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THE ENVIRONMENTAL AND HEALTH PROTECTION DEPARTMENT
ENVIRONMENTAL MONITORING SECTION

THE SAVANNAH RIVER SITE'S GROUNDWATER MONITORING PROGRAM

FIRST QUARTER 1989

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THE SAVANNAH RIVER SITE'S GROUNDWATER MONITORING PROGRAM

CONDUCTED BY

THE ENVIRONMENTAL AND HEALTH PROTECTION DEPARTMENT

FOR

THE FIRST QUARTER 1989

by

Environmental Monitoring Section
Environmental and Health Protection Department
Westinghouse Savannah River Company
Aiken, South Carolina

and

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EXECUTIVE SUMMARY

The Environmental Monitoring Section of the Environmental and Health Protection (EHP) Department administers the Savannah River Site's Groundwater Monitoring Program. During first quarter 1989 (January-March), EHP conducted routine sampling of monitoring wells and drinking water locations. EHP collected the drinking water samples from Savannah River Site (SRS) drinking water systems supplied by wells.

EHP established two sets of flagging criteria in 1986 to assist in the management of sample results. The flagging criteria do not define contamination levels; instead they aid personnel in sample scheduling, interpretation of data, and trend identification. The flagging criteria are based on detection limits, background levels in SRS groundwater, and drinking water standards. An explanation of flagging criteria for the first quarter is presented in the **Flagging Criteria** section of this document.

All analytical results from first quarter 1989 are listed in this report, which is distributed to all waste-site custodians. One or more parameters exceeded Flag 2 at 77 monitoring sites. Parameters exceeded Flag 2 for the first time since 1984 at 25 monitoring sites.

The EHP Laboratory in Building 735-A analyzed the drinking water samples for radioactive constituents. The only radioactive constituent above the flagging criteria was gross alpha, which exceeded Flag 1 (5 pCi/L) at Talatha Gate (7.93 pCi/L).

Those sites with constituents in the groundwater above Flag 2 in first quarter 1989 are listed in the following table, organized by location and well series. Data from all laboratory analyses above Flag 2 are reported. (In quarterly reports prior to the Third Quarter 1988 Report, the table was generated using data only from the primary laboratory, Envirodyne Engineers.) Also, field specific conductance and pH data above Flag 2 are reported. (In quarterly reports prior to the Third Quarter 1988 Report, the table was generated using only laboratory specific conductance and pH data.)

EXECUTIVE SUMMARY

FIRST QUARTER EHP GROUNDWATER DATA ABOVE FLAGGING CRITERIA

Site	Well Series	Parameters Above Flag 2 Criteria First Quarter 1989	First Time Since 1984
		100 AREAS	
C Area			
C-Area Burning/Rubble Pit	CRP	Chromium, lead, pH, total organic halogens, trichloroethylene, tritium	
C-Area Disassembly Basin	CDB	Iron, manganese, lead, tritium	
C-Area Reactor Seepage Basins	CSB	Manganese, lead, pH, total organic halogens, trichloroethylene, tritium	Copper
K Area			
K-Area Acid/Caustic Basin	KAC	Gross alpha, iron, manganese, lead, pH, sulfate, total radium, total organic halogens	
K-Area Ash Basin	KAB	Gross alpha, iron, manganese, total radium	
K-Area Burning/Rubble Pit	KRP	Iron, manganese, lead, tetrachloroethylene, total organic halogens, trichloroethylene	
K-Area Coal Pile Runoff Containment Basin	KCB	Gross alpha, manganese, sulfate, total radium, tritium	Fluoride
K-Area Disassembly Basin	KDB	Iron, manganese, lead, total organic halogens, trichloroethylene, tritium	Tetrachloroethylene
K-Area Reactor Seepage Basin	KSB	Tritium	
K-Area Retention Basin	KRB	Nonvol. beta, lead, total radium, tritium	
K-Area Sludge Land Application Site	KSS	Manganese	Aluminum, iron
L Area			
L-Area Acid/Caustic Basin	LAC	Copper, lead, pH, tetrachloroethylene, trichloroethylene	
L-Area Burning/Rubble Pit	LRP	Lead, tetrachloroethylene	Trichloroethylene
L-Area Disassembly Basin	LDB	Lead, tetrachloroethylene, total organic halogens	
L-Area C and Chemical Basin	LCO	Manganese, pH, sulfate, tetrachloroethylene, total organic halogens, trichloroethylene, tritium	
L-Area Reactor Seepage Basin	LSB	Lead, tritium	

FIRST QUARTER EHP GROUNDWATER DATA ABOVE FLAGGING CRITERIA (cont.)

Site	Well Series	Parameters Above Flag 2 Criteria First Quarter 1989	First Time Since 1984
		100 AREAS (cont.)	
P Area			
P-Area Acid/Caustic Basin	PAC	Iron, manganese	
P-Area Burning/Rubble Pit	PRP	Carbon tetrachloride, manganese, lead, tetrachloroethylene, total organic halogens, trichloroethylene, tritium	
P-Area Coal Pile Runoff Containment Basin	PCB	Cadmium, iron, manganese, nickel, sulfate	
P-Area Disassembly Basin	PDB	Lead, tritium	
P-Area Reactor Seepage Basins	PSB	Copper, nitrate (as N), lead, tritium	
R Area			
R-Area Acid/Caustic Basin	RAC	Lead	
Series A, R-Area Reactor Seepage Basins	RSA		Nonvol. beta
Series D, between R-Area Reactor Seepage Basin 1 and R-Area Reactor Building	RSD	Nonvol. beta	
Series E, R-Area Reactor Seepage Basins	RSE	Nonvol. beta	
Series F, R-Area Reactor Seepage Basins	RSF	pH	
		200 AREAS	
General			
Scattered around F Area and H Area	Z	Tritium, pH	
Scattered in and around F Area and H Area	ZW	Tritium	Gross alpha
F Area			
F-Area Acid/Caustic Basin	FAC	Gross alpha, manganese, pH, total radium	Aluminum
F-Area A Line	FAL	Total organic halogens, trichloroethylene	
F-Area Burning/Rubble Pits	FBP	Nonvol. beta, carbon tetrachloride, tetrachloroethylene, total organic halogens, trichloroethylene	

FIRST QUARTER EHP GROUNDWATER DATA ABOVE FLAGGING CRITERIA (cont.)

Site	Well Series	Parameters Above Flag 2 Criteria First Quarter 1989	First Time Since 1984
		200 AREAS (cont.)	
F Area (cont.)			
F-Area Canyon Building	FCA	Gross alpha, nonvol. beta, manganese, nitrate (as N), total radium, total organic halogens, trichloroethylene, tritium, pH	
F-Area Coal Pile Runoff Containment Basin	FCB	Iron, total radium	
F-Area Effluent Treatment Facility	FET	Manganese	
F-Area Seepage Basins	F	Gross alpha, nonvol. beta, tritium	
	FSB	Gross alpha, arsenic, barium, nonvol. beta, cadmium, copper, fluoride, iron, mercury, manganese, nickel, nitrate (as N), lead, pH, selenium, tetrachloroethylene, total radium, total organic halogens, trichloroethylene, tritium	
F-Area Sludge Land Application Site	FSS	Manganese, pH, tritium	Iron, lead
F-Area Tank Farm	FTF	Gross alpha, nonvol. beta, pH, total radium, tritium	
Old F-Area Seepage Basin	FNB	Gross alpha, nonvol. beta, mercury, manganese, nitrate (as N), total radium, total organic halogens, trichloroethylene, tritium	
Naval Fuel Material Facility	NBG	Manganese, nitrate (as N), lead, tetrachloroethylene, total organic halogens, trichloroethylene, tritium	Iron, nonvol. beta
H Area			
H-Area Acid/Caustic Basin	HAC	Manganese, sulfate, tritium	Total organic halogens
H-Area Auxiliary Pump Pit	HAP	Total organic halogens, tritium	
H-Area Canyon Building	HCA	Manganese, lead, tetrachloroethylene, trichloroethylene, tritium	Total organic halogens
H-Area Coal Pile Runoff Containment Basin	HCB	Gross alpha, fluoride, iron, manganese, lead, sulfate, total radium, tritium, pH	Arsenic, selenium
H-Area Effluent Treatment Facility	HET	Iron, tritium	

FIRST QUARTER EHP GROUNDWATER DATA ABOVE FLAGGING CRITERIA (cont.)

Site	Well Series	Parameters Above Flag 2 Criteria: First Quarter 1989	First Time Since 1984
		200 AREAS (cont.)	
H Area (cont.)			
H-Area Retention Basin	HR8	Gross alpha, manganese, nitrate (as N), total radium, tritium	
H-Area Seepage Basins	H	Gross alpha, nonvol. beta, tritium	pH
	HSB	Aluminum, gross alpha, nonvol. beta, iron, mercury, manganese, nitrate (as N), lead, pH, total radium, total organic halogens, trichloroethylene, tritium	Tetrachloroethylene
H-Area Sludge Land Application Site	HSS	Lead	Total radium
H-Area Tank Farm	HTF	Tritium	Barium, cadmium, chromium, lead
Old H-Area Retention Basin	HR3	Tritium	
S Area			
S-Area Background Wells	SBG	Lead, tetrachloroethylene, total organic halogens, trichloroethylene, tritium	
Z Area			
Z-Area Low Point Drain Tank	ZDT	Tritium	
		300/700 AREAS	
A-Area Background Well Near Firing Range	ABW	Trichloroethylene	
A-Area Burning/Rubble Pits	ARP	Tetrachloroethylene, total organic halogens, trichloroethylene	
A-Area Cluster Perimeter Wells	AC	pH	Trichloroethylene
A-Area Coal Pile Runoff Containment Basin	ACB	Gross alpha, total radium	
A-Area Metals Burning Pit	ABP	Tetrachloroethylene, total organic halogens, trichloroethylene	
Hazardous Waste Management Facility and Plume Definition Wells	MSB	Silver, aluminum, gross alpha, nonvol. beta, carbon tetrachloride, cadmium, chloroform, chromium, iron, manganese, nitrate (as N), lead, pH, sulfate, tetrachloroethylene, total radium, total organic halogens, trichloroethylene, 1,1,1-trichloroethane, zinc	

FIRST QUARTER EHP GROUNDWATER DATA ABOVE FLAGGING CRITERIA (cont.)

Site	Well Series	Parameters Above Flag 2 Criteria First Quarter 1989	First Time Since 1984
		300/700 AREAS (cont.)	
M-Area Recovery Wells	RWM	Aluminum, gross alpha, nitrate (as N), tetrachloroethylene, total radium, trichloroethylene	
Metallurgical Laboratory Seepage Basin	AMB	Iron, total organic halogens, trichloroethylene	Total organic carbon
Miscellaneous Chemical Basin	MCB	Manganese, tetrachloroethylene, total organic halogens, trichloroethylene	
Motor Shop Oil Basin	AOB	Tetrachloroethylene, total organic halogens, trichloroethylene	
Savannah River Laboratory Seepage Basins	ASB	Tetrachloroethylene, total organic halogens, trichloroethylene, pH	Iodine-131
Silverton Road Waste Site	SRW	Carbon tetrachloride, iron, lead, total organic halogens, trichloroethylene	
		400 AREA	
D-Area Burning/Rubble Pits	DBP	Manganese, total organic halogens	
D-Area Coal Pile Runoff Containment Basin	DCB	Gross alpha, arsenic, beryllium, nonvol. beta, cadmium, chromium, copper, fluoride, iron, mercury, manganese, nickel, lead, pH, sulfate, tetrachloroethylene, total radium, total organic halogens, trichloroethylene, tritium, zinc	Aluminum, carbon tetrachloride
D-Area Oil Disposal Basin	DOB	Iron, tetrachloroethylene, total organic halogens, trichloroethylene	
		600 AREAS	
Burial Grounds			
Burial Grounds	BG	Gross alpha, nonvol. beta, tritium	
Burial Grounds Perimeter Wells	BGO	Gross alpha, nonvol. beta, iron, manganese, lead, pH, tetrachloroethylene, total organic halogens, trichloroethylene, tritium	Fluoride
Monitoring Grid Wells for Burial Ground 643-G	MGC	Gross alpha, tritium	
	MGE	Nonvol. beta, tritium	Gross alpha
Central Shops			
Central Shops Burning/Rubble Pits	CSR	Total organic halogens	

FIRST QUARTER EHP GROUNDWATER DATA ABOVE FLAGGING CRITERIA (cont.)

Site	Well Series	Parameters Above Flag 2 Criteria First Quarter 1989	First Time Since 1984
		600 AREAS (cont.)	
Central Shops			
Fire Department Training Facility (Central Shops Burnable Oil Basin)	CSO		Tritium
General			
Chemicals, Metals, Pesticides Pits	CMP	Manganese, tetrachloroethylene, pH, total organic halogens, trichloroethylene	Aluminum
Par Pond Sludge Land Application Site	PSS	Manganese	
Sanitary Landfill	LFW	Gross alpha, arsenic, chromium, iron, manganese, tetrachloroethylene, total radium, total organic halogens, trichloroethylene, tritium	
TNX			
New TNX Seepage Basin	YSB	Nitrate (as N)	
Old TNX Seepage Basin	XSB	Carbon tetrachloride, mercury, manganese, nitrate (as N), lead, tetrachloroethylene, total organic halogens, trichloroethylene	Chloroform
TNX Burying Ground	TBG	Gross alpha, carbon tetrachloride, mercury, manganese, nitrate (as N), tetrachloroethylene, total radium, total organic halogens, trichloroethylene	

INTRODUCTION

This report is a summary of the Savannah River Site's (SRS) groundwater monitoring program conducted by the Environmental and Health Protection Department's (EHP) Environmental Monitoring Section in the first quarter of 1989 and includes the analytical results, field data, and detailed documentation for this program. The purpose of this report is two-fold: to provide a historical record of the activities and rationale of the program and to provide an official document of the analytical results.

EHP is responsible for all routine groundwater monitoring activities at the Savannah River Site, including the following:

- installation, maintenance, and abandonment of monitoring wells
- soil core investigations
- determination of the sampling schedule and parameter selection
- collection and analysis of groundwater samples
- initial review of the analytical data
- reporting the results to the facility custodian and to the Environmental Protection Section of EHP

EHP is the custodian of the groundwater monitoring wells, not the facility being monitored. It is the responsibility of the facility custodian (i.e., Reactor, Raw Materials, etc.) to assist in the determination of the sample schedule, to review the data, and to make any decisions regarding the facility.

Each custodian receives this report and the following site-specific data:

- a computer printout of all analytical data for the quarter, flagged with levels (0, 1, or 2)
- a computer printout (designed to assist in identifying trends) of the analytical data for this quarter and for the previous seven quarters
- a computer printout (designed to assist in identifying elevated analytical values) of each well site and all analytical values above Flag 1 and Flag 2 criteria

CORRECTIONS TO PREVIOUS QUARTERLY REPORTS

CORRECTIONS AND OMISSIONS

In the **Review of the Data** in the **Third Quarter 1988 Report** (p. 78), well DPB 4 is listed as having manganese results that were considerably different from previous results. The correct well designation is DBP 4. DPB 4 does not exist.

In the **Surveying** section of the **Fourth Quarter 1988 Report**, the coordinates for HSB 83A were incorrectly listed as N71866.56 and E55281.53. The correct coordinates are N71648.57 and E58606.11.

The following comment was inadvertently omitted from the **Sample Collection** section of the **Fourth Quarter 1988 Report**: On 12/20/88, samplers accidentally dropped a set of water-level tape weights into the standpipe of NBG 1. Maintenance personnel were unable to retrieve the weights, which may affect analytical results for NBG 1.

In the **Replicate Analyses of Samples** in the **Fourth Quarter 1988 Report**, the total organic carbon results for BGO 7D and FSB 76A are listed in μg/L, but they are actually in mg/L.

PROGRAMMING CORRECTIONS

Programming errors led to inaccuracies in the flagging levels and executive summaries in the **Second Quarter 1988**, **Third Quarter 1988**, and **Fourth Quarter 1988** reports. These errors have been corrected, and the inaccuracies are discussed below.

Flagging Levels

Strontium-89/90 was added to the **Flagging Criteria** table in the **Second Quarter 1988 Report**, but it was not added to the computer program that flags the groundwater monitoring data. Consequently, the flagging levels for strontium-89/90 were incorrect in the **Field and Analytical Data** section in the **Second Quarter 1988**, **Third Quarter 1988**, and **Fourth Quarter 1988** reports. The flagging levels should be as follows:

- Results below 4 pCi/L are Flag 0.
- Results between 4 pCi/L and 8 pCi/L are Flag 1.
- Results above 8 pCi/L are Flag 2.

CORRECTIONS

Second Quarter 1988 Executive Summary

An excursion of chromium at the Hazardous Waste Management Facility and Plume Definition Wells (MSB Well Series) was incorrectly reported in the original executive summary. This excursion did not appear after the program was corrected.

In the original executive summary, pH was incorrectly identified as exceeding Flag 2 for the first time since 1984 at the Hazardous Waste Management Facility and Plume Definition Wells (MSB Well Series). This was actually a repeated excursion.

The corrected executive summary for second quarter 1988 follows.

SECOND QUARTER 1988 EHP GROUNDWATER DATA ABOVE FLAGGING CRITERIA

Site	Well Series	Parameters Exceeding Flag 2 Criteria Second Quarter 1988	First Time Since 1984
		100 AREAS	
C Area			
C-Area Reactor Seepage Basins	CSB	Chromium, iron, lead, tritium	
K Area			
K-Area Coal Pile Runoff Containment Basin	KCB	Sulfate	
K-Area Disassembly Basin	KDB	Tritium	Trichloroethylene
K-Area Reactor Seepage Basin	KSB	Tritium	
K-Area Retention Basin	KRB	Nonvol. beta, tritium	
L Area			
L-Area Reactor Seepage Basin	LSB	Tritium	
P Area			
P-Area Coal Pile Runoff Containment Basin	PCB	Iron, sulfate	Zinc
P-Area Reactor Seepage Basins	PSB	Lead, tritium	Copper, iron
R Area			
Series D, between R-Area Reactor Seepage Basin 1 and R-Area Reactor Building	RSD	Nonvol. beta	
Series E, R-Area Reactor Seepage Basins	RSE	Nonvol. beta	

SECOND QUARTER 1988 EHP GROUNDWATER DATA ABOVE FLAGGING CRITERIA (cont.)

Site	Well Series	Parameters Exceeding Flag 2 Criteria Second Quarter 1988	First Time Since 1984
		200 AREAS	
General			
Scattered around F Area and H Area	Z	Tritium	
Scattered in and around F Area and H Area	ZW	Tritium	
F Area			
F-Area Canyon Building	FCA	Gross alpha, nonvolatile beta, tritium	
F-Area Coal Pile Runoff Containment Basin	FCB	Iron, pH	
F-Area Seepage Basins	F	Gross alpha, nonvolatile beta, tritium	
	FSB	Gross alpha, barium, nonvol. beta, cadmium, chromium, fluoride, iron, mercury, manganese, nitrate (as N), lead, pH, total radium, total organic halogens, tritium	Copper
F-Area Tank Farm	FTF	Gross alpha, nonvol. beta, pH, tritium	Total radium
H Area			
H-Area Auxiliary Pump Pit*	HAP	Tritium	Manganese
H-Area Coal Pile Runoff Containment Basin	HCB	Copper, iron, pH, sulfate	Zinc
H-Area Retention Basin	HR8	Tritium	
H-Area Seepage Basins	H	Gross alpha, nonvol. beta, tritium	
	HSB	Gross alpha, nonvol. beta, iron, mercury, manganese, nitrate (as N), lead, pH, total radium, total organic halogens, tritium	Silver, barium, copper, trichloroethylene
H-Area Tank Farm	HTF	Tritium	Total radium
H-Area Tank Farm, between Tanks #9 and #11	241-H	Tritium	
Old H-Area Retention Basin	HR3	Tritium	

* The H-Area Auxiliary Pump Pit was erroneously listed as the S-Area Auxiliary Pump Pit in the original second quarter executive summary.

SECOND QUARTER 1988 EHP GROUNDWATER DATA ABOVE FLAGGING CRITERIA (cont.)

Site	Well Series	Parameters Exceeding Flag 2 Criteria Second Quarter 1988	First Time Since 1984
		200 AREAS (cont.)	
S Area			
S-Area Background Wells	SBG	Trichloroethylene	
S-Area Low Point Pump Pit	SLP	Manganese, pH	
Z Area			
Z-Area Low Point Drain Tank	ZDT	Tritium	
		300/700 AREAS	
M-Area Recovery Wells	RWM		Tetrachloroethylene, trichloroethylene
Hazardous Waste Management Facility and Plume Definition Wells	MSB	Aluminum, gross alpha, nonvol. beta, carbon tetrachloride, nitrate (as N), lead, pH, tetrachloroethylene, total radium, trichloroethylene, 1,1,1-trichloroethane, zinc	Cadmium
Metallurgical Laboratory Seepage Basin	AMB	Trichloroethylene	
Miscellaneous Chemical Basin	MCB	pH, total organic halogens	Manganese
Savannah River Laboratory Seepage Basins	ASB	Tetrachloroethylene, trichloroethylene	
		400 AREA	
D-Area Coal Pile Runoff Containment Basin	DCB	Gross alpha, arsenic, nonvol. beta, cadmium, chromium, fluoride, iron, manganese, lead, pH, sulfate, total radium, total organic halogens, tritium, zinc	
		600 AREAS	
Burial Grounds			
Burial Grounds	BG	Tritium	
Burial Grounds Perimeter Wells	BGO	Gross alpha, nonvol. beta, manganese, lead, pH, total organic halogens, tritium	
Monitoring Grid Wells for Burial Ground 643-G	MGC	Tritium	
	MGE	Tritium	
	MGG	Tritium	

SECOND QUARTER 1988 EHP GROUNDWATER DATA ABOVE FLAGGING CRITERIA (cont.)

Site	Well Series	Parameters Exceeding Flag 2 Criteria Second Quarter 1988	First Time Since 1984
		600 AREAS (cont.)	
General			
Sanitary Landfill	LFW	Tritium	
TNX			
Old TNX Seepage Basin	XSB	Trichloroethylene	

Third Quarter 1988 Executive Summary

Excursions past Flag 2 at 13 monitoring sites were omitted from the original summary. Data from gamma PHA analyses were added to the database late in the quarter, after the executive summary had been run. Consequently, an excursion of cesium-137 at the H-Area Tank Farm (HTF Well Series) was omitted.

Strontium-89/90 was added to the **Flagging Criteria** table in the second quarter, but it was not added to the computer program that flags the data and creates the executive summary table. The only excursion of strontium-89/90 past Flag 2 was at the F-Area Seepage Basins (F Well Series).

Prior to third quarter 1988, only analytical data from the primary laboratory, Envirodyne Engineers, were considered in the flagging program that creates the executive summary. In the third quarter the program was changed to encompass data from all laboratories and pH and specific conductance data from the field. This programming change led to the following errors.

The following data were omitted from the original executive summary because the data from the secondary labs were not successfully incorporated into the program: gross alpha at the F-Area Seepage Basins (F Well Series); gross alpha at the H-Area Seepage Basins (H Well Series); tritium at the S-Area Background Wells (SBG Well Series); tetrachloroethylene and trichloroethylene at the M-Area Recovery Wells (RWM Well Series); 1,1,1-trichloroethane at the Hazardous Waste Management Facility and Plume Definition Wells (MSB Well Series); and tetrachloroethylene at the Silverton Road Waste Site (SRW Well Series). The Environmental and Health Protection Laboratory in Building 735-A conducted the radioactivity analyses, and the M-Area laboratory conducted the organics analyses. Both labs are at the Savannah River Site.

Excursions of pH in the following six well series were omitted from the original executive summary because the field pH data were not successfully incorporated into the flagging program: Z Well Series (scattered around F and H Areas); FAC Well Series (F-Area Acid/Caustic Basin); FCA Well Series (F-Area Canyon Building); SLP Well Series (S-Area Low Point Pump Pit); AC Well Series (A-Area Cluster Perimeter and Plume Definition Wells); and ASB Well Series (Savannah River Laboratory Seepage Basins).

Two excursions that were reported in the executive summary for third quarter did not actually occur. Tritium was reported as exceeding Flag 2 at the

Savannah River Laboratory Seepage Basins (ASB Well Series), and trichloroethylene was reported as exceeding Flag 2 at the Metallurgical Laboratory Seepage Basin (AMB Well Series), but these results did not appear on the revised printout.

The corrected executive summary from third quarter 1988 follows.

THIRD QUARTER 1988 EHP GROUNDWATER DATA ABOVE FLAGGING CRITERIA

Site	Well Series	Parameters Exceeding Flag 2 Criteria Third Quarter 1988	First Time Since 1984
		100 AREAS	
C Area			
C-Area Burning/Rubble Pit	CRP	Chromium, lead, pH, total organic halogens, trichloroethylene, tritium	
C-Area Disassembly Basin	CDB	Iron, manganese, lead, tritium	
C-Area Reactor Seepage Basins	CSB	Chromium, iron, lead, pH, total organic halogens, trichloroethylene, tritium	
K Area			
K-Area Acid/Caustic Basin	KAC	Iron, manganese, pH, sulfate, total radium	
K-Area Ash Basin	KAB	Gross alpha, iron, manganese, total radium	
K-Area Burning/Rubble Pit	KRP	Manganese, lead, tetrachloroethylene, total organic halogens, trichloroethylene	
K-Area Coal Pile Runoff Containment Basin	KCB	Gross alpha, manganese, total radium, tritium	
K-Area Disassembly Basin	KDB	Manganese, lead, total organic halogens, tritium	
K-Area Reactor Seepage Basin	KSB	Tritium	
K-Area Retention Basin	KRB	Nonvol. beta, cadmium, lead, total organic halogens, tritium	
L Area			
L-Area Acid/Caustic Basin	LAC	pH, tetrachloroethylene, total organic halogens, trichloroethylene	
L-Area Burning/Rubble Pit	LRP	Lead	
L-Area Disassembly Basin	LDB	Lead, tetrachloroethylene, total organic halogens	
L-Area Oil and Chemical Basin	LCO	Mercury, manganese, pH, sulfate, tetrachloroethylene, total organic halogens, trichloroethylene, tritium	

THIRD QUARTER 1988 EHP GROUNDWATER DATA ABOVE FLAGGING CRITERIA (cont.)

Site	Well Series	Parameters Exceeding Flag 2 Criteria Third Quarter 1988	First Time Since 1984
		100 AREAS (cont.)	
L Area (cont.)			
L-Area Reactor Seepage Basin	LSB	Lead, tritium	
P Area			
P-Area Acid/Caustic Basin	PAC	Iron	
P-Area Burning/Rubble Pit	PRP	Manganese, lead, tetrachloroethylene, total organic halogens, trichloroethylene, tritium, 1,1,1-trichloroethane	
P-Area Coal Pile Runoff Containment Basin	PCB	Cadmium, chromium, copper, iron, manganese, nickel, lead, sulfate, total organic halogens	
P-Area Disassembly Basin	PDB	Lead, tritium	
P-Area Reactor Seepage Basins	PSB	Nitrate (as N), lead, tritium	
R Area			
R-Area Acid/Caustic Basin	RAC	Lead	
Series D, between R-Area Reactor Seepage Basin 1 and R-Area Reactor Building	RSD	Nonvol. beta	Gross alpha
Series E, R-Area Reactor Seepage Basins	RSE	Nonvol. beta, iron	
Series F, R-Area Reactor Seepage Basins	RSF	pH	
		200 AREAS	
General			
Scattered around F Area and H Area	Z	pH, tritium	
Scattered in and around F Area and H Area	ZW	Tritium	
F Area			
F-Area Acid/Caustic Basin	FAC	Gross alpha, manganese, pH, total radium, total organic halogens	
F-Area A Line	FAL	Manganese, total organic halogens, trichloroethylene	

THIRD QUARTER 1988 EHP GROUNDWATER DATA ABOVE FLAGGING CRITERIA (cont.)

Site	Well Series	Parameters Exceeding Flag 2 Criteria Third Quarter 1988	First Time Since 1984
		200 AREAS (cont.)	
F Area (cont.)			
F-Area Burning/Rubble Pits	FBP	Nonvol. beta, carbon tetrachloride, tetrachloroethylene, total organic halogens, trichloroethylene	
F-Area Canyon Building	FCA	Gross alpha, nonvol. beta, cadmium, manganese, nitrate (as N), lead, pH, total radium, total organic halogens, trichloroethylene, tritium	
F-Area Coal Pile Runoff Containment Basin	FCB	Iron, manganese	
F-Area Seepage Basins	F	Gross alpha, nonvol. beta, strontium-89/90, tritium	
	FSB	Gross alpha, barium, nonvol. beta, cadmium, chromium, copper, fluoride, iron, mercury, manganese, nitrate (as N), lead, pH, selenium, tetrachloroethylene, total radium, total organic halogens, trichloroethylene, tritium	Nickel
F-Area Tank Farm	FTF	Gross alpha, nonvol. beta, nitrate (as N), pH, total radium, tritium	
Naval Fuel Material Facility	NBG	Nitrate (as N), total organic halogens, trichloroethylene, tritium	
Old F-Area Seepage Basin	FNB	Gross alpha, nonvol. beta, manganese, nitrate (as N), total radium, total organic halogens, trichloroethylene, tritium	
H Area			
H-Area Auxiliary Pump Pit	HAP	Total organic halogens, tritium	Lead
H-Area Canyon Building	HCA	Manganese, lead, tetrachloroethylene, trichloroethylene, tritium	
H-Area Coal Pile Runoff Containment Basin	HCB	Gross alpha, cadmium, copper, fluoride, iron, manganese, lead, pH, sulfate, total radium, total organic halogens, tritium	
H-Area Retention Basin	HRB	Gross alpha, manganese, nitrate (as N), lead, total radium, tritium	
H-Area Seepage Basins	H	Gross alpha, nonvol. beta, tritium	

THIRD QUARTER 1988 EHP GROUNDWATER DATA ABOVE FLAGGING CRITERIA (cont.)

Site	Well Series	Parameters Exceeding Flag 2 Criteria Third Quarter 1988	First Time Since 1984
		200 AREAS (cont.)	
H Area (cont.)			
H-Area Seepage Basins	HSB	Aluminum, gross alpha, nonvol. beta, iron, mercury, manganese, nitrate (as N), lead, pH, total radium, total organic halogens, tritium	Chromium, nickel
H-Area Tank Farm	HTF	Nonvol. beta, nitrate (as N), pH, total radium, tritium	Gross alpha, cesium-137
Old H-Area Retention Basin	HR3	Total organic halogens, tritium	
S Area			
S-Area Background Wells	SBG	Total organic halogens, trichloroethylene, tritium	
S-Area Low Point Pump Pit	SLP	Manganese, pH	Total organic halogens
Z Area			
Z-Area Low Point Drain Tank	ZDT	Tritium	Total organic halogens
		300/700 AREAS	
A-Area Background Well Near Firing Range	ABW	Trichloroethylene	
A-Area Burning/Rubble Pits	ARP	Tetrachloroethylene, total organic halogens, trichloroethylene	
A-Area Cluster Perimeter and Plume Definition Wells	AC	pH	
A-Area Coal Pile Runoff Containment Basin	ACB	Gross alpha, total radium, total organic halogens	
A-Area Metals Burning Pit	ABP	Total organic halogens, trichloroethylene	
M-Area Recovery Wells	RWM	Nitrate (as N), tetrachloroethylene, trichloroethylene	
Hazardous Waste Management Facility and Plume Definition Wells	MSB	Aluminum, gross alpha, nonvol. beta, carbon tetrachloride, cadmium, chromium, iron, manganese, nitrate (as N), lead, pH, selenium, sulfate, tetrachloroethylene, total radium, total organic halogens, trichloroethylene, 1,1,1-trichloroethane, zinc	Silver

THIRD QUARTER 1988 EHP GROUNDWATER DATA ABOVE FLAGGING CRITERIA (cont.)

Site	Well Series	Parameters Exceeding Flag 2 Criteria Third Quarter 1988	First Time Since 1984
		300/700 AREAS (cont.)	
Miscellaneous Chemical Basin	MCB	Carbon tetrachloride, manganese, pH, tetrachloroethylene, total organic halogens, trichloroethylene	
Motor Shop Oil Basin	AOB	Endrin, tetrachloroethylene, total organic halogens, trichloroethylene	
Savannah River Laboratory Seepage Basins	ASB	Manganese, pH, tetrachloroethylene, total organic halogens, trichloroethylene	
Silverton Road Waste Site	SRW	Carbon tetrachloride, lead, tetrachloroethylene, total organic halogens, trichloroethylene	
		400 AREA	
D-Area Burning/Rubble Pits	DBP	Manganese, total organic halogens	
D-Area Coal Pile Runoff Containment Basin	DCB	Silver, gross alpha, arsenic, beryllium, nonvol. beta, cadmium, chromium, copper, fluoride, iron, manganese, nickel, lead, pH, selenium, sulfate, tetrachloroethylene, total radium, total organic halogens, trichloroethylene, tritium, zinc	
D-Area Oil Disposal Basin	DOB	Iron, tetrachloroethylene, total organic halogens, trichloroethylene	
		600 AREAS	
Burial Grounds			
Burial Grounds	BG	Gross alpha, nonvol. beta, tritium	
Burial Grounds Perimeter Wells	BGO	Gross alpha, nonvol. beta, iron, manganese, pH, total organic halogens, tritium	Barium
Monitoring Grid Wells for Burial Ground 643-G	MGC	Tritium	
	MGE	Tritium	
	MGG	Tritium	
Central Shops			
Central Shops Burning/ Rubble Pits	CSR	Iron	

THIRD QUARTER 1988 EHP GROUNDWATER DATA ABOVE FLAGGING CRITERIA (cont.)

Site	Well Series	Parameters Exceeding Flag 2 Criteria Third Quarter 1988	First Time Since 1984
		600 AREAS (cont.)	
General			
Chemicals, Metals, Pesticides Pits	CMP	Iron, manganese, lead, pH, tetrachloroethylene, total organic halogens, trichloroethylene	
Road A Chemical Basin	BRD	Lead	
Sanitary Landfill	LFW	Chromium, iron, tetrachloroethylene, total organic halogens, trichloroethylene, tritium	Mercury
TNX			
New TNX Seepage Basin	YSB	Total organic halogens	Total organic carbon
Old TNX Seepage Basin	XSB	Gross alpha, carbon tetrachloride, mercury, manganese, nitrate (as N), total radium, total organic halogens, trichloroethylene	

Fourth Quarter 1988 Executive Summary

Excursions of pH in the following eight well series were omitted from the original summary because the field pH data were not successfully incorporated into the flagging program: KAC Well Series (K-Area Acid/Caustic Basin); LAC Well Series (L-Area Acid/Caustic Basin); LCO Well Series (L-Area Oil and Chemical Basin); RSF Well Series (Series F, R-Area Reactor Seepage Basins); FAC Well Series (F-Area Acid/Caustic Basin); HCB Well Series (H-Area Coal Pile Runoff Containment Basin); AC Well Series (A-Area Cluster Perimeter Wells and Plume Definition Wells); and CMP Well Series (Chemicals, Metals, Pesticides Pits).

The following excursions were omitted from the original summary because the data from the secondary labs were not successfully incorporated into the flagging program: tritium at the C-Area Burning/Rubble Pit (CRP Well Series); nonvolatile beta at the K-Area Retention Basin (KRB Well Series); tritium at the wells scattered in and around F and H Areas (Z and ZW Well Series); gross alpha and nonvolatile beta at the F-Area Canyon Building (FCA Well Series); gross alpha at the F-Area Seepage Basins (F Well Series); gross alpha at the H-Area Seepage Basins (H Well Series); tritium at the S-Area Background Wells (SBG Well Series); tritium at the D-Area Coal Pile Runoff Containment Basin (DCB Well Series); gross alpha and nonvolatile beta at the Burial Grounds (BG Well Series); trichloroethylene at the A-Area Background Well (ABW Well Series); trichloroethylene at the Miscellaneous Chemical Basin (MCB Well Series); trichloroethylene at the Savannah River Laboratory Seepage Basins (ASB Well Series); and trichloroethylene at the Silverton Road Waste Site (SRW Well Series). The Environmental and Health Protection Laboratory in Building 735-A conducted the radioactivity analyses, and the M-Area laboratory conducted the organics analyses. Both labs are at the Savannah River Site.

CORRECTIONS

Three additional excursions were omitted from the original summary: manganese at the H-Area Auxiliary Pump Pit (HAP Well Series); chromium at the H-Area Seepage Basins (HSB Well Series); and nitrate at the M-Area Recovery Wells (RWM Well Series). These omissions were unrelated to the programming errors noted above.

In the original summary, the following excursions were identified as occurring for the first time since 1984, but were actually repeated excursions: pH at the wells scattered around F and H Areas (Z Well Series) and pH at the Savannah River Laboratory Seepage Basins (ASB Well Series).

The corrected executive summary from fourth quarter 1988 follows.

FOURTH QUARTER 1988 EHP GROUNDWATER DATA ABOVE FLAGGING CRITERIA

Site	Well Series	Parameters Exceeding Flag 2 Criteria Fourth Quarter 1988	First Time Since 1984
		100 AREAS	
C Area			
C-Area Burning/Rubble Pit	CRP	pH, tritium	
C-Area Reactor Seepage Basins	CSB	pH, tritium	
K Area			
K-Area Acid/Caustic Basin	KAC	Iron, manganese, pH	Lead
K-Area Disassembly Basin	KDB	Trichloroethylene	
K-Area Reactor Seepage Basin	KSB	Tritium	
K-Area Retention Basin	KRB	Tritium, nonvol. beta	
K-Area Sludge Land Application Site	KSS*		Manganese
L Area			
L-Area Acid/Caustic Basin	LAC	pH	
L-Area Oil and Chemical Basin	LCO	pH	
L-Area Reactor Seepage Basin	LSB	Tritium	
P Area			
P-Area Acid/Caustic Basin	PAC		Manganese
P-Area Reactor Seepage Basins	PSB	Tritium	

* These are new wells, sampled for the first time.

FOURTH QUARTER 1988 EHP GROUNDWATER DATA ABOVE FLAGGING CRITERIA (cont.)

Site	Well Series	Parameters Exceeding Flag 2 Criteria Fourth Quarter 1988	First Time Since 1984
		100 AREAS (cont.)	
R Area			
Series D, between R-Area Reactor Seepage Basin 1 and R-Area Reactor Building	RSD	Nonvol. beta	
Series E, R-Area Reactor Seepage Basins	RSE	Gross alpha, nonvol. beta	
Series F, R-Area Reactor Seepage Basins	RSF	pH	
		200 AREAS	
General			
Scattered around F Area and H Area	Z	pH, tritium	
Scattered in and around F Area and H Area	ZW	Tritium	
F Area			
F-Area Acid/Caustic Basin	FAC	Manganese, pH	
F-Area Canyon Building	FCA	Gross alpha, nonvol. beta, pH, tritium	
F-Area Coal Pile Runoff Containment Basin	FCB	Total organic halogens	
F-Area Effluent Treatment Facility	FET		Iron, manganese
F-Area Seepage Basins	F	Gross alpha, nonvol. beta, tritium	
	FSB	Gross alpha, arsenic, barium, nonvol. beta, cadmium, chromium, copper, fluoride, iron, mercury, manganese, nitrate (as N), lead, pH, tetrachloroethylene, total radium, total organic halogens, tritium	
F-Area Sludge Land Application Site	FSS*		Manganese, pH, tritium
F-Area Tank Farm	FTF	Gross alpha, nonvol. beta, nitrate (as N), pH, tritium	
Old F-Area Seepage Basin	FNB	Gross alpha, nonvol. beta, manganese, nitrate (as N), total radium, tritium	Mercury

* These are new wells, sampled for the first time.

FOURTH QUARTER 1988 EHP GROUNDWATER DATA ABOVE FLAGGING CRITERIA (cont.)

Site	Well Series	Parameters Exceeding Flag 2 Criteria Fourth Quarter 1988	First Time Since 1984
		200 AREAS (cont.)	
H Area			
H-Area Acid/Caustic Basin	HAC		Iron, manganese, sulfate, tritium
H-Area Auxiliary Pump Pit	HAP	Manganese, tritium	
H-Area Coal Pile Runoff Containment Basin	HCB	pH	
H-Area Effluent Treatment Facility	HET		Iron, tritium
H-Area Retention Basin	HRB	Tritium	
H-Area Seepage Basins	H	Gross alpha, nonvol. beta, tritium	
	HSB	Gross alpha, nonvol. beta, chromium, iron, mercury, manganese, nickel, nitrate (as N), lead, pH, total radium, total organic halogens, tritium	Arsenic
H-Area Sludge Land Application Site	HSS*		Lead
H-Area Tank Farm	HTF	Tritium	
Old H-Area Retention Basin	HR3	Tritium	
S Area			
S-Area Background Wells	SBG	Tritium	
S-Area Low Point Pump Pit	SLP	Manganese	
Z Area			
Z-Area Background Wells	ZBG		Aluminum, chromium, manganese
Z-Area Low Point Drain Tan	ZDT	Tritium	
		300/700 AREAS	
A-Area Background Well Near Firing Range	ABW	Trichloroethylene	
A-Area Cluster Perimeter and Plume Definition Wells	AC	pH	

* These are new wells, sampled for the first time.

FOURTH QUARTER 1988 EHP GROUNDWATER DATA ABOVE FLAGGING CRITERIA (cont.)

Site	Well Series	Parameters Exceeding Flag 2 Criteria Fourth Quarter 1988	First Time Since 1984
		300/700 AREAS (cont.)	
A-Area Metals Burning Pit	ABP	Trichloroethylene	
Hazardous Waste Management Facility and Plume Definition Wells	MSB	Aluminum, cadmium, nitrate (as N), lead, pH, sulfate, tetrachloroethylene, total radium, trichloroethylene, zinc	Mercury
M-Area Recovery Wells	RWM	Aluminum, nitrate (as N), tetrachloroethylene, trichloroethylene	
Metallurgical Laboratory Seepage Basin	AMB	Total organic halogens, trichloroethylene	Iron, pH
Miscellaneous Chemical Basin	MCB	Tetrachloroethylene, trichloroethylene	
Motor Shop Oil Basin	AOB	Tetrachloroethylene, trichloroethylene	
Savannah River Laboratory Seepage Basins	ASB	pH, tetrachloroethylene, trichloroethylene	
Silverton Road Waste Site	SRW	Trichloroethylene	
		400 AREA	
D-Area Coal Pile Runoff Containment Basin	DCB	Nonvol. beta, fluoride, iron, manganese, lead, pH, sulfate, total organic halogens, trichloroethylene, tritium	
		600 AREAS	
Burial Grounds			
Burial Grounds	BG	Gross alpha, nonvol. beta, tritium	
Burial Grounds Perimeter Wells	BGO	Gross alpha, nonvol. beta, manganese, pH, total organic halogens, tritium	Silver, mercury, tetrachloroethylene, trichloroethylene
Monitoring Grid Wells for Burial Ground 643-G	MGC	Tritium	
	MGE	Tritium	
	MGG	Tritium	
General			
Chemicals, Metals, Pesticides Pits	CMP	pH	

FOURTH QUARTER 1988 EHP GROUNDWATER DATA ABOVE FLAGGING CRITERIA (cont.)

Site	Well Series	Parameters Exceeding Flag 2 Criteria Fourth Quarter 1988	First Time Since 1984
		600 AREAS (cont.)	
General (cont.)			
Par Pond Sludge Land Application Site	PSS*		Iron, manganese, total organic halogens
Sewage Sludge Application Sites	SSS*		Gross alpha, iron, manganese, total radium, total organic halogens
TNX			
Old TNX Seepage Basin	XSB	Carbon tetrachloride, manganese, nitrate (as N), lead, total organic halogens, trichloroethylene	pH
TNX Burying Ground	TBG*		Gross alpha, nonvol. beta, carbon tetrachloride, iron, mercury, manganese, nitrate (as N), tetrachloroethylene, total radium, total organic halogens, trichloroethylene

* These are new wells, sampled for the first time.

WELL ABANDONMENT

The primary source of data for this section is the SRP Monitoring Well Abandonment Reports. Monitor Testing Corporation's Well Abandonment Reports are a secondary source. During first quarter 1989 Westinghouse and Sirrine Environmental, the oversight groups, maintained these records. Monitor Testing Corporation (MTC) and Graves Well Drilling performed drilling activities.

First Quarter 1988 Abandonments

Burial Grounds (Buildings 643-7G and 643-28G)

Well	SRS Coordinates North	SRS Coordinates East	Abandonment Completed	Reason
BG 218GR	-	-	01/13/88	No longer needed for monitoring
BG 822GR	-	-	01/13/88*	No longer needed for monitoring

First Quarter 1989 Abandonments

F-Area Acid/Caustic Basin

Well	SRS Coordinates North	SRS Coordinates East	Abandonment Completed	Reason
FAC 1	78159.6	55304.9	03/10/89	Not included in RCRA monitoring
FAC 2	78044.1	55244.4	03/10/89	Not included in RCRA monitoring

H-Area Seepage Basins

Well	SRS Coordinates North	SRS Coordinates East	Abandonment Completed	Reason
BG 10C	73050	56092	03/30/89	H-Area Seepage Basins closure

S-Area Defense Waste Processing Facility (DWPF)

Well	SRS Coordinates North	SRS Coordinates East	Abandonment Completed	Reason
RSS 5	74800	65900	01/14/89	Poorly constructed well

* This is the date abandonment began. An abandonment completion date is not available for this well.

Note: RCRA = Resource Conservation and Recovery Act

WELL ABANDONMENT

The following Savannah River Laboratory (SRL) research wells, which were abandoned during first quarter 1989, were not part of the EHP Groundwater Monitoring Program.

North of Burial Grounds

Well	SRS Coordinates North	SRS Coordinates East	Abandonment Completed	Reason
BG I	77940	58596	01/11/89*	MWMF closure
BG 97	78475	57828	01/09/89*	MWMF closure
BG 106	75817	59152	01/05/89	MWMF closure
BG 111	76510	58941	01/04/89	MWMF closure
BG 112	76969	59167	01/05/89	MWMF closure
BG 114	77273	58774	02/08/89	MWMF closure
BG 116	77585	58226	01/12/89*	MWMF closure
BG 117	77940	58596	01/12/89*	MWMF closure
BG 118	78043	57628	01/06/89	MWMF closure
BG 120	78320	57199	01/10/89*	MWMF closure

Deep Rock Borings Adjacent to the Burial Grounds

Well	SRS Coordinates North	SRS Coordinates East	Abandonment Completed	Reason
DRB 5	75600	59400	03/06/89*	MWMF closure

F-Area Hydrology Cluster Wells

Well	SRS Coordinates North	SRS Coordinates East	Abandonment Completed	Reason
FC 3A	78726.6	57620.0	01/26/89	MWMF closure
FC 3B	78727.7	57629.9	03/07/89*	MWMF closure
FC 3C	78728.0	57639.0	02/03/89	MWMF closure
FC 3D	78728.4	57647.9	02/01/89	MWMF closure
FC 3E	78728.8	57655.5	01/31/89*	MWMF closure
FC 3F	78729.1	57663.2	01/30/89	MWMF closure

F-Area Seepage Basins Vertical Radionuclide Distribution Wells

Well	SRS Coordinates North	SRS Coordinates East	Abandonment Completed	Reason
FMC 4A	75561	50182	03/20/89*	F-Area Seepage Basins closure
FMC 4B	75537	50201	03/16/89*	F-Area Seepage Basins closure
FMC 4C	75542	50175	03/13/89*	F-Area Seepage Basins closure

* This is the date abandonment began. An abandonment completion date is not available for this well.

Note: MWMF = Mixed Waste Management Facility.

The following monitoring wells were partially abandoned in the 1960s, 1970s, and early 1980s. EHP completed the abandonments during first quarter 1989 by pulling the entire well assemblies.

F-Area Seepage Basins

Well	SRS Coordinates North	SRS Coordinates East	Abandonment Completed	Reason
F 7	75450.6	51168.8	03/28/89*	F-Area Seepage Basins closure
F 8	75221	50911	03/16/89*	F-Area Seepage Basins closure
F 23	75460.1	50081.1	03/21/89	F-Area Seepage Basins closure
F 34	74986	49952	03/27/89	F-Area Seepage Basins closure

H-Area Seepage Basins

Well	SRS Coordinates North	SRS Coordinates East	Abandonment Completed	Reason
H 1	72187.4	58620.3	03/29/89	H-Area Seepage Basins closure

* This is the date abandonment began. An abandonment completion date is not available for this well.

WELL MAINTENANCE

The source of data for this section is well maintenance records kept by Ge-Hy Sampling of New Ellenton, SC, and Environmental and Health Protection during first quarter 1989. Monitor Testing Corporation's (MTC) Daily Reports are a secondary source. MTC performed all maintenance activities during first quarter 1989.

ABP Series, A-Area Metals Burning Pit

ABP 4: On 1/9/89, MTC disassembled the entire pump assembly, sealed all connections with teflon tape, reassembled the pump, and checked for leaks.

ARP Series, A-Area Burning/Rubble Pits

ARP 4: On 1/12/89, MTC disassembled the entire pump assembly, sealed all connections with teflon tape, reassembled the pump, and checked for leaks.

ASB Series, Savannah River Laboratory Seepage Basins

ASB 1A: On 1/9/89, MTC disassembled the entire pump assembly, sealed all connections with teflon tape, reassembled the pump, and checked for leaks.

BGO Series, Burial Grounds Perimeter Wells

BGO 16A: On 1/12/89, MTC disassembled the entire pump assembly, sealed all connections with teflon tape, reassembled the pump, and checked for leaks.

BGO 17D: On 1/12/89, MTC disassembled the entire pump assembly, sealed all connections with teflon tape, reassembled the pump, and checked for leaks.

BGO 18A: On 1/12/89, MTC disassembled the entire pump assembly, sealed all connections with teflon tape, reassembled the pump, and checked for leaks.

BGO 18D: MTC repaired the pump.

BGO 22D: On 1/12/89, MTC disassembled the entire pump assembly, sealed all connections with teflon tape, reassembled the pump, and checked for leaks.

BRD Series, Road A Chemical Basin (Baxley Road)

BRD 2: On 1/12/89, MTC replaced or repaired the cracked gate valve, disassembled the entire pump assembly, sealed all connections with teflon tape, reassembled the pump, and checked for leaks.

WELL MAINTENANCE

CSA Series, Central Shops Hydrofluoric Acid Spill Area

CSA 4: On 1/12/89, MTC disassembled the entire pump assembly, sealed all connections with teflon tape, reassembled the pump, and checked for leaks.

CSR Series, Central Shops Burning/Rubble Pits

CSR 1: On 1/12/89, MTC disassembled the entire pump assembly, sealed all connections with teflon tape, reassembled the pump, and checked for leaks.

DCB Series, D-Area Coal Pile Runoff Containment Basin

DCB 1A: On 1/2/89, MTC replaced or repaired the cracked bushing, disassembled the entire pump assembly, sealed all connections with teflon tape, reassembled the pump, and checked for leaks.

DCB 2A: On 1/2/89, MTC replaced or repaired the sample cock and repaired the yellow chain. MTC also disassembled the entire pump assembly, sealed all connections with teflon tape, reassembled the pump, and checked for leaks.

DCB 3A: On 1/2/89, MTC replaced or repaired the sample cock, disassembled the entire pump assembly, sealed all connections with teflon tape, reassembled the pump, and checked for leaks.

DCB 4A: On 1/2/89, MTC replaced or repaired the sample cock, disassembled the entire pump assembly, sealed all connections with teflon tape, reassembled the pump, and checked for leaks.

DCB 8: On 1/3/89, MTC installed a liquid level pipe cap. The locking bracket and pin, lock, well identification sign, and sign bolt are missing from this well.

DCB 11: On 1/3/89, MTC installed a liquid level pipe cap. The locking bracket and pin, lock, well identification sign, and sign bolt are missing from this well.

FBP Series, F-Area Burning/Rubble Pits

FBP 3A: A fallen tree was resting on the mounting post; on 1/12/89, MTC moved the tree off the mounting post onto the concrete pad. MTC disassembled the entire pump assembly, sealed all connections with teflon tape, reassembled the pump, and checked for leaks.

HSB Series, H-Area Seepage Basins

HSB137C: On 2/11/89 the pump would not start. MTC repaired the pump.

LFW Series, Sanitary Landfill

LFW 8: On 1/2/89, MTC disassembled the entire pump assembly, sealed all connections with teflon tape, reassembled the pump, and checked for leaks.

LFW Series, Sanitary Landfill (cont.)

LFW 10A: On 1/2/89, MTC disassembled the entire pump assembly, sealed all connections with teflon tape, reassembled the pump, and checked for leaks.

LFW 17: On 1/2/89, MTC installed a liquid level pipe cap.

LFW 18: On 1/3/89, MTC disassembled the entire pump assembly, sealed all connections with teflon tape, reassembled the pump, and checked for leaks. The flowmeter for this well needs to be replaced.

LFW 19: On 1/3/89, MTC disassembled the entire pump assembly, sealed all connections with teflon tape, reassembled the pump, and checked for leaks. The flowmeter for this well needs to be replaced.

LFW 20: On 1/3/89, MTC installed a liquid level pipe cap, disassembled the entire pump assembly, sealed all connections with teflon tape, reassembled the pump, and checked for leaks.

LFW 21: On 1/3/89, MTC disassembled the entire pump assembly, sealed all connections with teflon tape, reassembled the pump, and checked for leaks.

LFW 23: On 1/3/89, MTC installed a liquid level pipe cap.

LFW 24: On 1/3/89, MTC disassembled the entire pump assembly, sealed all connections with teflon tape, reassembled the pump, and checked for leaks.

LFW 25: On 1/3/89, MTC disassembled the entire pump assembly, sealed all connections with teflon tape, reassembled the pump, and checked for leaks.

LRP Series, L-Area Burning/Rubble Pit

LRP 2: On 1/11/89, MTC repaired a wire and successfully tested the pump.

MSB Series, Plume Definition Wells

MSB 27B: On 1/5/89 the pump would not start. On 1/13/89, MTC repaired or replaced the electrical receptacle and successfully tested the pump at 7 gpm. The flowmeter support post needs to be reattached to the concrete pad.

NBG Series, Naval Fuel Material Facility

NBG 1: On 1/13/89, MTC pulled the pump. A set of water-level tape weights were dropped into the standpipe on 12/20/88. The weights need to be removed.

RAC Series, R-Area Acid/Caustic Basin

RAC 1: On 1/9/89, MTC disassembled the entire pump assembly, sealed all connections with teflon tape, reassembled the pump, and checked for leaks.

RAC 2: On 1/9/89, MTC disassembled the entire pump assembly, sealed all connections with teflon tape, reassembled the pump, and checked for leaks.

RAC Series, R-Area Acid/Caustic Basin (cont.)

RAC 3: On 1/9/89, MTC disassembled the entire pump assembly, sealed all connections with teflon tape, reassembled the pump, and checked for leaks.

RAC 4: On 1/9/89, MTC disassembled the entire pump assembly, sealed all connections with teflon tape, reassembled the pump, and checked for leaks.

SBG Series, S-Area Background Wells

SBG 4: On 1/3/89, MTC disassembled the entire pump assembly, sealed all connections with teflon tape, reassembled the pump, and checked for leaks.

SBG 6: On 1/9/89, MTC disassembled the entire pump assembly, sealed all connections with teflon tape, reassembled the pump, and checked for leaks.

SRW Series, Silverton Road Waste Site

SRW 9: On 1/2/89, MTC repaired the yellow chain, disassembled the entire pump assembly, sealed all connections with teflon tape, reassembled the pump, and checked for leaks.

SRW 9A: On 1/2/89, MTC disassembled the entire pump assembly, sealed all connections with teflon tape, reassembled the pump, and checked for leaks.

WELL CONSTRUCTION

The primary source of data for this section is the SRP Monitoring Well Installation Report (DPSOP 254-V-2). Secondary sources include the following:

- South Carolina Department of Health and Environmental Control (SCDHEC) Water Well Record
- SRP Monitoring Well Construction Details
- Field Geologic Log
- SRP Daily Activity Report
- SRP Well Development Report
- Monitor Testing Corporation Pump Data Sheet
- Monitor Testing Corporation Well Completion Report

Sirrine Environmental Consultants, the oversight group, maintained these reports during first quarter 1989. Westinghouse maintained the records for a set of production wells installed in third quarter 1988. Monitor Testing Corporation (MTC) and Graves Well Drilling conducted drilling activities.

Although the **Well Construction** section gathers data from these sources, it does not attempt to replace the original records, from which more detailed information can be obtained. The original records can be found in the Environmental and Health Protection Department Library.

Geologic characteristics were logged as noted for each well. Some wells do not have information about geologic characteristics because geologic characteristics are usually logged only for the deepest well in a cluster. Wireline coring is the most prevalent sampling method used to log the geologic characteristics. For most boreholes logged this way, the drillers set a temporary surface casing as a guide for the core barrel used in wireline coring. In these cases, the drillers use the mud rotary method to drill the first stage of the borehole, set the temporary casing, then begin wireline coring. Consequently, wireline coring begins below ground surface for these wells.

The well start date is the date that well installation personnel first officially visited the well site. All depths and measurements given under Placement in this section are from ground level. Casings were cut off or increased to 2.5 ft above ground level after installation, except as noted. However, because of construction activities, the final distances between top of casing and ground level vary. The actual distances between top of casing and ground

level will be reported in the Surveying section as surveying data are received.

C.S. stands for carbon steel. S.S. stands for stainless steel. The length of the sump includes the plug. All pump placements are measured from ground level to the top of the pump.

Aquifer Test/Production Wells
Mixed Waste Management Facility (MWMF)

These wells were installed to determine aquifer characteristics of the Congaree Formation. HPT 1A and HPT 2A also serve as production wells to meet water requirements for the MWMF closure cap construction. HPT 1B is a piezometer well. Neither ready-for-sampling dates nor acceptance dates were given for these wells. Drilling and sampling methods are noted under each well.

HPT 1A

Core was obtained by wireline coring from 16.0 to 185.0 ft, and lithologies were logged. Geophysical logging was conducted. The borehole was reamed from 0 to 175.0 ft. The well start date is 9/20/88; drilling began 9/20/88; grouting was completed 10/17/88; the pump was installed 11/16/88. The total depth of the borehole is 185.0 ft from ground level. The screen in this well is wire-wrapped PVC.

Item	Type	Length (ft)	Placement (ft)
Casing	6" PVC	125.5	0-123.0
Screen	6" .020 slot PVC	50.5	123.0-173.5
Sump	6" PVC	0.9	173.5-174.4
Pump	Grundfos 135S100-6	N/A	Not reported

HPT 1B

Lithologic logs were prepared during mud rotary drilling. The well start date is 10/6/88; drilling began 10/6/88; grouting was completed 10/12/88; because this is a piezometer well, a pump was not installed. The total depth of the borehole is 112.0 ft from ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	102.5	0-100.0
Screen	4" .015 slot PVC	10.0	100.0-110.0
Sump	4" PVC	0.4	110.0-110.4

HPT 2A

Core was obtained by wireline coring from 16.0 to 215.0 ft, and lithologies were logged. Geophysical logging was conducted. The borehole was backfilled to 205.0 ft and reamed from 0 to 205.0 ft. The well start date is 9/26/88; drilling began 9/26/88; grouting was completed 10/12/88; the pump was installed 11/30/88. The total depth of the borehole is 215.0 ft from ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	147.5	0-145.0
Screen	4" .015 slot PVC	50.2	145.0-195.2
Sump	4" PVC	5.4	195.2-200.6
Pump	Grundfos 75S50-8	N/A	187.5

Production Wells

FSB 1TA

This well was installed to provide water for the F-Area Seepage Basins closure project. Neither an acceptance date nor a ready-for-sampling date was given for this well. Core was obtained by wireline coring from 10.0 to 558.0 ft, and lithologies were logged. Geophysical logging was conducted. The borehole was reamed from 0 to 520.0 ft. A 12-in. surface casing was set and grouted before the well was installed. The well start date is 10/12/88; drilling began 10/12/88; grouting was completed 12/13/88; no pump installation information was given. The total depth of the borehole is 558.0 ft from ground level. The screen in this well is wire-wrapped, slotted, stainless steel. The casing stick-up for this well was only 1.9 ft above ground level, as opposed to the standard 2.5 ft. The sump cap was joined to the bottom of the screen.

Item	Type	Length (ft)	Placement (ft)
Surface Casing	12" S.S.	158.5	0-158.5
Casing	6" S.S.	476.4	0-474.5
Screen	6" .030 slot S.S.	36.3	474.5-510.8

HSB 1TB

This well was installed to provide water for the H-Area Seepage Basins closure project. Neither an acceptance date nor a ready-for-sampling date was given for this well. Core was obtained by wireline coring from 10.0 to 730.0 ft, and lithologies were logged. Geophysical logging was conducted. The borehole was reamed from 0 to 578.0 ft and backfilled from 730.0 to 581.5 ft. The well start date is 9/14/88; drilling began 9/14/88; grouting was completed 12/7/88; no pump installation information was given. The total depth of the borehole is 730.0 ft from ground level. The screen in this well is wire-wrapped, slotted, stainless steel. The sump cap was joined to the bottom of the screen.

Item	Type	Length (ft)	Placement (ft)
Casing	6" S.S.	522.5	0-520.0
Screen	6" .030 slot S.S.	42.2	520.0-562.2
Sump	6" S.S.	0.2	562.2-562.4

ASB Series
Savannah River Laboratory Seepage Basins

Wells in the **ASB Series** were drilled by the mud rotary method. Cores were obtained by wireline coring, and lithologies were logged. Geophysical logging was conducted for both wells. Well **ASB 6AA** was ready for sampling 03/20/89; well **ASB 9C** did not have a ready-for-sampling date. Acceptance dates were not given for these wells. The screens in these wells are wire-wrapped PVC.

ASB 6AA

The well start date is 10/20/88; drilling began 10/20/88; grouting was completed 12/9/88; the pump was installed 2/21/89. The total depth of the borehole is 290.0 ft from ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	271.5	0-269.0
Screen	4" .015 slot PVC	4.7	269.0-273.7
Sump	4" PVC	5.4	273.7-279.1
Pump	Grundfos 10S05-9	N/A	217.5

ASB 9C

The well start date is 2/7/89; drilling began 2/9/89; grouting was completed 2/16/89; the pump was installed 3/14/89. The total depth of the borehole is 202.0 ft from ground level. The borehole was backfilled to 134.7 ft.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	127.5	0-125.0
Screen	4" .015 slot PVC	4.7	125.0-129.7
Sump	4" PVC	5.4	129.7-135.1
Pump	Grundfos 10S05-9	N/A	118.5

BGO Series
Burial Grounds Perimeter Wells

The drilling and sampling methods for wells in the **BGO Series** are noted under each well. **BGO 26D** was the only well for which an acceptance date was given; it was accepted 3/20/89. A ready-for-sampling date was not given for any of these wells.

BGO 26A

Core was obtained by wireline coring from 10.0 to 215.0 ft, and lithologies were logged. The borehole was drilled by the mud rotary method from 0 to 215.0 ft and reamed from 0 to 222.0 ft. Geophysical logging was conducted. The well start date is 1/31/89; drilling began 1/31/89; grouting was completed 3/15/89; no pump installation information was given. The total depth of the borehole is 222.0 ft from ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	196.6	0-194.1
Screen	4" .015 slot PVC	10.0	194.1-204.1
Sump	4" PVC	5.3	204.1-209.4

BGO 26D

Cuttings were obtained by augering from 0 to 25.0 ft, and lithologies were logged. The borehole was then backfilled to ground level. The borehole was drilled by the mud rotary method from 0 to 80.0 ft, and lithologies were logged (25.0 to 80.0 ft). The well start date is 11/29/88; drilling began 11/29/88; grouting was completed 12/02/88; the pump was installed 1/27/89. The total depth of the borehole is 80.0 ft from ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	52.5	0-50.0
Screen	4" .015 slot PVC	20.1	50.0-70.1
Sump	4" PVC	5.4	70.1-75.5
Pump	Grundfos 10S05-9	N/A	68.5

WELL CONSTRUCTION

BGO 27D

Cuttings were obtained by augering from 0 to 20.0 ft, and lithologies were logged. The borehole was then backfilled to ground level. The borehole was drilled by the mud rotary method from 0 to 75.0 ft, and lithologies were logged (20.0 to 75.0 ft). The well start date is 11/21/88; drilling began 11/21/88; grouting was completed 12/5/88; the pump was installed 1/25/89. The total depth of the borehole is 75.0 ft from ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	47.5	0-45.0
Screen	4" .015 slot PVC	20.0	45.0-65.0
Sump	4" PVC	5.0	65.0-70.0
Pump	Grundfos 10S05-9	N/A	63.5

BGO 28D

Cuttings were obtained by augering from 0 to 30.0 ft, and lithologies were logged. The borehole was then backfilled to ground level. The borehole was drilled by the mud rotary method from 0 to 75.0 ft, and lithologies were logged (30.0 to 75.0 ft). The well start date is 11/21/88; drilling began 11/21/88; grouting was completed 12/16/88; the pump was installed 1/25/89. The total depth of the borehole is 75.0 ft from ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	47.5	0-45.0
Screen	4" .015 slot PVC	20.0	45.0-65.0
Sump	4" PVC	5.4	65.0-70.4
Pump	Grundfos 10S05-9	N/A	63.5

BGO 29A

Core was obtained by wireline coring from 10.0 to 196 ft, and lithologies were logged. Geophysical logging was conducted. The borehole was reamed from 0 to 170 ft and backfilled from 196 to 178.9 ft. The well start date is 2/7/89; drilling began 11/21/88; grouting was completed 2/17/89; no pump installation information was given. The total depth of the borehole is 196 ft from ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	152.1	0-149.6
Screen	4" .015 slot PVC	10.0	149.6-159.6
Sump	4" PVC	5.3	159.6-164.9

BGO 32D

Cuttings were obtained by augering from 0 to 30.0 ft, and lithologies were logged. The borehole was then backfilled to ground level. The borehole was drilled by the mud rotary method from 0 to 75.0 ft, and lithologies were logged (30.0 to 75.0 ft). The well start date is 11/29/88; drilling began 11/29/88; grouting was completed 12/16/88; the pump was installed 1/16/89. The total depth of the borehole is 75.0 ft from ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	47.5	0-45.0
Screen	4" .015 slot PVC	20.0	45.0-65.0
Sump	4" PVC	5.0	65.0-70.0
Pump	Grundfos 10S05-9	N/A	62.0

BGO 33D

Cuttings were obtained by augering from 0 to 30.0 ft, and lithologies were logged. The borehole was then backfilled to ground level. The borehole was drilled by the mud rotary method from 0 to 75.0 ft, and lithologies were logged (30.0 to 75.0 ft). The well start date is 11/22/88; drilling began 11/22/88; grouting was completed 12/06/88; the pump was installed 1/17/89. The total depth of the borehole is 75.0 ft from ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	47.5	0-45.0
Screen	4" .015 slot PVC	20.0	45.0-65.0
Sump	4" PVC	5.0	65.0-70.0
Pump	Grundfos 10S05-9	N/A	61.5

BGO 34D

Cuttings were obtained by augering from 0 to 30.0 ft, and lithologies were logged. The borehole was then backfilled to ground level. The borehole was drilled by the mud rotary method from 0 to 70.0 ft, and lithologies were logged (30.0 to 70.0 ft). The well start date was 11/28/88; drilling began 11/28/88; grouting was completed 12/07/88; the pump was installed 1/17/89. The total depth of the borehole is 70.0 ft from ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	42.5	0-40.0
Screen	4" .015 slot PVC	20.0	40.0-60.0
Sump	4" PVC	5.4	60.0-65.4
Pump	Grundfos 10S05-9	N/A	57.5

BGO 35D

Cuttings were obtained by augering from 0 to 25.0 ft, and lithologies were logged. The borehole was then backfilled to ground level. The borehole was drilled by the mud rotary method from 0 to 62.0 ft, and lithologies were logged (25.0 to 62.0 ft). The well start date is 11/28/88; drilling began 11/28/88; grouting was completed 12/8/88; the pump was installed 1/16/89. The total depth of the borehole is 62.0 ft from ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	34.5	0-32.0
Screen	4" .015 slot PVC	20.0	32.0-52.0
Sump	4" PVC	5.4	52.0-57.4
Pump	Grundfos 10S05-9	N/A	50.5

BGO 36D

Cuttings were obtained by augering from 0 to 25.0 ft, and lithologies were logged. The borehole was then backfilled to ground level.. The borehole was drilled by the mud rotary method from 0 to 60.0 ft, and lithologies were logged (25.0 to 60.0 ft). The well start date is 11/29/88; drilling began 11/29/88; grouting was completed 12/8/88; the pump was installed 1/16/89. The total depth of the borehole is 60.0 ft from ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	32.5	0-30.0
Screen	4" .015 slot PVC	20.0	30.0-50.0
Sump	4" PVC	5.4	50.0-55.4
Pump	Grundfos 10S05-9	N/A	48.5

BGO 37D

Cuttings were obtained by augering from 0 to 30.0 ft, and lithologies were logged. The borehole was then backfilled to ground level. The borehole was drilled by the mud rotary method from 0 to 65.0 ft, and lithologies were logged (30.0 to 65.0 ft). The well start date is 11/29/88; drilling began 11/29/88; grouting was completed 12/9/88; the pump was installed 1/16/89. The total depth of the borehole is 65.0 ft from ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	41.5	0-39.0
Screen	4" .015 slot PVC	20.0	39.0-59.0
Sump	4" PVC	5.0	59.0-64.0
Pump	Grundfos 10S05-9	N/A	57.5

BGO 38D

Cuttings were obtained by augering from 0 to 29.0 ft, and lithologies were logged. The borehole was then backfilled to ground level. The borehole was drilled by the mud rotary method from 0 to 77.0 ft, and lithologies were logged (29.0 to 77.0 ft). The well start date is 11/29/88; drilling began 11/29/88; grouting was completed 12/15/88; the pump was installed 1/13/89. The total depth of the borehole is 77.0 ft from ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	49.5	0-47.0
Screen	4" .015 slot PVC	20.0	47.0-67.0
Sump	4" PVC	5.4	67.0-72.4
Pump	Grundfos 10S05-9	N/A	65.5

BGO 39D

Lithologic logs were prepared during mud rotary drilling. The well start date is 12/14/88; drilling began 12/14/88; grouting was completed 12/14/88; the pump was installed 1/13/89. The total depth of the borehole is 79.0 ft from ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	51.5	0-49.0
Screen	4" .015 slot PVC	20.0	49.0-69.0
Sump	4" PVC	5.4	69.0-74.4
Pump	Grundfos 10S05-9	N/A	66.5

FCA Series
F-Area Canyon Building

FCA 19D

Core was obtained by hollow stem augering, and lithologies were logged. The borehole was drilled by the mud rotary method. Geophysical logging was conducted. The well start date is 12/12/88; drilling began 12/14/88; grouting was completed 12/19/88; the pump was installed 1/3/89. The well was ready for sampling 1/3/89 and accepted 1/12/89. The total depth of the borehole is 113.5 ft from ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	82.5	0-80.0
Screen	4" .015 slot PVC	20.0	80.0-100.0
Sump	4" PVC	5.4	100.0-105.4
Pump	Grundfos 10S05-9	N/A	97.5

MSB Series
Hazardous Waste Management Facility and Plume Definition Wells

The drilling and sampling methods for the **MSB Series** are noted under each well. Most of the wells were ready for sampling 3/20/89; however, a ready-for-sampling date was not given for some wells. An acceptance date was not given for any of the wells. Screens in these wells are wire-wrapped PVC.

MSB 15AA

Lithologic logs were prepared from wash cuttings taken during mud rotary drilling. Geophysical logging was conducted. The well start date is 2/13/89; drilling began 2/14/89; grouting was completed 2/20/89; the pump was installed 3/16/89. The total depth of the borehole is 230.0 ft from ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	222.5	0-220.0
Screen	4" .015 slot PVC	4.7	220.0-224.7
Sump	4" PVC	1.4	224.7-226.1
Pump	Grundfos 10S05-9	N/A	214.5

MSB 15D

Cuttings were obtained by augering from 0 to 135.0 ft, and lithologies were logged. The borehole was reamed from 0 to 135.0 ft and drilled by the mud rotary method from 135.0 to 151.0 ft. The well start date is 8/30/88; drilling began 8/30/88; grouting was completed 9/6/88; the pump was installed 2/23/89. The total depth of the borehole is 151.0 ft from ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	127.5	0-125.0
Screen	4" .015 slot PVC	19.5	125.0-144.5
Sump	4" PVC	3.0	144.5-147.5
Pump	Grundfos 10S05-9	N/A	139.5

MSB 17BB

Lithologic logs were prepared during mud rotary drilling from 0 to 259.2 ft. Geophysical logging was conducted. The borehole was backfilled to 233.3 ft and reamed from 180.0 to 233.3 ft. The well start date is 12/13/88; drilling began 12/13/88; grouting was completed 1/9/88; the pump was installed 2/20/89. The total depth of the borehole is 259.2 ft from ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	222.5	0-220.0
Screen	4" .015 slot PVC	4.7	220.0-224.7
Sump	4" PVC	5.4	224.7-230.1
Pump	Grundfos 10S05-9	N/A	214.5

MSB 17D

Cuttings were obtained by augering from 0 to 135.5 ft, and lithologies were logged. The borehole was reamed from 0 to 135.5 ft and drilled by the mud rotary method from 135.5 to 152.5 ft. The well start date is 9/6/88; drilling began 9/6/88; grouting was completed 9/16/88; the pump was installed 2/20/89. The total depth of the borehole is 152.5 ft from ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	127.5	0-125.0
Screen	4" .015 slot PVC	19.5	125.0-144.5
Sump	4" PVC	5.4	144.5-149.9
Pump	Grundfos 10S05-9	N/A	139.5

MSB 21B

The borehole was drilled by the mud rotary method. The well start date is 2/9/89; the date drilling began was not given; grouting was completed 2/20/89; the pump was installed 3/10/89. The total depth of the borehole is 219.8 ft from ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	208.5	0-206.0
Screen	4" .015 slot PVC	4.7	206.0-210.7
Sump	4" PVC	5.4	210.7-216.1
Pump	Grundfos 10S05-9	N/A	200.5

MSB 26B

The borehole was drilled by the mud rotary method. Core was obtained by wire-line coring from 200.0 to 329.0 ft, and lithologies were logged. Geophysical logging was conducted. The borehole was backfilled to 230.0 ft. The well start date is 2/3/89; drilling began 2/2/89; grouting was completed 2/13/89; the pump was installed 3/15/89. The total depth of the borehole is 329.0 ft from ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	226.3	0-223.8
Screen	4" .015 slot PVC	4.8	223.8-228.6
Sump	4" PVC	1.3	228.6-229.9
Pump	Grundfos 10S05-9	N/A	217.5

WELL CONSTRUCTION

MSB 29DD

Lithologic logs were prepared during mud rotary drilling. The well start date is 8/11/88; drilling began 8/12/88; grouting was completed 8/23/88; because this is a piezometer well, a pump was not installed. The total depth of the borehole is 140.0 ft from ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	2" PVC	114.5	0-112.0
Screen	2" .015 slot PVC	20.0	112.0-132.0
Sump	2" point	0.5	132.0-132.5

MSB 31CC

Lithologic logs were prepared from wash cuttings taken during mud rotary drilling. Geophysical logging was conducted. The well start date is 2/16/89; drilling began 2/16/89; grouting was completed 2/27/89; the pump was installed 3/17/89. The total depth of the borehole is 235 ft from ground level. The borehole was backfilled to 180.5 ft.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	167.5	0-165.0
Screen	4" .015 slot PVC	4.7	165.0-169.7
Sump	4" PVC	5.4	169.7-175.1
Pump	Grundfos 10S05-9	N/A	164.5

MSB 38B

Core was obtained by wireline coring from 145.7 to 220.5 ft, and lithologies were logged. The borehole was reamed from 0 to 220 ft. The well start date is 9/29/88; drilling began 9/30/88; grouting was completed 10/19/88; the pump was installed 2/16/89. The total depth of the borehole is 220.5 ft from ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	213.0	0-210.5
Screen	4" .015 slot PVC	4.7	210.5-215.2
Sump	4" PVC	2.1	215.2-217.3
Pump	Grundfos 10S05-9	N/A	204.5

MSB 38C

The borehole was drilled by the mud rotary method. The well start date is 10/7/88; the date drilling began was not given; grouting was completed 10/20/88; the pump was installed 2/16/89. The total depth of the borehole is 203.0 ft from ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	190.3	0-187.8
Screen	4" .015 slot PVC	4.7	187.8-192.5
Sump	4" PVC	5.4	192.5-197.9
Pump	Grundfos 10S05-9	N/A	181.5

MSB 38D

Cuttings were obtained by augering from 0 to 125 ft, and lithologies were logged. The borehole was reamed from 0 to 125 ft and drilled by the mud rotary method from 125 to 144 ft. The well start date is 9/12/88; drilling began 9/12/88; grouting was completed 9/16/88; the pump was installed 2/17/89. The total depth of the borehole is 144 ft from ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	118.5	0-116.0
Screen	4" .015 slot PVC	19.5	116.0-135.5
Sump	4" PVC	5.5	135.5-141.0
Pump	Grundfos 10S05-9	N/A	124.5

MSB 43DD

Samples were obtained by dry hollow stem augering from 0 to 134.5 ft, and lithologies were logged. The borehole was reamed from 0 to 135.5 ft. The well start date is 8/15/88; drilling began 8/16/88; grouting was completed 8/23/88; because this is a piezometer well, a pump was not installed. The total depth of the borehole is 135.5 ft from ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	2" PVC	115.5	0-113.0
Screen	2" .015 slot PVC	20.1	113.0-133.1
Sump	2" point	0.4	133.1-133.5

WELL CONSTRUCTION

MSB 49A

Core was obtained by wireline coring from 200.0 to 270.3 ft, and lithologies were logged. Geophysical logging was conducted. The well start date is 1/3/89; drilling began 1/12/88; grouting was completed 1/20/89; the pump was installed 3/14/89. The total depth of the borehole is 270.3 ft from ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	258.5	0-256.0
Screen	4" .015 slot PVC	4.7	256.0-260.7
Sump	4" PVC	1.4	260.7-262.1
Pump	Grundfos 10S05-9	N/A	217.5

MSB 53B

Core was obtained by wireline coring from 150.0 to 268.0 ft, and lithologies were logged. Geophysical logging was conducted. The borehole was backfilled to 203.0 ft and reamed from 0 to 203.0 ft. The well start date is 1/30/89; drilling began 1/31/89; grouting was completed 2/7/89; the pump was installed 3/9/89. The total depth of the borehole is 268.0 ft from ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	192.5	0-190.0
Screen	4" .015 slot PVC	4.7	190.0-194.7
Sump	4" PVC	5.4	194.7-200.1
Pump	Grundfos 10S05-9	N/A	184.5

MSB 65D

Cuttings were obtained by augering from 0 to 120.0 ft, and lithologies were logged. The borehole was reamed from 0 to 120.0 ft and drilled by the mud rotary method from 120.0 to 135.0 ft. The well start date is 9/16/88; drilling began 9/16/88; grouting was completed 10/12/88; the pump was installed 2/21/89. The total depth of the borehole is 135.0 ft from ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	105.7	0-103.2
Screen	4" .015 slot PVC	19.5	103.2-122.7
Sump	4" PVC	5.5	122.7-128.2
Pump	Grundfos 10S05-9	N/A	117.5

MSB 66B

The borehole was drilled by the mud rotary method. The well start date is 11/1/88; the date drilling began was not given; grouting was completed 11/17/88; the pump was installed 2/17/89. The total depth of the borehole is 250 ft from ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	240.0	0-237.5
Screen	4" .015 slot PVC	4.7	237.5-242.2
Sump	4" PVC	5.4	242.2-247.6
Pump	Grundfos 10S05-9	N/A	217.5

MSB 66C

The borehole was drilled by the mud rotary method. The well start date is 11/9/88; the date drilling began was not given; grouting was completed 11/28/88; the pump was installed 3/16/89. The total depth of the borehole is 219.7 ft from ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	213.0	0-210.5
Screen	4" .015 slot PVC	4.7	210.5-215.2
Sump	4" PVC	2.9	215.2-218.1
Pump	Grundfos 10S05-9	N/A	214.5

MSB 66D

The borehole was drilled by the mud rotary method. The well start date is 11/21/88; the date drilling began was not given; grouting was completed 12/21/88. The total depth of the borehole is 170.0 ft from ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	144.5	0-142.0
Screen	4" .015 slot PVC	19.5	142.0-161.5
Sump	4" PVC	5.4	161.5-166.9

During initial development of MSB 66D, formation sediments and gravel pack seeped into the well, indicating that the upper screen or lower casing had broken. The well was cleaned out with a 3.9-in. bit and flushed. On 2/20/89,

a 2-in. PVC casing was installed inside the 4-in. casing to salvage the well. On 3/3/89, a special hand pump was installed inside the 2-in. casing. The dimensions of the rehabilitated well are as follows:

Item	Type	Length (ft)	Placement (ft)
Casing	2" PVC	134.6	0-132.1
Screen	2" .015 slot PVC	30.1	132.1-162.1
Sump	2" point	0.5	162.1-162.6
Pump	Brainard Kilman 1.7" hand pump	N/A	159.5

MSB 66TA

Core was obtained by wireline coring from 260 to 350 ft, and lithologies were logged. Geophysical logging was conducted. The borehole was backfilled from 306 to 257 ft and reamed from 0 to 260 ft. The first surface casing was set and grouted. The borehole was reamed from 260 to 316.5 ft, and the second surface casing was set and grouted. The borehole was backfilled from 350 to 325 ft. The borehole was reamed from 316.5 to 350 ft and drilled by the mud rotary method from 350 to 358 ft. The well start date is 9/2/88; drilling began 9/6/88; grouting was completed 12/21/88; the pump was installed 2/17/89. The total depth of the borehole is 358.0 ft from ground level.

Item	Type	Length (ft)	Placement (ft)
Surface Casing	12" C.S.	259.0	0-259.0
Surface Casing	8" C.S.	314.0	0-314.0
Casing	4" PVC	347.5	0-345.0
Screen	4" .015 slot PVC	4.7	345.0-349.7
Sump	4" PVC	5.4	349.7-355.1
Pump	Grundfos 10S05-9	N/A	217.5

MSB 67B

Core was obtained by wireline coring from 10.0 to 279.0 ft, and lithologies were logged. Geophysical logging was conducted. The borehole was reamed from 0 to 240.5 ft and backfilled to 240.0 ft. The well start date is 10/24/88; drilling began 10/11/88; grouting was completed 11/9/88; the pump was installed 2/28/89. The total depth of the borehole is 279.0 ft from ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	230.3	0-227.8
Screen	4" .015 slot PVC	4.8	227.8-232.6
Sump	4" PVC	5.4	232.6-238.0
Pump	Grundfos 10S05-9	N/A	222.5

MSB 67C

Lithologic logs were prepared during mud rotary drilling. The well start date is 10/31/88; drilling began 11/1/88; grouting was completed 11/11/88; the pump was installed 2/28/89. The total depth of the borehole is 201.9 ft from ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	190.3	0-187.8
Screen	4" .015 slot PVC	4.8	187.8-192.6
Sump	4" PVC	5.4	192.6-198.0
Pump	Grundfos 10S05-9	N/A	183.5

MSB 67D

The borehole was drilled by augering from 0 to 135.0 ft and by the mud rotary method from 135.0 to 141.9 ft. The borehole was reamed from 0 to 135.0 ft. The well start date is 11/7/88; the date drilling began was not given; grouting was completed 11/11/88; the pump was installed 2/28/89. The total depth of the borehole is 141.9 ft from ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	124.5	0-122.0
Screen	4" .015 slot PVC	19.5	122.0-141.5
Sump	4" PVC	0.4	141.5-141.9
Pump	Grundfos 10S05-9	N/A	136.5

MSB 68B

Lithologic logs were prepared during mud rotary drilling. Geophysical logging was conducted. The well start date is 11/14/88; drilling began 11/15/88; grouting was completed 12/1/88; the pump was installed 2/27/89. The total depth of the borehole is 249.5 ft from ground level. The borehole was backfilled to 235.6 ft.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	224.5	0-222.0
Screen	4" .015 slot PVC	4.7	222.0-226.7
Sump	4" PVC	5.4	226.7-232.1
Pump	Grundfos 10S05-9	N/A	216.5

MSB 68C

The borehole was drilled by the mud rotary method. The well start date is 12/2/88; the date drilling began was not given; grouting was completed 12/14/88; the pump was installed 2/27/89. The total depth of the borehole is 196.0 ft from ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	185.5	0-183.0
Screen	4" .015 slot PVC	4.7	183.0-187.7
Sump	4" PVC	5.4	187.7-193.1
Pump	Grundfos 10S05-9	N/A	167.5

MSB 68D

The borehole was drilled by the mud rotary method. The well start date is 11/21/88; the date drilling began was not given; grouting was completed 12/6/88; the pump was installed 2/27/89. The total depth of the borehole is 139.6 ft from ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	117.5	0-115.0
Screen	4" .015 slot PVC	19.5	115.0-134.5
Sump	4" PVC	2.8	134.5-137.3
Pump	Grundfos 10S05-9	N/A	129.5

MSB 69B

Lithologic logs were prepared from wash cuttings taken during mud rotary drilling. The well start date is 1/23/89; drilling began 1/23/89; grouting was completed 1/26/89; the pump was installed 2/22/89. The total depth of the borehole is 248.0 ft from ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	237.5	0-235.0
Screen	4" .015 slot PVC	4.7	235.0-239.7
Sump	4" PVC	5.7	239.7-245.4
Pump	Grundfos 10S05-9	N/A	231.5

MSB 69C

The borehole was drilled by the mud rotary method. The well start date is 1/25/89; the date drilling began was not given; grouting was completed 1/31/89; the pump was installed 2/22/89. The total depth of the borehole is 219.0 ft from ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	206.5	0-204.0
Screen	4" .015 slot PVC	4.7	204.0-208.7
Sump	4" PVC	5.4	208.7-214.1
Pump	Grundfos 10S05-9	N/A	200.5

MSB 69D

The borehole was drilled by the mud rotary method. The well start date is 1/27/89; the date drilling began was not given; grouting was completed 2/1/89; the pump was installed 3/15/89. The total depth of the borehole is 168.7 ft from ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	142.5	0-140.0
Screen	4" .015 slot PVC	19.5	140.0-159.5
Sump	4" PVC	5.7	159.5-165.2
Pump	Grundfos 10S05-9	N/A	153.5

MSB 69TA

Core was obtained by wireline coring from 260.0 to 360.0 ft, and lithologies were logged. Geophysical logging was conducted. The borehole was backfilled to 312.0 ft, reamed from 0 to 312.0 ft, and reamed from 0 to 268.0 ft. The surface casing was set and grouted, and the well was installed. The well start date is 12/16/88; drilling began 12/21/88; grouting was completed 1/26/89. The standard 1/2-horsepower pump was installed 2/22/89 and was replaced by a 1-horsepower pump 3/31/89. The total depth of the borehole is 360.0 ft from ground level.

Item	Type	Length (ft)	Placement (ft)
Surface Casing	12" C.S	265.0	0-265.0
Casing	4" C.S.	301.5	0-299.0
Screen	4" .015 slot S.S.	5.7	299.0-304.7
Sump	4" S.S.	5.3	304.7-310.0
Pump	Grundfos 10S10-15	N/A	292.5

MSB 70C

Core was obtained by wireline coring from 7.0 to 220.0 ft, and lithologies were logged. Geophysical logging was conducted. The borehole was reamed from 0 to 191.5 ft. The well start date is 8/2/88; drilling began 8/2/88; grouting was completed 8/29/88; the pump was installed 2/20/89. The total depth of the borehole is 220 ft from ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	183.5	0-181.0
Screen	4" .015 slot PVC	4.7	181.0-185.7
Sump	4" PVC	3.0	185.7-188.7
Pump	Grundfos 10S05-9	N/A	176.5

MSB 71B

Core was obtained by wireline coring from 10.0 to 240.0 ft, and lithologies were logged. Geophysical logging was conducted. The borehole was backfilled to 222.2 ft and reamed from 0 to 222.2 ft. The well start date is 10/14/88; drilling began 10/4/88; grouting was completed 10/28/88; the pump was installed 2/20/89. The total depth of the borehole is 240.0 ft from ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	209.5	0-207.0
Screen	4" .015 slot PVC	4.8	207.0-211.8
Sump	4" PVC	5.5	211.8-217.3
Pump	Grundfos 10S05-9	N/A	201.5

MSB 72B

Coroe was obtained by wireline coring from 10.0 to 186.0 ft, and lithologies were logged. Geophysical logging was conducted. The borehole was reamed from 0 to 185.0 ft. The well start date is 1/23/89; drilling began 1/23/89; grouting was completed 1/31/89; the pump was installed 3/16/89. The total depth of the borehole is 186.0 ft from ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	172.5	0-170.0
Screen	4" .015 slot PVC	4.7	170.0-174.7
Sump	4" PVC	5.5	174.7-180.2
Pump	Grundfos 10S05-9	N/A	164.5

MSB 73B

Lithologic logs were prepared from wash cuttings taken during mud rotary drilling. Geophysical logging was conducted. The well start date is 1/31/89; drilling began 2/1/89; grouting was completed 2/3/89; the pump was installed 3/16/89. The total depth of the borehole is 243 ft from ground level. The borehole was backfilled to 216 ft.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	204.5	0-202.0
Screen	4" .015 slot PVC	4.7	202.0-206.7
Sump	4" PVC	5.4	206.7-212.1
Pump	Grundfos 10S05-9	N/A	195.5

WELL STABILIZATION

Because the water in a newly installed well may be influenced by the grout, pH and specific conductance tests were performed for the following wells. Measurements were made on the first water withdrawn from the well and at one-well-volume intervals until stabilization. A minimum of four volumes was pumped from each well, except as noted. (gpm = gallons per minute).

ASB 6AA
March 31, 1989
One well volume = 90.2 gal

Well Vol.	pH	Sp. Cond. (µmhos/cm)	Water Temp. (°C)	Comments
0	12.7	6,680	18.8	Clear; slightly foamy
1	12.2	2,900	18.9	Moderately turbid; very light brown
2	11.8	1,261	19.1	Moderately turbid; very light brown
3	11.6	785	19.3	Moderately turbid; very light brown
4	11.4	580	19.4	Moderately turbid; very light brown
5	11.2	448	19.5	Moderately turbid; very light brown
6	11.1	377	19.6	Moderately turbid; very light brown
7	11.0	308	19.7	Moderately turbid; very light brown
8	10.8	258	19.8	Moderately turbid; very light brown
9	10.7	224	19.8	Moderately turbid; very light brown
10	10.6	205	20.0	Moderately turbid; very light brown
11	10.5	192	20.1	Moderately turbid; very light brown
12	10.4	176	20.1	Moderately turbid; very light brown
13	10.3	168	20.3	Moderately turbid; very light brown
14	10.2	156	20.0	Moderately turbid; very light brown
15	10.2	155	20.0	Moderately turbid; very light brown

WELL STABILIZATION

ASB 9C
March 30, 1989
One well volume = 26.7 gal

Well Vol.	pH	Sp. Cond. (µmhos/cm)	Water Temp. (°C)	Comments
0	6.7	245	19.6	Weakly turbid; light brown
1	6.0	105	19.4	Moderately turbid; light brown; surges
2	5.8	79	19.7	Strongly turbid; light brown; surges
3	5.8	78	19.5	Moderately turbid; light brown; surges
4	5.7	74	19.7	Moderately turbid; light brown; surges
5	5.7	71	19.5	Weakly turbid; light brown; surges

MSB 15AA
March 29, 1989
One well volume = 47.0 gal

Well Vol.	pH	Sp. Cond. (µmhos/cm)	Water Temp. (°C)	Comments
0	11.9	1,715	20.0	Clear
1	10.8	302	20.3	Weakly turbid; light brown
2	9.0	119	20.0	Clear
3	6.5	82	20.1	Clear
4	6.1	60	20.6	Clear
5	6.0	60	20.6	Clear

MSB 15D
March 29, 1989
One well volume = 6.8 gal

Well Vol.	pH	Sp. Cond. (µmhos/cm)	Water Temp. (°C)	Comments
0	5.0	36	20.9	Weakly turbid; light brown; dry after 5 gal (1301 hrs)

March 29, 1989 (1815 hrs)

Well Vol.	pH	Sp. Cond. (µmhos/cm)	Water Temp. (°C)	Comments
0	5.8	70	20.3	Weakly turbid; light brown

MSB 17BB
March 26, 1989
One well volume = 52.1 gal

Well Vol.	pH	Sp. Cond. (µmhos/cm)	Water Temp. (°C)	Comments
0	10.4	226	20.5	Weakly turbid; light brown
1	5.3	96	20.5	Clear
2	5.3	99	20.5	Clear
3	5.3	102	20.6	Clear
4	5.3	105	20.4	Clear

MSB 17D
March 26, 1989
One well volume = 9.4 gal

Well Vol.	pH	Sp. Cond. (µmhos/cm)	Water Temp. (°C)	Comments
0	5.7	54	20.2	Very weakly turbid; light brown
1	5.6	43	19.5	Clear; surges
2	5.3	33	19.2	Weakly turbid; surges
3	5.4	37	19.1	Weakly turbid; surges
4	5.2	37	19.5	Clear; surges
5	5.2	35	19.3	Very weakly turbid; light brown; surges

MSB 21B
March 31, 1989
One well volume = 51.3 gal

Well Vol.	pH	Sp. Cond. (µmhos/cm)	Water Temp. (°C)	Comments
0	11.7	1,131	19.5	Weakly turbid; light brown
1	9.5	101	19.3	Weakly turbid; light brown
2	7.0	72	19.0	Weakly turbid; light brown
3	6.6	60	19.1	Weakly turbid; light brown
4	6.5	53	19.1	Weakly turbid; light brown
5	6.4	50	19.2	Weakly turbid; light brown
6	6.3	48	19.2	Very weakly turbid; light brown
7	6.3	45	19.2	Very weakly turbid; light brown

WELL STABILIZATION

MSB 26B
March 30, 1989
One well volume = 56.6 gal

Well Vol.	pH	Sp. Cond. (µmhos/cm)	Water Temp. (°C)	Comments
0	11.8	2,440	20.0	Weakly turbid; light brown
1	6.2	86	19.3	Very weakly turbid; light brown
2	6.2	69	19.2	Clear
3	6.1	68	19.3	Clear
4	6.1	62	19.1	Clear

MSB 31CC
March 30, 1989
One well volume = 24.2 gal

Well Vol.	pH	Sp. Cond. (µmhos/cm)	Water Temp. (°C)	Comments
0	9.6	211	20.7	Moderately turbid; light brown
1	9.3	170	21.4	Clear
2	8.9	142	21.1	Very weakly turbid; light brown
3	8.1	124	20.8	Very weakly turbid; light brown
4	7.7	124	20.8	Clear
5	7.4	119	20.6	Clear
6	7.3	120	20.6	Clear

MSB 38B
March 25, 1989
One well volume = 47.9 gal

Well Vol.	pH	Sp. Cond. (µmhos/cm)	Water Temp. (°C)	Comments
0	11.3	542	19.5	Moderately turbid; light brown
1	6.7	87	19.5	Weakly turbid; light brown
2	6.4	70	19.5	Weakly turbid; light brown
3	6.1	59	19.6	Weakly turbid; light brown
4	6.1	56	19.6	Very weakly turbid; light brown

MSB 38C
March 25, 1989
One well volume = 35.3 gal

Well Vol.	pH	Sp. Cond. (µmhos/cm)	Water Temp. (°C)	Comments
0	9.2	214	19.4	Moderately turbid; light brown
1	6.9	178	19.7	Moderately turbid; light brown
2	6.3	125	19.6	Weakly turbid; light brown; surges
3	6.2	114	19.9	Weakly turbid; light brown; surges
4	6.1	110	19.8	Clear; surges
5	6.1	108	19.7	Clear; surges

MSB 38D
March 25, 1989
The well was dry.

MSB 49A
March 24, 1989
One well volume = 79.9 gal

Well Vol.	pH	Sp. Cond. (µmhos/cm)	Water Temp. (°C)	Comments
0	9.6	125	17.6	Clear
1	6.0	56	18.1	Clear; surges
2	5.4	33	18.0	Clear; surges
3	5.2	29	18.3	Clear; surges
4	5.0	28	18.6	Clear; surges
5	5.0	28	18.0	Clear; surges

MSB 53B
March 29, 1989
One well volume = 47.7 gal

Well Vol.	pH	Sp. Cond. (µmhos/cm)	Water Temp. (°C)	Comments
0	10.8	235	19.3	Clear
1	5.9	38	18.5	Weakly turbid; light brown
2	5.8	34	18.4	Weakly turbid; light brown
3	5.8	31	18.4	Very weakly turbid; light brown
4	5.7	28	18.4	Very weakly turbid; light brown
5	5.6	27	18.4	Very weakly turbid; light brown

WELL STABILIZATION

MSB 65D
March 25, 1989
One well volume = 6.0 gal

Well Vol.	pH	Sp. Cond. (µmhos/cm)	Water Temp. (°C)	Comments
0	5.4	65	19.9	Weakly turbid; light brown
1	5.3	40	19.1	Weakly turbid; light brown
2	5.2	34	19.5	Weakly turbid; light brown
3	5.1	32	19.9	Very weakly turbid; light brown
4	5.2	33	20.0	Weakly turbid; light brown
5	5.1	32	20.6	Clear
6	5.1	32	20.2	Weakly turbid; light brown

MSB 66B
March 30, 1989
One well volume = 51.9 gal

Well Vol.	pH	Sp. Cond. (µmhos/cm)	Water Temp. (°C)	Comments
0	12.5	7,960	19.9	Weakly turbid; light brown
1	11.6	1,047	19.9	Strongly turbid; brown
2	11.3	625	20.0	Strongly turbid; brown
3	11.2	373	19.7	Strongly turbid; brown
4	11.0	346	19.9	Strongly turbid; yellowish brown
5	10.9	236	19.7	Strongly turbid; yellowish brown
6	10.8	258	19.9	Strongly turbid; yellowish brown
7	10.6	204	19.9	Strongly turbid; yellowish brown
8	10.5	181	20.0	Strongly turbid; yellowish brown
9	10.4	171	20.0	Strongly turbid; yellowish brown
10	10.4	168	20.0	Strongly turbid; yellowish brown

MSB 66C
March 30, 1989
One well volume = 41.4 gal

Well Vol.	pH	Sp. Cond. (µmhos/cm)	Water Temp. (°C)	Comments
0	7.1	151	19.8	Strongly turbid; yellowish brown
1	6.9	109	20.0	Strongly turbid; yellowish brown
2	6.4	74	20.0	Strongly turbid; yellowish brown
3	6.3	59	20.0	Strongly turbid; yellowish brown
4	6.1	54	20.1	Strongly turbid; yellowish brown
5	6.0	50	20.2	Strongly turbid; yellowish brown
6	5.9	46	20.1	Strongly turbid; yellowish brown
7	5.8	43	20.2	Strongly turbid; yellowish brown
8	5.8	42	20.1	Strongly turbid; yellowish brown

MSB 66D
March 30, 1989
The pump would not work.

MSB 66TA
March 30, 1989
One well volume = 112.9 gal

Well Vol.	pH	Sp. Cond. (µmhos/cm)	Water Temp. (°C)	Comments
0	6.4	66	20.0	Clear
1	6.4	57	19.6	Clear
2	6.1	46	19.6	Clear
3	5.8	41	19.7	Clear
4	6.0	40	19.5	Clear
5	6.0	39	19.5	Clear

MSB 67B
March 25, 1989
One well volume = 49.5 gal

Well Vol.	pH	Sp. Cond. (µmhos/cm)	Water Temp. (°C)	Comments
0	11.8	1,200	19.6	Clear
1	9.7	111	19.5	Weakly turbid; light brown
2	7.7	87	19.2	Very weakly turbid; light brown
3	6.9	78	19.5	Very weakly turbid; light brown
4	6.8	68	19.4	Very weakly turbid; light brown
5	6.5	63	19.3	Very weakly turbid; light brown
6	6.5	59	19.6	Very weakly turbid; light brown

MSB 67C
March 25, 1989
One well volume = 37.4 gal

Well Vol.	pH	Sp. Cond. (µmhos/cm)	Water Temp. (°C)	Comments
0	12.0	1,980	19.5	Moderately turbid; light brown; odor
1	10.0	175	19.2	Moderately turbid; light brown; odor
2	7.1	109	19.2	Moderately turbid; light brown; odor
3	6.9	101	19.2	Moderately turbid; light brown; odor
4	6.6	90	19.2	Moderately turbid; light brown; odor
5	6.5	83	19.2	Weakly turbid; light brown; odor
6	6.5	80	19.2	Weakly turbid; light brown; odor

WELL STABILIZATION

MSB 67D
March 25, 1989
One well volume = 8.0 gal

Well Vol.	pH	Sp. Cond. (µmhos/cm)	Water Temp. (°C)	Comments
0	6.8	218	20.0	Weakly turbid; light brown
1	6.8	233	20.3	Very weakly turbid; light brown; pump rate < 1 gpm
2	6.7	213	20.2	Clear; pump rate < 0.5 gpm
3	6.5	207	20.7	Clear; pump rate < 0.5 gpm
4	6.6	190	20.5	Clear; pump rate < 0.5 gpm
5	6.3	177	20.7	Clear; pump rate < 0.5 gpm
6	6.3	173	20.7	Clear; pump rate < 0.5 gpm

MSB 68B
March 25, 1989
One well volume = 58.1 gal

Well Vol.	pH	Sp. Cond. (µmhos/cm)	Water Temp. (°C)	Comments
0	10.1	109	19.6	Moderately turbid; light brown
1	5.4	29	19.7	Clear
2	5.3	27	19.6	Clear
3	5.3	27	19.6	Clear
4	5.3	27	19.5	Clear

MSB 68C
March 25, 1989
One well volume = 42.2 gal

Well Vol.	pH	Sp. Cond. (µmhos/cm)	Water Temp. (°C)	Comments
0	9.4	111	19.8	Weakly turbid; light brown
1	5.5	37	19.8	Clear
2	5.5	36	19.7	Clear
3	5.5	35	19.7	Clear
4	5.5	34	19.8	Clear

MSB 68D
March 25, 1989
One well volume = 8.9 gal

Well Vol.	pH	Sp. Cond. (µmhos/cm)	Water Temp. (°C)	Comments
0	5.9	90	20.2	Moderately turbid; light brown
1	5.5	68	19.8	Weakly turbid; light brown
2	5.4	65	19.6	Very weakly turbid; light brown
3	5.4	63	19.5	Very weakly turbid; light brown
4	5.3	62	19.4	Clear
5	5.3	62	19.4	Clear

MSB 69B
March 26, 1989
One well volume = 52.2 gal

Well Vol.	pH	Sp. Cond. (µmhos/cm)	Water Temp. (°C)	Comments
0	6.1	57	20.0	Clear
1	6.4	56	19.6	Clear
2	6.0	46	20.0	Clear
3	5.9	43	19.8	Clear
4	5.8	39	20.0	Clear
5	5.8	38	20.0	Clear

MSB 69C
March 26, 1989
One well volume = 37.1 gal

Well Vol.	pH	Sp. Cond. (µmhos/cm)	Water Temp. (°C)	Comments
0	9.9	166	20.0	Clear; dry after 27 gal (1525 hrs)

March 26, 1989 (1710 hrs)

Well Vol.	pH	Sp. Cond. (µmhos/cm)	Water Temp. (°C)	Comments
0	10.1	194	20.1	Clear

WELL STABILIZATION

MSB 69D
March 26, 1989
One well volume = 8.5 gal

Well Vol.	pH	Sp. Cond. (µmhos/cm)	Water Temp. (°C)	Comments
0	5.2	32	19.8	Clear
1	5.2	30	19.4	Clear
2	5.3	30	19.3	Clear
3	5.3	30	19.2	Clear
4	5.3	30	19.2	Clear
5	5.3	30	19.1	Clear
6	5.2	30	19.1	Clear
7	5.2	30	19.1	Clear

MSB 69TA
March 26, 1989
One well volume = 90.1 gal

Well Vol.	pH	Sp. Cond. (µmhos/cm)	Water Temp. (°C)	Comments
0	10.7	341	20.5	Clear; dry after 35 gal (1428 hrs)

March 26, 1989 (1655 hrs)

Well Vol.	pH	Sp. Cond. (µmhos/cm)	Water Temp. (°C)	Comments
0	10.9	413	21.3	Clear

MSB 70C
March 24, 1989
One well volume = 28.4 gal

Well Vol.	pH	Sp. Cond. (µmhos/cm)	Water Temp. (°C)	Comments
0	10.0	277	16.9	Weakly turbid; light brown
1	9.3	250	17.9	Clear; surges
2	6.7	199	17.7	Clear; surges
3	6.4	187	17.8	Clear; surges
4	6.3	180	17.8	Clear; surges
5	6.2	176	17.8	Clear; surges
6	6.2	172	17.9	Clear; surges
7	6.2	171	18.0	Clear; surges

MSB 71B
March 24, 1989
One well volume = 56.2 gal

Well Vol.	pH	Sp. Cond. (µmhos/cm)	Water Temp. (°C)	Comments
0	7.6	217	17.2	Weakly turbid; light brown; dry after 39 gal (1044 hrs)

March 24, 1989 (1800 hrs)

Well Vol.	pH	Sp. Cond. (µmhos/cm)	Water Temp. (°C)	Comments
0	9.8	242	18.1	Weakly turbid; light brown

MSB 72B
March 25, 1989
One well volume = 30.5 gal

Well Vol.	pH	Sp. Cond. (µmhos/cm)	Water Temp. (°C)	Comments
0	5.5	31	19.0	Weakly turbid; light brown
1	5.5	47	18.9	Moderately turbid; light brown
2	5.4	35	19.4	Moderately turbid; light brown
3	5.4	30	19.3	Moderately turbid; light brown
4	5.3	27	19.3	Moderately turbid; light brown
5	5.3	26	19.4	Weakly turbid; light brown

MSB 73B
March 24, 1989
One well volume = 45.3 gal

Well Vol.	pH	Sp. Cond. (µmhos/cm)	Water Temp. (°C)	Comments
0	8.7	130	18.8	Very weakly turbid; light brown
1	6.3	88	19.0	Clear
2	5.1	49	19.0	Weakly turbid; light brown; surges
3	5.0	45	19.0	Weakly turbid; light brown; surges
4	4.9	43	18.8	Weakly turbid; light brown; surges

WELL STABILIZATION

ZBG 1A
March 29, 1989
One well volume = 4.0 gal

Well Vol.	pH	Sp. Cond. (µmhos/cm)	Water Temp. (°C)	Comments
0	5.8	32	17.9	-
1	5.8	32	16.0	Dry after bailing 7.2 gal

March 30, 1989

Well Vol.	pH	Sp. Cond. (µmhos/cm)	Water Temp. (°C)	Comments
0	5.7	30	16.0	Weakly turbid; light brown

CORING

The primary source of data for this section is the Field Geologic Logs. SRS Daily Activities Reports, Monitor Testing Corporation's Daily Reports, and GEI Consultants' lithologic logs are secondary sources. Sirrine Environmental Consultants, C.B. Shedrow Environmental Consultants (CBSEC), and GEI Consultants, Inc., the oversight groups, kept these records during first quarter 1989. Monitor Testing Corporation and Graves Well Drilling performed the drilling.

Fourth Quarter 1988 Corings

L Area

Twelve hydropunch borings (B1 through B12) were made between 12/1/88 and 12/7/88 to gain clearance to construct a new building in 100 L Area. The cores were drilled by hollow stem augering with split spoon sampling, and the boreholes were backfilled. Each core is 20 ft long and was analyzed for radioactive constituents.

The following cores were taken by mud rotary drilling with split spoon sampling to assess seismic risk.

Core ID	Drilling Completed	Depth (ft)
L 201	12/21/88	167
L 203	12/08/88	137
L 204	12/15/88	182

First Quarter 1989 Corings

Central Shops Sanitary Sewage Sludge Lagoon

The following cores were taken by hollow stem augering with split spoon sampling. The cores were taken to evaluate the extent of diesel fuel in the area and to determine the feasibility of an *in situ* bioremediation project.

Core ID	Drilling Completed	Depth (ft)
SL 1	02/06/89	46
SL 2	02/07/89	46

CORING

L Area

The following cores were taken by mud rotary drilling with split spoon sampling. The cores were taken in L Area to assess seismic risk. Slope inclinometers were installed in boreholes L 202 and L 205. A core was taken and labeled L 207; however, no data were recorded for this core.

Core ID	Drilling Completed	Depth (ft)
L 202	01/04/89	179
L 205	01/13/89	179
L 206	01/18/89	171.5

SURVEYING

The source of data for this section is a database maintained by Surveying and Mapping Consultants of Tigerville, South Carolina. Surveying and Mapping Consultants conducted the following surveying between 1/1/89 and 3/31/89. Elevations are in feet above mean sea level.

Well ID	SRS Coordinates North	SRS Coordinates East	Top of Casing Elevation	Ground Elevation	Final Height of Casing Above Ground
ASB 6AA	105726.96	52643.91	354.18	351.8	2.38
ASB 9C	104568.05	54201.11	309.94	307.9	2.04
FCA 19D	78271.86	53719.14	311.60	309.7	1.90
HAP 1	71209.79	63398.78	289.13	287.3	1.83
HAP 2	71122.87	63519.77	289.85	287.9	1.95
MSB 15AA	102953.20	48818.46	369.45	367.4	2.05
MSB 15D	102971.23	48827.45	368.83	366.7	2.13
MSB 17BB	102009.46	46220.84	359.34	357.6	1.74
MSB 17D	102056.87	46226.16	360.16	358.1	2.06
MSB 21B	104000.12	47271.76	355.30	353.5	1.80
MSB 26B	104646.70	48944.57	363.15	361.0	2.15
MSB 29DD	107311.37	51191.30	364.57	362.6	1.97
MSB 31CC	101983.13	50067.89	348.84	346.6	2.24
MSB 38B	102360.78	49746.07	356.55	354.5	2.05
MSB 38C	102373.07	49762.02	356.32	354.3	2.02
MSB 38D	102385.56	49777.79	356.01	353.9	2.11
MSB 43DD	107272.95	49341.20	358.14	356.4	1.74
MSB 49A	99758.95	45864.59	335.43	333.4	2.03
MSB 53B	106443.60	54574.34	344.62	342.6	2.02
MSB 65D	101915.52	49413.66	349.45	347.4	2.05
MSB 66B	105841.99	51064.62	383.54	381.5	2.04
MSB 66C	105842.10	51053.52	383.53	381.5	2.03
MSB 66D	105841.76	51043.98	383.31	381.6	1.71
MSB 66TA	105842.62	51096.67	382.82	380.7	2.12
MSB 67B	106841.95	51989.59	365.11	362.7	2.41
MSB 67C	106819.79	51988.60	364.77	362.7	2.07
MSB 67D	106830.65	51971.51	365.04	363.1	1.94
MSB 68B	106744.86	52308.52	356.93	355.0	1.93
MSB 68C	106730.54	52304.85	356.68	354.7	1.98
MSB 68D	106741.42	52293.56	357.01	354.9	2.11
MSB 69B	107776.10	52432.86	381.65	379.7	1.95
MSB 69C	107780.10	52447.52	381.80	379.7	2.10
MSB 69D	107784.28	52461.99	382.15	379.9	2.25
MSB 69TA	107772.46	52418.36	381.54	379.4	2.14
MSB 70C	101785.15	45011.98	362.15	360.2	1.95

SURVEYING

Well ID	SRS Coordinates North	SRS Coordinates East	Top of Casing Elevation	Ground Elevation	Final Height of Casing Above Ground
MSB 71B	103801.59	44054.67	345.08	343.2	1.88
MSB 72B	96387.59	48350.32	328.19	326.6	1.59
MSB 73B	99270.34	45693.96	340.35	338.2	2.15
PSS 1D	37298.40	75773.29	219.64	217.5	2.14
SLP 1	72958.40	64449.10	284.78	283.0	1.78
SLP 2	72863.41	64529.65	283.81	281.8	2.01
ZDT 1	71644.38	65114.77	265.07	263.0	2.07
ZDT 2	71696.50	65059.89	265.02	263.1	1.92

SAMPLE SCHEDULING

The sampling schedule for the first quarter 1989 was derived using the following premises:

Flagging criteria, South Carolina Department of Health and Environmental Control (SCDHEC) analytical requirements, and special custodian requests are the bases for scheduling specific analyses for each well series. Four quarters of comprehensive Group I, II, and III analyses are scheduled for new wells to identify specific parameters present above detection limits. After those four quarters, one quarter of comprehensive analyses is scheduled every 2 years. If parameters exceed background levels within a well series, additional monitoring is required to document their presence. Parameters above Flag 1 criteria are analyzed once a year, and those above Flag 2 criteria are analyzed twice a year. Analyses of flagged parameters are scheduled in the first and third quarters of the year. The flagging criteria are listed in the **Flagging Criteria** section of this report.

Custodians of each facility assist in the determination of the sampling schedule by reviewing data and making special requests for their area. The special requests for this quarter are listed at the end of this section.

Routine quarterly sampling and analyses of Resource Conservation and Recovery Act (RCRA) wells are conducted.

The routine radioactive groundwater monitoring program schedule is carried out.

CUSTODIAN REVIEW

The proposed schedule for the first quarter 1989 was sent to each custodian 6 weeks before the beginning of the quarter for review and alteration prior to its implementation.

SPECIAL REQUESTS

The following special requests were made for the first quarter 1989.

Chris Leason (Power Department) requested quarterly monitoring of the FAC, KAC, PAC, and HAC well series due to their interim status under South Carolina Hazardous Waste Management Regulations (R.69-79.265). He requested that EHP monitor the wells for Group I, II, and III constituents and turbidity.

Dave Clark and Chris Leason (Power Department) requested that EHP analyze the FSS, HSS, KSS, and PSS well series for nitrate, nitrite, cadmium, lead, chloride, sodium, iron, manganese, pH, specific conductance, calcium, magnesium,

potassium, copper, nickel, phosphate, and total dissolved solids. These analyses are needed to satisfy a land application permit requirement.

Brian Eichlin (Mixed Waste Management) requested that EHP perform specific conductance, total organic halogens, pH, sodium, magnesium, and calcium analyses at the CRP well series in response to high pH levels in CRP 3 and suspected contamination by grout leaching.

Cathy Lewis (Mixed Waste Management) requested that EHP analyze the BGO well series and HSB 85A through HSB 85C for Group I, II, and III constituents, turbidity, and Pesticide/Herbicide constituents. In addition, she requested that EHP perform four replicate analyses of Group III constituents. These analyses are needed to comply with South Carolina Hazardous Waste Management Regulations and to prepare for the RCRA Compliance Evaluation Inspection during third quarter, 1989.

Cathy Lewis also requested that EHP analyze the FSB and HSB well series for Group I, II, and III constituents, GC/MS VOA, copper, nickel, total phosphates, zinc, cyanide, total dissolved solids, tritium, major ions, cobalt, thallium, vanadium, and antimony. These analyses are needed to satisfy South Carolina Hazardous Waste Management Regulations.

Cathy Lewis also requested that EHP analyze HTF 5 through HTF 8, HTF 34, and Z 13 for silver, barium, cadmium, chromium, mercury, lead, nitrate, total radium, gross alpha, nonvolatile beta, sodium, pH, and tritium to satisfy a RCRA Facility Investigation (RFI) program requirement.

Separations Technology requested that EHP analyze the FNB well series for silver, barium, cadmium, chromium, mercury, lead, fluoride, nitrate, total radium, gross alpha, nonvolatile beta, iron, manganese, phenols, sodium, copper, nickel, beryllium, and zinc. These analyses are required by Separations Technology.

John Pickett and Ray Sims (A/M Area Raw Materials) requested that EHP analyze several MSB wells for GC/MS, copper, nickel, zinc, cyanide, total dissolved solids, total phosphates, uranium, aluminum, carbonate, and several Group I, II, and III constituents. These analyses are part of the A/M Area sampling schedule.

L Area requested that EHP analyze the LSB well series for gross alpha, nonvolatile beta, and tritium activity as part of the *Final Environmental Impact Statement: L-Reactor Operation, Savannah River Plant*, DOE/EIS-0108, Section 6.2.3.

A. E. Hodge requested that EHP analyze the ZBG well series for benzene, toluene, total radium, gross alpha, gamma pHA, antimony, nitrite, nitrate, technetium-99, tritium, arsenic, barium, cadmium, chromium, lead, mercury, silver, and selenium. These analyses are required by the SCDHEC-approved Saltstone Industrial Wastewater Permit application.

Natalie Park (Environmental Protection Section) requested that EHP perform confirmatory Appendix IX analyses at those wells in which any hazardous

Appendix IX constituent was detected during fourth quarter, 1987, and second quarter, 1988, analyses.

Natalie Park and Cathy Lewis also requested that EHP analyze the LFW well series for pH, specific conductance, and total organic carbon to satisfy the Domestic Waste Permit (DWP) Number 087A reporting requirements.

The Environmental Protection Section (EPS) requested that EHP continue the following analyses to monitor for possible contaminants:

Well Series	Analysis
ABP	Nickel, lithium
ACB	Sulfate, copper
AOB	Total organic carbon
CCB	Sodium, copper
CDB	Tritium
CMP	Pesticide/Herbicide, Group III
CRP	Group III
CSA	Fluoride
CSR	Group III
DBP	Group III
DCB	Copper
DOB	Group III
FAC	Sodium, sulfate
FBP	Group III
FCB	Sulfate, copper
HCB	Sulfate, copper
KAC	Sodium, sulfate
KCB	Sulfate, copper
KDB	Tritium

Well Series	Analysis
LAC	Sodium, sulfate
PDB	Tritium

EPS also requested that EHP continue to analyze **MSB 1A** through **MSB 8A**, **MSB 13A** through **MSB 13C**, and **MSB 22** for GC VOA to monitor for possible contaminants.

Ralph Nichols (Savannah River Laboratory) made the following requests in order to obtain more data for the RFI and waste-site closure work:

- Analyze the **ASB** and **XSB** well series for americium-241, americium-242, curium-242, curium-243/244, curium-246, plutonium-238, plutonium-239/240, radium-226, radium-228, strontium-89, strontium-90, uranium-234, uranium-235, and gamma pHA.
- Analyze the **XSB** well series for Group I, II, and III constituents and GC VOA.
- Analyze the **TBG** well series for Group I, II, and III constituents, GC/MS, uranium-234, and uranium-235.
- Analyze the **YSB** well series for Group I constituents, sodium, and GC VOA.

Ralph Nichols also requested that EHP analyze the **AMB** well series for Group II constituents, Group III constituents, and cyanide and perform four replicate analyses of Group III constituents. These analyses are part of the Part B permitting process.

Jim Heffner (Environmental Monitoring Section) requested that EHP analyze the **FTF** and **HTF** well series for nitrate, sodium, pH, and specific conductance to monitor for possible contaminants in the H-Area and F-Area Tank Farms.

SAMPLE COLLECTION

Sample collection was performed by EHP personnel and by Jeff Bullard, Bonnie Bullard, and Jack Bullard of Ge-Hy Sampling of New Ellenton, South Carolina.

Each sampler maintained a field notebook. Field measurements include pH, temperature, specific conductance, air temperature, depth to the water prior to pumping, and volume of water pumped prior to sampling. These field books are located in the first quarter 1989 section of the EHP Groundwater Monitoring Library.

All samples were collected on a routine basis during the first quarter of 1989, except as indicated below. The sampler's observations about the water sample, well's condition, and any special method of collecting also are noted in the following table. All wells were pumped except as noted. Wells that went dry were revisited and sampled within 24 hours except as noted. For these wells, only the volume purged before the well went dry is given in this section. The total amount of water purged from each well is given in the **Field and Analytical Data** section.

Comments about dry wells, continuously pumping wells, and malfunctioning wells can be found in the **Field and Analytical Data** section.

Well	Date	Comment
ABP Series		
ABP 2A	01/01/89	Very weakly turbid; light brown
ABP 3	01/01/89	Fine sand
AC Series		
AC 2B	01/04/89	Fine sand
ACB Series		
ACB 1A	01/22/89	Very weakly turbid; light brown
ACB 2A	01/22/89	Aerated
ACB 3A	01/22/89	Oil-like particulates
AMB Series		
AMB 4	03/20/89	Dry after ~1 gal
	03/21/89	Moderately turbid; brown
AMB 5	03/20/89	Moderately turbid; yellow brown; slow filtration
AMB 6	03/20/89	Moderately turbid; yellow brown; slow filtration

SAMPLE COLLECTION

Well	Date	Comment
AMB Series (cont.)		
AMB 7	03/20/89	Dry after 2 gal
	03/21/89	Moderately turbid; dark gray
AOB Series		
AOB 1	01/07/89	Fine sand
AOB 2	01/07/89	Fine sand
ARP Series		
ARP 1A	01/01/89	No water in standpipe (~141 ft)
ARP 2	01/01/89	Fine sand
ARP 3	01/01/89	Yellow brown; fine sand
ASB Series		
ASB 1A	03/26/89	Obstruction or bottom of standpipe at ~113 ft
ASB 3A	03/27/89	Aerated; very weakly turbid; light brown
ASB 6A	03/26/89	Pump locked up (sand) after 10 gal purged
	03/27/89	Aerated; fine sand
ASB 6AA	03/31/89	Moderately turbid; very light brown
ASB 9	03/26/89	Pump would not start
ASB 9C	03/30/89	Weakly turbid; light brown
BGO Series		
BGO 1D	01/07/89	Dry after 4 gal
BGO 3D	01/07/89	Dry after ~3 gal
BGO 4D	03/11/89	No water in standpipe (~67 ft)
BGO 5C	01/07/89	Dry after ~13 gal
	01/08/89	Aerated
BGO 5D	01/07/89	Dry after ~4 gal
BGO 6D	01/04/89	Dry after 5.3 gal
BGO 8A	01/07/89	Dry after ~25 gal
BGO 8D	03/11/89	Light brown; weakly turbid
BGO 10A	01/07/89	Dry after ~32 gal
BGO 10C	01/07/89	Dry after ~30 gal
BGO 10D	01/07/89	No water in standpipe (~71 ft)
BGO 12A	01/07/89	Dry after ~31 gal
BGO 12C	01/07/89	Dry after ~34 gal
BGO 12D	01/07/89	Dry after ~6 gal
	01/08/89	Aerated
BGO 13D	01/07/89	Dry after ~1 gal
	01/08/89	No water in standpipe (~90 ft)
BGO 14A	01/07/89	Dry after ~19 gal
BGO 14C	01/07/89	Dry after ~13 gal
BGO 14D	01/07/89	No water in standpipe (~72 ft)
BGO 16A	02/28/89	Dry after ~19 gal
BGO 16D	02/28/89	Dry after ~3 gal

Well	Date	Comment
BGO Series (cont.)		
BGO 18D	02/28/89	Pump would not start
BGO 20D	02/28/89	Dry after 6.3 gal
	03/01/89	Light brown; weakly turbid
BGO 21D	02/28/89	Dry after ~6 gal
	03/01/89	Medium red brown; moderately turbid
BGO 24D	02/28/89	Dry after 5.5 gal
BGO 25A	01/07/89	Dry after ~11 gal
BRD Series		
BRD 3	01/22/89	No water in standpipe (~47 ft)
CCB Series		
CCB 1	03/07/89	No water in standpipe (~60 ft)
CCB 2	03/07/89	Strongly turbid; dark red; sand
CCB 3	03/07/89	Dry after 9 gal; weakly turbid; reddish brown
CCB 4	03/07/89	Weakly turbid; reddish brown
CDB Series		
CDB 1	03/03/89	Dry after 8 gal; light brown; weakly turbid
CDB 2	03/03/89	Dry after 4.5 gal; no water in standpipe (~80 ft); very weakly turbid; light brown
CMP Series		
CMP 11	01/24/89	Dry after 12.5 gal
CMP 12	01/24/89	Dry after ~12 gal
CMP 13	01/24/89	Dry after ~5 gal
	01/25/89	Light red brown; weakly turbid
CMP 15B	01/24/89	Dry after ~19 gal
CMP 15C	01/24/89	Dry after less than 1 gal
	01/25/89	No water in standpipe (~44 ft)
CMP 16C	01/25/89	No water in standpipe (~88 ft)
CRP Series		
CRP 3	02/01/89	Dry after 6 gal
	02/02/89	No water in standpipe
CSA Series		
CSA 3	01/08/89	Moderately turbid; pinkish brown; sand
CSB Series		
CSB 1A	02/01/89	Pump ran, no water purged; no water in standpipe
CSB 2A	02/01/89	Dry after 3 gal

SAMPLE COLLECTION

Well	Date	Comment
CSB Series (cont.)		
CSB 3A	02/01/89	Dry after 3 gal
CSB 4A	02/02/89	Weakly turbid; light brown; small amount of fine sand
CSB 5A	02/01/89	Dry after 4 gal
CSO Series		
CSO 1	01/08/89	Sand
CSR Series		
CSR 1	03/07/89	Weakly turbid; light brown; small amount of fine sand
CSR 2	03/03/89	Dry after 7 gal
	03/04/89	Turbid; brown
CSR 3	03/07/89	Dry after 16 gal; weakly turbid; light brown
CSR 4	03/03/89	Weakly turbid; light brown
DCB Series		
DCB 8	01/22/89	Very light yellow brown; very weakly turbid
DCB 6	01/28/89	Dry after ~4 gal
	01/29/89	Light brown; weakly turbid
DCB 11	01/28/89	Dry after ~9 gal
	01/29/89	Light yellow brown
DCB 13	01/28/89	Dry after 1.3 gal
	01/29/89	No water in standpipe (~20 ft); aerated; weak odor; very light brown
DCB 15	01/28/89	Dry after ~4 gal
	01/29/89	Light gray brown; weakly turbid
DCB 16	01/29/89	Dry after 3.7 gal; medium red brown; moderately turbid
FAC Series		
FAC 3	03/21/89	Medium red brown; moderately turbid
FAC 4	03/13/89	Weakly turbid; light brown
FAC 5	03/22/89	Dry after bailing 9.2 gal
	03/23/89	Light brown; moderately turbid
FAC 6	03/22/89	Dry after bailing 3.2 gal
	03/23/89	Medium red brown; moderately turbid
FAC 7	03/22/89	Dry after bailing 3.2 gal
	03/23/89	Medium red brown; moderately turbid
FAC 8	03/22/89	Dry after bailing 11.4 gal
	03/23/89	Medium red brown; moderately turbid

Well	Date	Comment
FAL Series		
FAL 1	03/28/89	Dry after 5 gal; light brown; weakly turbid
FAL 2	03/28/89	Dry after less than 1 gal; weakly turbid; light brown
FBP Series		
FBP 3A	03/28/89	Weakly turbid; light brown; fine sand
FBP 4	03/28/89	Moderately turbid; light brown
FCA Series		
FCA 1N	02/25/89	Moderately turbid; dark brown; dry after bailing 1 gal
FCA 2D	03/28/89	Dry after bailing 3.9 gal
	03/29/89	Turbid; red brown
FCA 9D	03/28/89	Dry after bailing ~1 gal
	03/29/89	Turbid; red brown
FCA 10A	03/28/89	Strongly turbid; orange brown
FCA 16A	03/28/89	Moderately turbid; reddish brown
FCA 16D	02/25/89	Strongly turbid; reddish brown; dry after bailing 1 gal
FCA 19D	03/28/89	Dry after 2 gal; brown; turbid
FCB Series		
FCB 3	03/21/89	Light brown; weakly turbid
FCB 4	03/20/89	Dry after ~10 gal
	03/21/89	Light brown; weakly turbid
FCB 5	03/20/89	Dry after ~1 gal
	03/21/89	Aerated
FCB 6	03/20/89	Dry after ~2 gal
FCB 7	03/20/89	No water in standpipe (~85 ft)
FET Series		
FET 1D	03/18/89	Dry after 6 gal
FNB Series		
FNB 2	02/14/89	Light brown; weakly turbid
FNB 4	03/10/89	Moderately turbid; light brown; fine sand
FSB Series		
FSB 75B	02/26/89	Aerated
FSB 76	02/14/89	No water in standpipe
FSB 78C	02/18/89	Dry after ~21 gal
FSB 87D	02/18/89	No water in standpipe (~75 ft)
FSB 88D	02/25/89	Dry after 4.5 gal

SAMPLE COLLECTION

Well	Date	Comment
FSB Series (cont.)		
FSB 90C	02/25/89	Dry after 22 gal
FSB 90D	02/25/89	Dry after 2 gal
FSB 91C	02/25/89	Dry after 18 gal
FSB 92D	02/16/89	Light red brown; weakly turbid
FSB 93D	02/25/89	Dry after 2.2 gal
FSB 94C	02/25/89	Dry after 23 gal
	02/26/89	Light brown
FSB 95C	02/25/89	Dry after ~22 gal
FSB 95D	02/18/89	Pump started, no water purged
FSB 96A	02/18/89	Dry after ~18 gal
FSB 97C	02/18/89	Dry after ~26 gal
FSB 97D	02/18/89	Dry after 1.8 gal
FSB 98A	02/18/89	Dry after ~24 gal
FSB 98D	02/18/89	Dry after 2.4 gal
	02/19/89	Very light brown; very weakly turbid
FSB100A	03/07/89	Dry after ~15 gal
	03/08/89	Aerated
FSB105D	02/18/89	Dry after ~1 gal
	02/19/89	Light brown; weakly turbid
FSB108D	03/07/89	Dry after ~3 gal
FSS Series		
FSS 1D	03/18/89	Dry after ~5 gal
	03/19/89	Medium red brown; moderately turbid; aerated
FSS 2D	03/18/89	Dry after 6 gal
	03/19/89	Medium brown; moderately turbid
FSS 3D	03/18/89	Dry after 7 gal
FSS 4D	03/18/89	Dry after 8 gal
GBW Series		
GBW 1	03/20/89	Dry after 4 gal
HAC Series		
HAC 1	03/26/89	Dry after 3 gal; aerated
HAC 2	03/26/89	Dry after 1.5 gal; aerated
HAC 3	03/26/89	Dry after 4 gal; aerated
HCA Series		
HCA 1	02/25/89	Dry after 10 gal
HCA 2	02/25/89	Very weakly turbid; light brown
HCA 3	02/25/89	Weakly turbid; light brown; dry after 8 gal
HCA 4	02/25/89	Dry after 14 gal

Well	Date	Comment
HCB Series		
HCB 2	01/25/89	Very weakly turbid; light brown
HET Series		
HET 2D	03/18/89	Dry after 7 gal
HET 3D	03/18/89	Dry after 7 gal
HET 4D	03/18/89	Dry after 12 gal
HR3 Series		
HR3 11	01/10/89	Light brown; very weakly turbid
HR8 Series		
HR8 13	01/13/89	Very light brown; very weakly turbid
HSB Series		
HSB 64B	02/14/89	Aerated
HSB 66	01/17/89	Weakly turbid
HSB 68	01/11/89	No water in standpipe (28.5 ft)
HSB 68B	02/04/89	Dry after ~44 gal
	02/05/89	Aerated
HSB 68C	02/04/89	Dry after ~17 gal
HSB 70C	02/11/89	Dry after ~25 gal
HSB 71C	02/11/89	Dry after ~19 gal
HSB 84C	02/04/89	Dry after ~11 gal
	02/05/89	Leaks and sprays badly
HSB 85B	02/11/89	Dry after ~44 gal
HSB102D	03/01/89	Moderately turbid; brown; dry after 10 gal
HSB105D	01/31/89	Flowmeter did not work, estimated volume purged
HSB106D	01/31/89	Very light brown; very weakly turbid
HSB110D	02/01/89	Very light brown; very weakly turbid
HSB111E	02/01/89	Very light brown; weakly turbid
HSB112E	02/11/89	Dry after 2.2 gal
HSB115C	02/11/89	Dry after 14.4 gal
HSB115D	02/11/89	Dry after 3.3 gal
	02/12/89	Light brown; weakly turbid
HSB124A	02/04/89	Dry after ~42 gal
HSB126D	02/04/89	Dry after 6.4 gal
HSB127C	02/04/89	Dry after ~28 gal
HSB129C	02/11/89	Slightly aerated
HSB133C	02/04/89	Dry after ~23 gal
HSB133D	02/04/89	Very light brown; very weakly turbid
HSB135C	02/08/89	Light brown; weakly turbid
HSB137C	02/11/89	Pump would not start
HSB139C	02/04/89	Dry after ~27 gal

SAMPLE COLLECTION

Well	Date	Comment
HSS Series		
HSS 1D	03/18/89	Dry after 15 gal
HSS 3D	03/18/89	Dry after ~6 gal
	03/19/89	Red brown; turbid
HWS Series		
HWS 1A	01/08/89	Oil-like particulates
HXB Series		
HXB 1	01/08/89	Weakly turbid; light brown
HXB 3	01/08/89	Very weakly turbid; light brown
KAB Series		
KAB 1	01/24/89	Dry after 21.5 gal
KAB 3	01/24/89	Sand; very light brown
KAB 4	01/24/89	Flowmeter did not work, estimated volume purged
KAC Series		
KAC 1	01/25/89	Turbid, light brown
KAC 5	01/24/89	Dry after 8 gal
	01/25/89	Weakly turbid, light brown
KAC 6	01/24/89	Dry after 6 gal
	01/25/89	Weakly turbid; light brown
KAC 7	01/24/89	Dry after 3 gal
	01/25/89	Turbid; brown
KCB Series		
KCB 1	01/25/89	Weakly turbid; light brown; sand
KCB 2	01/25/89	Oil film; moderately turbid; rust brown
KDB Series		
KDB 1	03/03/89	Dry after 17 gal
KDB 3	03/03/89	Dry after 18 gal
KRB Series		
KRB 1	02/25/89	Dry after 0.5 gal
	02/26/89	Moderately turbid; pink brown
KRB 13	02/25/89	Pump ran, no water purged; no water in standpipe (80 ft)
KRB 14	02/25/89	Dry after bailing 2.25 gal
	02/26/89	Moderately turbid; brown
KRB 15	02/25/89	Dry after ~1 gal
	02/26/89	Moderately turbid; brown

Well	Date	Comment
KSB Series		
KSB 1	01/08/89	Very weakly turbid; light brown
KSB 3	01/08/89	Moderately turbid; brownish pink
KSB 4A	01/08/89	Weakly turbid; light brown
KSS Series		
KSS 1D	03/16/89	Light brown; weakly turbid
KSS 2D	03/18/89	Dry after ~10 gal
	03/19/89	Light brown; weakly turbid; aerated
LAC Series		
LAC 2	01/20/89	Aerated
LCO Series		
LCO 1	02/28/89	Dry after 5 gal
LCO 3	01/20/89	Very weakly turbid; light brown
LCO 4	02/28/89	Flowmeter did not work; very weakly turbid; light brown
LDB Series		
LDB 1	02/28/89	Dry after 16 gal; weakly turbid; light brown
LDB 2	02/28/89	Dry after 15 gal
LFW Series		
LFW 6	01/24/89	Weak onion-like odor
LFW 7	01/24/89	Flowmeter did not work; weak onion-like odor
LFW 8	02/14/89	Weak odor; light brown
LFW 17	01/24/89	Weak onion-like odor
LFW 18	01/24/89	Flowmeter did not work; weak onion-like odor
LFW 19	01/21/89	Flowmeter did not work, estimated volume purged at 5 gpm
LFW 28	01/24/89	Dry after ~10 gal
LRP Series		
LRP 1	01/08/89	Very weakly turbid; light brown
LRP 2	01/08/89	Pump would not start; no water in standpipe (~151 ft)
	01/20/89	No water in standpipe
LRP 3	01/08/89	Weakly turbid; light brown

SAMPLE COLLECTION

Well	Date	Comment
LSB Series		
LSB 4	02/16/89	Pump rate dropped after 15 gal; flowmeter did not work after pump rate dropped, estimated volume purged
MCB Series		
MCB 2	01/21/89	Dry after 11 gal
MCB 4	01/21/89	Dry after 4 gal
MCB 5	01/21/89	Dry after 5 gal
MCB 6	01/21/89	Dry after 2.5 gal
	01/22/89	Weakly turbid; light brown
MSB Series		
MSB 1A	03/25/89	Unable to sample due to access problems created by M-Area basin closure; well surrounded by dirt and mud
	03/29/89	No water in standpipe; pump ran, no water purged
MSB 2A	01/31/89	No water in standpipe (~120 ft); pump ran, no water purged
	03/29/89	No water in standpipe
MSB 3A	01/22/89	No water in standpipe; pump ran, no water purged
MSB 4A	03/25/89	Unable to sample due to access problems created by M-Area basin closure
	03/29/89	No water in standpipe; pump ran, no water purged
MSB 5A	01/31/89	No water in standpipe (~95 ft); fine sand
MSB 7A	03/29/89	Very weakly turbid; light brown
MSB 9B	03/08/89	Dry after 9.5 gal
MSB 12D	03/08/89	No water in standpipe; pump ran, no water purged
MSB 13B	01/31/89	Dry after 6 gal
MSB 13C	01/31/89	No water in standpipe; pump ran, no water purged
MSB 14C	01/29/89	No water in standpipe
MSB 15D	03/29/89	Dry after 5 gal; weakly turbid; light brown
MSB 16C	01/22/89	No water in standpipe; dry after 1 gal
MSB 17D	03/26/89	Very weakly turbid; light brown
MSB 18B	01/29/89	Weakly turbid; brown
MSB 19C	03/08/89	Flowmeter did not work, estimated volume purged
MSB 20C	02/07/89	Dry after 14 gal; turbid; brown
MSB 21B	03/31/89	Very weakly turbid; light brown
MSB 22	03/25/89	No water in standpipe; dry after 8 gal
MSB 23	01/27/89	No water in standpipe; pump ran, no water purged
MSB 23TA	01/27/89	Moderately turbid; rust brown; samples collected at each of first five well volumes
	02/24/89	Weakly turbid; rust brown; samples collected at each of first five well volumes
	03/20/89	Weakly turbid; rust brown; samples collected at each of first five well volumes
MSB 24	01/05/89	Dry after 5 gal
MSB 25	01/05/89	No water in standpipe; pump ran, no water purged

Well	Date	Comment
MSB Series (cont.)		
MSB 26	01/06/89	No water in standpipe
MSB 27A	01/05/89	No water in standpipe (~145 ft)
MSB 27B	01/05/89	Pump would not start
MSB 29A	03/17/89	No water in standpipe
MSB 49B	03/07/89	Pump would not start
MSB 30AA	01/28/89	Dry after 67 gal
MSB 30C	01/28/89	Very weakly turbid; light brown
MSB 31C	01/24/89	Very weakly turbid; light brown
MSB 35D	01/20/89	Pump ran, no water purged
MSB 36B	03/22/89	Pump would not start
	03/29/89	Weakly turbid; light brown
MSB 36D	03/22/89	Turbid; rust brown; dry after 3 gal; no water in standpipe
MSB 37A	01/11/89	Dry after 76 gal
MSB 37D	01/12/89	Rust brown; no water in standpipe
MSB 38B	03/25/89	Very weakly turbid; light brown
MSB 38D	03/25/89	No water in standpipe; pump ran, no water purged
MSB 39A	01/23/89	Dry after 60 gal
MSB 40C	03/25/89	No water in standpipe (~118 ft)
MSB 40D	03/25/89	Dry after 2.5 gal
	03/26/89	No water in standpipe (~94 ft); light brown; weakly turbid
MSB 41D	01/10/89	Dry well; no water in standpipe; pump ran, no water purged
MSB 42D	01/27/89	No water in standpipe; pump ran, no water purged
MSB 44C	03/26/89	Moderately turbid; light brown; sand
MSB 46A	01/23/89	Dry after 49 gal
MSB 46B	01/22/89	No water in standpipe
MSB 48D	01/19/89	Pump ran, no water purged
MSB 49B	03/07/89	Pump would not start
	03/16/89	Flowmeter did not work, estimated volume purged
MSB 49D	03/07/89	Dry after 13 gal
MSB 51D	01/09/89	Dry after 11 gal
MSB 52D	03/07/89	Dry after 2 gal
MSB 53B	03/29/89	Very weakly turbid; light brown
MSB 55D	01/10/89	Weakly turbid; light brown
MSB 61C	03/25/89	Weakly turbid; light brown; slight odor
MSB 61D	01/22/89	Dry after 8 gal; very weakly turbid; light brown
MSB 65D	03/25/89	Weakly turbid; light brown
MSB 66B	03/30/89	Strongly turbid; yellowish brown
MSB 66C	03/30/89	Strongly turbid; yellowish brown
MSB 67B	03/25/89	Very weakly turbid; light brown
MSB 69C	03/26/89	Dry after 27 gal
MSB 69TA	03/26/89	Dry after 35 gal
MSB 71B	03/24/89	Weakly turbid; light brown; dry after 39 gal
MSB 72B	03/25/89	Weakly turbid; light brown
MSB 73B	03/24/89	Weakly turbid; light brown

SAMPLE COLLECTION

Well	Date	Comment
NBG Series		
NBG 1	02/25/89	Turbid; light brown; dry after 7 gal
NBG 2	02/25/89	Turbid; light brown; dry after 12 gal
NBG 3	03/20/89	Dry after 6 gal
	03/21/89	Light brown; weakly turbid
NBG 4	03/20/89	Dry after 7 gal
NBG 5	03/20/89	Dry after 15 gal
PAC Series		
PAC 2	01/29/89	Moderately turbid; brown
PAC 4	01/29/89	Turbid; light brown
PAC 5	01/28/89	Dry after 6 gal
	01/29/89	Turbid; light brown
PAC 6	01/28/89	Dry after 7 gal
	01/29/89	Turbid; light brown
PSB Series		
PSB 5A	01/31/89	Dry after 12 gal
PSS Series		
PSS 1D	03/18/89	Dry after 11 gal
PSS 3D	03/18/89	Dry after 5 gal
	03/19/89	No water in standpipe (~40 ft); aerated; medium red brown; moderately turbid
RAC Series		
RAC 1	02/06/89	Weakly turbid; weak milky white
RAC 3	02/06/89	Weakly turbid; light brown
RAC 4	02/06/89	Very weakly turbid; light brown
RRP Series		
RRP 3	02/06/89	Weakly turbid; brown
RSE Series		
RSE 25	03/20/89	Flowmeter did not work, estimated volume purged at 1 gpm
RSF Series		
RSF 3	03/18/89	Very light brown; turbid

Well	Date	Comment
RWM Series		
RWM 2	01/12/89	No water in standpipe (~200 ft)
	02/14/89	No water in standpipe; aerated
RWM 3	02/14/89	Unable to remove standpipe cap
	03/13/89	Unable to remove standpipe cap
SLP Series		
SLP 1	03/08/89	Dry after 3.3 gal
SRW Series		
SRW 1	01/22/89	No water in standpipe (~100 ft); pump ran, no water purged
SRW 2	01/22/89	Very weakly turbid; light brown
SRW 5	01/21/89	Aerated; fine sand
SRW 6	01/21/89	Very weakly turbid; light brown
SRW 8	01/21/89	Fine sand
SRW 9	01/21/89	Fine sand; weakly turbid; yellow brown
SRW 10	01/21/89	No water in standpipe
SRW 13C	01/21/89	Weakly turbid; light brown
SRW 14C	01/21/89	No water in standpipe
SRW 16A	01/21/89	Dry after 23 gal
	01/22/89	Brown
SSS Series		
SSS 1	01/28/89	Strongly turbid; orange brown; sand
SSS 2	01/28/89	Moderately turbid; light brown; sand
SSS 3	01/28/89	Weakly turbid; light brown; dry after bailing 5.4 L
SSS 5	01/26/89	Strongly turbid; brown; sand
SSS 7	01/28/89	Weakly turbid; light brown; dry after bailing 1.8 L
SSS 8	01/28/89	Strongly turbid; orange brown; sand
SSS 9	01/28/89	Strongly turbid; brown; sand
SSS 10	01/28/89	Strongly turbid; orange brown; sand
SSS 17	01/28/89	Strongly turbid; brown
SSS 20	01/26/89	Dry after bailing 425 mL
SSS 21	01/26/89	Dry after bailing 300 mL
	01/27/89	Moderately turbid; brown
SSS 22	01/28/89	Moderately turbid; light brown
SSS 23	01/28/89	Strongly turbid; orange brown
SSS 25	01/28/89	Weakly turbid; light brown
SSS 26	01/28/89	Strongly turbid; tan; small amount of sand
SSS 27	01/28/89	Strongly turbid; brown

SAMPLE COLLECTION

Well	Date	Comment
TBG Series		
TBG 3	03/27/89	Dry after 5.8 gal
TBG 5	03/27/89	Dry after ~5 gal
TBG 6	03/27/89	Dry after ~7 gal
XSB Series		
XSB 2D	03/27/89	Dry after ~6 gal
	03/28/89	Aerated; brown; turbid
YSB Series		
YSB 1A	03/16/89	Fine sand
YSB 4A	03/16/89	Small amount of fine sand
ZBG Series		
ZBG 1A	03/29/89	Dry after bailing 7.2 gal
	03/30/89	Light brown; weakly turbid
ZBG 2	03/29/89	Flowmeter did not work, estimated volume purged at 1 gpm

SAMPLE ANALYSIS

The following SCDHEC-certified laboratories performed the sample analyses for the Environmental and Health Protection Department. All analyses were conducted by EPA-approved methods except as noted below.

Envirodyne Engineers of St. Louis, Missouri, the primary subcontracting laboratory for sample analysis, performed all routine analyses, with the following exceptions.

Radiation Measurements, Inc. of Mundelein, Illinois, performed routine and blind replicate radioanalyses under subcontract to Envirodyne Engineers.

Teledyne Isotopes of Westwood, New Jersey, performed routine isotope analyses.

The 735-A Laboratory operated by the Environmental and Health Protection Department at the Savannah River Site conducted tritium, gross alpha, and nonvolatile beta analyses of samples for shipping clearance. The 735-A Laboratory also conducted tritium, gross alpha, nonvolatile beta, and selected radionuclide analyses of samples from specified well series in the radioactivity monitoring program. The gross alpha and nonvolatile beta analytical methods used by the 735-A Laboratory do not correspond to the EPA methods for these determinations. The 735-A Laboratory radioactivity determinations are reported as the absolute concentration calculated from the analytical test.

The M-Area Laboratory at SRS performed chloroform, tetrachloroethylene, trans-1,2-dichloroethane, 1,1-dichloroethylene, trichloroethylene, and 1,1,1-trichloroethane analyses for certain wells in A and M Areas.

Weston Analytics of Lionville, Pennsylvania, and Enwright Laboratories of Greenville, South Carolina, performed replicate analyses as part of the quality control program.

REPLICATE ANALYSES OF SAMPLES

The quality control program includes replicate analyses of 5% of the total number of samples taken each quarter. Duplicate samples of water from several wells were sent to Weston and Enwright for analysis. Blind replicates of these samples were also sent to the primary laboratory for analysis.

Results from these replicate analyses are shown in the following table, along with the corresponding results obtained by the primary laboratory. The primary laboratory is Envirodyne except where noted.

The replicate results also are included in the **Field and Analytical Data** section, following the primary data for each well.

SAMPLE ANALYSIS

Analyte	Primary Laboratory		Blind Replicate		Weston		Enwright
Well: ASB 2A Sample Date: 03/13/89							
Silver (µg/L)	<2		<2		<10		<10
Gross alpha (pCi/L)	5.12		3.56		6		3.29
Arsenic (µg/L)	<2		<2		<10		<5
Barium (µg/L)	11		11		<200		<100
Nonvolatile beta (pCi/L)	2.95		2.48		4		2.30
Calcium (mg/L)	2.37		2.42		<5.00		2.50
Carbon tetrachloride (µg/L)	<1.00		<1.00		<1		<1.0
Cadmium (µg/L)	<2		<2		<5.0		<10
Chloroform (µg/L)	<1.0	<1.00*	<1.0	<1.00*	<1		<1.0
Chloride (mg/L)	7.4		7.6		11.7		7.0
Specific conductance (µmhos/cm)	79.5		77.9		84.1		78
Chromium (µg/L)	<4		<4		<10.0		<50
Copper (µg/L)	<4		<4		<25.0		<20
Fluoride (µg/L)	<100		<100		<100		<100
Iron (µg/L)	46		71		<100		70
Mercury (µg/L)	<0.20		<0.20		<0.2		<0.2
Potassium (mg/L)	<0.500		<0.500		<5.00		<1
Magnesium (mg/L)	0.579		0.590		<5.0		0.59
Manganese (µg/L)	10		11		25.7		<20
Sodium (mg/L)	12.6		12.0		13.3		12.0
Nickel (µg/L)	<4		<4		<40.0		<50
Nitrate (as N) (mg/L)	0.170		0.149		0.15		0.2
Lead (µg/L)	<6		<6		5.3		<100
pH (pH)	5.38		5.37		5.8		5.7
Phenols (µg/L)	<5		<5		<5		<5
Selenium (µg/L)	<2		<2		<5		<10
Silica (mg/L)	3.28		3.28	3.26	1.44		3.06
Sulfate (mg/L)	13.4		13.4		13.2		14
Tetrachloroethylene (µg/L)	2.08	3.36*	2.54	1.45*	2.0		2.4
Total dissolved solids (mg/L)	40		44		44	44	68
Total organic carbon (mg/L)	<1.0		<1.0	<1.0	0.62		<5.00
Total radium (pCi/L)	2.86		2.55		1.1		1.93
Total organic halogens (µg/L)	6.0		5.7		<20		<10
Total phosphates (µg/L)	<20		<20		<50		<10
Trichloroethylene (µg/L)	<1.00	<1.00*	<1.00	1.37*	<1.0		1.7
Tritium (pCi/mL)	1.40		1.16		2.0		1.46
t-1,2-Dichloroethene (µg/L)	<1*		<1*		-		<1
1,1-Dichloroethylene (µg/L)	<1*		<1*		-		<1.0
1,1,1-Trichloroethane (µg/L)	<1.0	<1.00*	<1.0	<1.00*	<1		<1.0
Well: BGO 8D Sample Date: 03/11/89							
Silver (µg/L)	<2		<2		<10		<10
Gross alpha (pCi/L)	1.25		1.33		6		11.0
Arsenic (µg/L)	<2		<2		<10		<5
Barium (µg/L)	11		11		<200		<100
Nonvolatile beta (pCi/L)	1.65		0.99		12		187
Bromodichloromethane (µg/L)	<5		<5		<5		<1.0
Calcium (mg/L)	0.940		0.875		<5.00		0.91
Trichlorofluoromethane (µg/L)	<5		<5		<5		<1
Carbon tetrachloride (µg/L)	<5.00		<5.00		<5		<1.0
Cadmium (µg/L)	<2		<2		<5.0		<10
Bromoform (µg/L)	<10		<10		<5		<1.0
Chloroform (µg/L)	<5.0		<5.0		<5		<1.0
Methylene chloride (µg/L)	<5		<5		<5		<1.0

Analyte	Primary Laboratory		Blind Replicate		Weston	Enwright
Well: BGO 8D Sample Date: 03/11/89 (cont.)						
Bromomethane (µg/L)	<10		<10		<10	<1.0
Chloromethane (µg/L)	<10		<10		<10	<1.0
Chloride (mg/L)	2.5		2.5		5.9	3.0
Chlorobenzene (µg/L)	<5		<5		<5	<1.0
Specific conductance (µmhos/cm)	42.5	33.8	29.7	27.9	24.9	26
	35.1	35.2	35.6	35.6		
			30.3			
Chromium (µg/L)	<4		<4		<10.0	<50
Chloroethene (µg/L)	<10		<10		<10	<1.0
Chloroethane (µg/L)	<10		<10		<10	<1.0
Benzene (µg/L)	<5		<5		<5	<1
Dibromochloromethane (µg/L)	<5		<5		<5	<1.0
Endrin (µg/L)	<0.1	<0.1	<0.1		<0.10	<0.05
Ethylbenzene (µg/L)	<5		<5		<5	<1.0
Fluoride (µg/L)	<100		<100		<100	<100
Iron (µg/L)	35		18		<100	<50
Mercury (µg/L)	<0.20		<0.20		<0.2	<0.2
Potassium (mg/L)	<0.500		<0.500		<5.00	<1
Lindane (µg/L)	<0.05	<0.05	<0.05		<0.05	<0.05
Toluene (µg/L)	<5		<5		<5	<1.0
Methoxychlor (µg/L)	<0.5	<0.5	<0.5		<0.52	<0.05
Magnesium (mg/L)	0.432		0.421		<5.0	0.42
Manganese (µg/L)	21		17		<15.0	30
Sodium (mg/L)	2.26		2.22		<5.00	2.40
Nitrate (as N) (mg/L)	1.28		1.27		1.30	1.5
Lead (µg/L)	<6		<6		<5.0	<100
pH (pH)	5.19	5.09	4.72	4.70	5.3	5.1
	5.09	5.04	4.68	4.55		
			4.67			
Phenols (µg/L)	<5		<5		<5	<5
Selenium (µg/L)	<2		<2		<5	<10
Silica (mg/L)	7.15	7.15	7.12		3.11	8.06
Silvex (µg/L)	<0.09		<0.09		<0.52	<0.05
Sulfate (mg/L)	<5.0		<5.0		10.3	<5
1,1,2,2-TCE (µg/L)	<10		<10		<5	<1.0
Tetrachloroethylene (µg/L)	<5.00		<5.00		<5.0	<1.0
Total dissolved solids (mg/L)	24		24		27	42
Total organic carbon (mg/L)	<1.0	<1.0	<1.0	<1.0	<0.50	<5.00
	<1.0	<1.0	<1.0	<1.0		
			<1.0			
Total radium (pCi/L)	1.29		1.51		0.7	1.04
Total organic halogens (µg/L)	16.4	16.4	12.0	15.6	<20	<10
	13.4	16.8	17.9	16.7		
	13.6					
Total phosphates (µg/L)	44	48	<20		<50	30
Trichloroethylene (µg/L)	9.00		11.0		9.0	9.2
Tritium (pCi/mL)	13.8		14.7		20.0	11.5
Turbidity (NTU)	3.61		3.60		44.4	7.5
Toxaphene (µg/L)	<1	<1	<1		<1.0	<0.05
t-1,2-Dichloroethene (µg/L)	<5		<5		<5	<1
1,1-Dichloroethylene (µg/L)	<5		<5		<5	<1.0
1,1-Dichloroethane (µg/L)	<5		<5		<5	<1.0
1,1,1-Trichloroethane (µg/L)	<5.0		<5.0		<5	3.5
1,1,2-Trichloroethane (µg/L)	<5		<5		<5	<1.0
1,2-Dichloroethane (µg/L)	<1		<1		<5	<1.0

SAMPLE ANALYSIS

Analyte	Primary Laboratory		Blind Replicate		Weston		Enwright
Well: BGO 8D Sample Date: 03/11/89 (cont.)							
1,2-Dichloropropane (µg/L)	<10		<10		<5		<1.0
c-1,3-Dichloropropene (µg/L)	<5		<5		<5		<1.0
t-1,3-Dichloropropene (µg/L)	<5		<5		<5		<1.0
2-Chloroethylvinyl ether (µg/L)	<10		<10		<5		<1.0
2,4-D (µg/L)	<0.3		<0.3		<1.0		<0.05
Well: CMP 15A Sample Date: 03/10/89							
Silver (µg/L)	<2		<2		<10		<10
Gross alpha (pCi/L)	0.52		<3.00	1.00	7		<0.75
Arsenic (µg/L)	<2		<2		<10		<5
Barium (µg/L)	20		19		<200		<100
Nonvolatile beta (pCi/L)	5.29		5.17	4.49	8		3.90
Calcium (mg/L)	11.2		10.6		9.88		11.0
Carbon tetrachloride (µg/L)	<1.00		<1.00		<1		<1.0
Cadmium (µg/L)	<2		<2		<5.0		<10
Chloroform (µg/L)	<1.0		<1.0		<1		<1.0
Chloride (mg/L)	<1.0		2.6		<5.0		3.0
Specific conductance (µmhos/cm)	92.4		102	94.7	91.1		93
Chromium (µg/L)	<4		<4		<10.0		<50
Endrin (µg/L)	<0.1		<0.1		<0.11		<0.05
Fluoride (µg/L)	370		350		320	320	330
Iron (µg/L)	199		208		281		260
Mercury (µg/L)	<0.20	<0.20	<0.20		<0.2		<0.2
Potassium (mg/L)	4.84		3.88		15.4		5
Lindane (µg/L)	<0.05		<0.05		<0.05		<0.05
Methoxychlor (µg/L)	<0.5		<0.5		<0.53		<0.05
Magnesium (mg/L)	0.779		0.771		<5.0		0.87
Manganese (µg/L)	31		30		51.0		50
Sodium (mg/L)	3.27		3.25		<5.00		3.30
Nickel (µg/L)	<4		<4		<40.0		<50
Nitrate (as N) (mg/L)	<0.050		<0.050		<0.10		0.1
Lead (µg/L)	<6		<6		<5.0		<100
pH (pH)	6.11		6.14	6.13	6.4		6.3
Phenols (µg/L)	<5		<5		<5		<5
Selenium (µg/L)	<2		<2		<5		<10
Silica (mg/L)	13.8		14.3		7.35		14.9
Silvex (µg/L)	<0.09		<0.09		<0.53		<0.05
Sulfate (mg/L)	<5.0		11.2		11.0		13
Tetrachloroethylene (µg/L)	<1.00		<1.00		<1.0		<1.0
Total dissolved solids (mg/L)	62		64		73		60
Total organic carbon (mg/L)	<1.0	<1.0	<1.0		1.00		<5.00
Total radium (µg/L)	<1.00		0.40	0.31	0.3		<0.50
Total organic halogens (µg/L)	<5.0	<5.0	<5.0		<20		<10
Total phosphates (µg/L)	570		519		470	470	470
Trichloroethylene (µg/L)	<1.00		<1.00		<1.0		<1.0
Tritium (pCi/mL)	<1.00		<1.00	<1.00	0.0		<1.00
Toxaphene (µg/L)	<1		<1		<1.1		<0.05
1,1,1-Trichloroethane (µg/L)	<1.0		<1.0		<1		<1.0
2,4-D (µg/L)	<0.3		<0.3		<1.1		<0.05
Zinc (µg/L)	48		86		37.6		<10

Analyte	Primary Laboratory		Blind Replicate		Weston	Enwright
Well: CMP 16B Sample Date: 03/10/89						
Silver (µg/L)	<2		<2		<10	<10
Gross alpha (pCi/L)	<3.00		<3.00		0	<1.01
Arsenic (µg/L)	<2		<2		<10	<5
Barium (µg/L)	34		31		<200	<100
Nonvolatile beta (pCi/L)	1.36		<2.00		6	<1.03
Calcium (mg/L)	36.4		37.5		31.4	36.0
Carbon tetrachloride (µg/L)	<1.00		<1.00		<1	<1.0
Cadmium (µg/L)	<2		<2		<5.0	<10
Chloroform (µg/L)	<1.0		<1.0		<1	<1.0
Chloride (mg/L)	2.5	2.5	2.6		<5.0	2.0
Specific conductance (µmhos/cm)	168		171		186	180
Chromium (µg/L)	<4		<4		<10.0	<50
Endrin (µg/L)	<0.1		<0.1		<0.10	<0.05
Fluoride (µg/L)	<100		<100	<100	<100	<100
Iron (µg/L)	<20		<20		<100	<30
Mercury (µg/L)	<0.20		<0.20		<0.2	<0.2
Potassium (mg/L)	0.944		0.943		<5.00	<1
Lindane (µg/L)	<0.05		<0.05		<0.05	<0.05
Methoxychlor (µg/L)	<0.5		<0.5		<0.52	<0.05
Magnesium (mg/L)	0.566		0.515		<5.0	0.62
Manganese (µg/L)	<2		<2		<15.0	<20
Sodium (mg/L)	1.57		1.37		<5.00	<1.40
Nickel (µg/L)	<4		<4		<40.0	<50
Nitrate (as N) (mg/L)	0.186		0.198	0.196	0.11	0.3
Lead (µg/L)	<6		<6		<5.0	<100
pH (pH)	7.09		6.96		7.9	7.8
Phenols (µg/L)	<5		<5	<5	<5	<5
Selenium (µg/L)	<2		<2		<5	<10
Silica (mg/L)	14.6		15.5	15.3	7.21	15.6
Silvex (µg/L)	<0.09		<0.09		<0.53	<0.50
Sulfate (mg/L)	<5.0	<5.0	<5.0		<5.0	5
Tetrachloroethylene (µg/L)	<1.00		<1.00		<1.0	<1.0
Total dissolved solids (mg/L)	116		120		123	120
Total organic carbon (mg/L)	1.2		1.1		1.10	<5.00
Total radium (µg/L)	<1.00		0.30		0.0	<0.50
Total organic halogens (µg/L)	<5.0		<5.0		<20.0	<10.0
Total phosphates (µg/L)	22		24		<50	20
Trichloroethylene (µg/L)	<1.00		<1.00		<1.0	<1.0
Tritium (µg/L)	<1.00		<1.00		0.0	<1.00
Toxaphene (µg/L)	<1		<1		<1.0	<0.05
1,1,1-Trichloroethane (µg/L)	<1.0		<1.0		<1	<1.0
2,4-D (µg/L)	<0.3		<0.3		<1.1	<0.50
Zinc (µg/L)	33		100		<20.0	<10
Well: DCB 3A Sample Date: 03/11/89						
Silver (µg/L)	<2		<2		<10	<10
Gross alpha (pCi/L)	0.84	<3.00	1.21		0	<1.44
Arsenic (µg/L)	<2		<2		<10	<5
Barium (µg/L)	33	33	33		<200	<100
Beryllium (µg/L)	<5	<5	<5		<5.0	<10
Nonvolatile beta (pCi/L)	1.64	1.83	<2.00		4	<1.96
Calcium (mg/L)	2.31	2.42	2.80		<5.00	2.50
Carbon tetrachloride (µg/L)	<1	<1	<1.00		<1	<1.0
Cadmium (µg/L)	<2	<2	<2		<5.0	<10

SAMPLE ANALYSIS

Analyte	Primary Laboratory		Blind Replicate		Weston		Enwright
Well: DCB 3A Sample Date: 03/11/89 (cont.)							
Chloroform (µg/L)	<1.0	<1.0	<1.0		<1		<1.0
Chloride (mg/L)	7.1		6.8		10.9		7.0
Specific conductance (µmhos/cm)	67.7		90.5		66.7	66.9	63
Chromium (µg/L)	<4	<4	<4		<10.0		<50
Copper (µg/L)	<4	4	5		<25.0		<20
Fluoride (µg/L)	<100		<100		<100		<100
Iron (µg/L)	59	68	69		210		80
Mercury (µg/L)	<0.20		0.21		<0.2		<0.2
Potassium (mg/L)	0.649	0.651	0.653		<5.00		<1
Magnesium (mg/L)	1.00	0.996	1.26		<5.0		1.00
Manganese (µg/L)	99	95	195		86.8		110
Sodium (mg/L)	6.01	6.07	6.13		8.59		6.30
Nickel (µg/L)	<4	<4	<4		<40.0		<50
Nitrate (as N) (mg/L)	0.157		0.158	0.153	<0.10		0.80
Lead (µg/L)	8	<6	10		5.6		<100
pH (pH)	5.11		5.02		5.2	5.1	5.1
Phenols (µg/L)	<5		<5	<5	<5		<5
Selenium (µg/L)	<2		<2		<5		<10
Silica (mg/L)	9.14		9.11		4.18		9.71
Sulfate (mg/L)	14.9		15.0		14.3		16
Tetrachloroethylene (µg/L)	<1.00	<1.07	1.18		<1.0		1.3
Total dissolved solids (mg/L)	50		44		49		52
Total organic carbon (mg/L)	1.1		1.1		0.62	0.83	<5.00
Total radium (µg/L)	<1.00	<1.00	<1.00		0.0		<0.50
Total organic halogens (µg/L)	9.0		10.7		<20		<10
Total phosphates (µg/L)	<20		<20		<50		<10
Trichloroethylene (µg/L)	2.73	2.66	2.83		3.0		4.6
Tritium (pCi/mL)	3.72	3.52	3.83		5.1		2.66
1,1,1-Trichloroethane (µg/L)	<1.0	<1.0	<1.0		<1		<1.0
Zinc (µg/L)	17	18	19		22.1		<10
Well: DCB 9 Sample Date: 03/11/89							
Silver (µg/L)	<2		<2		<10		<10
Gross alpha (pCi/L)	<3.00		<3.00		7		13.3
Arsenic (µg/L)	43		34		<10		<5
Barium (µg/L)	22		21		<200		<100
Beryllium (µg/L)	18		17		16.8		20
Nonvolatile beta (pCi/L)	<2.00		21.3		11		13.3
Calcium (mg/L)	150		185		111		140
Carbon tetrachloride (µg/L)	<1.00		<1.00		<1		<1.0
Cadmium (µg/L)	4		3		5.2		<10
Chloroform (µg/L)	<1.0		<1.0		<1		<1.0
Chloride (mg/L)	8.8	9.0	4.6		12.0		7.0
Specific conductance (µmhos/cm)	1,450		1,460		1,630		1,600
Chromium (µg/L)	<4		<4		28.6		<50
Copper (µg/L)	67		70		61.8		50
Fluoride (µg/L)	2,200		2,400		940	940	790
Iron (µg/L)	1,470		1,410		1,620		1,700
Mercury (µg/L)	1.53		2.96		1.1		0.5
Potassium (mg/L)	4.01		4.11		<5.00		3
Magnesium (mg/L)	73.0		90.5		56.9		68.0
Manganese (µg/L)	63,000		81,000		46,800		58,000
Sodium (mg/L)	15.1		18.8		15.2		14.0
Nickel (µg/L)	374		343		385		440

Analyte	Primary Laboratory		Blind Replicate		Weston		Enwright
Well: DCB 9 Sample Date: 03/11/89 (cont.)							
Nitrate (as N) (mg/L)	0.763		0.714		0.58		1.0
Lead (µg/L)	11		15		5.7		<100
pH (pH)	3.32		3.36		3.4		4.7
Phenols (µg/L)	<5		10		<5		<5
Selenium (µg/L)	<2		<2		<5		<20
Silica (mg/L)	47.1		47.1		20.5		47.7
Sulfate (mg/L)	951	981	698		1,030		1,600
Tetrachloroethylene (µg/L)	4.08		5.52		5.0		5.8
Total dissolved solids (mg/L)	1,490		1,470	1,480	1,460		1,600
Total organic carbon (mg/L)	2.0		2.0		1.30		<5.00
Total radium (pCi/L)	1.48		1.68		1.7		1.43
Total organic halogens (µg/L)	69.1		63.1		48	34	<10
Total phosphates (µg/L)	108		97		58	<100	50
Trichloroethylene (µg/L)	60.0		73.2		81.0		50.0
Tritium (pCi/mL)	6.42		4.14		6.3		4.05
1,1,1-Trichloroethane (µg/L)	<1.0		<1.0		<1		<1.0
Zinc (µg/L)	1,010		954		967		1,000
Well: FAC 4 Sample Date: 03/13/89							
Silver (µg/L)	<2		<2		<10		<10
Gross alpha (pCi/L)	21.5		13.2	16.7	26		<0.72
Arsenic (µg/L)	<2		<2		<10		<5
Barium (µg/L)	42		41		<200		<100
Nonvolatile beta (pCi/L)	13.0		11.6	13.9	14		<1.02
Calcium (mg/L)	7.14		6.98		6.96		7.50
Cadmium (µg/L)	<2		<2		<5.0		<10
Chloride (mg/L)	2.5		2.5		7.8		2.0
Specific conductance (µmhos/cm)	106		106		105		110
Chromium (µg/L)	<4		<4		<10.0		<50
Fluoride (µg/L)	100		<100		<100		<100
Iron (µg/L)	102		118		206		140
Mercury (µg/L)	0.23		<0.20		<0.2		<0.2
Potassium (mg/L)	3.33		3.67		13.9		3
Magnesium (mg/L)	3.18		3.16		<5.0		3.10
Manganese (µg/L)	320		313		289		330
Sodium (mg/L)	3.84		3.79		5.13		3.90
Nitrate (as N) (mg/L)	0.361		0.359		0.38		0.5
Lead (µg/L)	<6		<6		<5.0		<100
pH (pH)	4.95		4.82		5.2		5.1
Phenols (µg/L)	<5		<5		<5		<5
Selenium (µg/L)	<2		<2		<5		<10
Silica (mg/L)	8.39		8.84		4.12		10.6
Sulfate (mg/L)	37.0		37.8		39.8		18
Total dissolved solids (mg/L)	68		70		77		110
Total organic carbon (mg/L)	<1.0		<1.0		1.10		<5.00
Total radium (pCi/L)	14.3		12.2	11.3	10.0		1.12
Total organic halogens (µg/L)	5.8		5.2		<20		<10
Total phosphates (µg/L)	44	41	39		<100		30
Tritium (pCi/mL)	1.41		1.45	1.67	1.9		<1.00
Turbidity (NTU)	5.48		2.12		31.7		4.5
Zinc (µg/L)	27		19		25.9		20

SAMPLE ANALYSIS

Analyte	Primary Laboratory		Blind Replicate		Weston		Enwright
Well: FET 3D Sample Date: 03/12/89							
Silver (µg/L)	<2		<2		<10		<10
Gross alpha (pCi/L)	0.61		1.37		0		<0.72
Arsenic (µg/L)	<2		<2		<10		<5
Barium (µg/L)	8		9		<200		<100
Nonvolatile beta (pCi/L)	1.13		1.04		5		<0.98
Calcium (mg/L)	0.969		0.880		<5.00		0.95
Cadmium (µg/L)	<2		<2		<5.0		<10
Chloride (mg/L)	4.3		4.4	4.2	6.4		4.0
Specific conductance (µmhos/cm)	45.2	46.1	44.2		41.4		41
Chromium (µg/L)	<4		<4		<10.0		<50
Fluoride (µg/L)	<100		<100		<100		<100
Iron (µg/L)	77		37		<100		60
Mercury (µg/L)	<0.20		<0.20		<0.2		<0.2
Potassium (mg/L)	0.510		<0.500		<5.00		<1
Magnesium (mg/L)	0.519		0.532		<5.0		0.52
Manganese (µg/L)	21		22		18.7		30
Sodium (mg/L)	5.92		6.01		7.40		6.20
Nitrate (as N) (mg/L)	2.13	2.14	2.22		1.90		2.8
Lead (µg/L)	<6		<6		<5.0		<100
pH (pH)	5.03	4.88	5.00		5.2	5.3	5.3
Phenols (µg/L)	<5		<5		<5		<5
Selenium (µg/L)	<2		<2		<5		<10
Silica (mg/L)	7.02		6.95		3.12		6.80
Sulfate (mg/L)	<5.0		<5.0	<5.0	<5.0		8
Total dissolved solids (mg/L)	28		36		40		40
Total organic carbon (mg/L)	<1.0		<1.0		0.73		<5.00
Total radium (pCi/L)	0.58		<1.00		1.0		<0.76
Total organic halogens (µg/L)	<5.0		<5.0		<20		<10
Total phosphates (µg/L)	20		<20		<50		<10
Tritium (pCi/mL)	7.75		7.79		11.0		6.43
Well: FNB 4 Sample Date: 03/10/89							
Silver (µg/L)	<2		<2	<2	<10		<10
Gross alpha (pCi/L)	2.29		2.48		5		12.4
Arsenic (µg/L)	<2		<2	<2	<10		<5
Barium (µg/L)	7	7	8		<200		<100
Beryllium (µg/L)	<5	<5	<5		<5.0		<10
Nonvolatile beta (pCi/L)	2.19		2.17		10		7.18
Calcium (mg/L)	0.620	0.614	0.597		<5.00		0.57
Carbon tetrachloride (µg/L)	<1.00		<1.00		<1		<1.0
Cadmium (µg/L)	<2	<2	<2		<5.0		<10
Chloroform (µg/L)	<1.0		<1.0		<1		<1.0
Chloride (mg/L)	3.1		3.0		7.7		3.0
Specific conductance (µmhos/cm)	33.5		33.6		28.3		28
Chromium (µg/L)	<4	<4	<4		22.9		<50
Copper (µg/L)	5	4	4		<25.0		<20
Fluoride (µg/L)	<100		<100		<100		<100
Iron (µg/L)	35	38	48		<100		80
Mercury (µg/L)	<0.20		<0.20		<0.2		<0.2
Potassium (mg/L)	<0.500	<0.500	<0.500		<5.00		<1
Magnesium (mg/L)	0.604	0.609	0.620		<5.0		0.57
Manganese (µg/L)	9	9	10		<15.0		<20
Sodium (mg/L)	2.48	2.39	2.47		<5.00		2.40
Nickel (µg/L)	<4	<4	<4		<40.0		<50

Analyte	Primary Laboratory		Blind Replicate		Weston		Enwright
Well: FNB 4 Sample Date: 03/10/89 (cont.)							
Nitrate (as N) (mg/L)	1.39		1.40		1.50		1.6
Lead (µg/L)	<6	<6	<6		<5.0		<100
pH (pH)	4.62		4.62		4.7		4.7
Phenols (µg/L)	<5		<5		<5		<5
Selenium (µg/L)	<2		<2	<2	<5		<10
Silica (mg/L)	7.10		7.17		3.27		8.21
Sulfate (mg/L)	<5.0		<5.0		<5.0		<5
Tetrachloroethylene (µg/L)	<1.00		<1.00		<1.0		<1.0
Total dissolved solids (mg/L)	18		18		26		28
Total organic carbon (mg/L)	<1.0		<1.0		<0.50		<5.00
Total radium (pCi/L)	1.44		1.92		1.1		2.29
Total organic halogens (µg/L)	<5.0		<5.0		<20		<10
Total phosphates (µg/L)	20		31		51	<100	120
Trichloroethylene (µg/L)	<1.00		<1.00		<1.0		<1.0
Tritium (pCi/mL)	8.14		5.61		8.2		4.67
1,1,1-Trichloroethane (µg/L)	<1.0		<1.0		<1		<1.0
Zinc (µg/L)	29	31	31		27.8		20
Well: FSB 76B Sample Date: 03/11/89							
Silver (µg/L)	<2		<2		<10		<10
Gross alpha (pCi/L)	<3.00		<3.00		0		<1.61
Arsenic (µg/L)	<2		<2		<10		<5
Barium (µg/L)	21		19		<200		<100
Nonvolatile beta (pCi/L)	0.88		<2.00		7		<1.97
Bromodichloromethane (µg/L)	<5		<5		<5	<5	<1.0
Calcium (mg/L)	25.3		22.4		20.1		23.0
Trichlorofluoromethane (µg/L)	<5		<5		<5	<5	<1
Carbon tetrachloride (µg/L)	<5.00		<5.00		<5	<5	<1.0
Cadmium (µg/L)	<2		<2		<5.0		<10
Bromoform (µg/L)	<10		<10		<5	<5	<1.0
Chloroform (µg/L)	<5.0		<5.0		<5	<5	<1.0
Methylene chloride (µg/L)	<5		<5		<5	6 (B)	<1.0
Bromomethane (µg/L)	<10		<10		<10	<10	<1.0
Chloromethane (µg/L)	<10		<10		<10	<10	<1.0
Chloride (mg/L)	2.6		2.8		<5.0		3.0
Chlorobenzene (µg/L)	<5		<5		<5		<1.0
Cobalt (µg/L)	<4		<4		<50		<50
Specific conductance (µmhos/cm)	119		118		125		130
Chromium (µg/L)	<4		<4		16.5		<50
Copper (µg/L)	13		13		<25.0		<20
Cyanide (µg/L)	<5		<5		<10		<20
Chloroethene (µg/L)	<10		<10		<10	<10	<1.0
Chloroethane (µg/L)	<10		<10		<10	<10	<1.0
Benzene (µg/L)	<5		<5		<5		<1
Dibromochloromethane (µg/L)	<5		<5		<5	<5	<1.0
Endrin (µg/L)	<0.1		<0.1		<0.11		<0.05
Ethylbenzene (µg/L)	<5		<5		<5	<5	<1.0
Fluoride (µg/L)	150		160		110	120	130
Iron (µg/L)	21		<20		<100		<50
Mercury (µg/L)	<0.20		<0.20		2.0		<0.2
Potassium (mg/L)	0.770		0.784		<5.00		<1
Lindane (µg/L)	<0.05		<0.05		<0.05		<0.05
Toluene (µg/L)	<5		<5		<5		<1.0
Methoxychlor (µg/L)	<0.5		<0.5		<0.54		<0.05

SAMPLE ANALYSIS

Analyte	Primary Laboratory		Blind Replicate		Weston		Enwright
Well: FSB 76B Sample Date: 03/11/89 (cont.)							
Magnesium (mg/L)	0.642		0.538		<5.0		0.61
Manganese (µg/L)	3		<2		<15.0		<20
Sodium (mg/L)	1.43		1.50		<5.00		1.50
Nickel (µg/L)	<4		<4		<40.0		<50
Nitrate (as N) (mg/L)	0.545		0.547		0.48		0.9
Lead (µg/L)	<6		7		<5.0		<100
pH (pH)	6.66		6.54		6.9		6.8
Phenols (µg/L)	<5		<5		<5		<5
Antimony (µg/L)	<3		<3		<60		<200
Selenium (µg/L)	<2		<2		<5		<10
Silica (mg/L)	17.0		18.2		8.15		16.9
Silvex (µg/L)	<0.09		<0.09		<0.53		<0.50
Sulfate (mg/L)	<5.0		<5.0		<5.0		6
1,1,2,2-TCE (µg/L)	<10		<10		<5	<5	<1.0
Tetrachloroethylene (µg/L)	<5.00		<5.00		<5.0	<5.0	<1.0
Total dissolved solids (mg/L)	84		88		92		84
Thallium (µg/L)	<2		<2		<10		<100
Total organic carbon (mg/L)	<1.0		1.0		0.93		<5.00
Total radium (pCi/L)	<1.00		0.66		0.5		<0.62
Total organic halogens (µg/L)	7.4		<5.0		<20		<10
Total phosphates (µg/L)	389	393	349		330		330
Trichloroethylene (µg/L)	<5.00		<5.00		<5.0		<1.0
Tritium (pCi/mL)	0.31		<1.00		0.0		<1.00
Toxaphene (µg/L)	<1		<1		<1.1		<0.05
t-1,2-Dichloroethene (µg/L)	<5		<5		<5	<5	<1
Vanadium (µg/L)	<2		<2		<50		<1,000
1,1-Dichloroethylene (µg/L)	<5		<5		<5		<1.0
1,1-Dichloroethane (µg/L)	<5		<5		<5	<5	<1.0
1,1,1-Trichloroethane (µg/L)	<5.0		<5.0		<5	<5	<1.0
1,1,2-Trichloroethane (µg/L)	<5		<5		<5	<5	<1.0
1,2-Dichloroethane (µg/L)	<1		<1		<5	<5	<1.0
1,2-Dichloropropane (µg/L)	<10		<10		<5	<5	<1.0
c-1,3-Dichloropropene (µg/L)	<5		<5		<5	<5	<1.0
t-1,3-Dichloropropene (µg/L)	<5		<5		<5	<5	<1.0
2-Chloroethylvinyl ether (µg/L)	<10		<10.0		<5	<5	<1.0
2,4-D (µg/L)	<0.3		<0.3		<1.1		<0.50
Zinc (µg/L)	19		23		46.2		<10
Well: FSB 88C Sample Date: 03/11/89							
Silver (µg/L)	<2		<2		<10		<10
Gross alpha (pCi/L)	0.54		<3.00		0		<1.41
Arsenic (µg/L)	<2		<2		<10		<5
Barium (µg/L)	13		14	14	<200		<100
Nonvolatile beta (pCi/L)	1.38		1.56		3		<1.96
Bromodichloromethane (µg/L)	<5		<5		<5		<1.0
Bis-(2-ethylhexyl) phthalate (µg/L)	<10		<10		<10		<10
Calcium (mg/L)	3.67		4.55	4.60	<5.00		4.10
Trichlorofluoromethane (µg/L)	<5		<5		<5		<1
Carbon tetrachloride (µg/L)	<5.00		<5.00		<5		<1.0
Cadmium (µg/L)	<2		<2	<2	<5.0		<10
Bromoform (µg/L)	<10		<10		<5		<1.0
Chloroform (µg/L)	<5.0		<5.0		<5		<1.0
Methylene chloride (µg/L)	<5		<5		<5		<1.0
Bromomethane (µg/L)	<10		<10		<10		<1.0

Analyte	Primary Laboratory	Blind Replicate		Weston		Enwright
Well: FSB 88C Sample Date: 03/11/89 (cont.)						
Chloromethane (µg/L)	<10	<10		<10		<1.0
Chloride (mg/L)	3.5	3.8		<5.0		3.5
Chlorobenzene (µg/L)	<5	<5		<5		<1.0
Cobalt (µg/L)	<4	<4	<4	<50		<50
Specific conductance (µmhos/cm)	46.3	45.3		45.4		42
Chromium (µg/L)	<4	<4	<4	<10.0		<50
Copper (µg/L)	8	6	6	<25.0		<20
Cyanide (µg/L)	<5	<5		<10		<20
Chloroethene (µg/L)	<10	<10		<10		<1.0
Chloroethane (µg/L)	<10	<10		<10		<1.0
Benzene (µg/L)	<5	<5		<5		<1
Dibromochloromethane (µg/L)	<5	<5		<5		<1.0
Endrin (µg/L)	<0.1	<0.1		<0.11		<0.10
Ethylbenzene (µg/L)	<5	<5		<5		<1.0
Fluoride (µg/L)	<100	<100		<100		<100
Iron (µg/L)	22	<20	28	<100		60
Mercury (µg/L)	<0.20	<0.20		<0.2		<0.2
Potassium (mg/L)	0.681	0.694	0.593	<5.00		<1
Lindane (µg/L)	<0.05	<0.05		<0.05		<0.05
Toluene (µg/L)	<5	<5		<5		<1.0
Methoxychlor (µg/L)	<0.5	<0.5		<0.53		<0.50
Magnesium (mg/L)	0.400	0.435	0.427	<5.0		0.51
Manganese (µg/L)	12	14	14	<15.0		30
Sodium (mg/L)	2.79	3.09	3.18	5.09		3.60
Nickel (µg/L)	<4	<4	<4	<40.0		<50
Nitrate (as N) (mg/L)	1.74	1.74		1.70		2.3
Lead (µg/L)	<6	<6	7	<5.0		<100
pH (pH)	5.62	5.59		5.7		5.7
Phenols (µg/L)	<5	<5		<5		<5
Antimony (µg/L)	<3	<3	<3	<60		<200
Selenium (µg/L)	<2	<2		<5		<10
Silica (mg/L)	7.93	7.90		3.47		8.07
Silvex (µg/L)	<0.09	<0.09		<0.54		<0.01
Sulfate (mg/L)	<5.0	<5.0		<5.0		7
1,1,2,2-TCE (µg/L)	<10	<10		<5		<1.0
Tetrachloroethylene (µg/L)	14.0	12.0		11.0		11.0
Total dissolved solids (mg/L)	38	36		39		46
Thallium (µg/L)	<2	<2		<10		<100
Total organic carbon (mg/L)	<1.0	<1.0		<0.50		<10.0
Total radium (pCi/L)	0.45	0.39		0.0		<0.59
Total organic halogens (µg/L)	11.6	10.1		<20		<5
Total phosphates (µg/L)	47	39		<50	<50	40
Trichloroethylene (µg/L)	<5.00	<5.00		<5.0		2.5
Tritium (pCi/mL)	19.2	19.5		25.0		15.2
Toxaphene (µg/L)	<1	<1		<1.1		<1.00
t-1,2-Dichloroethene (µg/L)	<5	<5		<5		<1
Vanadium (µg/L)	<2	<2	<2	<50		<1,000
1,1-Dichloroethylene (µg/L)	<5	<5		<5		<1.0
1,1-Dichloroethane (µg/L)	<5	<5		<5		<1.0
1,1,1-Trichloroethane (µg/L)	<5.0	<5.0		<5		<1.0
1,1,2-Trichloroethane (µg/L)	<5	<5		<5		<1.0
1,2-Dichloroethane (µg/L)	<1	<1		<5		<1.0
1,2-Dichloropropane (µg/L)	<10	<10		<5		<1.0
c-1,3-Dichloropropene (µg/L)	<5	<5		<5		<1.0
t-1,3-Dichloropropene (µg/L)	<5	<5		<5		<1.0

SAMPLE ANALYSIS

Analyte	Primary Laboratory	Blind Replicate	Weston	Enwright
Well: FSB 88C Sample Date: 03/11/89 (cont.)				
2-Chloroethylvinyl ether (µg/L)	<10	<10	<5	<1.0
2,4-D (µg/L)	<0.3	<0.3	<1.1	<0.50
Zinc (µg/L)	22	24 22	25.7	20
Well: FSB111C Sample Date: 03/11/89				
Silver (µg/L)	<2	<2	<10	<10
Gross alpha (pCi/L)	<3.00	<3.00	0	<1.42
Arsenic (µg/L)	<2	<2	<10	<5
Barium (µg/L)	8	8	<200	<100
Nonvolatile beta (pCi/L)	1.25	0.97	4	<1.96
Bromodichloromethane (µg/L)	<5	<5	<5	<1.0
Calcium (mg/L)	13.2	6.08	5.12	5.60
Trichlorofluoromethane (µg/L)	<5	<5	<5	<1
Carbon tetrachloride (µg/L)	<5.00	<5.00	<5	<1.0
Cadmium (µg/L)	<2	<2	<5.0	<10
Bromoform (µg/L)	<10	<10	<5	<1.0
Chloroform (µg/L)	<5.0	<5.0	<5	<1.0
Methylene chloride (µg/L)	<5	<5	<5	<1.0
Bromomethane (µg/L)	<10	<10	<10	<1.0
Chloromethane (µg/L)	<10	<10	<10	<1.0
Chloride (mg/L)	3.6	3.6	6.0	3.5
Chlorobenzene (µg/L)	<5	<5	<5	<1.0
Cobalt (µg/L)	<4	<4	<50	<50
Specific conductance (µmhos/cm)	52.2	51.2	52.9	50
Chromium (µg/L)	<4	<4	<10.0	<50
Copper (µg/L)	6	7	<25.0	<20
Cyanide (µg/L)	<5	<5	<10	<20
Chloroethene (µg/L)	<10	<10	<10	<1.0
Chloroethane (µg/L)	<10	<10	<10	<1.0
Benzene (µg/L)	<5	<5	<5	<1
Dibromochloromethane (µg/L)	<5	<5	<5	<1.0
Endrin (µg/L)	<0.1	<0.1	<0.11	<0.05
Ethylbenzene (µg/L)	<5	<5	<5	<1.0
Fluoride (µg/L)	<100	<100	<100	<100
Iron (µg/L)	<20	21	<100	40
Mercury (µg/L)	<0.20	<0.20	<0.2	<0.2
Potassium (mg/L)	<0.500	<0.500	<5.00	<1
Lindane (µg/L)	<0.05	<0.05	<0.05	<0.05
Toluene (µg/L)	<5	<5	<5	<1.0
Methoxychlor (µg/L)	<0.5	<0.5	<0.54	<0.05
Magnesium (mg/L)	0.375	0.375	<5.0	0.37
Manganese (µg/L)	8	9	<15.0	<20
Sodium (mg/L)	3.23	3.21	<5.00	3.00
Nickel (µg/L)	<4	<4	<40.0	<50
Nitrate (as N) (mg/L)	1.82	1.81	1.70	2.0
Lead (µg/L)	<6	<6	<5.0	<100
pH (pH)	5.61	5.54	5.9	5.7
Phenols (µg/L)	<5	<5	<5	<5
Antimony (µg/L)	<3	<3	<60	<200
Selenium (µg/L)	<2	<2	<5	<10
Silica (mg/L)	9.58	9.46	4.11	10.5
Silvex (µg/L)	<0.09	<0.09	<0.53	<0.50
Sulfate (mg/L)	<5.0	<5.0	<5.0	7
1,1,2,2-TCE (µg/L)	<10	<10	<5	<1.0

Analyte	Primary Laboratory		Blind Replicate		Weston	Enwright
Well: FSB111C Sample Date: 03/11/89 (cont.)						
Tetrachloroethylene (µg/L)	<5.00		<5.00		<5.0	2.0
Total dissolved solids (mg/L)	32	40	20		46	56
Thallium (µg/L)	<2		<2		<10	<100
Total organic carbon (mg/L)	<1.0		<1.0		1.20	<5.00
Total radium (pCi/L)	<1.00		<1.00		0.0	<0.41
Total organic halogens (µg/L)	<5.0		6.4	6.8	<20	<10
Total phosphates (µg/L)	141		155		130	120
Trichloroethylene (µg/L)	6.00		5.00		<5.0	3.3
Tritium (pCi/mL)	6.71		6.87		8.9	4.88
Toxaphene (µg/L)	<1		<1		<1.1	<0.05
t-1,2-Dichloroethene (µg/L)	<5		<5		<5	<1
Vanadium (µg/L)	<2		<2		<50	<1,000
1,1-Dichloroethylene (µg/L)	<5		<5		<5	<1.0
1,1-Dichloroethane (µg/L)	<5		<5		<5	<1.0
1,1,1-Trichloroethane (µg/L)	<5.0		<5.0		<5	<1.0
1,1,2-Trichloroethane (µg/L)	<5		<5		<5	<1.0
1,2-Dichloroethane (µg/L)	<1		<1		<5	<1.0
1,2-Dichloropropane (µg/L)	<10		<10		<5	<1.0
c-1,3-Dichloropropene (µg/L)	<5		<5		<5	<1.0
t-1,3-Dichloropropene (µg/L)	<5		<5		<5	<1.0
2-Chloroethylvinyl ether (µg/L)	<10		<10		<5	<1.0
2,4-D (µg/L)	<0.3		<0.3		<1.1	<0.50
Zinc (µg/L)	19		34		<20.0	<10
Well: HET 1D Sample Date: 03/11/89						
Silver (µg/L)	<2		<2		<10	<10
Gross alpha (pCi/L)	<3.00		<3.00		0	<0.65
Arsenic (µg/L)	<2		<2		<10	<5
Barium (µg/L)	5		4		<200	<100
Nonvolatile beta (pCi/L)	3.49		<2.00		5	<1.01
Calcium (mg/L)	0.707		0.245		<5.00	0.20
Cadmium (µg/L)	<2		<2		<5.0	<10
Chloride (mg/L)	5.4		5.6		9.0	5.0
Specific conductance (µmhos/cm)	44.2		59.7		46.0	42
Chromium (µg/L)	<4		<4		<10.0	<50
Fluoride (µg/L)	<100		<100		<100	<100
Iron (µg/L)	24		28		<100	<50
Mercury (µg/L)	0.23		0.23		<0.2	<0.2
Potassium (mg/L)	<0.500		<0.500		<5.00	<1
Magnesium (mg/L)	0.192		0.153		<5.0	0.17
Manganese (µg/L)	16		14		<15.0	30
Sodium (mg/L)	7.47		7.76		8.60	6.70
Nitrate (as N) (mg/L)	1.27		1.35	1.29	1.30	1.6
Lead (µg/L)	<6		<6		<5.0	<100
pH (pH)	5.02		4.55		5.1	5.0
Phenols (µg/L)	<5		<5		<5	<5
Selenium (µg/L)	<2		<2		<5	<10
Silica (mg/L)	5.50		5.44		2.49	5.71
Sulfate (mg/L)	<5.0		<5.0		<5.0	6
Total dissolved solids (mg/L)	26		24		37	160
Total organic carbon (mg/L)	1.2		1.2		<0.50	<5.00
Total radium (pCi/L)	<1.00		<1.00		0.0	<0.50
Total organic halogens (µg/L)	5.6		5.7		<20	<10

SAMPLE ANALYSIS

Analyte	Primary Laboratory		Blind Replicate		Weston		Enwright
Well: HET 1D Sample Date: 03/11/89 (cont.)							
Total phosphates (µg/L)	<20		<20		<50		<10
Tritium (pCi/mL)	37.1		38.1		49.0		34.4
Well: HSB 65B Sample Date: 03/12/89							
Silver (µg/L)	<2		<2		<10		<10
Aluminum (µg/L)	<20		<20	<20	<200		<400
Gross alpha (pCi/L)	<3.00	<3.00	0.95		0		<1.17
Arsenic (µg/L)	<2		<2		<10		<5
Barium (µg/L)	18		18	18	<200		<100
Nonvolatile beta (pCi/L)	<2.00	<2.00	<2.0		0		<0.99
Bromodichloromethane (µg/L)	<5		<5		<5		<1.0
Calcium (mg/L)	40.8		38.6	40.3	33.2		37.0
Trichlorofluoromethane (µg/L)	<5		<5		<5		<1
Carbon tetrachloride (µg/L)	<5.00		<5.00		<5		<1.0
Cadmium (µg/L)	<2		<2	<2	<5.0		<10
Bromoform (µg/L)	<10		<10		<5		<1.0
Chloroform (µg/L)	<5.0		<5.0		<5		<1.0
Methylene chloride (µg/L)	<5		<5		<5		<1.0
Bromomethane (µg/L)	<10		<10		<10		<1.0
Chloromethane (µg/L)	<10		<10		<10		<1.0
Chloride (mg/L)	2.8		2.9		<5.0		3.0
Chlorobenzene (µg/L)	<5		<5		<5		<1.0
Cobalt (µg/L)	<4		<4	<4	<50		<50
Specific conductance (µmhos/cm)	188		186		181		190
Chromium (µg/L)	<4		<4	<4	18.1		<50
Copper (µg/L)	12		12	12	<25.0		<20
Cyanide (µg/L)	<5		<5		<10		<20
Chloroethene (µg/L)	<10		<10		<10		<1.0
Chloroethane (µg/L)	<10		<10		<10		<1.0
Benzene (µg/L)	<5		<5		<5		<1
Dibromochloromethane (µg/L)	<5		<5		<5		<1.0
Endrin (µg/L)	<0.1		<0.1		<0.10	<0.11	<0.05
Ethylbenzene (µg/L)	<5		<5		<5		<1.0
Fluoride (µg/L)	<100		120		<100		<100
Iron (µg/L)	<20		21	43	<100		<50
Mercury (µg/L)	<0.20		<0.20		<0.2		<0.2
Potassium (mg/L)	0.578		0.541	0.629	<5.00		<1
Toluene (µg/L)	<5		<5		<5		<1.0
Magnesium (mg/L)	0.722		0.740	0.757	<5.0		0.76
Manganese (µg/L)	2		<2	<2	<15.0		<20
Sodium (mg/L)	1.63		1.70	1.75	<5.00		1.60
Nickel (µg/L)	<4		<4	<4	<40.0		<50
Nitrate (as N) (mg/L)	0.061		0.073		<0.10		<0.1
Lead (µg/L)	25		<6	<6	5.6		<100
pH (pH)	6.99		6.65		7.8		7.5
Phenols (µg/L)	<5		<5		<5		<5
Antimony (µg/L)	<3		<3	<3	<60		<200
Selenium (µg/L)	<2		<2		<5		<10
Silica (mg/L)	15.5		15.4		7.11		16.7
Sulfate (mg/L)	<5.0		<5.0		<5.0		7
1,1,2,2-TCE (µg/L)	<10		<10		<5		<1.0
Tetrachloroethylene (µg/L)	<5.00		<5.00		<5.0		<1.0
Total dissolved solids (mg/L)	122		116		128		110
Total organic carbon (mg/L)	1.1		1.0		1.80		<5.00

Analyte	Primary Laboratory		Blind Replicate		Weston	Enwright
Well: HSB 65B Sample Date: 03/12/89 (cont.)						
Total radium (pCi/L)	<1.00	<1.00	<1.00		0.0	<0.47
Total organic halogens (µg/L)	<5.0		<5.0		<20	<10
Total phosphates (µg/L)	87	84	42		64	20
Trichloroethylene (µg/L)	7.00		<5.00		<5.0	<1.0
Tritium (pCi/mL)	0.28	0.34	0.32		0.0	<1.00
t-1,2-Dichloroethene (µg/L)	<5		<5		<5	<1
Vanadium (µg/L)	3		3	2	<50	<1,000
1,1-Dichloroethylene (µg/L)	<5		<5		<5	<1.0
1,1-Dichloroethane (µg/L)	<5		<5		<5	<1.0
1,1,1-Trichloroethane (µg/L)	<5.0		<5.0		<5	<1.0
1,1,2-Trichloroethane (µg/L)	<5		<5		<5	<1.0
1,2-Dichloroethane (µg/L)	<1		<1		<5	<1.0
1,2-Dichloropropane (µg/L)	<10		<10		<5	<1.0
c-1,3-Dichloropropene (µg/L)	<5		<5		<5	<1.0
t-1,3-Dichloropropene (µg/L)	<5		<5		<5	<1.0
2-Chloroethylvinyl ether (µg/L)	<10		<10		<5	<1.0
Zinc (µg/L)	29		12	16	49.4	<10
Well: HSB 83C Sample Date: 03/12/89						
Silver (µg/L)	<2		<2		<10	<10
Aluminum (µg/L)	36	29	<20		342	<400
Gross alpha (pCi/L)	<3.00		<3.00		0	<0.71
Arsenic (µg/L)	<2		<2		<10	<5
Barium (µg/L)	4	<4	<4		<200	<100
Nonvolatile beta (pCi/L)	<2.00		1.36		6	<0.98
Bromodichloromethane (µg/L)	<5		<5		<5	<1.0
Calcium (mg/L)	2.20	2.02	1.19		<5.00	1.20
Trichlorofluoromethane (µg/L)	<5		<5		<5	<1
Carbon tetrachloride (µg/L)	<5.00		<5.00		<5	<1.0
Cadmium (µg/L)	<2	<2	<2		<5.0	<10
Bromoform (µg/L)	<10		<10		<5	<1.0
Chloroform (µg/L)	<5.0		<5.0		<5	<1.0
Methylene chloride (µg/L)	<5		<5		<5	<1.0
Bromomethane (µg/L)	<10		<10		<10	<1.0
Chloromethane (µg/L)	<10		<10		<10	<1.0
Chloride (mg/L)	2.9		2.9		<5.0	3.0
Chlorobenzene (µg/L)	<5		<5		<5	<1.0
Cobalt (µg/L)	<4	<4	<4		<50	<50
Specific conductance (µmhos/cm)	22.4		24.9		20.5	20
Chromium (µg/L)	<4	<4	<4		18.6	<50
Copper (µg/L)	5	5	5		46.9	<20
Cyanide (µg/L)	<5	<5	<5		<10	<20
Chloroethene (µg/L)	<10		<10		<10	<1.0
Chloroethane (µg/L)	<10		<10		<10	<1.0
Benzene (µg/L)	<5		<5		<5	<1
Dibromochloromethane (µg/L)	<5		<5		<5	<1.0
Endrin (µg/L)	<0.1		<0.1		<0.10	<0.05
Ethylbenzene (µg/L)	<5		<5		<5	<1.0
Fluoride (µg/L)	110	110	<100		<100	<100
Iron (µg/L)	21	21	<20		<100	50
Mercury (µg/L)	<0.20		<0.20		<0.2	<0.2
Potassium (mg/L)	<0.500	0.514	<0.500		8.33	<1
Toluene (µg/L)	<5		<5		<5	<1.0
Magnesium (mg/L)	0.477	0.444	0.418		<5.0	0.45

SAMPLE ANALYSIS

Analyte	Primary Laboratory		Blind Replicate		Weston		Enwright
Well: HSB 83C Sample Date: 03/12/89 (cont.)							
Manganese (µg/L)	8	8	7		<15.0		<20
Sodium (mg/L)	1.98	1.64	1.66		<5.00		1.80
Nickel (µg/L)	<4	<4	<4		<40.0		<50
Nitrate (as N) (mg/L)	0.113		0.100		0.11		0.1
Lead (µg/L)	<6		<6		5.3		<100
pH (pH)	5.03		5.08		5.4		5.4
Phenols (µg/L)	<5		<5		<5		<5
Antimony (µg/L)	<3	<3	<3		<60		<200
Selenium (µg/L)	<2		<2		<5		<10
Silica (mg/L)	13.4		12.9		5.88		13.2
Sulfate (mg/L)	<5.0		<5.0		<5.0		8
1,1,2,2-TCE (µg/L)	<10		<10		<5		<1.0
Tetrachloroethylene (µg/L)	<5.00		<5.00		<5.0		<1.0
Total dissolved solids (mg/L)	26	20	24		29	29	34
Total organic carbon (mg/L)	<1.0		<1.0		2.00		<5.00
Total radium (pCi/L)	<1.00		<1.00		0.0		<0.41
Total organic halogens (µg/L)	<5.0		<5.0		<20		<10
Total phosphates (µg/L)	<20		90		75		70
Trichloroethylene (µg/L)	<5.00		<5.00		<5.0		<1.0
Tritium (pCi/mL)	1.43		1.47		1.9		2.18
t-1,2-Dichloroethene (µg/L)	<5		<5		<5		<1
Vanadium (µg/L)	2	<2	2		<50		<1,000
1,1-Dichloroethylene (µg/L)	<5		<5		<5		<1.0
1,1-Dichloroethane (µg/L)	<5		<5		<5		<1.0
1,1,1-Trichloroethane (µg/L)	<5.0		<5.0		<5		<1.0
1,1,2-Trichloroethane (µg/L)	<5		<5		<5		<1.0
1,2-Dichloroethane (µg/L)	<1		<1		<5		<1.0
1,2-Dichloropropane (µg/L)	<10		<10		<5		<1.0
c-1,3-Dichloropropene (µg/L)	<5		<5		<5		<1.0
t-1,3-Dichloropropene (µg/L)	<5		<5		<5		<1.0
2-Chloroethylvinyl ether (µg/L)	<10		<10		<5		<1.0
Zinc (µg/L)	33	29	16		25.7		20
Well: HSB132C Sample Date: 03/13/89							
Silver (µg/L)	<2		<2	<2	<10		<10
Aluminum (µg/L)	39		36		<200		<400
Gross alpha (pCi/L)	0.69		<3.00		0		<0.68
Arsenic (µg/L)	<2		<2	<2	<10		<5
Barium (µg/L)	7		7		<200		<100
Nonvolatile beta (pCi/L)	2.50		1.70		0		<1.01
Bromodichloromethane (µg/L)	<5		<5	<5	<5		<1.0
Calcium (mg/L)	1.35		0.937		<5.00		1.10
Trichlorofluoromethane (µg/L)	<5		<5	<5	<5		<1
Carbon tetrachloride (µg/L)	<5.00		<5.00	<5.00	<5		<1.0
Cadmium (µg/L)	<2		<2		<5.0		<10
Bromoform (µg/L)	<10		<10	<10	<5		<1.0
Chloroform (µg/L)	<5.0		<5.0	<5.0	<5		<1.0
Methylene chloride (µg/L)	<5		<5	<5	<5		<1.0
Bromomethane (µg/L)	<10		<10	<10	<10		<1.0
Chloromethane (µg/L)	<10		<10	<10	<10		<1.0
Chloride (mg/L)	3.0		3.0		<5.0		3.0
Chlorobenzene (µg/L)	<5		<5	<5	<5		<1.0
Cobalt (µg/L)	<4		<4		<50		<50
Specific conductance (µmhos/cm)	62.9		63.2		60.9		62

Analyte	Primary Laboratory	Blind Replicate		Weston	Enwright
Well: HSB132C Sample Date: 03/13/89 (cont.)					
Chromium (µg/L)	<4	<4		<10.0	<50
Copper (µg/L)	<4	<4		<25.0	<20
Cyanide (µg/L)	<5	<5		<10	<20
Chloroethene (µg/L)	<10	<10	<10	<10	<1.0
Chloroethane (µg/L)	<10	<10	<10	<10	<1.0
Benzene (µg/L)	<5	<5	<5	<5	<1
Dibromochloromethane (µg/L)	<5	<5	<5	<5	<1.0
Endrin (µg/L)	<0.1	<0.1		<0.10	<0.05
Ethylbenzene (µg/L)	<5	<5	<5	<5	<1.0
Fluoride (µg/L)	<100	120		<100	<100
Iron (µg/L)	388	451		452	450
Mercury (µg/L)	<0.20	<0.20	<0.20	<0.2	<0.2
Potassium (mg/L)	1.63	1.88		<5.00	1
Toluene (µg/L)	<5	<5	<5	<5	<1.0
Magnesium (mg/L)	0.271	0.273		<5.0	0.30
Manganese (µg/L)	26	26		24.0	40
Sodium (mg/L)	9.84	9.44		12.3	10.0
Nickel (µg/L)	<4	<4		<40.0	<50
Nitrate (as N) (mg/L)	0.211	0.201		0.18	0.3
Lead (µg/L)	9	12		6.3	<100
pH (pH)	4.91	5.28		5.6	5.5
Phenols (µg/L)	<5	<5		<5	<5
Antimony (µg/L)	<3	<3		<60	<200
Selenium (µg/L)	<2	<2	<2	<5	<10
Silica (mg/L)	8.59	9.09		3.93	8.85
Sulfate (mg/L)	15.7	15.7		15.0	17
1,1,2,2-TCE (µg/L)	<10	<10	<10	<5	<1.0
Tetrachloroethylene (µg/L)	204	<5.0	<5.0	<5.0	<1.0
Total dissolved solids (mg/L)	44	48		49	78
Total organic carbon (mg/L)	<1.0	<1.0		<0.50	<5.00
Total radium (pCi/L)	<1.00	<1.00		0.0	<0.50
Total organic halogens (µg/L)	20.3	11.7	12.6	<20	<10
Total phosphates (µg/L)	133	133		110	100
Trichloroethylene (µg/L)	61.0	<5.00	<5.00	<5.0	<1.0
Tritium (pCi/mL)	0.23	<1.00		0.0	<1.00
t-1,2-Dichloroethene (µg/L)	<5	<5	<5	<5	<1
Vanadium (µg/L)	2	<2		<50	<1,000
1,1-Dichloroethylene (µg/L)	<5	<5	<5	<5	<1.0
1,1-Dichloroethane (µg/L)	<5	<5	<5	<5	<1.0
1,1,1-Trichloroethane (µg/L)	<5.0	<5.0	<5.0	<5	<1.0
1,1,2-Trichloroethane (µg/L)	<5	<5	<5	<5	<1.0
1,2-Dichloroethane (µg/L)	<1	<1	<1	<5	<1.0
1,2-Dichloropropane (µg/L)	<10	<10	<10	<5	<1.0
c-1,3-Dichloropropene (µg/L)	<5	<5	<5	<5	<1.0
t-1,3-Dichloropropene (µg/L)	<5	<5	<5	<5	<1.0
2-Chloroethylvinyl ether (µg/L)	<10	<10	<10	<5	<1.0
Zinc (µg/L)	47	40		<20.0	30
Well: HSS 2D Sample Date: 03/12/89					
Silver (µg/L)	<2	<2		<10	<10
Gross alpha (pCi/L)	<3.00	1.04		0	<0.63
Arsenic (µg/L)	<2	<2		<10	<5
Barium (µg/L)	23	22		<200	<100
Nonvolatile beta (pCi/L)	1.93	2.49		6	<0.95

SAMPLE ANALYSIS

Analyte	Primary Laboratory		Blind Replicate		Weston		Enwright
Well: HSS 2D Sample Date: 03/12/89 (cont.)							
Calcium (mg/L)	0.930		0.826		<5.00		0.92
Cadmium (µg/L)	<2		<2		<5.0		<10
Chloride (mg/L)	2.6		2.5		<5.0		3.0
Specific conductance (µmhos/cm)	32.9		32.8		23.2		26
Chromium (µg/L)	<4		<4		<10.0		<50
Copper (µg/L)	<4		<4		<25.0		<20
Fluoride (µg/L)	<100		<100		<100		<100
Iron (µg/L)	33		57		<100		<50
Mercury (µg/L)	<0.20		<0.20		<0.2		<0.2
Potassium (mg/L)	1.72		1.58		<5.00		1
Magnesium (mg/L)	0.310		0.297		<5.0		0.30
Manganese (µg/L)	40		41		33.1		50
Sodium (mg/L)	1.94		1.80		<5.00		2.10
Nickel (µg/L)	<4		<4		<40.0		<50
Nitrate (as N) (mg/L)	0.803		0.801		0.80		1.6
Lead (µg/L)	<6		<6		<5.0		<100
pH (pH)	5.33		5.33		5.6		5.6
Phenols (µg/L)	<5		<5		<5		<5
Selenium (µg/L)	<2		<2		<5		<10
Silica (mg/L)	23.2		23.6		10.6		24.2
Sulfate (mg/L)	<5.0		<5.0		<5.0	<5.0	7
Total dissolved solids (mg/L)	40		46	38	45	46	52
Total organic carbon (mg/L)	<1.0		<1.0		<0.50		<5.00
Total radium (pCi/L)	<1.00		<1.00		0.3		<0.45
Total organic halogens (µg/L)	8.7		8.5		<20		<10
Total phosphates (µg/L)	91		33		<50		<10
Tritium (pCi/mL)	1.37		1.35		1.6		1.23
Well: KSS 3D Sample Date: 03/12/89							
Silver (µg/L)	<2	<2	<2		<10		<10
Gross alpha (pCi/L)	<3.00	<3.00	<3.00		0		<0.70
Arsenic (µg/L)	<2	<2	<2		<10		<5
Barium (µg/L)	12		12		<200		<100
Nonvolatile beta (pCi/L)	<2.00	<2.00	<2.00		0		<0.92
Calcium (mg/L)	13.0		14.0		11.4		13.0
Cadmium (µg/L)	<2		<2		<5.0		<10
Chloride (mg/L)	2.9		2.9		<5.0		2.0
Specific conductance (µmhos/cm)	73.6		75.3		68.0	67.8	66
Chromium (µg/L)	<4		<4		17.9		<50
Copper (µg/L)	12		12		60.9		<20
Fluoride (µg/L)	<100		<100	<100	<100		<100
Iron (µg/L)	24		29		<100		<50
Mercury (µg/L)	<0.20		<0.20		<0.2		<0.2
Potassium (mg/L)	<0.500		<0.500		11.3		<1
Magnesium (mg/L)	0.401		0.410		<5.0		0.39
Manganese (µg/L)	32		33		36.6		40
Sodium (mg/L)	1.66		1.65		<5.00		1.70
Nickel (µg/L)	<4		<4		<40.0		<50
Nitrate (as N) (mg/L)	0.380		0.382		0.36		0.5
Lead (µg/L)	<6		<6		<5.0		<100
pH (pH)	6.05		5.93		6.4	6.5	6.4
Phenols (µg/L)	<5		<5		<5	<5	<5
Selenium (µg/L)	<2	<2	<2		<5		<10
Silica (mg/L)	7.62		7.57		3.54		7.34

Analyte	Primary Laboratory		Blind Replicate		Weston		Enwright
Well: KSS 3D Sample Date: 03/12/89 (cont.)							
Sulfate (mg/L)	<5.0		<5.0		<5.0		7
Total dissolved solids (mg/L)	52		48		51		48
Total organic carbon (mg/L)	<1.0		<1.0		0.83		<5.00
Total radium (pCi/L)	<1.00	<1.00	<1.00		0.0		<0.38
Total organic halogens (µg/L)	<5.0	<5.0	5.5		<20		<10
Total phosphates (µg/L)	52		42		<50		30
Tritium (pCi/mL)	3.32	3.34	3.30		3.9		2.74
Well: LFW 10A Sample Date: 03/22/89							
Gross alpha (pCi/L)	2.24		1.94		3		1.51
Arsenic (µg/L)	<2		<2	<2	<100		<5
Nonvolatile beta (pCi/L)	4.06		4.10		3		3.50
Calcium (mg/L)	0.754		0.827		<5.0		0.53
Carbon tetrachloride (µg/L)	<1.00		<1.00		<1		<2.5
Cadmium (µg/L)	<2		<2	<2	<5.0		<10
Chloroform (µg/L)	<1.0		<1.0		<1		<2.5
Chloride (mg/L)	3.1		3.0		<5.0		9.0
Specific conductance (µmhos/cm)	29.2		27.5		13.5		19
Chromium (µg/L)	<4		<4	<4	<10.0		<50
Cyanide (µg/L)	<5		<5		<10		<20
Endrin (µg/L)	<0.1		<0.1		<0.10		<0.05
Fluoride (µg/L)	<100		<100		<100		<100
Iron (µg/L)	25		34	26	<100		70
Mercury (µg/L)	<0.20	<0.20	<0.20		<0.2		<0.2
Lindane (µg/L)	<0.05		<0.05		<0.05		<0.05
Methoxychlor (µg/L)	<0.5		<0.5		<0.50		<0.05
Magnesium (mg/L)	0.533		0.580	0.548	<5.0		0.68
Manganese (µg/L)	<2		<2	<2	<15.0		<20
Sodium (mg/L)	0.929		0.962	0.977	<5.00		1.10
Lead (µg/L)	<6		<6	<6	<5.0		<100
pH (pH)	5.09		5.07		5.0		5.0
Phenols (µg/L)	<5		<5		<5		<5
Silvex (µg/L)	<0.09		<0.09		<0.50		<0.50
Sulfate (mg/L)	<5.0		<5.0		<5.0		<5.0
Tetrachloroethylene (µg/L)	3.45		3.11		2.3		4.0
Total organic carbon (mg/L)	<1.0	<1.0	<1.0		<0.50		1.78
Total organic nitrogen (mg/L)	<5		<5		<0.1		<1
Total radium (pCi/L)	<1.00		<1.00		2.2		0.88
Total organic halogens (µg/L)	14.6		25.0		63	64	<10
Total phosphates (µg/L)	<20		<20		<20		<10
Trichloroethylene (µg/L)	3.09		3.61		2.7		<2.5
Tritium (pCi/mL)	3.25		4.36		9.7		<1.10
Toxaphene (µg/L)	<1		<1		<1.0		<0.05
1,1,1-Trichloroethane (µg/L)	14.3		14.5		13		15.0
2,4-D (µg/L)	<0.3		<0.3		<1.0		<0.50
Well: LFW 20 Sample Date: 03/21/89							
Gross alpha (pCi/L)	1.49		1.34		0		1.54
Arsenic (µg/L)	<2		<2		<10		<5
Nonvolatile beta (pCi/L)	4.02		3.20		0		2.58
Calcium (mg/L)	0.607		0.251		<5.00		0.23
Carbon tetrachloride (µg/L)	<1.00		<1.00		<1		<1.0
Cadmium (µg/L)	<2		<2		<5.0		<10

SAMPLE ANALYSIS

Analyte	Primary Laboratory		Blind Replicate		Weston		Enwright
Well: LFW 20 Sample Date: 03/21/89 (cont.)							
Chloroform (µg/L)	<1.0		<1.0		<1		<1.0
Chloride (mg/L)	2.2		2.2		<5.0		2.0
Specific conductance (µmhos/cm)	24.3		15.6	13.6	9.1	8.9	11
Chromium (µg/L)	<4		<4		<10.0		<50
Cyanide (µg/L)	<5		<5		<10		<20
Endrin (µg/L)	<0.1		<0.1		<0.10		<0.05
Fluoride (µg/L)	<100		<100		<100		<100
Iron (µg/L)	29		21		<100		60
Mercury (µg/L)	<0.20		<0.20		<0.2		<0.2
Lindane (µg/L)	<0.05		<0.05		<0.05		<0.05
Methoxychlor (µg/L)	<0.5		<0.5		<0.50		<0.05
Magnesium (mg/L)	0.233		0.250		<5.0		0.28
Manganese (µg/L)	<2		<2		<15.0		<20
Sodium (mg/L)	0.899		0.881		<5.00		0.95
Lead (µg/L)	<6		<6		<5.0		<100
pH (pH)	5.36		5.06	4.87	5.0		5.0
Phenols (µg/L)	<5		<5		<5	<5	<5
Silvex (µg/L)	<0.09		<0.09		<0.50		<0.50
Sulfate (mg/L)	<5.0		<5.0		<5.0		<5
Tetrachloroethylene (µg/L)	<1.00		<1.00		<1.0		<1.0
Total organic carbon (mg/L)	<1.0		<1.0		<0.50		<1.00
Total organic nitrogen (mg/L)	<5		<5		<0.1		<1
Total radium (pCi/L)	<1.00		1.28		1.5		0.82
Total organic halogens (µg/L)	8.5		5.1		<20		<10
Total phosphates (µg/L)	<20		<20		<20		<10
Trichloroethylene (µg/L)	<1.00		<1.00		<1.0		<1.0
Tritium (pCi/mL)	3.17		4.82		7.9		2.93
Toxaphene (µg/L)	<1		<1		<1.0		<0.05
1,1,1-Trichloroethane (µg/L)	<1.0		<1.0		<1		<1.0
2,4-D (µg/L)	<0.3		<0.3		<1.0		<0.50
Well: LFW 26 Sample Date: 03/21/89							
Gross alpha (pCi/L)	1.10		1.57	1.62	0		<0.61
Arsenic (µg/L)	<2		<2		<10		<5
Nonvolatile beta (pCi/L)	2.79		2.87	1.95	4		<1.03
Calcium (mg/L)	0.439		0.235		<5.00		0.22
Carbon tetrachloride (µg/L)	<1.00		<1.00	<1.00	<1		<1.0
Cadmium (µg/L)	<2		<2		<5.0		<10
Chloroform (µg/L)	<1.0		<1.0	<1.0	<1		<1.0
Chloride (mg/L)	2.2		2.2		<5.0		2.0
Specific conductance (µmhos/cm)	24.4		15.0	15.6	8.7		12
Chromium (µg/L)	<4		<4		<10.0		<50
Cyanide (µg/L)	<5		<5		<10		<20
Endrin (µg/L)	<0.1		<0.1		<0.10		<0.05
Fluoride (µg/L)	<100	<100	<100		<100		<100
Iron (µg/L)	<20		<20		<100		<50
Mercury (µg/L)	<0.20		<0.20		<0.2		<0.2
Lindane (µg/L)	<0.05		<0.05		<0.05		<0.05
Methoxychlor (µg/L)	<0.5		<0.5		<0.50		<0.05
Magnesium (mg/L)	0.233		0.222		<5		0.27
Manganese (µg/L)	<2		<2		<15.0		<20
Sodium (mg/L)	0.968		0.933		<5.00		0.97
Lead (µg/L)	<6		<6		<5.0		<100
pH (pH)	5.50		5.00	4.85	5.2	5.3	5.0

Analyte	Primary Laboratory		Blind Replicate		Weston		Enwright
Well: LFW 26 Sample Date: 03/21/89 (cont.)							
Phenols (µg/L)	<5		<5		<5		<5
Silvex (µg/L)	<0.09		<0.09		<0.50		<0.50
Sulfate (mg/L)	<5.0		<5.0		<5.0		<5
Tetrachloroethylene (µg/L)	<1.00		<1.00	<1.00	<1.0		<1.0
Total organic carbon (mg/L)	<1.0	<1.0	<1.0		<0.50		<1.00
Total organic nitrogen (mg/L)	<5		<5		<0.1		<1
Total radium (pCi/L)	3.22		<1.00	<1.00	1.5		<1.07
Total organic halogens (µg/L)	8.1	7.6	<5.0		<20		<10
Total phosphates (µg/L)	<20	<20	<20		<20	<20	<10
Trichloroethylene (µg/L)	<1.00		<1.00	<1.00	<1.0		<1.0
Tritium (pCi/mL)	2.87		3.22	2.89	7.7		3.26
Toxaphene (µg/L)	<1		<1		<1.0		<0.05
1,1,1-Trichloroethane (µg/L)	<1.0		<1.0	<1.0	<1		<1.0
2,4-D (µg/L)	<0.3		<0.3		<1.0		<0.50
Well: MSB 8A Sample Date: 03/12/89							
Silver (µg/L)	<2		<2		<10		<10
Aluminum (µg/L)	42		40		<200		<400
Alkalinity (mg/L)	<2		<2		<0.1		<1
Gross alpha (pCi/L)	7.97		6.95		5		4.40
Arsenic (µg/L)	<2		<2		<10		<5
Barium (µg/L)	12		13		<200		<100
Nonvolatile beta (pCi/L)	27.4		26.8		33		12.8
Bromodichloromethane (µg/L)	<25		<25		<5		<1.0
Calcium (mg/L)	2.36		3.47		<5.00		2.50
Trichlorofluoromethane (µg/L)	<25		<25		<5		<1
Carbon tetrachloride (µg/L)	<25.0		<25.0		<5		<1.0
Cadmium (µg/L)	<2		<2		<5.0		<10
Bromoform (µg/L)	<50		<50		<5		<1.0
Chloroform (µg/L)	<1.00*	<25.0	<5.00*	<25.0	<5		<1.0
Methylene chloride (µg/L)	<25		<25		<5		<1.0
Bromomethane (µg/L)	<50		<50		<10		<1.0
Chloromethane (µg/L)	<50		<50		<10		<1.0
Chloride (mg/L)	3.3		3.6		5.7		4.0
Chlorobenzene (µg/L)	<25		<25		<5		<1.0
Cobalt (µg/L)	<4		<4		<50		<50
Specific conductance (µmhos/cm)	165		170		173		160
Chromium (µg/L)	<4		<4		19.5		<50
Copper (µg/L)	5		6		<25.0		<20
Cyanide (µg/L)	<5		<5		<10		<20
Chloroethene (µg/L)	<50		<50		<10		<1.0
Chloroethane (µg/L)	<50		<50		<10		<1.0
Benzene (µg/L)	<25		<25		<5		<1
Dibromochloromethane (µg/L)	<25		<25		<5		<1
Endrin (µg/L)	<0.1		<0.1		-		<0.05
Ethylbenzene (µg/L)	<25		<25		<5		<1.0
Fluoride (µg/L)	<100		<100		<100		<100
Iron (µg/L)	34		43		<100		<50
Mercury (µg/L)	<0.20	<0.20	<0.20		<0.2		<0.2
Potassium (mg/L)	0.876		0.833		<5.00		<1
Lindane (µg/L)	<0.05		<0.05		-		<0.05
Toluene (µg/L)	<25		<25		<5		<1.0
Methoxychlor (µg/L)	<0.5		<0.5		-		<0.05
Magnesium (mg/L)	0.905		0.915		<5.0		0.95

SAMPLE ANALYSIS

Analyte	Primary Laboratory		Blind Replicate		Weston		Enwright
Well: MSB 8A Sample Date: 03/12/89 (cont.)							
Manganese (µg/L)	34		35		31.6		50
Sodium (mg/L)	26.8		27.9		28.4		26.0
Nickel (µg/L)	<4		<4		<40.0		<50
Nitrate (as N) (mg/L)	18.4		18.6		19.9		20.0
Lead (µg/L)	41		10		5.3		<100
pH (pH)	4.70		4.68		4.9		4.8
Phenols (µg/L)	<5	<5	<5		<5		<5
Antimony (µg/L)	<3		<3		<60		<200
Selenium (µg/L)	<2		<2		<5		<10
Silica (mg/L)	7.16		7.15	7.13	3.26		7.40
Silvex (µg/L)	<0.09		<0.09		<0.55		<0.5
Tin (µg/L)	<120		<120		<100		<1,000
Sulfate (mg/L)	<5.0		<5.0		<5.0		8
1,1,2,2-TCE (µg/L)	50		<50		<5		<1.0
Tetrachloroethylene (µg/L)	307*	253	330*	270	270		260
Total dissolved solids (mg/L)	134		132		122		130
Total organic carbon (mg/L)	1.8		2.7		<0.50		<5.00
Total radium (pCi/L)	10.3		10.5		4.8		4.42
Total organic halogens (µg/L)	281		254		200	160	<10
Total phosphates (µg/L)	23		<20		<50		10
Trichloroethylene (µg/L)	94.7*	75.0	91.6*	80.0	81.0		91.0
Toxaphene (µg/L)	<1		<1		-		<0.05
t-1,2-Dichloroethene (µg/L)	<1*	<25	<5*	<25	<5		<1
Uranium (mg/L)	<1		<1		<1.00		<1.00
1,1-Dichloroethylene (µg/L)	<1*	<25	<5*	<25	<5		<1.0
1,1-Dichloroethane (µg/L)	<25		<25		<5		<1.0
1,1,1-Trichloroethane (µg/L)	2.45*	<25.0	<5.0*	<25.0	<5		<1
1,1,2-Trichloroethane (µg/L)	<25		<25		<5		<1.0
1,2-Dichloroethane (µg/L)	<5		<5		<5		<1.0
1,2-Dichloropropane (µg/L)	<50		<50		<5		<1.0
c-1,3-Dichloropropene (µg/L)	<25		<25		<5		<1.0
t-1,3-Dichloropropene (µg/L)	<25		<25		<5		<1.0
2-Chloroethylvinyl ether (µg/L)	<50		<50		<5		<1.0
2,4-D (µg/L)	<0.3		<0.3		<1.1		<0.50
Zinc (µg/L)	15		24		<20.0		<10
Well: MSB 18A Sample Date: 03/12/89							
Silver (µg/L)	<2		<2		<10		<10
Aluminum (µg/L)	23		25	25	<200		<400
Gross alpha (pCi/L)	<3.00		<3.00		0		<1.42
Arsenic (µg/L)	<2	<2	<2		<10		<5
Barium (µg/L)	8		9	9	<200		<100
Nonvolatile beta (pCi/L)	1.40		1.39		4		<1.96
Bromodichloromethane (µg/L)	<5		<5		<5		<1.0
Calcium (mg/L)	1.08		1.21	1.14	<5.00		1.20
Trichlorofluoromethane (µg/L)	<5		<5		<5		<1
Carbon tetrachloride (µg/L)	<5.00		<5.00		<5		<1.0
Cadmium (µg/L)	<2		<2	<2	<5.0		<10
Bromoform (µg/L)	<10		<10		<5		<1.0
Chloroform (µg/L)	<2.00*	<5.0	<1.00*	<5.0	<5		<1.0
Methylene chloride (µg/L)	<5		<5		<5		<1.0
Bromomethane (µg/L)	<10		<10		<10		<1.0
Chloromethane (µg/L)	<10		<10		<10		<1.0
Chloride (mg/L)	2.7		2.7		<5.0		2.6

Analyte	Primary Laboratory		Blind Replicate		Weston	Enwright
Well: MSB 18A Sample Date: 03/12/89 (cont.)						
Chlorobenzene (µg/L)	<5		<5		<5	<1.0
Specific conductance (µmhos/cm)	36.1		35.4		34.1	34
Chromium (µg/L)	<4		<4	<4	17.8	<50
Copper (µg/L)	<4		<4	<4	<25.0	<20
Cyanide (µg/L)	<5		<5	<5	<10	<20
Chloroethene (µg/L)	<10		<10		<10	<1.0
Chloroethane (µg/L)	<10		<10		<10	<1.0
Benzene (µg/L)	<5		<5		<5	<1
Dibromochloromethane (µg/L)	<5		<5		<5	<1.0
Ethylbenzene (µg/L)	<5		<5		<5	1.0
Iron (µg/L)	35		42	40	<100	70
Mercury (µg/L)	<0.20		<0.20		<0.2	<0.2
Toluene (µg/L)	<5		<5		<5	<1.0
Magnesium (mg/L)	0.574		0.587	0.597	<5.0	0.68
Manganese (µg/L)	9		10	10	<15.0	30
Sodium (mg/L)	2.01		2.24	2.22	<5.00	2.50
Nickel (µg/L)	<4		<4	<4	<40.0	<50
Nitrate (as N) (mg/L)	2.07		2.17		2.60	3.6
Lead (µg/L)	<6		<6	<6	6.2	<100
pH (pH)	4.69		4.81		4.8	3.5
Phenols (µg/L)	<5		<5		<5	<5
Selenium (µg/L)	<2	<2	<2		<5	<10
Sulfate (mg/L)	<5.0		<5.0		<5.0	8
1,1,2,2-TCE (µg/L)	<10		<10		<5	<1.0
Tetrachloroethylene (µg/L)	5.69*	<5.00	3.66*	8.00	7.0	8.5
Total radium (pCi/L)	<1.00		<1.00		0.0	<0.57
Total phosphates (µg/L)	31		31	32	<50	<10
Trichloroethylene (µg/L)	9.93*	15.0	5.80*	15.0	13.0	15.0
t-1,2-Dichloroethene (µg/L)	<2*	<5	<1*	<5	<5	<1
Uranium (mg/L)	<1		<1	<1	<1.00	<0.001
1,1-Dichloroethylene (µg/L)	<2*	<5	<1*	<5	<5	<1.0
1,1-Dichloroethane (µg/L)	<5		<5		<5	<1.0
1,1,1-Trichloroethane (µg/L)	<2.00*	<5.0	<1.00*	<5.0	<5	<1.0
1,1,2-Trichloroethane (µg/L)	<5		<5		<5	<1.0
1,2-Dichloroethane (µg/L)	<1		<1		<5	<1.0
1,2-Dichloropropane (µg/L)	<10		<10		<5	<1.0
c-1,3-Dichloropropene (µg/L)	<5		<5		<5	<1.0
t-1,3-Dichloropropene (µg/L)	<5		<5		<5	<1.0
2-Chloroethylvinyl ether (µg/L)	<10		<10		<5	<1.0
Zinc (µg/L)	13		11	11	<20.0	<10
Well: MSB 29D Sample Date: 03/12/89						
Silver (µg/L)	<2		<2	<2	<10	<10
Aluminum (µg/L)	47		46		<200	<400
Gross alpha (pCi/L)	22.5		29.8		17	24.6
Arsenic (µg/L)	<2		<2		<10	<5
Barium (µg/L)	9		8		<200	<100
Nonvolatile beta (pCi/L)	20.2		16.0		8	12.7
Carbon tetrachloride (µg/L)	<1.00		<1.00		<5	<1.0
Cadmium (µg/L)	<2		<2		<5.0	<10
Chloroform (µg/L)	<1.00*	<1.0	<1.00*	<1.0	<5	<1.0
Chloride (mg/L)	2.6	2.5	2.4		<5.0	2.3
Specific conductance (µmhos/cm)	39.5	33.4	30.5		31.2	31
Chromium (µg/L)	<4		<4		<10.0	<50

SAMPLE ANALYSIS

Analyte	Primary Laboratory		Blind Replicate		Weston	Enwright
Well: MSB 29D Sample Date: 03/12/89 (cont.)						
Copper (µg/L)	5		6		<25.0	<20
Cyanide (µg/L)	<5		<5		<10	<20
Mercury (µg/L)	<0.20		<0.20		<0.2	<0.2
Manganese (µg/L)	3		4		<15.0	<20
Sodium (mg/L)	2.57		2.49		<5.00	2.[illegible]
Nickel (µg/L)	<4		<4		<40.0	<50
Nitrate (as N) (mg/L)	1.96	2.02	1.99		1.80	2.0
Lead (µg/L)	<6		<6		6.9	<100
pH (pH)	4.02	3.97	3.99		4.6	4.5
Phenols (µg/L)	<5		<5		<5	<5
Selenium (µg/L)	<2		<2		<5	<10
Tin (µg/L)	<120		<120		<100	<1,000
Sulfate (mg/L)	<5.0	<5.0	<5.0		<5.0	7
Tetrachloroethylene (µg/L)	<1.00*	<1.00	<1.00*	<1.00	<5.0	<1.0
Total dissolved solids (mg/L)	24		22		24	36
Total organic carbon (mg/L)	1.0		<1.0	<1.0	1.00	<5.00
Total radium (pCi/L)	20.0		11.8		7.3	9.01
Total phosphates (µg/L)	21		<20	<20	<50	<10
Trichloroethylene (µg/L)	<1.00*	<1.00	<1.00*	<1.00	<5.0	<1.0
t-1,2-Dichloroethene (µg/L)	<1*		<1*		<5	<1
Uranium (mg/L)	<1		<1		<1.00	<0.001
1,1-Dichloroethylene (µg/L)	<1*		<1*		<5	<1.0
1,1,1-Trichloroethane (µg/L)	<1.00*	<1.0	<1.00*	<1.0	<5	<1.0
Zinc (µg/L)	8		14		<20.0	<10
Well: MSB 35A Sample Date: 03/12/89						
Chloroform (µg/L)	<1.00*		<1.00*		<1	<1.0
Tetrachloroethylene (µg/L)	<1.00*		<1.00*		<1.0	<1.0
Trichloroethylene (µg/L)	6.36*		3.51*		3.0	4.3
t-1,2-Dichloroethene (µg/L)	<1*		<1*		-	<1
1,1-Dichloroethylene (µg/L)	<1*		<1*		-	<1
1,1,1-Trichloroethane (µg/L)	<1.00*		<1.00*		<1	<1.0
Well: MSB 47B Sample Date: 03/12/89						
Chloroform (µg/L)	<25.0*		<20.0*		<1	<50.0
Tetrachloroethylene (µg/L)	<25.0*		<20.0*		5.0	<50.0
Trichloroethylene (µg/L)	2,660*		2,520*		2,400	1,900
t-1,2-Dichloroethene (µg/L)	<25*		<20*		-	<50
1,1-Dichloroethylene (µg/L)	<25*		<20		-	<50
1,1,1-Trichloroethane (µg/L)	<25.0*		<20.0		<1	<50.0
Well: MSB 50B Sample Date: 03/12/89						
Chloroform (µg/L)	<1.0*		<1.0*		<1	<1.0
Tetrachloroethylene (µg/L)	22.1*		4.60*		15.0	13.0
Trichloroethylene (µg/L)	39.0*		17.5*		50.0	26.0
t-1,2-Dichloroethene (µg/L)	<1*		<1*		-	<1
1,1-Dichloroethylene (µg/L)	<1*		<1*		-	<1.0
1,1,1-Trichloroethane (µg/L)	<1.00*		<1.00*		<1.00	<1.0

Analyte	Primary Laboratory		Blind Replicate	Weston	Enwright
Well: RWM 3 Sample Date: 03/13/89					
Chloroform (µg/L)	<500*		<200*	<1	<1,250
Tetrachloroethylene (µg/L)	7,510*		7,470*	6,500	7,400
Trichloroethylene (µg/L)	32,700*		31,900*	35,000	30,000
t-1,2-Dichloroethene (µg/L)	<500*		<200*	-	<1,250*
1,1-Dichloroethylene (µg/L)	<500*		<200*	-	<1,250
1,1,1-Trichloroethane (µg/L)	<500*		<200*	<1	<1,250
Well: SRW 12C Sample Date: 03/10/89					
Carbon tetrachloride (µg/L)	<1.00		-	<1	<1.0
Chloroform (µg/L)	2.4*	1.6	1.73*	<1	<1.0
Tetrachloroethylene (µg/L)	<1.00*	<1.00	<1.00*	<1.0	<1.00
Trichloroethylene (µg/L)	2.21*	1.29	1.34*	2.0	2.3
t-1,2-Dichloroethene (µg/L)	<1*		<1*	-	<1
1,1-Dichloroethylene (µg/L)	<1*		<1*	-	<1
1,1,1-Trichloroethane (µg/L)	1.00*	<1.0	<1.00*	<1	<1.0
Well: SRW 14A Sample Date: 03/10/89					
Carbon tetrachloride (µg/L)	<1.00		-	<1	<1.0
Chloroform (µg/L)	<1.00*	<1.0	<1.00*	<1	<1.0
Tetrachloroethylene (µg/L)	<1.00*	<1.00	<1.00*	<1.0	<1.0
Trichloroethylene (µg/L)	12.3*	8.73	8.65*	8.0	10.0
t-1,2-Dichloroethene (µg/L)	<1*		<1*	-	<1
1,1-Dichloroethylene (µg/L)	<1*		<1*	-	<1.0
1,1,1-Trichloroethane (µg/L)	<1.00*	<1.0	<1.00*	<1	<1.0
Well: SRW 16B Sample Date: 03/10/89					
Carbon tetrachloride (µg/L)	<1.00		-	<1	<1.0
Chloroform (µg/L)	1.74*	<1.0	<1.00*	<1	<1.0
Tetrachloroethylene (µg/L)	<1.00*	<1.00	<1.00*	<1.0	<1.0
Trichloroethylene (µg/L)	1.78*	<1.00	<1.00*	<1.0	<1.0
t-1,2-Dichloroethene (µg/L)	<1*		<1*	-	<1
1,1-Dichloroethylene (µg/L)	<1*		<1*	-	<1.0
1,1,1-Trichloroethane (µg/L)	<1.00*	<1.0	<1.00*	<1.00	<1.0
Well: TBG 7 Sample Date: 03/13/89					
Silver (µg/L)	<2		<2	<10	<10
Gross alpha (pCi/L)	0.58		<3.00	0	<0.76
Arsenic (µg/L)	<2		<2	<10	<5
Barium (µg/L)	12		12	<200	<100
Nonvolatile beta (pCi/L)	4.03		3.60	4	<0.98
Bromodichloromethane (µg/L)	<5	<5	<5	<5	<1.0
Calcium (mg/L)	5.45		5.45	5.55	5.80
Trichlorofluoromethane (µg/L)	<5	<5	<5	<5	<1
Carbon tetrachloride (µg/L)	<5.00	<5.00	<5.00	<5	<1.0
Cadmium (µg/L)	<2		<2	<5.0	<10
Bromoform (µg/L)	<10	<10	<10	<5	<1.0
Chloroform (µg/L)	<5.0	<5.0	<5.0	<5	<1.0
Methylene chloride (µg/L)	<5	<5	<5	<5	<1.0
Bromomethane (µg/L)	<10	<10	<10	<10	<1.0
Chloromethane (µg/L)	<10	<10	<10	<10	<1.0
Chloride (mg/L)	3.1		2.8	<5.0	3.0

SAMPLE ANALYSIS

Analyte	Primary Laboratory		Blind Replicate		Weston	Enwright
Well: TBG 7 Sample Date: 03/13/89 (cont.)						
Chlorobenzene (µg/L)	<5	<5	<5		<5	<1.0
Specific conductance (µmhos/cm)	51.6		52.4		50.2	50
Chromium (µg/L)	<4		7		<10.0	<50
Chloroethene (µg/L)	<10	<10	<10		<10	<1.0
Chloroethane (µg/L)	<10	<10	<10		<10	<1.0
Benzene (µg/L)	<5	<5	<5		<5	<1
Dibromochloromethane (µg/L)	<5	<5	<5		<5	<1.0
Ethylbenzene (µg/L)	<5	<5	<5		<5	<1.0
Fluoride (µg/L)	<100		<100		<100	<100
Iron (µg/L)	89		105		130	120
Mercury (µg/L)	<0.20	<0.20	<0.20		<0.2	<0.2
Potassium (mg/L)	1.35		1.35		<5.00	<1
Toluene (µg/L)	<5	<5	<5		<5	<1.0
Magnesium (mg/L)	0.475		0.470		<5.0	0.51
Manganese (µg/L)	11		11		<15.0	30
Sodium (mg/L)	2.72		2.66		<5.00	2.80
Nitrate (as N) (mg/L)	1.12	1.31	1.10		1.10	2.2
Lead (µg/L)	<6		<6		6.4	<100
pH (pH)	5.95		5.87		6.0	6.0
Phenols (µg/L)	<5	<5	<5		<5	<5
Selenium (µg/L)	<2		<2		<5	<10
Silica (mg/L)	8.17		8.06		3.75	7.62
Sulfate (mg/L)	<5.0		<5.0		<5.0	9
1,1,2,2-TCE (µg/L)	<10	<10	<10		<5	<1.0
Tetrachloroethylene (µg/L)	<5.00	<5.00	<5.00		<5.0	<1.0
Total dissolved solids (mg/L)	34		30		228	46
Total organic carbon (mg/L)	<1.0		<1.0		<0.50	<5.00
Total radium (pCi/L)	0.83		<1.00		0.0	<0.55
Total organic halogens (µg/L)	7.5		193		<20	<10
Total phosphates (µg/L)	26		24		<50	10
Trichloroethylene (µg/L)	<5.00	<5.00	<5.00		<5.0	<1.0
Tritium (pCi/mL)	3.23		3.57		4.3	2.74
t-1,2-Dichloroethene (µg/L)	<5	<5	<5		<5	<1
1,1-Dichloroethylene (µg/L)	<5	<5	<5		<5	<1.0
1,1-Dichloroethane (µg/L)	<5	<5	<5		<5	<1.0
1,1,1-Trichloroethane (µg/L)	<5.0	<5.0	<5.0		<5	4.1
1,1,2-Trichloroethane (µg/L)	<5	<5	<5		<5	<1.0
1,2-Dichloroethane (µg/L)	<1	<1	<1		<5	<1.0
1,2-Dichloropropane (µg/L)	<10	<10	<10		<5	<1.0
c-1,3-Dichloropropene (µg/L)	<5	<5	<5		<5	<1.0
t-1,3-Dichloropropene (µg/L)	<5	<5	<5		<5	<1.0
2-Chloroethylvinyl ether (µg/L)	<10	<10	<10		<5	<1.0
Well: XSB 4D Sample Date: 03/13/89						
Silver (µg/L)	<2		3		<10	<10
Gross alpha (pCi/L)	2.49		1.79		0	2.81
Arsenic (µg/L)	<2		<2		<10	<5
Barium (µg/L)	38	34	36		<200	<100
Nonvolatile beta (pCi/L)	3.42		5.89		5	2.85
Calcium (mg/L)	4.89	4.30	4.06		<5.00	4.20
Carbon tetrachloride (µg/L)	16.3		1.19		<1	<1.0
Cadmium (µg/L)	<2	<2	<2		<5.0	<10
Chloroform (µg/L)	<1.0		<1.0		<1	<1.0
Chloride (mg/L)	5.6		5.8	5.6	8.6	6.0

Analyte	Primary Laboratory		Blind Replicate		Weston	Enwright
Well: XSB 4D Sample Date: 03/13/89 (cont.)						
Specific conductance (µmhos/cm)	113		113		110	110
Chromium (µg/L)	<4	<4	<4		12.9	<50
Cyanide (µg/L)	<5		<5	<5	<10	<20
Fluoride (µg/L)	<100		<100		<100	<100
Iron (µg/L)	33	31	43		105	90
Mercury (µg/L)	<0.20		<0.20		<0.2	<0.2
Potassium (mg/L)	1.93	1.79	1.90		<5.00	1
Magnesium (mg/L)	1.14	1.02	1.06		<5.0	1.10
Manganese (µg/L)	111	100	104		106	120
Sodium (mg/L)	15.2	15.6	16.5		16.7	15.0
Nickel (µg/L)	8	7	10		<40.0	<50
Nitrate (as N) (mg/L)	9.64		8.80		9.30	8.7
Lead (µg/L)	<6	<6	<6		6.3	<100
pH (pH)	5.10		5.13		5.3	5.3
Phenols (µg/L)	<5		<5		<5	<5
Selenium (µg/L)	<2		<2		<5	<10
Silica (mg/L)	9.39		9.47		4.44	9.95
Sulfate (mg/L)	<5.0		<5.0	<5.0	<5.0	9
Tetrachloroethylene (µg/L)	1.07		<1.00		<1.0	<1.0
Total dissolved solids (mg/L)	78		78		92	86
Total organic carbon (mg/L)	<1.0		<1.0		<0.50	<5.00
Total radium (pCi/L)	1.50		1.16		0.3	<0.70
Total organic halogens (µg/L)	19.2	18.9	9.4		<2	<10
Total phosphates (µg/L)	22		<20		<50	10
Trichloroethylene (µg/L)	17.6		18.3		18.0	19.0
Tritium (pCi/mL)	3.40		3.37		4.4	2.91
1,1,1-Trichloroethane (µg/L)	<1.0		<1.0		<1	<1.0
Zinc (µg/L)	51	43	28		55.7	30
Well: YSB 3A Sample Date: 03/11/89						
Silver (µg/L)	<2		<2		<10	<10
Gross alpha (pCi/L)	<3.00		<3.00		0	<1.18
Arsenic (µg/L)	<2		<2		<10	<5
Barium (µg/L)	6		6		<200	<100
Nonvolatile beta (pCi/L)	2.01		3.09		7	<1.44
Carbon tetrachloride (µg/L)	<1.00		<1.00		<1	<1.0
Cadmium (µg/L)	<2		<2		<5.0	<10
Chloroform (µg/L)	<1.0		<1.0		<1	<1.0
Chloride (mg/L)	19.2		19.3		32.6	21.0
Specific conductance (µmhos/cm)	309		315		329	330
Chromium (µg/L)	<4		<4		17.1	<50
Fluoride (µg/L)	<100		<100		<100	<100
Iron (µg/L)	35		86		<100	<50
Mercury (µg/L)	<0.20	<0.20	<0.20		<0.2	<0.2
Sodium (mg/L)	60.0		85.5		71.4	69.0
Nitrate (as N) (mg/L)	9.57		9.15		10.7	9.3
Lead (µg/L)	10		7		<5.00	<100
pH (pH)	6.26		6.28		6.6	6.5
Selenium (µg/L)	<2		<2		<5	<10
Sulfate (mg/L)	12.8		12.5		14.3	12
Tetrachloroethylene (µg/L)	<1.00		<1.00		<1.0	<1.0
Total radium (pCi/L)	<1.00		<1.00		0.0	<0.50
Total organic halogens (µg/L)	12.5		11.2		<20	<10
Total phosphates (µg/L)	<20		<20		<50	50

Analyte	Primary Laboratory	Blind Replicate	Weston	Enwright
Well: YSB 3A Sample Date: 03/11/89 (cont.)				
Trichloroethylene (μg/L)	<1.00	<1.00	<1.0	<1.0
1,1,1-Trichloroethane (μg/L)	<1.0	<1.0	<1	<1.0

Note: (B) means that blank water samples generated similar results.
* Analysis performed by the M-Area Laboratory, SRS.

COMMENTS ON REPLICATE ANALYSES

The laboratories produced generally consistent results, with the following exceptions. These differences among the laboraties should be considered when evaluating the analytical data.

Weston reported lower silica concentrations than those detected by the other laboratories.

Weston reported concentrations of chromium between 12.9 and 28.6 μg/L for DCB 9, FNB 4, FSB 76B, HSB 65B, HSB 83C, KSS 3D, MSB 8A, MSB 18A, XSB 4D, and YSB 3A. The other laboratories did not detect chromium in these wells.

Enwright reported sulfate concentrations for many samples for which the other laboratories reported results below the detection limit. For BGO 8D Weston reported a high result (10.3 mg/L), and the other labs' results are below the detection limit.

Weston's chloride results are generally higher than those of the other laboratories.

Enwright's and Weston's total dissolved solids results are sometimes higher than those of the other laboratories. Weston's result for TBG 7 is 5 to 7 times as high as results from the other laboratories.

The zinc results for samples with low concentrations are somewhat variable among the laboratories.

Envirodyne reported anomalously high trichloroethylene and tetrachloroethylene results for HSB 132C.

Envirodyne reported an anomalously high carbon tetrachloride result for XSB 4D.

Enwright did not detect total organic halogens from wells DCB 9 and MSB 8A, but the other laboratories reported elevated levels. Envirodyne reported an anomalously high result for the blind replicate from TBG 7.

The nitrate results from Enwright are generally higher than those from the other laboratories.

COMMENTS ON REPLICATE ANALYSES (cont.)

Weston reported higher potassium results than those reported by the other laboratories for CMP 15A, FAC 4, HSB 83C, and KSS 3D.

Weston reported an anomalously high mercury result (2.0 μg/L) for FSB 76B. The other laboratories reported results below the detection limit.

Weston reported higher copper results than those detected by the other laboratories for HSB 83C and KSS 3D.

Weston reported a higher aluminum result (342 μg/L) than that reported by Envirodyne (36.0 μg/L) for HSB 83C. Enwright's result and the blind replicate result were below detection limits.

Enwright reported anomalously low gross alpha, nonvolatile beta, and total radium results for FAC 4.

Enwright reported an anomalously high nonvolatile beta result for BGO 8D.

BLANKS

Samples of distilled water used for rinse water in the field were sent to Envirodyne labeled as well samples to identify potential contaminants in the rinse water, sample containers, or analytical equipment. The following table lists the dates, field measurements, and analytical results for these blanks.

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/07/89 Time 1755
pH = 5.5 Alkalinity = 1 mg/L
Specific Conductance = 2 umhos/cm
Water Temperature = 22.8 degrees Celsius
No water was evacuated from the well prior to sampling.

LABORATORY ANALYSES

0	TURBIDITY		0.01	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
1	ALKALINITY		3300	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	4	ug/l	Env. Eng.
0	BERYLLIUM	LT	5	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM	LT	10	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE	LT	1000	ug/l	Env. Eng.
0	CHLORIDE	LT	1000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	LITHIUM	LT	5	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		3	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		128	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		120	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	TIN	LT	120	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		14000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC NITROGEN	LT	5000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		2	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		0.78+-0.74	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM	LT	0.70	pCi/ml	Rad. Meas.
0	TRITIUM	LT	0.70	pCi/ml	Rad. Meas.

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/29/89 Time 1420
pH = 4.9 Alkalinity = 0 mg/L
Specific Conductance = 7 umhos/cm
Water Temperature = 28.4 degrees Celsius
No water was evacuated from the well prior to sampling.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		27.10	UMHC	Env. Eng.
1	PH		7.66	pH	Env. Eng.
0	TURBIDITY		0.19	NTU	Env. Eng.
0	TURBIDITY		0.23	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
1	ALKALINITY		2000	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	4	ug/l	Env. Eng.
0	BERYLLIUM	LT	5	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		565	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE	LT	1000	ug/l	Env. Eng.
0	CHLORIDE	LT	1000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	LITHIUM	LT	5	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		12	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		112	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRITE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	NITRITE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		210	ug/l	Env. Eng.
1	SILICA		190	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	TIN	LT	120	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		52000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC NITROGEN	LT	5000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.

CONTINUED

WELL BLANK COLLECTED ON 01/29/89 LABORATORY ANALYSES CONTINUED

0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		10	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM	LT	1	pCi/ml	Rad. Meas.

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/14/89 Time 950
pH = 5.7 Alkalinity = 1 mg/L
Specific Conductance = 4 umhos/cm
Water Temperature = 25.0 degrees Celsius
No water was evacuated from the well prior to sampling.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	LT	10.00	UMHC	Env. Eng.
1	PH		7.50	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	4	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10	ug/l	Env. Eng.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10	ug/l	Env. Eng.
0	CALCIUM		179	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
1	ACETONITRILE (METHYL CYANIDE)		594	ug/l	Env. Eng.
0	CHLORIDE	LT	1000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CARBON DISULFIDE	LT	5	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		100	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		107	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		100	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFIDE	LT	1000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		32000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		2000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		7	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM	LT	1	pCi/ml	Rad. Meas.

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/22/89 Time 1725
pH = 5.3 Alkalinity = 1 mg/L
Specific Conductance = 3 umhos/cm
Water Temperature = 25.6 degrees Celsius
No water was evacuated from the well prior to sampling.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		23.80	UMHC	Env. Eng.
0	PH		4.98	pH	Env. Eng.
0	TURBIDITY		0.11	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ALKALINITY	LT	2000	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	4	ug/l	Env. Eng.
0	BERYLLIUM	LT	5	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		1180	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE	LT	1000	ug/l	Env. Eng.
0	CHLORIDE	LT	1000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		7	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		24	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	LITHIUM	LT	5	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		24	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		104	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRITE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SILICA	LT	100	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	TIN	LT	120	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS	LT	5000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1600	ug/l	Env. Eng.
0	TOTAL ORGANIC NITROGEN	LT	5000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		7	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		6	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.

CONTINUED

WELL BLANK COLLECTED ON 02/22/89 LABORATORY ANALYSES CONTINUED

0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		15	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM	LT	1	pCi/ml	Rad. Meas.

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/26/89 Time 1115
pH = 5.1 Alkalinity = 1 mg/L
Specific Conductance = 5 umhos/cm
Water Temperature = 21.7 degrees Celsius
No water was evacuated from the well prior to sampling.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	LT	10.00	UMHC	Env. Eng.
0	PH		5.32	pH	Env. Eng.
0	ACRYLONITRILE	LT	8	ug/l	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	4	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	BIS(2-ETHYLHEXYL) PHTHALATE		12	ug/l	Env. Eng.
0	CALCIUM		444	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE	LT	1000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CARBON DISULFIDE	LT	5	ug/l	Env. Eng.
0	COPPER		14	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	DIMETHYL PHTHALATE	LT	10	ug/l	Env. Eng.
0	DI-N-BUTYL PHTHALATE	LT	10	ug/l	Env. Eng.
0	DI-N-OCTYL PHTHALATE	LT	10	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHYLETHYL KETONE	LT	100	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		25	ug/l	Env. Eng.
0	MAGNESIUM		24	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		130	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SILICA	LT	100	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFIDE	LT	1000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		6000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1400	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	VINYL ACETATE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.

CONTINUED

WELL BLANK COLLECTED ON 02/26/89 LABORATORY ANALYSES CONTINUED

0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		3	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM	LT	1	pCi/ml	Rad. Meas.

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/07/89 Time 1550
pH = 5.2 Alkalinity = 1 mg/L
Specific Conductance = 1 umhos/cm
Water Temperature = 16.7 degrees Celsius
No water was evacuated from the well prior to sampling.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	LT	10.00	UMHC	Env. Eng.
1	PH		7.64	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	4	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10	ug/l	Env. Eng.
0	CALCIUM		243	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
1	ACETONITRILE (METHYL CYANIDE)		22	ug/l	Env. Eng.
1	ACETONITRILE (METHYL CYANIDE)		24	ug/l	Env. Eng.
0	CHLORIDE	LT	1000	ug/l	Env. Eng.
0	CHLORIDE	LT	1000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		6	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		112	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		1280	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFIDE	LT	1000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		12000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		2	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM	LT	0.70	pCi/ml	Rad. Meas.

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/11/89 Time 840
pH = 6.0 Alkalinity = 1 mg/L
Specific Conductance = 3 umhos/cm
Water Temperature = 15.3 degrees Celsius
No water was evacuated from the well prior to sampling.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		23.30	UMHC	Env. Eng.
1	PH		7.16	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	4	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10	ug/l	Env. Eng.
0	CALCIUM		1350	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE	LT	1000	ug/l	Env. Eng.
0	CHLORIDE	LT	1000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CARBON DISULFIDE	LT	5	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	DIMETHYL PHTHALATE	LT	10	ug/l	Env. Eng.
0	DI-N-BUTYL PHTHALATE	LT	10	ug/l	Env. Eng.
0	DI-N-OCTYL PHTHALATE	LT	10	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHYLETHYL KETONE	LT	100	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		25	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		164	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		976	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFIDE	LT	1000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS	LT	5000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	VINYL ACETATE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		27	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM	LT	1	pCi/ml	Rad. Meas.

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/12/89 Time 830
pH = 5.4 Alkalinity = 1 mg/L
Specific Conductance = 2 umhos/cm
Water Temperature = 17.5 degrees Celsius
No water was evacuated from the well prior to sampling.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	LT	0.01	UMHC	Env. Lab
0	SPECIFIC CONDUCTANCE	LT	1.00	UMHC	W. A.
0	SPECIFIC CONDUCTANCE		18.40	UMHC	Env. Eng
0	SPECIFIC CONDUCTANCE		16.00	UMHC	Env. Eng.
0	PH		5.70	pH	Env. Lab
0	PH		5.50	pH	W. A.
0	PH		5.87	pH	Env. Eng.
0	PH		6.23	pH	Env. Eng.
0	TURBIDITY	LT	1	NTU	Env. Lab.
0	TURBIDITY	LT	0.05	NTU	W. A.
0	TURBIDITY	LT	0.00	NTU	Env. Eng.
0	TURBIDITY	LT	0.00	NTU	Env. Eng.
0	SILVER	LT	10	ug/l	Env. Lab.
0	SILVER	LT	10	ug/l	W. A.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	400	ug/l	Env. Lab.
0	ALUMINUM	LT	200	ug/l	W. A.
0	ALUMINUM	LT	20	ug/l	Env. Eng
1	ALKALINITY		1100	ug/l	Env. Lab
0	ALKALINITY	LT	2000	ug/l	Env. Eng
0	ALKALINITY	LT	2000	ug/l	Env. Eng
0	ARSENIC	LT	5	ug/l	Env. Lab.
0	ARSENIC	LT	10	ug/l	W. A.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	100	ug/l	Env. Lab.
0	BARIUM	LT	200	ug/l	W. A.
0	BARIUM	LT	4	ug/l	Env. Eng.
0	BERYLLIUM	LT	5	ug/l	W. A.
0	BERYLLIUM	LT	5	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	BROMODICHLOROMETHANE	LT	5	ug/l	W. A.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM	LT	50	ug/l	Env. Lab.
0	CALCIUM	LT	5000	ug/l	W. A.
0	CALCIUM		111	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	1	ug/l	Env. Lab.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	W. A.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Lab.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	W. A.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	10	ug/l	Env. Lab.
0	CADMIUM	LT	5	ug/l	W. A.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	1	ug/l	Env. Lab
0	BROMOFORM	LT	5	ug/l	W. A.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Lab.
0	CHLOROFORM	LT	5	ug/l	W. A.
0	CHLOROFORM	LT	5	ug/l	Env. Eng
0	METHYLENE CHLORIDE	LT	1	ug/l	Env. Lab.
0	METHYLENE CHLORIDE	LT	5	ug/l	W. A.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	1	ug/l	Env. Lab.
0	BROMOMETHANE	LT	10	ug/l	W. A.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	1	ug/l	Env. Lab
0	CHLOROMETHANE	LT	10	ug/l	W. A.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE	LT	1000	ug/l	Env. Lab
0	CHLORIDE	LT	5000	ug/l	W. A.
0	CHLORIDE	LT	1000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	1	ug/l	Env. Lab
0	CHLOROBENZENE	LT	5	ug/l	W. A.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng
0	COBALT	LT	50	ug/l	Env. Lab
0	COBALT	LT	50	ug/l	W. A
0	COBALT	LT	4	ug/l	Env. Eng
0	CHROMIUM	LT	50	ug/l	Env. Lab
0	CHROMIUM	LT	10	ug/l	W. A.
0	CHROMIUM	LT	4	ug/l	Env. Eng
0	COPPER	LT	20	ug/l	Env. Lab
0	COPPER	LT	25	ug/l	W. A.
0	COPPER	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng
0	CHLOROETHENE	LT	1	ug/l	Env. Lab
0	CHLOROETHENE	LT	10	ug/l	W. A.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng
0	CHLOROETHANE	LT	1	ug/l	Env. Lab.
0	CHLOROETHANE	LT	10	ug/l	W. A.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	1	ug/l	Env. Lab.
0	BENZENE	LT	5	ug/l	W. A.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	1	ug/l	Env. Lab
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	W. A.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng
0	ENDRIN	LT	0.05	ug/l	Env. Lab
0	ENDRIN	LT	0.11	ug/l	W. A.
0	ENDRIN	LT	0.10	ug/l	Env. Eng
0	ETHYLBENZENE	LT	1	ug/l	Env. Lab
0	ETHYLBENZENE	LT	5	ug/l	W. A.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng
0	FLUORIDE	LT	100	ug/l	Env. Lab
0	FLUORIDE	LT	100	ug/l	W. A.
0	FLUORIDE	LT	100	ug/l	Env. Eng
0	FLUORIDE	LT	100	ug/l	Env. Eng
0	IRON	LT	50	ug/l	Env. Lab

CONTINUED

WELL BLANK COLLECTED ON 03/12/89 LABORATORY ANALYSES CONTINUED

0	IRON	LT	100	ug/l	W. A.
0	IRON		62	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Lab.
0	MERCURY	LT	0.20	ug/l	W. A.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	1000	ug/l	Env. Lab.
0	POTASSIUM	LT	5000	ug/l	W. A.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	LITHIUM	LT	20	ug/l	Env. Lab.
0	LITHIUM	LT	50	ug/l	W. A.
0	LITHIUM	LT	5	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Lab.
0	LINDANE	LT	0.05	ug/l	W. A.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	1	ug/l	Env. Lab.
0	TOLUENE	LT	5	ug/l	W. A.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.05	ug/l	Env. Lab.
0	METHOXYCHLOR	LT	0.53	ug/l	W. A.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		10	ug/l	Env. Lab.
0	MAGNESIUM	LT	5000	ug/l	W. A.
0	MAGNESIUM		68	ug/l	Env. Eng.
0	MANGANESE	LT	20	ug/l	Env. Lab.
0	MANGANESE	LT	15	ug/l	W. A.
0	MANGANESE		10	ug/l	Env. Eng.
0	SODIUM	LT	100	ug/l	Env. Lab.
0	SODIUM	LT	5000	ug/l	W. A.
0	SODIUM		211	ug/l	Env. Eng.
0	NICKEL	LT	50	ug/l	Env. Lab.
0	NICKEL	LT	40	ug/l	W. A.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRITE AS NITROGEN		300	ug/l	Env. Lab.
0	NITRITE AS NITROGEN	LT	100	ug/l	W. A.
0	NITRITE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		600	ug/l	Env. Lab.
0	NITRATE AS NITROGEN	LT	100	ug/l	W. A.
0	NITRATE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	LEAD	LT	100	ug/l	Env. Lab.
0	LEAD	LT	5	ug/l	W. A.
2	LEAD		38	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Lab.
0	PHENOLS	LT	5	ug/l	W. A.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	200	ug/l	Env. Lab.
0	ANTIMONY	LT	60	ug/l	W. A.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	10	ug/l	Env. Lab.
0	SELENIUM	LT	5	ug/l	W. A.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		716	ug/l	Env. Lab.
1	SILICA		521	ug/l	W. A.
1	SILICA		879	ug/l	Env. Eng.
0	SILVEX	LT	0.50	ug/l	Env. Lab.
0	SILVEX	LT	0.54	ug/l	W. A.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	TIN	LT	1000	ug/l	Env. Lab.
0	TIN	LT	100	ug/l	W. A.
0	TIN	LT	120	ug/l	Env. Eng.
0	SULFATE		7000	ug/l	Env. Lab.
0	SULFATE	LT	5000	ug/l	W. A.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,2,2-TETRACHLOROETHANE	LT	5	ug/l	W. A.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Lab.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	W. A.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		480000	ug/l	Env. Lab.
0	TOTAL DISSOLVED SOLIDS	LT	1000	ug/l	W. A.
0	TOTAL DISSOLVED SOLIDS		6000	ug/l	Env. Eng.
0	THALLIUM	LT	10	ug/l	W. A.
0	TOTAL ORGANIC CARBON	LT	5000	ug/l	Env. Lab.
0	TOTAL ORGANIC CARBON	LT	500	ug/l	W. A.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC NITROGEN	LT	1000	ug/l	Env. Lab.
0	TOTAL ORGANIC NITROGEN	LT	100	ug/l	W. A.
0	TOTAL ORGANIC NITROGEN	LT	5000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	10	ug/l	Env. Lab.
0	TOTAL ORGANIC HALOGENS	LT	20	ug/l	W. A.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	10	ug/l	Env. Lab.
0	TOTAL PHOSPHATES	LT	50	ug/l	W. A.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Lab.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	W. A.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	0.05	ug/l	Env. Lab.
0	TOXAPHENE	LT	1	ug/l	W. A.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	Env. Lab.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	W. A.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	URANIUM	LT	1.00	ug/l	Env. Lab.
0	URANIUM	LT	1000	ug/l	W. A.
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	VANADIUM	LT	50	ug/l	W. A.
0	XYLENES	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	W. A.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHANE	LT	5	ug/l	W. A.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	W. A.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	1	ug/l	Env. Lab.

CONTINUED

WELL BLANK COLLECTED ON 03/12/89 LABORATORY ANALYSES CONTINUED

0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	W. A.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROETHANE	LT	5	ug/l	W. A.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROPROPANE	LT	5	ug/l	W. A.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	1,3-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	CIS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	W. A.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	W. A.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	1,4-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	2-CHLOROETHYLVINYL ETHER	LT	1	ug/l	Env. Lab.
0	2-CHLOROETHYLVINYL ETHER	LT	5	ug/l	W. A.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.50	ug/l	Env. Lab.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	1	ug/l	W. A.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	2,4,5-TRICHLOROPHENOXYACETIC ACID	LT	0.54	ug/l	W. A.
0	ZINC	LT	10	ug/l	Env. Lab.
0	ZINC	LT	20	ug/l	W. A.
0	ZINC		14	ug/l	Env. Eng.
0	GROSS ALPHA	LT	0.60	pCi/l	Env. Lab.
0	GROSS ALPHA		0.00+-5.00	pCi/l	W. A.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	0.94	pCi/l	Env. Lab.
0	NONVOLATILE BETA		5.00+-2.00	pCi/l	W. A.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	0.42	pCi/l	Env. Lab.
0	TOTAL RADIUM		0.00+-0.20	pCi/l	W. A.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM	LT	1	pCi/ml	Env. Lab.
0	TRITIUM		0.00+-0.60	pCi/ml	W. A.
0	TRITIUM	LT	1	pCi/ml	Rad. Meas.

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/22/89 Time 920
pH = 5.0 Alkalinity = 1 mg/L
Specific Conductance = 1 umhos/cm
Water Temperature = 15.7 degrees Celsius
No water was evacuated from the well prior to sampling.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		2.00	UMHO	Env. Lab.
0	SPECIFIC CONDUCTANCE	LT	1.00	UMHO	W. A.
0	SPECIFIC CONDUCTANCE	LT	10.00	UMHO	Env. Eng.
0	PH		5.30	pH	Env. Lab.
0	PH		5.70	pH	W. A.
1	PH		6.72	pH	Env. Eng.
0	TURBIDITY	LT	1	NTU	Env. Lab.
0	TURBIDITY	LT	0.05	NTU	W. A.
0	TURBIDITY	LT	0.05	NTU	W. A.
0	TURBIDITY		0.09	NTU	Env. Eng.
0	TURBIDITY		0.09	NTU	Env. Eng
0	SILVER	LT	10	ug/l	Env. Lab.
0	SILVER	LT	10	ug/l	W. A.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	400	ug/l	Env. Lab.
0	ALUMINUM	LT	200	ug/l	W. A.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
1	ALKALINITY		1100	ug/l	Env. Lab.
0	ALKALINITY	LT	2000	ug/l	Env. Eng.
0	ARSENIC	LT	5	ug/l	Env. Lab
0	ARSENIC	LT	10	ug/l	W. A
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	100	ug/l	Env. Lab.
0	BARIUM	LT	200	ug/l	W. A
0	BARIUM	LT	4	ug/l	Env. Eng
0	BERYLLIUM	LT	5	ug/l	Env. Eng
0	BROMODICHLOROMETHANE	LT	1	ug/l	Env. Lab
0	BROMODICHLOROMETHANE	LT	5	ug/l	W. A
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng
0	CALCIUM	LT	50	ug/l	Env. Lab.
0	CALCIUM	LT	5000	ug/l	W. A.
0	CALCIUM		189	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	1	ug/l	Env. Lab.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	W. A.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Lab.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	W. A.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	10	ug/l	Env. Lab.
0	CADMIUM	LT	5	ug/l	W. A.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	1	ug/l	Env. Lab
0	BROMOFORM	LT	5	ug/l	W. A.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Lab
0	CHLOROFORM	LT	5	ug/l	W. A
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	1	ug/l	Env. Lab
0	METHYLENE CHLORIDE	LT	5	ug/l	W. A
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	1	ug/l	Env. Lab
0	BROMOMETHANE	LT	10	ug/l	W. A
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	1	ug/l	Env. Lab.

CONTINUED

WELL BLANK COLLECTED ON 03/22/89 LABORATORY ANALYSES CONTINUED

0	CHLOROMETHANE	LT	10	ug/l	W. A.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		1000	ug/l	Env. Lab.
0	CHLORIDE	LT	5000	ug/l	W. A.
0	CHLORIDE	LT	1000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	CHLOROBENZENE	LT	5	ug/l	W. A.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	50	ug/l	Env. Lab.
0	COBALT	LT	50	ug/l	W. A.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	50	ug/l	Env. Lab.
0	CHROMIUM	LT	10	ug/l	W. A.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	20	ug/l	Env. Lab.
0	COPPER	LT	25	ug/l	W. A.
0	COPPER	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	1	ug/l	Env. Lab.
0	CHLOROETHENE	LT	10	ug/l	W. A.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	1	ug/l	Env. Lab.
0	CHLOROETHANE	LT	10	ug/l	W. A.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	1	ug/l	Env. Lab.
0	BENZENE	LT	5	ug/l	W. A.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	W. A.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.05	ug/l	Env. Lab.
0	ENDRIN	LT	0.11	ug/l	W. A.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	1	ug/l	Env. Lab.
0	ETHYLBENZENE	LT	5	ug/l	W. A.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Lab.
0	FLUORIDE	LT	100	ug/l	W. A.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		60	ug/l	Env. Lab.
0	IRON	LT	100	ug/l	W. A.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Lab.
0	MERCURY	LT	0.20	ug/l	W. A.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	50	ug/l	Env. Lab.
0	POTASSIUM	LT	5000	ug/l	W. A.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	LITHIUM	LT	20	ug/l	Env. Lab.
0	LITHIUM	LT	100	ug/l	W. A.
0	LITHIUM	LT	5	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Lab.
0	LINDANE	LT	0.06	ug/l	W. A.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	1	ug/l	Env. Lab.
0	TOLUENE	LT	5	ug/l	W. A.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.05	ug/l	Env. Lab.
0	METHOXYCHLOR	LT	0.57	ug/l	W. A.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM	LT	5	ug/l	Env. Lab.
0	MAGNESIUM	LT	5000	ug/l	W. A.
0	MAGNESIUM		18	ug/l	Env. Eng.
0	MANGANESE	LT	20	ug/l	Env. Lab.
0	MANGANESE	LT	15	ug/l	W. A.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM	LT	100	ug/l	Env. Lab.
0	SODIUM	LT	5000	ug/l	W. A.
0	SODIUM		114	ug/l	Env. Eng.
0	AMMONIA NITROGEN	LT	100	ug/l	Env. Lab.
0	NICKEL	LT	50	ug/l	Env. Lab.
0	NICKEL	LT	40	ug/l	W. A.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRITE AS NITROGEN		60	ug/l	Env. Lab.
0	NITRITE AS NITROGEN	LT	100	ug/l	W. A.
0	NITRITE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	LT	100	ug/l	Env. Lab.
0	NITRATE AS NITROGEN	LT	50	ug/l	W. A.
0	NITRATE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	NITROGEN BY KJELDAHL METHOD	LT	1000	ug/l	Env. Lab.
0	LEAD	LT	100	ug/l	Env. Lab.
0	LEAD	LT	5	ug/l	W. A.
2	LEAD		38	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Lab.
0	PHENOLS	LT	5	ug/l	W. A.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	200	ug/l	Env. Lab.
0	ANTIMONY	LT	60	ug/l	W. A.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	10	ug/l	Env. Lab.
0	SELENIUM	LT	5	ug/l	W. A.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		235	ug/l	Env. Lab.
0	SILICA	LT	100	ug/l	W. A.
1	SILICA		383	ug/l	Env. Eng.
0	SILVEX	LT	0.50	ug/l	Env. Lab.
0	SILVEX	LT	0.50	ug/l	W. A.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	TIN	LT	1000	ug/l	Env. Lab.
0	TIN	LT	100	ug/l	W. A.
0	TIN	LT	120	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Lab.
0	SULFATE	LT	5000	ug/l	W. A.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,2,2-TETRACHLOROETHANE	LT	5	ug/l	W. A.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Lab.

CONTINUED

WELL BLANK COLLECTED ON 03/22/89 LABORATORY ANALYSES CONTINUED

0	TETRACHLOROETHYLENE	LT	5.00	ug/l	W. A.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		450000	ug/l	Env. Lab.
0	TOTAL DISSOLVED SOLIDS		2000	ug/l	W. A.
0	TOTAL DISSOLVED SOLIDS	LT	5000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Lab.
0	TOTAL ORGANIC CARBON	LT	500	ug/l	W. A.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC NITROGEN	LT	1000	ug/l	Env. Lab.
0	TOTAL ORGANIC NITROGEN	LT	100	ug/l	W. A.
0	TOTAL ORGANIC NITROGEN	LT	5000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	10	ug/l	Env. Lab.
0	TOTAL ORGANIC HALOGENS	LT	20	ug/l	W. A.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	10	ug/l	Env. Lab.
0	TOTAL PHOSPHATES	LT	20	ug/l	W. A.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Lab.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	W. A.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	0.05	ug/l	Env. Lab.
0	TOXAPHENE	LT	1	ug/l	W. A.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	Env. Lab.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	W. A.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	URANIUM	LT	1000	ug/l	Env. Lab.
1	URANIUM		1370	ug/l	W. A.
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	XYLENES	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	W. A.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHANE	LT	5	ug/l	W. A.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	W. A.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	W. A.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROETHANE	LT	5	ug/l	W. A.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROPROPANE	LT	5	ug/l	W. A.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	1,3-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	CIS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	W. A.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	W. A.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	1,4-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	2-CHLOROETHYLVINYL ETHER	LT	1	ug/l	Env. Lab.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	W. A.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.50	ug/l	Env. Lab.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	1	ug/l	W. A.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	2,4,5-TRICHLOROPHENOXYACETIC ACID	LT	0.50	ug/l	W. A.
0	ZINC	LT	10	ug/l	Env. Lab.
0	ZINC	LT	20	ug/l	W. A.
0	ZINC		13	ug/l	Env. Eng.
0	GROSS ALPHA	LT	0.63	pCi/l	Env. Lab.
0	GROSS ALPHA		0.00+-5.00	pCi/l	W. A.
0	GROSS ALPHA		1.54+-0.67	pCi/l	Rad. Meas.
0	GROSS ALPHA		0.59+-0.38	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	1	pCi/l	Env. Lab.
0	NONVOLATILE BETA		0.00+-2.00	pCi/l	W. A.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	0.36	pCi/l	Env. Lab.
0	TOTAL RADIUM		0.00+-0.20	pCi/l	W. A.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM	LT	1	pCi/ml	Env. Lab.
0	TRITIUM		1.20+-0.80	pCi/ml	W. A.
0	TRITIUM	LT	1	pCi/ml	Rad. Meas.
0	TRITIUM	LT	1	pCi/ml	Rad. Meas.

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/26/89 Time 905
pH = 5.8 Alkalinity = 1 mg/L
Specific Conductance = 6 umhos/cm
Water Temperature = 21.4 degrees Celsius
No water was evacuated from the well prior to sampling.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		17.30	umhos	Env. Eng.
1	PH		7.88	pH	Env. Eng.
0	TURBIDITY		0.09	NTU	Env. Eng.
0	SILVER		2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ALKALINITY	LT	2000	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	4	ug/l	Env. Eng.
0	BERYLLIUM	LT	5	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.

CONTINUED

WELL BLANK COLLECTED ON 03/28/89 LABORATORY ANALYSES CONTINUED

0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		47	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE	LT	1000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	LITHIUM	LT	3	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		7	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		173	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRITE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	NITRITE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		202	ug/l	Env. Eng.
0	SILVER	LT	0.09	ug/l	Env. Eng.
0	TIN	LT	120	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS	LT	5000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC NITROGEN	LT	5000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		7	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		8.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		8	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	AMERICIUM 241	LT	0.40	pCi/l	Tel. Iso.
0	BARIUM 140	LT	6	pCi/l	Tel. Iso.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	BERYLLIUM 7	LT	30	pCi/l	Tel. Iso.
0	CERIUM 141	LT	8	pCi/l	Tel. Iso.
0	CERIUM 144	LT	30	pCi/l	Tel. Iso.
0	CURIUM 242	LT	0.40	pCi/l	Tel. Iso.
0	CURIUM 243/244	LT	0.40	pCi/l	Tel. Iso.
0	COBALT 58	LT	3	pCi/l	Tel. Iso.

CONTINUED

WELL BLANK COLLECTED ON 03/28/89 LABORATORY ANALYSES CONTINUED

0	COBALT 60	LT	4	pCi/l	Tel. Iso.
0	CESIUM 134	LT	4	pCi/l	Tel. Iso.
0	CESIUM 137	LT	4	pCi/l	Tel. Iso.
0	IRON 59	LT	9	pCi/l	Tel. Iso.
0	IODINE 131	LT	8	pCi/l	Tel. Iso.
0	POTASSIUM 40	LT	00	pCi/l	Tel. Iso.
0	MANGANESE 54	LT	3	pCi/l	Tel. Iso.
0	PLUTONIUM 238	LT	0.60	pCi/l	Tel. Iso.
0	PLUTONIUM 239/240	LT	0.40	pCi/l	Tel. Iso.
0	RADIUM 226	LT	90	pCi/l	Tel. Iso.
0	RADIUM 226	LT	1	pCi/l	Tel. Iso.
0	RADIUM 228	LT	1	pCi/l	Tel. Iso.
0	RUTHENIUM 103	LT	4	pCi/l	Tel. Iso.
0	RUTHENIUM 106	LT	30	pCi/l	Tel. Iso.
0	STRONTIUM 89	LT	4	pCi/l	Tel. Iso.
0	STRONTIUM 90	LT	1	pCi/l	Tel. Iso.
0	TECHNETIUM 99	LT	6	pCi/l	Tel. Iso.
0	THORIUM 228	LT	7	pCi/l	Tel. Iso.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM	LT	1	pCi/ml	Rad. Meas.
1	URANIUM 234		3.60+-0.50	pCi/l	Tel. Iso.
1	URANIUM 235		0.41+-0.17	pCi/l	Tel. Iso.
0	ZINC 65	LT	6	pCi/l	Tel. Iso.
0	ZIRCONIUM 95	LT	4	pCi/l	Tel. Iso.

QUALITY CONTROL STANDARDS

During first quarter 1989, the Environmental and Health Protection Department (EHP) conducted quality assessments of the three laboratories used for sample analysis--Envirodyne Engineers, Enwright Laboratories, and Weston Analytics. EHP purchased PotableWatR™ Quality Control concentrates (Batch no. 2519) from Environmental Resource Associates (ERA) of Arvada, Colorado. Each laboratory was required to prepare a standard from each concentrate and analyze for each parameter requested on the chain of custody.

The ERA certified values and advisory ranges were included with the concentrates. ERA states that the advisory range is the range of values that an experienced laboratory can expect to attain using the most precise methods and equipment. In determining its advisory ranges, ERA considers both the parameter and the most commonly used method of analysis for each parameter. The laboratories did not receive the certified values and advisory ranges.

Potassium results are not reported because all laboratories ran the potassium analysis from the metals vial, while it should have been run from the inorganics vial. Sodium results are not reported because they were not requested on the chain of custody. Enwright inadvertantly omitted the toxaphene and 2,4-D analyses from their batch. Envirodyne does not normally determine halomethanes by the recommended procedure given with the standards (Federal Register, Vol. 44, No. 231, Appendix, Part I); therefore, they did not run the halomethane analyses. Enwright and Weston used the normal EPA 601 and 602 methods to determine the halomethanes.

Parameter	Certified Value	Advisory Range	Envirodyne Engineers	Enwright Laboratories	Weston Analytics
Turbidity (NTU)	1.2	1.0-1.4	1.2	1.1	1.1
			1.12		1.1
Inorganics					
Fluoride (mg/L)	3.7	3.1-4.3	3.4	3.63	3.6
			3.5		3.5
Nitrate (as N) (mg/L)	5.7	5.0-6.4	5.38	5.54	5.9
Sulfate (mg/L)	78	70-86	75.3	74.8	68.8*
			76.1		68.8*
pH (pH)	9.0	8.8-9.2	8.88	8.88	9.1
			8.86		9.1
Metals					
Arsenic (µg/L)	121	91-152	85*	112	118
Barium (µg/L)	262	196-328	262	284	254
			285		
Cadmium (µg/L)	266	199-332	260	305	282
			262		
Calcium (mg/L)	22.9	17-29	25.0	26.5	23.4
			24.8		
Chromium (µg/L)	267	200-334	230	308	280
			249		

* Results out of range.

QUALITY CONTROL STANDARDS (cont.)

Parameter	Certified Value	Advisory Range	Envirodyne Engineers	Enwright Laboratories	Weston Analytics
Metals (cont.)					
Iron (µg/L)	264	198-330	233 258	297	251
Lead (µg/L)	309	232-387	262 287	371	330
Manganese (µg/L)	371	278-464	315 339	434	379
Mercury (µg/L)	6.3	4.7-7.8	6.34 6.61	6.3	5.9
Selenium (µg/L)	124	93-156	105 109	86.8*	123
Silver (µg/L)	127	95-159	45* 43*	152	117
Pesticides/Herbicides					
Endrin (µg/L)	0.249	0.12-0.37	0.31 <0.1*	<0.05*	0.22 <0.1*
Lindane (µg/L)	0.495	0.14-0.69	0.45 <0.05*	<0.05*	0.53 <0.5
Methoxychlor (µg/L)	0.257	0.11-0.39	<0.5 <0.5	<0.05*	<0.5 <0.5
Toxaphene (µg/L)	0.492	0.17-0.62	<1.0 <1.0	NA	<1.0 <1.0
Silvex (µg/L)	0.247	0.092-0.35	<0.09*	<0.5	<0.5
2,4-D (µg/L)	0.139	0.038-0.17	<0.3	NA	<1.0
Halomethanes					
Chloroform (µg/L)	56.7	39-69	NA	76*	<5*
Bromodichloromethane (µg/L)	47.1	23-66	NA	51	<5*
Dibromochloromethane (µg/L)	11.4	7-15	NA	13	<5*
Bromoform (µg/L)	15.2	4.5-24	NA	15	<5
Volatiles					
Trichloroethylene (µg/L)	10.5	7.1-15	14.4 12.0	12	8
1,2-Dichloroethane (µg/L)	4.24	2.1-5.8	5.05 4.95	5.5	<5
Benzene (µg/L)	19.8	7.3-26	19.8 19.4	21	17

Note: NA = Not analyzed.

* Results out of range.

QUALITY CONTROL STANDARDS (cont.)

The standards analyses were reviewed by comparing the laboratory results with the ERA certified values and advisory ranges. If a laboratory reported multiple results for a constituent, only the first result was considered. The review demonstrates that each laboratory performed as follows:

Laboratory	No. of Analyses	No. Within Limits	No. Outside Limits	Percentage Rating
Envirodyne	25	22	3	88%
Enwright	27	22	5	81%
Weston	29	25	4	86%

REVIEW OF THE ANALYTICAL DATA FOR ERRORS

Several well names and sample dates were corrected in the analytical and field data.

Review of the Envirodyne Analytical Data

Envirodyne incorrectly site coded several laboratory identification numbers for various samples. The well names assigned by the laboratory were reviewed and corrected in the database.

Results from duplicate zinc analyses for HSB 110C were not comparable. The following wells were associated with that zinc run: HSB 103C, HSB 106C, HSB 106D, HSB 107C, HSB 108C, HSB 109C, HSB 109D, HSB 124A, and HSB 134C.

Several lead results have higher detection limits because of dilutions made to eliminate interferences from aluminum. The samples involved are from FSB 78, FSB 91D, FSB 98C, FSB 104D, and FSB 110D.

Because an instrument malfunctioned in the Envirodyne laboratory, it was necessary to analyze some GC VOA analyses by GC/MS method to avoid missing holding times. However, samples from CMP 10B, CMP 15C, and LFW 7 still missed the holding times. DBP 1, DBP 2, DBP 3, DBP 4, and DOB 4 samples were analyzed by GC/MS rather than GC.

The total organic halogens samples from CMP 13, DCB 14, DCB 15, KAC 1, LFW 7, and LFW 22 had an appreciable amount of particulates, which affect the elution rate. Therefore, the results may vary significantly from previous results generated by Envirodyne for these wells.

Samples from DCB 6, DCB 10, DCB 11, DCB 14, KRP 1, MSB 13A, and PCB 3A exhibited interference when analyzed for chloride by ion chromatograph (IC). Therefore, Envirodyne analyzed these samples by Technicon (EPA method 325.2).

The total organic carbon analysis for LFW 31 was run on the cold preserved sample instead of the regular preserved sample, which was exhausted before the analysis could be performed.

REVIEW OF THE ANALYTICAL DATA FOR ERRORS (cont.)

Several well samples required dilutions for arsenic and selenium to eliminate background matrix interferences, which yielded higher detection limits than those routinely reported by Envirodyne. The samples affected were from FSB 78, FSB 91D, FSB 93D, FSB 105D, FSB 106C, and FSB 110D.

A rerun of the GC/MS VOA analysis for FSB 93D was necessary because the first analysis had unacceptable surrogate recoveries. The rerun was conducted after the holding time had passed.

Because an instrument malfunctioned in the Envirodyne GC/MS laboratory, 29 VOA samples exceeded their holding limits. The samples were from BGO 16A, BGO 17D, BGO 18A, BGO 19D, BGO 20D, BGO 21D, BGO 22D, BGO 23D, BGO 24D, FSB 75B, FSB 78C, FSB 79, FSB 79C, FSB 92D, FSB 93C, FSB 97C, FSB 97D, FSB 98D, FSB 99, FSB 99C, FSB 102C, FSB 105D, FSB 106C, FSB 109D, FSB 110C, FSB 110D, KRB 1, KRB 14, and KRB 15.

In the total organic halogens analyses for LDB 2 and BGO 21D, the volatiles made it difficult to obtain a baseline.

The BGO 24D and LDB 1 samples had high particulate loads, which caused slow elution rates for the total organic halogens analyses.

The total organic halogens result for BGO 4D did not replicate satisfactorily because an unknown volatile interfering agent was present in the sample.

Several blanks sent to Envirodyne showed elevated analyte values. The samples that accompanied the blanks in their respective analytical runs are listed below.

Sample date	Analyte	Associated Samples
1/29/89	pH	KAC 1, KAC 2, KAC 4, KAC 6, KAC 7, PAC 1, PAC 2, PAC 3, PAC 4
2/14/89	Magnesium	FSB 98A
2/22/89	Calcium	MSB 9A, MSB 9B, MSB 9C, MSB 15A, MSB 17A, MSB 17B, MSB 18C, MSB 20A, MSB 20C, MSB 21A, MSB 21C, MSB 21TA, MSB 43A, MSB 43B, MSB 43D
2/22/89	Total organic halogens	DCB 12, FSB 76, FSB 78C, FSB 79C, FSB 92D, LFW 8
3/7/89	pH	BGO 16D, FSB 78A, FSB 87A, FSB111D, HSB102C, MSB 19C
3/11/89	Calcium	FSB 89C, FSB 99A, FSB100A, FSB108D, HSB102D, HSB137C
3/11/89	pH	CMP 16B, FSB 76B, FSB 88C, FSB111C, KDB 2
3/12/89	Magnesium	DCB 1A, HSB 66, HSB 85A, HSB 85C, HSB122A, HSB123A, HSB130D, MSB 8A

REVIEW OF THE ANALYTICAL DATA FOR ERRORS (cont.)

Sample date	Analyte	Associated Samples
3/12/89	Lead	DCB 1A, HSB 66, HSB 85A, HSB 85C, HSB122A, HSB123A, HSB130D, MSB 8A
3/22/89	Lead	MSB 29C, MSB 36A
3/26/89	pH	FAC 3, FAC 5, FAC 6, FAC 7, LFW 20, MSB 40A, NBG 3, NBG 4, NBG 5

The following first quarter analytical results were corrected after a request that Envirodyne review the laboratory records.

Well	Analyte	Incorrect Value	Correct Value
BGO 6C	Potassium	5.46 mg/L	1.15 mg/L
BGO 12C	Magnesium	0.086 mg/L	0.033 mg/L
	Phenols	30.1 mg/L	0.030 mg/L
BGO 14A	Phenols	330 mg/L	0.33 mg/L
BGO 14C	Phenols	20.6 mg/L	0.021 mg/L
BGO 25A	Phenols	68.6 mg/L	0.069 mg/L
CSR 4	Copper	0.243 mg/L	0.024 mg/L
DCB 1A	Sulfate	176 mg/L	3,176 mg/L
DCB 10	Lead	<0.006 mg/L	<0.060 mg/L
DCB 11	Cadmium	<0.002 mg/L	<0.020 mg/L
DCB 14	Cadmium	<0.002 mg/L	<0.020 mg/L
	Selenium	0.013 mg/L	<0.002 mg/L
DOB 1	Specific conductance	765 µmhos/cm	76.5 µmhos/cm
FSB107D	Mercury	8.6 µg/L	0.50 µg/L
HCB 1	Arsenic	<0.002 mg/L	<0.004 mg/L
HSB 65	Potassium	3.34 mg/L	<0.50 mg/L
HSB 65C	Sodium	34.5 mg/L	6.9 mg/L
HSB124A	p-Bromofluoro-benzene	0.0 per	100 per
HSB139D	Endrin	<0.10 µg/L	<0.50 µg/L
KAC 3	Magnesium	7.27 mg/L	0.727 mg/L
KAC 7	Phenols	10.6 mg/L	0.011 mg/L
LFW 7	Phenols	15.8 mg/L	0.016 mg/L
LFW 21	Phenols	20.3 mg/L	0.020 mg/L
MSB 11A	Manganese	<0.003 mg/L	<0.002 mg/L
TBG 7	Total organic halogens	19.3 µg/L	193 µg/L

REVIEW OF THE ANALYTICAL DATA FOR ERRORS (cont.)

The following first quarter analytical results are considerably different from previous results reported by Envirodyne. A review of the laboratory records did not reveal any problems with the analyses.

Analyte	Well
Silver	DCB 11, FAC 7
Aluminum	HSB 83A
Arsenic	DCB 1A, DCB 7, DCB 12, DCB 14, FSB 79, FSB 79C, FSB107D, HCB 2, HSB102D
Gross alpha	AMB 6, BG 58, BG 60, BGO 14, DCB 1A, DCB 7, DCB 14, FSB 89D, FSB 90D, FSB105D, FSB107D, FTF 4, FTF 17, FTF 18, FTF 19, FTF 20, FTF 21, FTF 24A, FTF 25, FTF 26, MGC 19, MGE 30, MSB 22
Barium	BGO 20D, DCB 14, FSB 98D, HSB 71C
Nonvol. beta	AMB 6, BG 58, FSB 89D, HSB112E, MGE 30, MSB 22
Calcium	BGO 1D, CMP 9B, CMP 14C, DCB 14, LFW 20, LFW 21, LFW 26, RSF 3
Cadmium	FSB 97D
Chloride	MSB 36C, MSB 36D, PAC 3
Cobalt	FSB 76A, FSB 88D, FSB 90D, FSB 91C, FSB 97C, FSB 97D, FSB 98D
Specific conductance	FSB 99D, FSB110C, HTF 12, HTF 20, KCB 3, MSB 19B, RAC 3
Chromium	DCB 5, DCB 6, DCB 7, HCB 2, LFW 31, PAC 4, PAC 6
Copper	ACB 1A, ACB 3A, CCB 3, CSB 2A, CSB 3A, DCB 12, FSB 76C, FSB 97C, HSB 84D, HSB102D, HSB108C, HSB115C, HSB117C, HSB124A, HSB137D, HSB138D, LAC 2, MSB 14B, PSB 4A, PSB 5A
Cyanide	FSB 91D, FSB 97D, FSB 98C, FSB 99D, HSB104D, HSB112D, HSB114C
Fluoride	BGO 12C, DCB 12, FAC 8, FNB 2, FSB 89D, HSB 86D, HSB101D, HSB102D, HSB125D, KSS 1D
Iron	AMB 6, ASB 8A, ASB 8B, BGO 20D, BGO 25A, DCB 1A, DCB 12, DCB 14, DOB 1, FAC 8, FET 1D, FSB 91C, FSB 93D, FSB 97D, FSS 4D, HCB 3, HSB115D, HSB132C, HSB133D, KAC 2, KDB 3, KSS 2D, LCO 2, LFW 22, LFW 29, LFW 31, LFW 39, PAC 1, PAC 4, PAC 5, PAC 6, PSS 1D, PSS 2D, RSE 25, SRW 2A, TBG 1, TBG 5
Mercury	FSB 89D, TBG 3
Potassium	BGO 12C, DCB 1A, FSB 93C, FSB 99C
Magnesium	CMP 14C, DCB 1A, DCB 4, FSB 95C, FSB 98A, HSB 70C, KAC 5, LFW 8, MSB 19A, XSB 2D
Manganese	BGO 12D, CSB 4A, FAC 3, FSB 97C, FSB 97D, FSB 98D, LFW 31, MCB 5, MSB 10C, MSB 36D, PAC 3, PAC 4
Sodium	CMP 14C, LFW 21, HSB112D
Nickel	FSB 88D, FSB 93D, FSB 97D, FSB 98D, HSB106D, MSB 36A, PAC 3
Nitrate (as N)	AMB 4, DCB 13, FSS 3D, FTF 6, KDB 3, PAC 3

REVIEW OF THE ANALYTICAL DATA FOR ERRORS (cont.)

Analyte	Well
Lead	BGO 20D, CSB 5A, DCB 7, DCB 14, FSB 93D, FSB 97D, FSS 1D, HSB 65B, HSB102D, HSB112E, HSB131D, KRB 1, MSB 8A, MSB 10C, MSB 29B, MSB 36TA, MSB 39B, NBG 5, SBG 6
Phenols	AMB 6, AMB 7, BGO 10A, FSB110D, KSS 2D
Antimony	FSB 76A, FSB100A, HSB 84A
Selenium	FSB 78, HCB 2
Silica	BGO 16A, DCB 4A, FSB 78C
Silvex	LFW 7, LFW 17
Sulfate	ACB 4A, AMB 6, DCB 12, FSB110D, HAP 1, HCB 2, KAC 7, LCO 1, LFW 21, MSB 9B
Total dissolved solids	AMB 6, DCB 8, DCB 12, DCB 14, FET 3D, HCB 2, HSB 65C, HSB 70, HSB 85C, MSB 43D, PAC 2
Total organic carbon	AMB 4, AOB 2, BGO 5C, FSB 96A, HSB135C, HSB135D, LFW 21, LFW 31, PAC 2
Total organic halogens	ASB 3A, BGO 5D, CDB 1, CMP 8, CMP 13, CSB 2A, CSR 2, DOB 2, FAL 2, FSB 79, FSB 79C, HAC 1, HCA 2, HR3 11, HSB 66, HSB113D, HSB126C, HSB131D, LAC 2, LCO 1, LDB 1, LFW 21, MSB 7A, TBG 7
Total phosphates	CMP 13, DCB 1A, DCB 10, DCB 12, FCA 10A, FNB 1, FSS 1D, FSS 3D, HCB 2, HSB125D, HSB126, HSB135C, HSS 2D, KDB 1, KDB 2, KRB 14, KRB 15, TBG 5, XSB 3A
Total radium	FSB 94C, FTF 6, FTF 27, KAC 7, LFW 21
Thallium	FSB 76A, FSB 91D, FSB 92D, FSB 94C
Tritium	BGO 4D, BGO 6C, BGO 6D, BGO 17D, HSB 69A, HSB 70, HSB100C, LAC 2, LFW 19, LSB 2, LSB 3, MGC 19, NBG 2, PSB 4A
Turbidity	BGO 6C, BGO 6D, FAC 4, FAC 8, HAC 3, KAC 6, KAC 7, PAC 5
Vanadium	HSB104C, HSB101D
Chloroform	FCA 19D
Tetrachloroethylene	HCA 2, LFW 21, MCB 2, MSB 11F
Trichloroethylene	CRP 1, CSB 2A, HCA 2, LFW 36, MSB 11F
1,2-Dichloroethylene	KRB 1, MSB 31C
Zinc	CMP 15A, CMP 16B, DCB 1A, DCB 8, DCB 12, FSB 97D, HSB105C, HSB108C, HSB109D, HSB110C, HSB114C, HSB115D, HSB121A, HSB139C, KCB 1, KCB 3, MSB 22, PCB 3A

The following analyses were not performed for the reasons given:

Well	Analyte	Reason
AMB 4 (Replicate)	pH, specific conductance, total organic carbon, total organic halogens	Insufficient water for complete sampling
BGO 13D	Pesticide/herbicide	Insufficient water for complete sampling
CCB 4	Tritium	Sample misplaced by lab

REVIEW OF THE ANALYTICAL DATA FOR ERRORS (cont.)

Well	Analyte	Reason
CMP 15C	Gross alpha, nonvol. beta, pesticide/herbicide, tritium, total radium, total phosphates, nitrate (as N), total organic carbon, phenols	Insufficient water for complete sampling
DCB 7	Chloride	Matrix interference
FAC 6	Gross alpha, nonvol. beta, total radium	Insufficient water for complete sampling
FBP 3A	Total radium	Insufficient water for complete sampling
FCA 1N	Gross alpha, nonvol. beta, total radium	Insufficient water for complete sampling
FCA 2D	Chloride, specific conductance, fluoride, pH, silica, sulfate, total dissolved solids, total radium, gross alpha, nonvol. beta, tritium	Insufficient water for complete sampling
FCA 16D	Fluoride	Inadvertently overlooked by lab
FSB 88C	Bis(2-ethylhexyl)phthalate	Inadvertently overlooked by lab
FTF 5	Specific conductance, pH, gross alpha, nonvol. beta, total radium	Insufficient water for complete sampling
HSB 83A	Gross alpha	Inadvertently overlooked by lab
HSB137C	Fluoride	Inadvertently overlooked by lab
HTF 3	Specific conductance, sodium pH, nitrate (as N)	Physically unable to collect sample
HTF 5	Mercury	Lab disposed of sample before completing analysis
HTF 6	Mercury	Lab disposed of sample before completing analysis
HTF 7	Mercury	Lab disposed of sample before completing analysis
HTF 8	Mercury	Lab disposed of sample before completing analysis
HTF 13	Specific conductance, sodium, nitrate (as N), pH	Insufficient water for complete sampling
HTF 17	Specific conductance, sodium, nitrate (as N), pH	Insufficient water for complete sampling
HTF 31	Specific conductance, sodium, nitrate (as N), pH	Physically unable to collect sample
HTF 34	Mercury	Lab disposed of sample before completing analysis
KRB 1	Chloride, fluoride, gross alpha, nonvol. beta, total radium, tritium	Insufficient water for complete sampling
LFW 16	Phenols	Preserved sample exhausted before analysis completed
LFW 19	Phenols	Preserved sample exhausted before analysis completed

REVIEW OF THE ANALYTICAL DATA FOR ERRORS (cont.)

Well	Analyte	Reason
LFW 37	Phenols	Preserved sample exhausted before analysis completed
LFW 42	Phenols	Preserved sample exhausted before analysis completed
MSB 13B	Chloride, specific conductance, fluoride, pH, silica, sulfate, total dissolved solids, carbonate	Insufficient water for complete sampling

Review of the Weston Analytical Data

The herbicide samples received on March 15, 1989, by Weston may have been compromised because a technician added a base to the samples prior to the addition of acid. EPA protocol requires that only acid be added.

The following first quarter analytical results are considerably different from previous results reported by Weston. A review of the laboratory records did not reveal any problems with the analyses.

Analyte	Well
Aluminum	HSB 83C
Gross alpha	CMP 15A
Nonvol. beta	BGO 4D, BGO 8D, FET 3D, FNB 4, FSB 76B, HSS 2D
Chloride	BGO 8D, FAC 4, FNB 4, YSB 3A
Chromium	DCB 9, FNB 4, FSB 76B, HSB 65B, HSB 83C, KSS 3D, MSB 8A, MSB 18A, XSB 4D, YSB 3A
Copper	HSB 83C, KSS 3D
Endrin	HSB132C
Fluoride	DCB 9
Iron	DCB 3A, FAC 4, XSB 4D
Mercury	FSB 76B
Potassium	CMP 15A, FAC 4, HSB 83C, KSS 3D
Lindane	HSB132C
Sulfate	BGO 8D, CMP 15A
Total dissolved solids	TBG 7
Total organic carbon	HSB 83C
Total organic halogens	LFW 10A
Tetrachloroethylene	HSB132C
Trichloroethylene	HSB132C
Turbidity	BGO 8D, FAC 4
Zinc	FSB 76B

REVIEW OF THE ANALYTICAL DATA FOR ERRORS (cont.)

The following analyses were not performed for the reasons given:

Well	Analyte	Reason
FAC 4	Pesticide/herbicide	Requested too late
HSS 2D	Nitrate (as N)	Inadvertently left off chain of custody
KSS 3D	Nitrate (as N)	Inadvertently left off chain of custody
MSB 8A	Pesticide/herbicide	Sample went dry during extraction step

Review of the Enwright Analytical Data

The following analyses were corrected after a review of the laboratory records.

Well	Analyte	Incorrect Value	Correct Value
CMP 16B	Specific conductance	80 µmhos/cm	180 µmhos/cm
	Iron	0.21 mg/L	<0.030 mg/L
	Sodium	<1.4 mg/L	1.4 mg/L
DCB 9	Trichloroethylene	170 µg/L	50 µg/L
FSB 88C	2,4-D	<0.1 µg/L	<0.5 µg/L
FSB111C	Tritium	<1.0 pCi/mL	4.88 pCi/mL
LFW 10A	Magnesium	<0.68 mg/L	0.68 mg/L
MSB 18A	Chloride	260 mg/L	2.6 mg/L

Enwright incorrectly reported tritium results in pCi/L. These units were corrected to pCi/mL.

The following first quarter analytical results are considerably different from previous results reported by Enwright. A review of the laboratory records did not reveal any problems with the analyses.

Analyte	Well
Gross alpha	FAC 4, FNB 4
Nonvol. beta	BGO 8D, FAC 4, MSB 8A
Calcium	LFW 26
Chloride	LFW 10A
Fluoride	DCB 9
Iron	LFW 10A
Manganese	MSB 18A
Nitrate (as N)	CMP 16B, FSB 76C, HSS 2D
Total dissolved solids	HET 1D, HSB132C
Total organic carbon	LFW 10A
Total organic halogens	DCB 9, MSB 8A
Total radium	FAC 4

REVIEW OF THE ANALYTICAL DATA FOR ERRORS (cont.)

The following analyses were not performed for the reasons given:

Well	Analyte	Reason
FAC 4	Pesticide/herbicide	Requested too late
HSS 2D	Nitrate (as N)	Inadvertently left off chain of custody
KSS 3D	Nitrate (as N)	Inadvertently left off chain of custody

Review of the M-Area Analytical Data

The following analyses were corrected after a review of the laboratory records.

Well	Analyte	Incorrect Value	Correct Value
ABP 2A	1,1-Dichloroethylene	<10.0 μg/L	<1.0 μg/L
	1,1,1-Trichloroethane	<10.0 μg/L	<1.0 μg/L
ABP 3	1,1-Dichloroethylene	<10.0 μg/L	<1.0 μg/L
	1,1,1-Trichloroethane	<10.0 μg/L	<1.0 μg/L
MSB 11C	Tetrachloroethylene	23,300 μg/L	3,890 μg/L
MSB 11D	Trichloroethylene	7,540 μg/L	42,800 μg/L
MSB 16C	1,1-Dichloroethylene	<5.0 μg/L	<50.0 μg/L
MSB 17BB	Chloroform	<1.0 μg/L	<10.0 μg/L
MSB 20A	Tetrachloroethylene	<2.0 μg/L	<20.0 μg/L
MSB 25A	Tetrachloroethylene	1,170 μg/L	240 μg/L
MSB 26B	Chloroform	<1.0 μg/L	<10.0 μg/L
MSB 28A	Tetrachloroethylene	<1.0 μg/L	<100.0 μg/L
MSB 31B	Trichloroethylene	50.0 μg/L	295 μg/L
MSB 33	trans-1,2-Dichloroethene	<25.0 μg/L	<2.5 μg/L
MSB 34C	Tetrachloroethylene	92.1 μg/L	92.0 μg/L
MSB 37A	Tetrachloroethylene	<3.35 μg/L	3.35 μg/L
	Chloroform	<1.0 μg/L	<10.0 μg/L
	trans-1,2-Dichloroethene	<1.0 μg/L	<10.0 μg/L
	1,1,1-Trichloroethane	<1.0 μg/L	<10.0 μg/L
MSB 37TA	Tetrachloroethylene	558 μg/L	66.4 μg/L
MSB 47B	Tetrachloroethylene	<2.5 μg/L	<25.0 μg/L
		<2.0 μg/L	<20.0 μg/L
MSB 67D	1,1,1-Trichloroethane	<100.0 μg/L	<10.0 μg/L
MSB 68C	Tetrachloroethylene	<1.0 μg/L	<10.0 μg/L
RWM 4	Tetrachloroethylene	<250.0 μg/L	<25.0 μg/L
RWM 9	Tetrachloroethylene	<100.0 μg/L	<10.0 μg/L
RWM 11	Tetrachloroethylene	<500.0 μg/L	<50.0 μg/L

REVIEW OF THE ANALYTICAL DATA FOR ERRORS (cont.)

The following first quarter analytical results are considerably different from previous results reported by M Area. A review of the laboratory records did not reveal any problems with the analyses.

Analyte	Well
Tetrachloroethylene	MSB 9C, MSB 26, MSB 42B, MSB 47C, MSB 50B
Trichloroethylene	MSB 5A, MSB 9C, MSB 12C, MSB 23TA, MSB 26, MSB 27TA, MSB 34C, MSB 37D, MSB 41A, MSB 44A, MSB 50B
trans-1,2-Dichloro-ethene	MSB 2A
1,1,1-Trichloroethane	MSB 2A, MSB 5A, MSB 12C

Review of the Teledyne Analytical Data

The blank that was sent to Teledyne on March 26, 1989, showed elevated uranium-234 and uranium-235 activities. The associated samples that were run with this blank are from wells ASB 4 and ASB 8.

The following analytical results for first quarter were reviewed because Teledyne had reported two different values in two different hard copy reports. The correct value was entered into the database.

Analyte	Well
Uranium-234	ASB 1A, ASB 8A, XSB 5A
Uranium-235	ASB 1A ASB 8A, XSB 5A
Plutonium-239/240	ASB 8B

Review of the Environmental Monitoring Section Analytical Data

The following drinking water analytical results differ considerably from previous results reported by the Environmental Monitoring Laboratory. A review of the laboratory data did not reveal any problems with the analyses.

Analyte	Site
Gross alpha	D Area, Firing Range, Par Pond Lab, Talatha Gate, TNX, 681-3G, 704-F
Nonvol. beta	D Area
Tritium	D Area, 221H Building, 701-1F

The following radioactive analytical results differ considerably from previous results reported by the Environmental Monitoring Laboratory. A review of the laboratory records did not reveal any problems with the analyses.

Analyte	Well
Gross alpha	BG 56, F 15, F 18A, FSB 78, FSB 78C, FSB 79, FSB 79C, FSB 88D, FSB 89D, FSB 90D, FSB 91C, FSB 91D, FSB 92D, FSB 93C, FSB 93D, FSB 94C, FSB 97C, FSB 97D,

REVIEW OF THE ANALYTICAL DATA FOR ERRORS (cont.)

Analyte	Well
Gross alpha (cont.)	FSB 98C, FSB 98D, FSB 99C, FSB102C, FSB104D, FSB105C, FSB105D, FSB106C, FSB107D, FSB110D, HSB102D, HSB103D, HSB104D, HSB105D, HSB114C, HSB114D, HSB138D
Nonvol. beta	BG 56, CDB 2, CSR 4, F 15, F 17, FSB 97C, FSB 98D, FTF 6, FTF 12, H 10, H 13, H 14, HSB136C, HTF 28, LSB 1, RSA 10, RSD 1, RSD 6, RSD 11
Tritium	CSB 2A, CSB 4A, CSB 5A, FTF 6, HSB111D, HSB111E, HSB112D, HSB116C, HSB116D, HSB129D

The following analyses were not performed because the lab inadvertently missed them.

Well Series	Analyte
RSA	Tritium
RSB	Tritium
RSC	Tritium
RSD	Tritium
RSE	Tritium
Z	Gross alpha, nonvol. beta
ZW	Gross alpha, nonvol. beta

ANALYTICAL METHODS

All analyses except those conducted by the Environmental and Health Protection Laboratory were performed using the following Environmental Protection Agency methods.

Analyte	Method		
	Envirodyne	Enwright	Weston
Acrolein, acrylonitrile, acetonitrile	603.0 GC	-	-
Alkalinity	310.1	-	-
Aluminum	200 (AA-Flame) 200 (ICP)	202.1	200.7
Ammonia	350.1	-	-
Antimony	200 (AA-Flameless)	204.1	-
Appendix IX*			
Arsenic	200 (AA-Flameless) 200 (AA-Hydride)	206.2	206.2
Barium	200 (AA-Flame) 200 (ICP)	208.1	200.7

* Not applicable, various methods used.

ANALYTICAL METHODS (cont.)

Analyte	Method Envirodyne	Enwright	Weston
Base/Neutral/Acid (BNA)	625.0	-	-
Benzene	602	624	602
Beryllium	200 (AA-Flameless) 200 (ICP)	210.1	200.7
Bromide	300.0	-	320.1
Cadmium	200 (AA-Flameless) 200 (AA-Flame) 200 (ICP)	213.1	200.7
Calcium	200 (AA-Flame) 200 (ICP)	215.1	200.7
Chloride	325.3 300.0	325.3	325.3
Chromium	200 (AA-Flameless) 200 (ICP)	218.1	200.7
Cobalt	200 (ICP)	-	-
Copper	200 (AA-Flameless) 200 (ICP)	220.1	200.7
Cyanide	335.2	335.1	335.3
2,4-D	615.0	509B	509B
Endrin	608.0	608	509A
Fluoride	340.1	340.2	340.2
Gross alpha	900.0	900	600 (4-80-032)
Iron	200 (AA-Flame) 200 (ICP)	236.1	200.7
Lead	200 (AA-Flameless) 200 (ICP)	239.2	200.7
Lindane	608.0	608	509A
Magnesium	200 (AA-Flame) 200 (ICP)	242.1	200.7
Manganese	200 (AA-Flame) 200 (ICP)	243.1	200.7
Mercury	245.1	245.1	245
Methoxychlor	608.0	608	509A
Nickel	200 (AA-Flameless) 200 (ICP)	249.1	200.7
Nitrate (as N)	353.3	352.1	352.1
Nitrite (as N)	353.3	-	-
Nonvolatile beta	900.0	900	600 (4-80-032)
pH	150.1	150.1	150.1
Phenols	420.2	420.1	420.1
Potassium	200 (AA-Flame) 200 (ICP)	258.1	200.7
Priority Pollutants*			
Selenium	200 (AA-Flameless) 200 (AA-Hydride)	270.2	270.2

* Not applicable, various methods used.

ANALYTICAL METHODS (cont.)

Analyte	Method Envirodyne	Enwright	Weston
Silica	370.1	-	200.7
Silver	200 (AA-Flameless) 200 (AA-Flame)	272.1	200.7
Silvex	615.0	509B	509B
Sodium	200 (AA-Flame) 200 (ICP)	273.1	200.7
Specific conductance	120.1	120.1	120.1
Strontium	200 (ICP)	-	-
Sulfate	375.2 300.0	375.4	375.2
Tin	200 (ICP)	282.1	200.7
Total dissolved solids	160.1	160.1	160
Total organic carbon	415.1	415.1	415.1
Total organic halogens	450.1	9020	450.1
Total radium	900.0	903	600 (4-80-032)
Total phosphates	365.1	365.2	365.1
Toxaphene	608.0	608	509A
Turbidity	180.1	180.1	180.1
Tritium	-	906	-
Uranium	200 (ICP)	908.1	200.7
Volatile organics (GC)	601.0	601	601
(GC/MS)	624.0	624	624
Zinc	200 (AA-Flame) 200 (ICP)	289	200.7

FLAGGING CRITERIA

Two flagging criteria levels were established in 1986. The first flagging level identifies chemical constituents above detection or background levels, and the second flagging level identifies chemical constituents at a slightly higher analytical level. The flagging criteria are modified periodically, and the changes are documented in the quarterly reports.

The Flag 1 criteria are based on current analytical detection limits, approximate background concentration levels in SRS groundwaters, or EPA Drinking Water Standards.

The Flag 2 criteria are higher and are usually set at one-half the U.S. Environmental Protection Agency's Interim Primary Drinking Water Standards (DWS). If no drinking water standard exists for a particular constituent, the Flag 2 criterion is set at some appropriate level based on regional values.

Results for all analytes not listed on this table are automatically set at Flag 1, with the following exceptions:

- If the result is below the analytical detection limit, it is set at Flag 1.
- Odor, corrosivity, total dissolved solids, surfactants, sulfides, nitrites, color, turbidity, and GC Scan analytes are automatically set at Flag 0. These parameters are set at the lowest flag because they are regarded as aesthetic measurements and do not apply to health effects.

		Flag 1		Flag 2	
Parameter	Unit	Criteria	Standard	Criteria	Standard
Silver	µg/L	2	DL	25	1/2 DWS
Aluminum	µg/L	80	~2 x BG	400	10 x BG
Arsenic	µg/L	1	DL	25	1/2 DWS
Barium	µg/L	50	~2 x BG	500	1/2 DWS
Beryllium	µg/L	2	DL	20	10 x DL
Carbon tetrachloride	µg/L	1	DL	2.5	1/2 DWS
Calcium	µg/L	10,000	BG		
Cadmium	µg/L	2	DL	5	1/2 DWS
Chloride	µg/L	10,000	~2 x BG	125,000	1/2 IIDWS
Specific conductance	µmhos/cm	100	~2 x BG	Trend vs. time	
Chromium	µg/L	4	DL	25	1/2 DWS
Copper	µg/L	20	~2 x BG	500	1/2 IIDWS
Cyanide	µg/L	5	DL	100	1/2 USDWS
Fluoride	µg/L	500	1/8 DWS	2000	1/2 DWS
Iron	µg/L	150	1/2 IIDWS	300	IIDWS
Mercury	µg/L	0.4	2 x DL	1	1/2 DWS

FLAGGING CRITERIA

Parameter	Unit	Flag 1 Criteria	Flag 1 Standard	Flag 2 Criteria	Flag 2 Standard
Potassium	µg/L	5,000	BG		
Magnesium	µg/L	5,000	BG		
Manganese	µg/L	25	1/2 IIDWS	50	IIDWS
Sodium	µg/L	5,000	~2 x BG	Trend vs. time	
Nickel	µg/L	8	2 x DL	175	1/2 IHA
Nitrate (as N)	µg/L	3,000	~2 x BG	10,000	DWS
Lead	µg/L	20	~2 x BG	25	1/2 DWS
pH	pH	<4	BG	<3	
pH	pH	>6.5	BG	>8	
Phenols	µg/L	2	DL	Trend vs. time	
Selenium	µg/L	2	DL	5	1/2 DWS
Silica	µg/L	10,000	BG		
Sulfate	µg/L	10,000	~2 x DL	125,000	1/2 IIDWS
Total organic carbon	µg/L	5,000	~2 x BG	25,000	10 x BG
Total organic halogens	µg/L	10	2 x DL	25	5 x DL
Total phosphorus	µg/L	300	BG		
Zinc	µg/L	250	~2 x BG	2500	1/2 IIDWS
Gross alpha	pCi/L	5	~2 x BG	15	DWS
Nonvolatile beta	pCi/L	10	~2 x BG	50	10 x BG
Total radium	pCi/L	2.5	~2 x BG	5	DWS
Strontium 89/90	pCi/L	4	DL	8	DWS(A)
Tritium	pCi/L	10,000	1/2 DWS	20,000	DWS
Cobalt 60	pCi/L	10	DLDWS	50	1/2 DWS(A)
Chromium 51	pCi/L	600	DLDWS	3,000	1/2 DWS(A)
Cesium 134	pCi/L	10	DLDWS	40	1/2 DWS(A)
Cesium 137	pCi/L	20	DLDWS	100	1/2 DWS(A)
Iodine 131	pCi/L	1	DLDWS	1.5	1/2 DWS(A)
Ruthenium 103	pCi/L	20	DLDWS	100	1/2 DWS(A)
Antimony 125	pCi/L	30	DLDWS	150	1/2 DWS(A)
Zirconium/Niobium 95	pCi/L	20	DLDWS	100	1/2 DWS(A)
Endrin	µg/L	0.04	DL	0.10	1/2 DWS
Lindane	µg/L	0.018	DL	2	1/2 DWS
Methoxychlor	µg/L	0.10	DL	50	1/2 DWS
Silvex	µg/L	0.10	DL	5	1/2 DWS
Toxaphene	µg/L	0.64	DL	2.5	1/2 DWS
2,4-D	µg/L	0.38	DL	50	1/2 DWS
Chloroform	µg/L	1	DL	50	1/2 DWS
Trichloroethylene	µg/L	1	DL	2.5	1/2 DWS
Tetrachloroethane	µg/L	1	DL	5	5 x DL
1,1,1-TCE	µg/L	1	DL	100	1/2 DWS

Note:

BG = approximate background concentration at SRS.

DL = analytical detection limit.

DLDWS = detection limit requested by the U.S. Environmental Protection Agency's (EPA) primary drinking water standard (1976).

DWS = EPA primary drinking water standard.

DWS(A) = Level contributing 4 mrem/year dose in drinking water.

IHA = EPA Interim Health Advisory.

IIDWS = EPA secondary drinking water standard.

USDWS = U.S. Public Health drinking water standard.

ANALYTICAL DATA OF DRINKING WATER MONITORING

This section lists the analytical results of radioactive monitoring of drinking water from SRS wells. The Environmental and Health Protection Laboratory in Building 735-A conducts all analyses.

Sample Location	Sample Date	Analysis	Result
A Area	02/07/89	Gross alpha	-0.03 ±0.41 pCi/L
		Nonvolatile beta	-0.19 ±0.62 pCi/L
		Tritium	0.04 ±0.19 pCi/mL
Allendale Gate	02/07/89	Gross alpha	0.12 ±0.47 pCi/L
		Nonvolatile beta	0.61 ±0.71 pCi/L
		Tritium	0.13 ±0.28 pCi/mL
Barnwell Gate	02/07/89	Gross alpha	-0.14 ±0.28 pCi/L
		Nonvolatile beta	0.23 ±0.62 pCi/L
		Tritium	-0.02 ±0.28 pCi/mL
Central Shops	02/07/89	Gross alpha	0.13 ±0.52 pCi/L
		Nonvolatile beta	1.00 ±0.78 pCi/L
		Tritium	-0.04 ±0.19 pCi/mL
Classification Yard	02/07/89	Gross alpha	0.42 ±0.74 pCi/L
		Nonvolatile beta	1.49 ±0.81 pCi/L
		Tritium	-0.08 ±0.19 pCi/mL
D Area	02/07/89	Gross alpha	0.30 ±0.70 pCi/L
		Nonvolatile beta	3.06 ±1.05 pCi/L
		Tritium	1.59 ±0.20 pCi/mL
Emergency Operations Center (EOC)	02/07/89	Gross alpha	0.50 ±0.59 pCi/L
		Nonvolatile beta	0.44 ±0.64 pCi/L
		Tritium	-0.06 ±0.19 pCi/mL
Firing Range	02/07/89	Gross alpha	3.16 ±1.07 pCi/L
		Nonvolatile beta	3.37 ±0.99 pCi/L
		Tritium	1.65 ±0.20 pCi/mL
Forestry Building	02/07/89	Gross alpha	1.32 ±1.00 pCi/L
		Nonvolatile beta	1.66 ±0.79 pCi/L
		Tritium	1.09 ±0.20 pCi/mL

DRINKING WATER DATA

Sample Location	Sample Date	Analysis	Result
Jackson Gate	02/07/89	Gross alpha	0.89 ±0.85 pCi/L
		Nonvolatile beta	1.07 ±0.72 pCi/L
		Tritium	0.13 ±0.28 pCi/mL
Par Pond Laboratory	02/07/89	Gross alpha	0.43 ±0.76 pCi/L
		Nonvolatile beta	1.95 ±0.87 pCi/L
		Tritium	-0.13 ±0.18 pCi/mL
Talatha Gate	02/07/89	Gross alpha	7.93 ±1.82 pCi/L
		Nonvolatile beta	3.99 ±1.15 pCi/L
		Tritium	1.03 ±0.30 pCi/mL
TC-1 (704B)	02/07/89	Gross alpha	1.35 ±0.69 pCi/L
		Nonvolatile beta	1.47 ±0.78 pCi/L
		Tritium	-0.18 ±0.18 pCi/mL
TNX	02/07/89	Gross alpha	1.02 ±0.65 pCi/L
		Nonvolatile beta	5.48 ±1.26 pCi/L
		Tritium	-0.14 ±0.15 pCi/mL
Williston Gate	02/07/89	Gross alpha	0.10 ±0.40 pCi/L
		Nonvolatile beta	0.64 ±0.69 pCi/L
		Tritium	0.00 ±0.28 pCi/mL
Z Area	02/07/89	Gross alpha	0.23 ±0.55 pCi/L
		Nonvolatile beta	1.12 ±0.74 pCi/L
		Tritium	0.16 ±0.25 pCi/mL
105-C Building	01/13/89	Gross alpha	0.68 ±0.50 pCi/L
		Nonvolatile beta	1.62 ±0.79 pCi/L
		Tritium	0.26 ±0.12 pCi/mL
	02/07/89	Gross alpha	2.17 ±1.20 pCi/L
		Nonvolatile beta	1.00 ±0.73 pCi/L
		Tritium	0.03 ±0.19 pCi/mL
	03/03/89	Gross alpha	0.88 ±0.68 pCi/L
		Nonvolatile beta	1.21 ±0.72 pCi/L
		Tritium	-0.12 ±0.21 pCi/mL
105-K Building	01/13/89	Gross alpha	0.34 ±0.39 pCi/L
		Nonvolatile beta	3.00 ±0.97 pCi/L
		Tritium	0.27 ±0.12 pCi/mL
	02/07/89	Gross alpha	0.49 ±0.49 pCi/L
		Nonvolatile beta	3.12 ±0.98 pCi/L
		Tritium	0.08 ±0.15 pCi/mL
	03/03/89	Gross alpha	0.48 ±0.53 pCi/L
		Nonvolatile beta	3.07 ±0.97 pCi/L
		Tritium	-0.22 ±0.21 pCi/mL

Sample Location	Sample Date	Analysis	Result
105-L Building	01/13/89	Gross alpha	0.56 ±0.46 pCi/L
		Nonvolatile beta	1.62 ±0.79 pCi/L
		Tritium	0.14 ±0.12 pCi/mL
	02/07/89	Gross alpha	0.42 ±0.58 pCi/L
		Nonvolatile beta	1.60 ±0.80 pCi/L
		Tritium	0.25 ±0.28 pCi/mL
	03/03/89	Gross alpha	0.40 ±0.50 pCi/L
		Nonvolatile beta	1.95 ±0.83 pCi/L
		Tritium	-0.33 ±0.21 pCi/mL
105-P Building	01/13/89	Gross alpha	0.80 ±0.55 pCi/L
		Nonvolatile beta	2.21 ±0.87 pCi/L
		Tritium	0.03 ±0.12 pCi/mL
	02/07/89	Gross alpha	0.21 ±0.52 pCi/L
		Nonvolatile beta	1.59 ±0.79 pCi/L
		Tritium	0.82 ±0.19 pCi/mL
	03/03/89	Gross alpha	0.50 ±0.54 pCi/L
		Nonvolatile beta	1.23 ±0.72 pCi/L
		Tritium	1.58 ±0.22 pCi/mL
		Tritium	1.62 ±0.22 pCi/mL
221-F Building	01/13/89	Gross alpha	3.23 ±1.14 pCi/L
		Nonvolatile beta	6.45 ±1.36 pCi/L
		Tritium	0.32 ±0.12 pCi/mL
	02/07/89	Gross alpha	1.86 ±0.96 pCi/L
		Nonvolatile beta	5.92 ±1.31 pCi/L
		Tritium	0.12 ±0.28 pCi/mL
	03/03/89	Gross alpha	2.97 ±1.36 pCi/L
		Nonvolatile beta	4.28 ±1.17 pCi/L
		Tritium	-0.18 ±0.18 pCi/mL
221-H Building	01/13/89	Gross alpha	2.62 ±1.03 pCi/L
		Gross alpha	2.56 ±1.29 pCi/L
		Nonvolatile beta	4.20 ±1.13 pCi/L
		Nonvolatile beta	3.73 ±1.10 pCi/L
		Tritium	0.08 ±0.12 pCi/mL
	02/07/89	Gross alpha	2.90 ±1.38 pCi/L
		Nonvolatile beta	4.60 ±1.16 pCi/L
		Tritium	0.32 ±0.29 pCi/mL
	03/03/89	Gross alpha	1.71 ±1.05 pCi/L
		Nonvolatile beta	3.71 ±1.10 pCi/L
		Tritium	-0.19 ±0.21 pCi/mL
241-24H	03/03/89	Gross alpha	2.37 ±1.19 pCi/L
		Nonvolatile beta	4.08 ±1.10 pCi/L
		Tritium	-0.26 ±0.21 pCi/mL
617-G Wackenhut Training Facility	02/07/89	Gross alpha	1.78 ±1.20 pCi/L
		Nonvolatile beta	1.99 ±0.84 pCi/L
		Tritium	1.72 ±0.30 pCi/mL

DRINKING WATER DATA

Sample Location	Sample Date	Analysis	Result
681-1G Pump House	02/07/89	Gross alpha	0.83 ±0.81 pCi/L
		Nonvolatile beta	3.34 ±1.07 pCi/L
		Tritium	-0.12 ±0.18 pCi/mL
681-3G Pump House	02/07/89	Gross alpha	1.27 ±1.02 pCi/L
		Nonvolatile beta	3.52 ±1.01 pCi/L
		Tritium	-0.20 ±0.18 pCi/mL
701-1F Building	01/13/89	Gross alpha	3.09 ±1.16 pCi/L
		Nonvolatile beta	4.40 ±1.16 pCi/L
		Tritium	0.32 ±0.12 pCi/mL
701-1H Building	01/13/89	Gross alpha	2.38 ±0.99 pCi/L
		Gross alpha	2.32 ±1.22 pCi/L
		Nonvolatile beta	5.84 ±1.30 pCi/L
		Nonvolatile beta	4.97 ±1.24 pCi/L
		Tritium	-0.07 ±0.12 pCi/mL
701-12G Barricade 7	02/07/89	Gross alpha	-0.03 ±0.28 pCi/L
		Nonvolatile beta	1.44 ±0.76 pCi/L
		Tritium	1.00 ±0.30 pCi/mL
701-13G Barricade 6	02/07/89	Gross alpha	1.44 ±0.94 pCi/L
		Nonvolatile beta	0.93 ±0.70 pCi/L
		Tritium	2.48 ±0.31 pCi/mL
701-8G Barricade 8	02/07/89	Gross alpha	0.74 ±0.76 pCi/L
		Nonvolatile beta	0.94 ±0.69 pCi/L
		Tritium	3.10 ±0.32 pCi/mL
704-F Building	02/07/89	Gross alpha	3.12 ±1.70 pCi/L
		Gross alpha	3.08 ±1.28 pCi/L
		Nonvolatile beta	4.67 ±1.24 pCi/L
		Tritium	0.04 ±0.28 pCi/mL
704-H Building	02/07/89	Gross alpha	2.75 ±1.50 pCi/L
		Nonvolatile beta	3.82 ±1.12 pCi/L
		Tritium	0.16 ±0.25 pCi/mL
704-S DWPF	02/17/89	Gross alpha	0.59 ±0.66 pCi/L
		Nonvolatile beta	2.12 ±0.90 pCi/L
		Tritium	-0.40 ±0.21 pCi/mL
772-F Building	03/03/89	Gross alpha	2.29 ±1.17 pCi/L
		Nonvolatile beta	4.08 ±1.13 pCi/L
		Tritium	-0.31 ±0.21 pCi/mL

FIELD AND ANALYTICAL DATA OF GROUNDWATER MONITORING

This section presents the field and analytical results for samples collected during first quarter 1989. The tables are presented in alphabetical order by series and in numerical order within each series. Refer to the location indeces following this section to determine the series names. The tabular data contain all of the analytical results for samples collected during this quarter except for those analyses described in the **Sample Analysis** section. Some samples are analyzed for field parameters only and have no laboratory analyses.

The laboratory data are organized under headings that do not appear in the tables. The following table provides the headings for the Laboratory Analyses tables.

Flagging Criterion	Analyte	Result	Unit	Laboratory
0	TETRACHLOROETHYLENE	LT 1.00	UG/L	ENV. ENG.
0	CHLOROFORM	LT 1	UG/L	ENW. LAB.
0	TOTAL RADIUM	0.20+-0.20	PCI/L	W. A.

The following codes appear in the tabular data:

LT = less than
MG/L = milligrams per liter
NG/L = nanograms per liter
PCI/L = picocuries per liter
PCI/ML = picocuries per milliliter
PH = pH units
NTU = turbidity units
TOC = top of well casing
UG/L = micrograms per liter
UMHC = micromhos per centimeter
UMHOS/CM = micromhos per centimeter
ENV. ENG. = Envirodyne Engineers
ENW. LAB. = Enwright Laboratories
HP, 735A = Environmental and Health Protection Laboratory, SRS
M-AREA, SRS = M-Area Laboratory, SRS
RAD. MEAS. = Radiation Measurements
TEL. ISO. = Teledyne Isotopes
W. A. = Weston Analytical Laboratory

WELL ABP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/01/89 Time 1200
Depth to water = 138.88 ft (42.33 m) below the TOC
Water elevation = 221.02 ft (67.37 m) msl
pH = 4.6 Alkalinity = 0 mg/L
Specific Conductance = 18 umhos/cm
Water Temperature = 19.4 degrees Celsius
Water evacuated from the well prior to sampling = 125 gal

LABORATORY ANALYSES

0	SILVER	LT	2	ug/l	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	LITHIUM	LT	5	ug/l	Env. Eng.
0	MANGANESE		3	ug/l	Env. Eng.
0	SODIUM		989	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		1.84	ug/l	M-Area,SRS
0	TOTAL ORGANIC HALOGENS		6	ug/l	Env. Eng.
1	TRICHLOROETHYLENE		1.05	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		2.50	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	GROSS ALPHA		0.96+-0.80	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.

WELL ABP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/01/89 Time 1200
Depth to water = 138.88 ft (42.33 m) below the TOC
Water elevation = 221.02 ft (67.37 m) msl
pH = 4.6 Alkalinity = 0 mg/L
Specific Conductance = 18 umhos/cm
Water Temperature = 19.4 degrees Celsius
Water evacuated from the well prior to sampling = 125 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		2.97	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL ABP 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/01/89 Time 1310
Depth to water = 152.10 ft (46.36 m) below the TOC
Water elevation = 219.80 ft (67.00 m) msl
pH = 4.5 Alkalinity = 0 mg/L
Specific Conductance = 16 umhos/cm
Water Temperature = 21.7 degrees Celsius
Water evacuated from the well prior to sampling = 131 gal

LABORATORY ANALYSES

0	SILVER	LT	2	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	LITHIUM	LT	5	ug/l	Env. Eng.
0	MANGANESE		7	ug/l	Env. Eng.
0	SODIUM		1170	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		1.74	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		1.53	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		7.74	ug/l	M-Area,SRS
1	TOTAL ORGANIC HALOGENS		14	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		23.6	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		22.3	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		31.3	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	GROSS ALPHA		1.47+-0.85	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.

WELL ABP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/01/89 Time 1350
Depth to water = 132.14 ft (40.28 m) below the TOC
Water elevation = 221.56 ft (67.53 m) msl
pH = 4.5 Alkalinity = 0 mg/L
Specific Conductance = 17 umhos/cm
Water Temperature = 20.8 degrees Celsius
Water evacuated from the well prior to sampling = 38 gal

LABORATORY ANALYSES

0	SILVER	LT	2	ug/l	Env. Eng
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
1	LITHIUM		7	ug/l	Env. Eng.
0	LITHIUM	LT	5	ug/l	Env. Eng
0	MANGANESE		13	ug/l	Env. Eng.
0	MANGANESE		12	ug/l	Env. Eng.
0	SODIUM		1280	ug/l	Env. Eng.
0	SODIUM		1170	ug/l	Env. Eng
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		1.04	ug/l	Env. Eng
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
2	TOTAL ORGANIC HALOGENS		54	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		47	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		75.4	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		114	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas

WELL ABP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/01/89 Time 1245
Depth to water = 145.27 ft (44.28 m) below the TOC
Water elevation = 219.03 ft (66.76 m) msl
pH = 4.4 Alkalinity = 0 mg/L
Specific Conductance = 21 umhos/cm
Water Temperature = 19.9 degrees Celsius
Water evacuated from the well prior to sampling = 95 gal

LABORATORY ANALYSES

0	SILVER	LT	2	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	LITHIUM	LT	5	ug/l	Env. Eng.
0	MANGANESE		5	ug/l	Env. Eng.
0	SODIUM		1360	ug/l	Env. Eng
0	NICKEL	LT	4	ug/l	Env. Eng
0	LEAD	LT	6	ug/l	Env. Eng
1	TETRACHLOROETHYLENE		1.46	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		3.11	ug/l	M-Area,SRS
0	TOTAL ORGANIC HALOGENS		7	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		5.05	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		8.59	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	GROSS ALPHA		2.36+-0.99	pCi/l	Rad. Meas.
0	GROSS ALPHA		2.33+-0.96	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.28+-0.68	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.26+-0.66	pCi/l	Rad. Meas.

WELL ABW 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/22/89 Time 1645
Depth to water = 100.94 ft (30.77 m) below the TOC
Water elevation = 223.86 ft (68.23 m) msl
pH = 4.4 Alkalinity = 0 mg/L
Specific Conductance = 24 umhos/cm
Water Temperature = 17.6 degrees Celsius
Water evacuated from the well prior to sampling = 101 gal

LABORATORY ANALYSES

0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng
0	CHLOROFORM	LT	1	ug/l	Env. Eng
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		2.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL ORGANIC HALOGENS		7	ug/l	Env. Eng.

CONTINUED

WELL ABW 1 COLLECTED ON 01/22/89 LABORATORY ANALYSES CONTINUED

1	TRICHLOROETHYLENE		2.00 ug/l	Env. Eng.
2	TRICHLOROETHYLENE		2.98 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	M-Area,SRS

WELL AC 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/01/89 Time 1530
Depth to water = 50.04 ft (15.25 m) below the TOC
Water elevation = 212.06 ft (64.64 m) msl
pH = 5.1 Alkalinity = 4 mg/L
Specific Conductance = 24 umhos/cm
Water Temperature = 18.9 degrees Celsius
Water evacuated from the well prior to sampling = 182 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1 ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00 ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	M-Area,SRS

WELL AC 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/01/89 Time 1515
Depth to water = 50.05 ft (15.26 m) below the TOC
Water elevation = 211.95 ft (64.60 m) msl
pH = 5.2 Alkalinity = 3 mg/L
Specific Conductance = 29 umhos/cm
Water Temperature = 18.6 degrees Celsius
Water evacuated from the well prior to sampling = 36 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1 ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00 ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	M-Area,SRS

WELL AC 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/04/89 Time 1730
Depth to water = 122.66 ft (37.39 m) below the TOC
Water elevation = 222.04 ft (67.68 m) msl
pH = 5.7 Alkalinity = 10 mg/L
Specific Conductance = 36 umhos/cm
Water Temperature = 17.1 degrees Celsius
Water evacuated from the well prior to sampling = 206 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1 ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00 ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	M-Area,SRS

WELL AC 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/04/89 Time 1730
Depth to water = 116.27 ft (35.44 m) below the TOC
Water elevation = 228.53 ft (69.66 m) msl
pH = 5.2 Alkalinity = 3 mg/L
Specific Conductance = 20 umhos/cm
Water Temperature = 17.9 degrees Celsius
Water evacuated from the well prior to sampling = 28 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1 ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00 ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		2.88 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1 ug/l	M-Area,SRS
1	1,1,1-TRICHLOROETHANE		2 ug/l	M-Area,SRS

WELL AC 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/01/89 Time 1445
Depth to water = 92.23 ft (28.11 m) below the TOC
Water elevation = 210.07 ft (64.03 m) msl
pH = 5.9 Alkalinity = 16 mg/L
Specific Conductance = 53 umhos/cm
Water Temperature = 20.4 degrees Celsius
Water evacuated from the well prior to sampling = 155 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1 ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00 ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	M-Area,SRS

WELL AC 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/01/89 Time 1455
Depth to water = 90.54 ft (27.60 m) below the TOC
Water elevation = 211.96 ft (64.61 m) msl
pH = 9.2 Alkalinity = 39 mg/L
Specific Conductance = 91 umhos/cm
Water Temperature = 19.5 degrees Celsius
Water evacuated from the well prior to sampling = 340 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1 ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00 ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	M-Area,SRS

WELL ACB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/22/89 Time 1415
Depth to water = 122.33 ft (37.29 m) below the TOC
Water elevation = 237.27 ft (72.32 m) msl
pH = 5.7 Alkalinity = 17 mg/L
Specific Conductance = 80 umhos/cm
Water Temperature = 18.4 degrees Celsius
Water evacuated from the well prior to sampling = 51 gal

LABORATORY ANALYSES

0	CARBON TETRACHLORIDE	LT	1.00 ug/l	Env. Eng.
0	CHLOROFORM	LT	1 ug/l	Env. Eng.
0	CHLOROFORM	LT	1 ug/l	M-Area,SRS
1	COPPER		27 ug/l	Env. Eng.
0	MERCURY	LT	0.20 ug/l	Env. Eng.
1	SODIUM		17900 ug/l	Env. Eng.
0	SULFATE		3800 ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00 ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00 ug/l	M-Area,SRS
0	TOTAL ORGANIC HALOGENS	LT	5 ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00 ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	M-Area,SRS
0	GROSS ALPHA	LT	3 pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2 pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.72+-0.62 pCi/l	Rad. Meas.

WELL ACB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/22/89 Time 1440
Depth to water = 111.69 ft (34.04 m) below the TOC
Water elevation = 238.11 ft (72.56 m) msl
pH = 5.2 Alkalinity = 4 mg/L
Specific Conductance = 45 umhos/cm
Water Temperature = 18.3 degrees Celsius
Water evacuated from the well prior to sampling = 79 gal

LABORATORY ANALYSES

0	CARBON TETRACHLORIDE	LT	1.00 ug/l	Env. Eng.
0	CHLOROFORM	LT	1 ug/l	Env. Eng.
0	CHLOROFORM	LT	1 ug/l	M-Area,SRS
1	COPPER		24 ug/l	Env. Eng.
0	MERCURY	LT	0.20 ug/l	Env. Eng.
1	SODIUM		7850 ug/l	Env. Eng.
0	SULFATE		6400 ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00 ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00 ug/l	M-Area,SRS
0	TOTAL ORGANIC HALOGENS	LT	5 ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00 ug/l	Env. Eng.

CONTINUED

WELL ACB 2A COLLECTED ON 01/22/89 LABORATORY ANALYSES CONTINUED

0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.

WELL ACB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/22/89 Time 1510
Depth to water = 110.15 ft (33.57 m) below the TOC
Water elevation = 238.15 ft (72.59 m) msl
pH = 4.9 Alkalinity = 1 mg/L
Specific Conductance = 166 umhos/cm
Water Temperature = 18.0 degrees Celsius
Water evacuated from the well prior to sampling = 83 gal

LABORATORY ANALYSES

0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	COPPER		16	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	SODIUM		4960	ug/l	Env. Eng.
1	SULFATE		58700	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
2	GROSS ALPHA		23.10+-3.42	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		11.30+-1.90	pCi/l	Rad. Meas.
2	TOTAL RADIUM		13.40+-1.81	pCi/l	Rad. Meas.

WELL ACB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/22/89 Time 1535
Depth to water = 120.60 ft (36.76 m) below the TOC
Water elevation = 238.50 ft (72.70 m) msl
pH = 5.1 Alkalinity = 2 mg/L
Specific Conductance = 162 umhos/cm
Water Temperature = 18.4 degrees Celsius
Water evacuated from the well prior to sampling = 70 gal

LABORATORY ANALYSES

0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	COPPER		16	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	SODIUM		4470	ug/l	Env. Eng.
1	SULFATE		55000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
2	GROSS ALPHA		29.70+-3.70	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		17.90+-1.72	pCi/l	Rad. Meas.
2	TOTAL RADIUM		17.80+-2.08	pCi/l	Rad. Meas.

WELL AMB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/21/89 Time 920
Depth to water = 146.67 ft (44.71 m) below the TOC
Water elevation = 233.73 ft (71.24 m) msl
pH = 6.4 Alkalinity = 59 mg/L
Specific Conductance = 131 umhos/cm
Water Temperature = 18.3 degrees Celsius
Water evacuated from the well prior to sampling = 1 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		115.0	UMHC	Env. Eng.
0	PH		6.27	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		13	ug/l	Env. Eng.
0	CALCIUM		3410	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	CHLORIDE		2800	ug/l	Env. Eng.

CONTINUED

WELL AMB 4 COLLECTED ON 03/21/89 LABORATORY ANALYSES CONTINUED

0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
2	IRON		615	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		2030	ug/l	Env. Eng.
0	MAGNESIUM		477	ug/l	Env. Eng.
1	MANGANESE		40	ug/l	Env. Eng.
1	SODIUM		18800	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng
1	PHENOLS		7	ug/l	Env. Eng.
1	PHENOLS		7	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng
1	SILICA		9700	ug/l	Env. Eng
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL DISSOLVED SOLIDS		32000	ug/l	Env. Eng.
1	TOTAL ORGANIC CARBON		6300	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		40	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		26	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		21.5	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	GROSS ALPHA		1.89+-0.86	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		3.14+-0.98	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM	LT	1	pCi/ml	Rad. Meas.

WELL AMB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/20/89 Time 1805
Depth to water = 145.87 ft (44.46 m) below the TOC
Water elevation = 233.73 ft (71.24 m) msl
pH = 5.5 Alkalinity = 18 mg/L
Specific Conductance = 57 umhos/cm
Water Temperature = 18.3 degrees Celsius
Water evacuated from the well prior to sampling = 42 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		55.20	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		54.70	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		54.40	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		50.90	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		53.60	UMHC	Env. Eng.
0	PH		5.43	pH	Env. Eng.
0	PH		5.52	pH	Env. Eng.
0	PH		5.64	pH	Env. Eng.
0	PH		5.61	pH	Env. Eng.
0	PH		5.64	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	4	ug/l	Env. Eng.
0	BARIUM	LT	4	ug/l	Env. Eng
0	CALCIUM		337	ug/l	Env. Eng
0	CALCIUM		363	ug/l	Env. Eng
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	CHLORIDE		3900	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		34	ug/l	Env. Eng.
0	IRON		41	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		657	ug/l	Env. Eng.
0	POTASSIUM		654	ug/l	Env. Eng
0	MAGNESIUM		77	ug/l	Env. Eng
0	MAGNESIUM		85	ug/l	Env. Eng
0	MANGANESE		8	ug/l	Env. Eng
0	MANGANESE		8	ug/l	Env. Eng
1	SODIUM		10600	ug/l	Env. Eng
1	SODIUM		11700	ug/l	Env. Eng
0	NITRATE AS NITROGEN		678	ug/l	Env. Eng
0	NITRATE AS NITROGEN		690	ug/l	Env. Eng
0	LEAD	LT	6	ug/l	Env. Eng
0	LEAD	LT	6	ug/l	Env. Eng
0	PHENOLS	LT	5	ug/l	Env. Eng
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		7950	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		1.40	ug/l	M-Area,SRS
0	TOTAL DISSOLVED SOLIDS		58000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1100	ug/l	Env. Eng
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		50	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		58	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		45	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		50	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		165	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		42.5	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	GROSS ALPHA		1.08+-0.72	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.94+-0.88	pCi/l	Rad. Meas.

CONTINUED

WELL AMB 5 COLLECTED ON 03/20/89 LABORATORY ANALYSES CONTINUED

0	TOTAL RADIUM		1.32+-0.81	pCi/l	Rad. Meas.
0	TRITIUM	LT	1	pCi/ml	Rad. Meas.

WELL AMB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/20/89 Time 1825
Depth to water = 143.50 ft (43.74 m) below the TOC
Water elevation = 233.70 ft (71.23 m) msl
pH = 5.7 Alkalinity = 15 mg/L
Specific Conductance = 55 umhos/cm
Water Temperature = 19.0 degrees Celsius
Water evacuated from the well prior to sampling = 50 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		49.80	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		49.70	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		50.80	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		50.20	UMHC	Env. Eng.
0	PH		5.76	pH	Env. Eng.
0	PH		5.69	pH	Env. Eng.
0	PH		5.72	pH	Env. Eng.
0	PH		5.77	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	4	ug/l	Env. Eng.
0	CALCIUM		513	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	CHLORIDE		4400	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		40	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1080	ug/l	Env. Eng.
0	MAGNESIUM		56	ug/l	Env. Eng.
0	MANGANESE		4	ug/l	Env. Eng.
1	SODIUM		11400	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		274	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		7590	ug/l	Env. Eng.
1	SILICA		7590	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL DISSOLVED SOLIDS		42000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		94000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1300	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		8	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		91	ug/l	Env. Eng.
1	TRICHLOROETHYLENE		2.11	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	GROSS ALPHA		1.83+-0.69	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.37+-0.81	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.79+-0.73	pCi/l	Rad. Meas.
0	TRITIUM	LT	1	pCi/ml	Rad. Meas.

WELL AMB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/21/89 Time 845
Depth to water = 135.88 ft (41.42 m) below the TOC
Water elevation = 234.02 ft (71.33 m) msl
pH = 7.5 Alkalinity = 137 mg/L
Specific Conductance = 278 umhos/cm
Water Temperature = 18.0 degrees Celsius
Water evacuated from the well prior to sampling = 2 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		221.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		217.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		253.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		247.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		240.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		237.0	UMHC	Env. Eng.
1	PH		6.89	pH	Env. Eng.
1	PH		6.89	pH	Env. Eng.
1	PH		6.96	pH	Env. Eng.
1	PH		6.99	pH	Env. Eng.
1	PH		7.12	pH	Env. Eng.
1	PH		7.07	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		14	ug/l	Env. Eng.

CONTINUED

WELL AMB 7 COLLECTED ON 03/21/89 LABORATORY ANALYSES CONTINUED

0	CALCIUM		4020	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	CHLORIDE		2700	ug/l	Env. Eng.
0	CHLORIDE		2800	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		100	ug/l	Env. Eng.
0	IRON		139	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
1	POTASSIUM		8430	ug/l	Env. Eng.
0	MAGNESIUM		603	ug/l	Env. Eng.
1	MANGANESE		43	ug/l	Env. Eng.
1	SODIUM		63000	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	3	ug/l	Env. Eng.
1	SILICA		8870	ug/l	Env. Eng.
0	SULFATE		8100	ug/l	Env. Eng.
0	SULFATE		8000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL DISSOLVED SOLIDS		154000	ug/l	Env. Eng.
2	TOTAL ORGANIC CARBON		29400	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		2200	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		2000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1800	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		2600	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		9	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		10	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		16	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		64	ug/l	Env. Eng.
1	TRICHLOROETHYLENE		1.06	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	2	ug/l	M-Area,SRS
1	1,1,1-TRICHLOROETHANE		4	ug/l	M-Area,SRS
0	GROSS ALPHA		4.45+-2.08	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		7.07+-1.73	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.84+-0.69	pCi/l	Rad. Meas.
0	TRITIUM	LT	1	pCi/ml	Rad. Meas.

WELL AOB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/07/89 Time 1420
Depth to water = 104.75 ft (31.93 m) below the TOC
Water elevation = 238.35 ft (72.04 m) msl
pH = 4.8 Alkalinity = 0 mg/L
Specific Conductance = 39 umhos/cm
Water Temperature = 20.1 degrees Celsius
Water evacuated from the well prior to sampling = 46 gal

LABORATORY ANALYSES

0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	M-Area,SRS
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	IRON		26	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		74.0	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		94.3	ug/l	M-Area,SRS
0	TOTAL ORGANIC CARBON		2100	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		170	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		67.6	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		94.7	ug/l	M-Area,SRS
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	M-Area,SRS
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.

WELL AOB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/07/89 Time 1500
Depth to water = 108.39 ft (33.04 m) below the TOC
Water elevation = 237.01 ft (72.24 m) msl
pH = 4.8 Alkalinity = 0 mg/L
Specific Conductance = 25 umhos/cm
Water Temperature = 20.5 degrees Celsius
Water evacuated from the well prior to sampling = 44 gal

LABORATORY ANALYSES

0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	IRON		44	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		1.43	ug/l	M-Area,SRS
0	TOTAL ORGANIC CARBON		4400	ug/l	Env. Eng.

CONTINUED

WELL ASB 2 COLLECTED ON 01/07/89 LABORATORY ANALYSES CONTINUED

0	TOTAL ORGANIC HALOGENS	LT	5 ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00 ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00 ug/l	Env. Eng.
1	TRICHLOROETHYLENE		1.03 ug/l	M-Area,SRS
0	TOXAPHENE	LT	1 ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	1 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	M-Area,SRS
0	TOTAL RADIUM	LT	1 pCi/l	Rad. Meas.

WELL ARP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/01/89 Time 1020
pH = 4.8 Alkalinity = 1 mg/L
Specific Conductance = 38 umhos/cm
Water Temperature = 19.2 degrees Celsius
Water evacuated from the well prior to sampling = 53 gal

LABORATORY ANALYSES

0	CARBON TETRACHLORIDE	LT	1.00 ug/l	Env. Eng.
1	CHLOROFORM		2 ug/l	Env. Eng.
1	CHLOROFORM		3 ug/l	M-Area,SRS
0	CHLORIDE		3900 ug/l	Env. Eng.
0	NICKEL	LT	4 ug/l	Env. Eng.
0	LEAD		7 ug/l	Env. Eng.
0	SULFATE	LT	5000 ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		1.12 ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		2.47 ug/l	M-Area,SRS
1	TOTAL ORGANIC HALOGENS		17 ug/l	Env. Eng.
2	TRICHLOROETHYLENE		5.47 ug/l	Env. Eng.
2	TRICHLOROETHYLENE		8.52 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	M-Area,SRS
0	GROSS ALPHA		2.32+-1.02 pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1 pCi/l	Rad. Meas.

WELL ARP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/01/89 Time 1050
Depth to water = 120.14 ft (36.62 m) below the TOC
Water elevation = 217.16 ft (66.19 m) msl
pH = 4.8 Alkalinity = 1 mg/L
Specific Conductance = 20 umhos/cm
Water Temperature = 18.7 degrees Celsius
Water evacuated from the well prior to sampling = 70 gal

LABORATORY ANALYSES

0	CARBON TETRACHLORIDE	LT	1.00 ug/l	Env. Eng.
0	CHLOROFORM	LT	1 ug/l	Env. Eng.
0	CHLOROFORM	LT	1 ug/l	M-Area,SRS
0	NICKEL	LT	4 ug/l	Env. Eng.
0	LEAD	LT	6 ug/l	Env. Eng.
0	SULFATE	LT	5000 ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		1.18 ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		2.76 ug/l	M-Area,SRS
0	TOTAL ORGANIC HALOGENS		6 ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00 ug/l	Env. Eng.
1	TRICHLOROETHYLENE		2.13 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	M-Area,SRS
0	GROSS ALPHA		1.27+-0.85 pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1 pCi/l	Rad. Meas.

WELL ARP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/01/89 Time 1050
Depth to water = 120.14 ft (36.62 m) below the TOC
Water elevation = 217.16 ft (66.19 m) msl
pH = 4.8 Alkalinity = 1 mg/L
Specific Conductance = 20 umhos/cm
Water Temperature = 18.7 degrees Celsius
Water evacuated from the well prior to sampling = 70 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1 ug/l	M-Area,SRS
1	TETRACHLOROETHYLENE		2.66 ug/l	M-Area,SRS
1	TRICHLOROETHYLENE		2.47 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	M-Area,SRS

WELL ARP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/01/89 Time 1120
Depth to water = 120.82 ft (36.83 m) below the TOC
Water elevation = 218.98 ft (66.75 m) msl
pH = 4.4 Alkalinity = 0 mg/L
Specific Conductance = 23 umhos/cm
Water Temperature = 19.0 degrees Celsius
Water evacuated from the well prior to sampling = 80 gal

LABORATORY ANALYSES

0	CARBON TETRACHLORIDE	LT	1.00 ug/l	Env. Eng.
0	CHLOROFORM	LT	1 ug/l	Env. Eng.
0	CHLOROFORM	LT	5 ug/l	M-Area,SRS
0	CHLORIDE		2900 ug/l	Env. Eng.
0	NICKEL	LT	4 ug/l	Env. Eng.
0	LEAD		11 ug/l	Env. Eng.
0	SULFATE	LT	5000 ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		29.0 ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		28.5 ug/l	M-Area,SRS
2	TOTAL ORGANIC HALOGENS		323 ug/l	Env. Eng.
2	TRICHLOROETHYLENE		337 ug/l	Env. Eng.
2	TRICHLOROETHYLENE		490 ug/l	M-Area,SRS
1	TRANS-1,2-DICHLOROETHENE		52 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	5 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5 ug/l	M-Area,SRS
0	GROSS ALPHA		3.45+-1.06 pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1 pCi/l	Rad. Meas.

WELL ARP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/01/89 Time 945
Depth to water = 131.86 ft (40.19 m) below the TOC
Water elevation = 218.94 ft (66.00 m) msl
pH = 4.7 Alkalinity = 0 mg/L
Specific Conductance = 37 umhos/cm
Water Temperature = 18.8 degrees Celsius
Water evacuated from the well prior to sampling = 49 gal

LABORATORY ANALYSES

0	CARBON TETRACHLORIDE	LT	1.00 ug/l	Env. Eng.
0	CHLOROFORM	LT	1 ug/l	Env. Eng.
0	CHLOROFORM	LT	1 ug/l	M-Area,SRS
0	CHLORIDE		2900 ug/l	Env. Eng.
0	NICKEL	LT	4 ug/l	Env. Eng.
0	LEAD		7 ug/l	Env. Eng.
0	SULFATE	LT	5000 ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00 ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00 ug/l	M-Area,SRS
0	TOTAL ORGANIC HALOGENS	LT	5 ug/l	Env. Eng.
1	TRICHLOROETHYLENE		1.13 ug/l	Env. Eng.
2	TRICHLOROETHYLENE		2.54 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	M-Area,SRS
0	GROSS ALPHA		1.72+-0.88 pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1 pCi/l	Rad. Meas.

WELL ASB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/26/89 Time 1340
pH = 5.2 Alkalinity = 0 mg/L
Specific Conductance = 57 umhos/cm
Water Temperature = 19.7 degrees Celsius
Water evacuated from the well prior to sampling = 50 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		54.10 UMHO	Env. Eng.
0	PH		5.40 pH	Env. Eng.
0	SILVER	LT	2 ug/l	Env. Eng.
0	ARSENIC	LT	2 ug/l	Env. Eng.
0	BARIUM		6 ug/l	Env. Eng.
0	CALCIUM		958 ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00 ug/l	Env. Eng.
0	CADMIUM	LT	2 ug/l	Env. Eng.
0	CHLOROFORM	LT	1 ug/l	Env. Eng.
0	CHLOROFORM	LT	1 ug/l	M-Area,SRS
0	CHLORIDE		8100 ug/l	Env. Eng.
0	CHROMIUM	LT	4 ug/l	Env. Eng.
0	COPPER		19 ug/l	Env. Eng.
0	FLUORIDE	LT	100 ug/l	Env. Eng.
0	IRON		33 ug/l	Env. Eng.
0	MERCURY	LT	0.20 ug/l	Env. Eng.
0	POTASSIUM	LT	500 ug/l	Env. Eng.
0	MAGNESIUM		332 ug/l	Env. Eng.
1	MANGANESE		36 ug/l	Env. Eng.
1	SODIUM		8600 ug/l	Env. Eng.
0	NICKEL	LT	4 ug/l	Env. Eng.
0	NITRATE AS NITROGEN		186 ug/l	Env. Eng.
0	LEAD	LT	6 ug/l	Env. Eng.
0	PHENOLS	LT	5 ug/l	Env. Eng.
0	SELENIUM	LT	2 ug/l	Env. Eng.
1	SILICA		3820 ug/l	Env. Eng.

CONTINUED

WELL ASB 1A COLLECTED ON 03/28/89 LABORATORY ANALYSES CONTINUED

0	SULFATE		9100	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		3.75	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		2.33	ug/l	M-Area,SRS
0	TOTAL DISSOLVED SOLIDS		18000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1100	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
1	TRICHLOROETHYLENE		1.38	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	GROSS ALPHA		3.35+-1.01	pCi/l	Rad. Meas.
1	AMERICIUM 241		0.11+-0.07	pCi/l	Tel. Iso.
0	BARIUM 140	LT	9	pCi/l	Tel. Iso.
0	NONVOLATILE BETA		3.05+-0.99	pCi/l	Rad. Meas.
0	BERYLLIUM 7	LT	50	pCi/l	Tel. Iso.
0	CERIUM 141	LT	10	pCi/l	Tel. Iso.
0	CERIUM 144		0.00+-0.14	pCi/ml	HP, 735A
0	CERIUM 144	LT	50	pCi/l	Tel. Iso.
1	CURIUM 242		0.63+-0.52	pCi/l	Tel. Iso
0	CURIUM 243/244	LT	0.30	pCi/l	Tel. Iso.
0	COBALT 58	LT	5	pCi/l	Tel. Iso.
0	COBALT 60		0.00+-0.02	pCi/ml	HP, 735A
0	COBALT 60	LT	6	pCi/l	Tel. Iso.
0	CHROMIUM 51		0.00+-0.22	pCi/ml	HP, 735A
0	CESIUM 134		0.00+-0.02	pCi/ml	HP, 735A
0	CESIUM 134	LT	6	pCi/l	Tel. Iso.
0	CESIUM 137		0.00+-0.02	pCi/ml	HP, 735A
0	CESIUM 137	LT	5	pCi/l	Tel. Iso.
0	IRON 59	LT	10	pCi/l	Tel. Iso.
0	IODINE 131		0.00+-0.09	pCi/ml	HP, 735A
0	IODINE 131	LT	10	pCi/l	Tel. Iso.
0	POTASSIUM 40	LT	100	pCi/l	Tel. Iso.
0	MANGANESE 54	LT	5	pCi/l	Tel. Iso.
1	PLUTONIUM 238		0.35+-0.12	pCi/l	Tel. Iso.
1	PLUTONIUM 239/240		0.15+-0.08	pCi/l	Tel. Iso.
0	RADIUM 226	LT	100	pCi/l	Tel. Iso.
1	RADIUM 226		1.20+-0.60	pCi/l	Tel. Iso.
1	RADIUM 228		1.20+-0.70	pCi/l	Tel. Iso.
0	RUTHENIUM 103		0.00+-0.02	pCi/ml	HP, 735A
0	RUTHENIUM 103	LT	6	pCi/l	Tel. Iso.
0	RUTHENIUM 106		0.00+-0.16	pCi/ml	HP, 735A
0	RUTHENIUM 106	LT	50	pCi/l	Tel. Iso.
0	ANTIMONY 125		0.00+-0.05	pCi/ml	HP, 735A
0	STRONTIUM 89	LT	3	pCi/l	Tel. Iso.
0	STRONTIUM 90	LT	1	pCi/l	Tel. Iso.
0	THORIUM 228	LT	10	pCi/l	Tel. Iso.
0	TOTAL RADIUM		1.82+-0.79	pCi/l	Rad. Meas.
0	TRITIUM		0.51+-0.21	pCi/ml	Rad. Meas.
0	URANIUM 234	LT	1	pCi/l	Tel. Iso.
0	URANIUM 235	LT	0.40	pCi/l	Tel. Iso.
0	ZINC 65	LT	10	pCi/l	Tel. Iso.
0	ZIRCONIUM/NIOBIUM 95		0.00+-0.04	pCi/ml	HP, 735A
0	ZIRCONIUM 95	LT	5	pCi/l	Tel. Iso.

WELL ASB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/13/89 Time 1315
Depth to water = 111.44 ft (33.97 m) below the TOC
Water elevation = 237.56 ft (72.41 m) msl
pH = 5.6 Alkalinity = 9 mg/L
Specific Conductance = 90 umh s/cm
Water Temperature = 18.6 degrees Celsius
Water evacuated from the well prior to sampling = 81 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		78.00	UMHC	Env. Lab.
0	SPECIFIC CONDUCTANCE		84.10	UMHC	W. A.
0	SPECIFIC CONDUCTANCE		79.50	UMHC	Env. Eng.
0	PH		5.70	pH	Env. Lab.
0	PH		5.80	pH	W. A.
0	PH		5.38	pH	Env. Eng.
0	SILVER	LT	10	ug/l	Env. Lab.
0	SILVER	LT	10	ug/l	W. A.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	200	ug/l	W. A.
0	ARSENIC	LT	5	ug/l	Env. Lab.
0	ARSENIC	LT	10	ug/l	W. A.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	100	ug/l	Env. Lab.
0	BARIUM	LT	200	ug/l	W. A.
0	BARIUM		11	ug/l	Env. Eng.
0	BERYLLIUM	LT	5	ug/l	W. A.
0	BROMODICHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	CALCIUM		2500	ug/l	Env. Lab.
0	CALCIUM	LT	5000	ug/l	W. A.
0	CALCIUM		2370	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	1	ug/l	Env. Lab.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Lab.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	W. A.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	10	ug/l	Env. Lab.
0	CADMIUM	LT	5	ug/l	W. A.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	1	ug/l	Env. Lab.
0	CHLOROFORM	LT	1	ug/l	Env. Lab.
0	CHLOROFORM	LT	1	ug/l	W. A.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
1	METHYLENE CHLORIDE		3	ug/l	Env. Lab.
0	BROMOMETHANE	LT	1	ug/l	Env. Lab.

CONTINUED

WELL ASB 2A COLLECTED ON 03/13/89 LABORATORY ANALYSES CONTINUED

0	CHLOROMETHANE	LT	1	ug/l	Env. Lab
0	CHLORIDE		7000	ug/l	Env. Lab
1	CHLORIDE		11700	ug/l	W. A.
0	CHLORIDE		7400	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	COBALT	LT	50	ug/l	W. A.
0	CHROMIUM	LT	50	ug/l	Env. Lab.
0	CHROMIUM	LT	10	ug/l	W. A.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	20	ug/l	Env. Lab.
0	COPPER	LT	25	ug/l	W. A.
0	COPPER	LT	4	ug/l	Env. Eng
0	CHLOROETHENE	LT	1	ug/l	Env. Lab.
0	CHLOROETHANE	LT	1	ug/l	Env. Lab
0	BENZENE	LT	1	ug/l	Env. Lab
0	DIBROMOCHLOROMETHANE	LT	1	ug/l	Env. Lab
0	ETHYLBENZENE	LT	1	ug/l	Env. Lab
0	FLUORIDE	LT	100	ug/l	Env. Lab.
0	FLUORIDE	LT	100	ug/l	W. A.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		70	ug/l	Env. Lab
0	IRON	LT	100	ug/l	W. A.
0	IRON		46	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Lab.
0	MERCURY	LT	0.20	ug/l	W. A.
0	MERCURY	LT	0.20	ug/l	Env. Eng
0	POTASSIUM	LT	1000	ug/l	Env. Lab
0	POTASSIUM	LT	5000	ug/l	W. A
0	POTASSIUM	LT	500	ug/l	Env. Eng
0	LITHIUM	LT	50	ug/l	W. A.
0	TOLUENE	LT	1	ug/l	Env. Lab
0	MAGNESIUM		590	ug/l	Env. Lab
0	MAGNESIUM	LT	5000	ug/l	W. A
0	MAGNESIUM		579	ug/l	Env. Eng
0	MANGANESE	LT	20	ug/l	Env. Lab.
1	MANGANESE		28	ug/l	W. A
0	MANGANESE		10	ug/l	Env. Eng
1	SODIUM		12000	ug/l	Env. Lab
1	SODIUM		13300	ug/l	W. A
1	SODIUM		12600	ug/l	Env. Eng.
0	NICKEL	LT	50	ug/l	Env. Lab
0	NICKEL	LT	40	ug/l	W. A.
0	NICKEL	LT	4	ug/l	Env. Eng
0	NITRATE AS NITROGEN		200	ug/l	Env. Lab
0	NITRATE AS NITROGEN		190	ug/l	W. A.
0	NITRATE AS NITROGEN		170	ug/l	Env. Eng
0	LEAD	LT	100	ug/l	Env. Lab
0	LEAD		5	ug/l	W. A.
0	LEAD	LT	6	ug/l	Env. Eng
0	PHENOLS	LT	5	ug/l	Env. Lab.
0	PHENOLS	LT	5	ug/l	W. A.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	60	ug/l	W. A.
0	SELENIUM	LT	10	ug/l	Env. Lab.
0	SELENIUM	LT	5	ug/l	W. A.
0	SELENIUM	LT	2	ug/l	Env. Eng
1	SILICA		3060	ug/l	Env. Lab.
1	SILICA		1440	ug/l	W. A.
1	SILICA		3280	ug/l	Env. Eng
0	TIN	LT	100	ug/l	W. A.
1	SULFATE		14000	ug/l	Env. Lab
1	SULFATE		13200	ug/l	W. A.
1	SULFATE		13400	ug/l	Env. Eng
0	1,1,2,2-TETRACHLOROETHANE	LT	1	ug/l	Env. Lab
1	TETRACHLOROETHYLENE		2.40	ug/l	Env. Lab
1	TETRACHLOROETHYLENE		2.00	ug/l	W. A.
1	TETRACHLOROETHYLENE		2.08	ug/l	Env. Eng
1	TETRACHLOROETHYLENE		3.36	ug/l	M-Area,SRS
0	TOTAL DISSOLVED SOLIDS		68000	ug/l	Env. Lab
0	TOTAL DISSOLVED SOLIDS		44000	ug/l	W. A.
0	TOTAL DISSOLVED SOLIDS		44000	ug/l	W. A.
0	TOTAL DISSOLVED SOLIDS		40000	ug/l	Env. Eng.
0	THALLIUM	LT	10	ug/l	W. A
0	TOTAL ORGANIC CARBON	LT	5000	ug/l	Env. Lab
0	TOTAL ORGANIC CARBON		620	ug/l	W. A.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng
0	TOTAL ORGANIC HALOGENS	LT	10	ug/l	Env. Lab
0	TOTAL ORGANIC HALOGENS	LT	20	ug/l	W. A
0	TOTAL ORGANIC HALOGENS		8	ug/l	Env. Eng
0	TOTAL PHOSPHATES	LT	10	ug/l	Env. Lab
0	TOTAL PHOSPHATES	LT	50	ug/l	W. A
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng
1	TRICHLOROETHYLENE		1.70	ug/l	Env. Lab
0	TRICHLOROETHYLENE	LT	1.00	ug/l	W. A
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	Env. Lab
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	W. A
0	VANADIUM	LT	50	ug/l	W. A
0	XYLENES	LT	1	ug/l	Env. Lab
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	Env. Lab
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	1	ug/l	Env. Lab
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Lab
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	W. A.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	1	ug/l	Env. Lab
0	1,2-DICHLOROBENZENE	LT	1	ug/l	Env. Lab
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Lab
0	1,2-DICHLOROPROPANE	LT	1	ug/l	Env. Lab
0	1,3-DICHLOROBENZENE	LT	1	ug/l	Env. Lab
0	CIS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab
0	TRANS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab
0	1,4-DICHLOROBENZENE	LT	1	ug/l	Env. Lab
0	2-CHLOROETHYLVINYL ETHER	LT	1	ug/l	Env. Lab
0	ZINC	LT	20	ug/l	W. A
0	GROSS ALPHA		3.29+-1.39	pCi/l	Env. Lab

CONTINUED

WELL ASB 2A COLLECTED ON 03/13/89 LABORATORY ANALYSES CONTINUED

1	GROSS ALPHA		8.00+-2.00	pCi/l	W. A.
1	GROSS ALPHA		5.12+-1.29	pCi/l	Rad. Meas.
0	AMERICIUM 241	LT	0.80	pCi/l	Tel. Iso.
0	BARIUM 140	LT	10	pCi/l	Tel. Iso.
0	NONVOLATILE BETA		2.30+-1.31	pCi/l	Env. Lab.
0	NONVOLATILE BETA		4.00+-3.00	pCi/l	W. A.
0	NONVOLATILE BETA		2.95+-0.93	pCi/l	Rad. Meas.
0	BERYLLIUM 7	LT	50	pCi/l	Tel. Iso.
0	CERIUM 141	LT	10	pCi/l	Tel. Iso.
0	CERIUM 144		0.00+-0.14	pCi/ml	HP, 735A
0	CERIUM 144	LT	40	pCi/l	Tel. Iso.
0	CURIUM 242	LT	0.80	pCi/l	Tel. Iso.
0	CURIUM 246	LT	0.80	pCi/l	Tel. Iso.
0	CURIUM 243/244	LT	1	pCi/l	Tel. Iso.
0	COBALT 58	LT	5	pCi/l	Tel. Iso.
0	COBALT 60		0.00+-0.02	pCi/ml	HP, 735A
0	COBALT 60	LT	6	pCi/l	Tel. Iso.
0	CHROMIUM 51		0.00+-0.21	pCi/ml	HP, 735A
0	CESIUM 134		0.00+-0.02	pCi/ml	HP, 735A
0	CESIUM 134	LT	5	pCi/l	Tel. Iso.
0	CESIUM 137		0.00+-0.02	pCi/ml	HP, 735A
0	CESIUM 137	LT	5	pCi/l	Tel. Iso.
0	IRON 59	LT	10	pCi/l	Tel. Iso.
0	IODINE 131		0.00+-0.09	pCi/ml	HP, 735A
0	IODINE 131	LT	10	pCi/l	Tel. Iso.
0	POTASSIUM 40	LT	90	pCi/l	Tel. Iso.
0	MANGANESE 54	LT	5	pCi/l	Tel. Iso.
0	PLUTONIUM 238	LT	1	pCi/l	Tel. Iso.
1	PLUTONIUM 239/240		1.60+-0.90	pCi/l	Tel. Iso.
0	RADIUM 226	LT	100	pCi/l	Tel. Iso.
1	RADIUM 226		2.70+-0.70	pCi/l	Tel. Iso.
1	RADIUM 228		1.40+-0.30	pCi/l	Tel. Iso.
0	RUTHENIUM 103		0.00+-0.02	pCi/ml	HP, 735A
0	RUTHENIUM 103	LT	6	pCi/l	Tel. Iso.
0	RUTHENIUM 106		0.00+-0.16	pCi/ml	HP, 735A
0	RUTHENIUM 106	LT	40	pCi/l	Tel. Iso.
0	ANTIMONY 125		0.00+-0.05	pCi/ml	HP, 735A
0	STRONTIUM 89	LT	2	pCi/l	Tel. Iso.
0	STRONTIUM 89/90		1.26+-3.93	pCi/l	HP, 735A
0	STRONTIUM 90	LT	0.70	pCi/l	Tel. Iso.
0	THORIUM 228	LT	10	pCi/l	Tel. Iso.
0	TOTAL RADIUM		1.93+-0.38	pCi/l	Env. Lab.
0	TOTAL RADIUM		1.10+-0.40	pCi/l	W. A.
1	TOTAL RADIUM		2.88+-0.95	pCi/l	Rad. Meas.
0	TRITIUM		1.46+-0.53	pCi/ml	Env. Lab.
0	TRITIUM		2.00+-0.60	pCi/ml	W. A.
0	TRITIUM		1.40+-0.22	pCi/ml	Rad. Meas.
1	URANIUM AND/OR PLUTONIUM		0.44+-0.87	pCi/l	HP, 735A
0	URANIUM 234	LT	2	pCi/l	Tel. Iso.
0	URANIUM 235	LT	1	pCi/l	Tel. Iso.
0	ZINC 65	LT	10	pCi/l	Tel. Iso.
0	ZIRCONIUM/NIOBIUM 95		0.00+-0.04	pCi/ml	HP, 735A
0	ZIRCONIUM 95	LT	5	pCi/l	Tel. Iso.

WELL ASB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/13/89 Time 1315
Depth to water = 111.44 ft (33.97 m) below the TOC
Water elevation = 237.56 ft (72.41 m) msl
pH = 5.6 Alkalinity = 9 mg/L
Specific Conductance = 90 umhos/cm
Water Temperature = 18.6 degrees Celsius
Water evacuated from the well prior to sampling = 81 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		77.90	UMHC	Env. Eng.
0	PH		5.37	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		11	ug/l	Env. Eng.
0	CALCIUM		2420	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	CHLORIDE		7600	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		71	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	MAGNESIUM		590	ug/l	Env. Eng.
0	MANGANESE		11	ug/l	Env. Eng.
1	SODIUM		12000	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		149	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		3260	ug/l	Env. Eng.
1	SILICA		3280	ug/l	Env. Eng.
1	SULFATE		13400	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		2.54	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		1.45	ug/l	M-Area,SRS
0	TOTAL DISSOLVED SOLIDS		44000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		6	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
1	TRICHLOROETHYLENE		1.37	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS

CONTINUED

WELL ASB 2A COLLECTED ON 03/13/89 LABORATORY ANALYSES CONTINUED

0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	GROSS ALPHA		3.56+-1.12	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.48+-1.00	pCi/l	Rad. Meas.
1	TOTAL RADIUM		2.95+-0.86	pCi/l	Rad. Meas.
0	TRITIUM		1.16+-0.22	pCi/ml	Rad. Meas.

WELL ASB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/27/89 Time 1810
Depth to water = 107.39 ft (32.73 m) below the TOC
Water elevation = 237.61 ft (72.42 m) msl
pH = 5.3 Alkalinity = 7 mg/L
Specific Conductance = 43 umhos/cm
Water Temperature = 18.7 degrees Celsius
Water evacuated from the well prior to sampling = 83 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		46.80	UMHC	Env. Eng.
0	PH		5.73	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		19	ug/l	Env. Eng.
0	CALCIUM		4050	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	CHLORIDE		4800	ug/l	Env. Eng.
0	CHLORIDE		4900	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		4	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		71	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	MAGNESIUM		648	ug/l	Env. Eng.
0	MANGANESE		5	ug/l	Env. Eng.
0	SODIUM		4050	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		364	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		363	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		9810	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL DISSOLVED SOLIDS		32000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		30000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		2300	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		22	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		29	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	GROSS ALPHA		3.44+-1.00	pCi/l	Rad. Meas.
1	AMERICIUM 241		0.10+-0.07	pCi/l	Tel. Iso.
0	BARIUM 140	LT	10	pCi/l	Tel. Iso.
0	NONVOLATILE BETA		3.17+-0.96	pCi/l	Rad. Meas.
0	BERYLLIUM 7	LT	50	pCi/l	Tel. Iso.
0	CERIUM 141	LT	10	pCi/l	Tel. Iso.
0	CERIUM 144		0.00+-0.13	pCi/ml	HP, 735A
0	CERIUM 144	LT	50	pCi/l	Tel. Iso.
0	CURIUM 242	LT	0.08	pCi/l	Tel. Iso.
1	CURIUM 243/244		0.40+-0.11	pCi/l	Tel. Iso.
0	COBALT 58	LT	5	pCi/l	Tel. Iso.
0	COBALT 60		0.00+-0.02	pCi/ml	HP, 735A
0	COBALT 60	LT	6	pCi/l	Tel. Iso.
0	CHROMIUM 51		0.00+-0.22	pCi/ml	HP, 735A
0	CESIUM 134		0.00+-0.02	pCi/ml	HP, 735A
0	CESIUM 134	LT	6	pCi/l	Tel. Iso.
0	CESIUM 137		0.00+-0.02	pCi/ml	HP, 735A
0	CESIUM 137	LT	6	pCi/l	Tel. Iso.
0	IRON 59	LT	10	pCi/l	Tel. Iso.
0	IODINE 131		0.00+-0.08	pCi/ml	HP, 735A
0	IODINE 131	LT	20	pCi/l	Tel. Iso.
0	POTASSIUM 40	LT	100	pCi/l	Tel. Iso.
0	MANGANESE 54	LT	5	pCi/l	Tel. Iso.
1	PLUTONIUM 238		0.93+-0.28	pCi/l	Tel. Iso.
1	PLUTONIUM 239/240		0.22+-0.14	pCi/l	Tel. Iso.
0	RADIUM 226	LT	100	pCi/l	Tel. Iso.
1	RADIUM 226		2.20+-0.70	pCi/l	Tel. Iso.
1	RADIUM 228		2.20+-1.00	pCi/l	Tel. Iso.
0	RUTHENIUM 103		0.00+-0.02	pCi/ml	HP, 735A
0	RUTHENIUM 103	LT	6	pCi/l	Tel. Iso.
0	RUTHENIUM 106		0.00+-0.16	pCi/ml	HP, 735A
0	RUTHENIUM 106	LT	40	pCi/l	Tel. Iso.
0	ANTIMONY 125		0.00+-0.05	pCi/ml	HP, 735A
0	STRONTIUM 89	LT	3	pCi/l	Tel. Iso.
0	STRONTIUM 90	LT	1	pCi/l	Tel. Iso.

CONTINUED

WELL ASB 3A COLLECTED ON 03/27/89 LABORATORY ANALYSES CONTINUED

0	THORIUM 228	LT	10	pCi/l	Tel. Iso.
0	TOTAL RADIUM		1.47+-1.31	pCi/l	Rad. Meas.
0	TRITIUM		0.42+-0.21	pCi/ml	Rad. Meas.
1	URANIUM 234		0.93+-0.25	pCi/l	Tel. Iso.
0	URANIUM 235	LT	0.06	pCi/l	Tel. Iso.
0	ZINC 65	LT	10	pCi/l	Tel. Iso.
0	ZIRCONIUM/NIOBIUM 95		0.00+-0.04	pCi/ml	HP, 735A
0	ZIRCONIUM 95	LT	5	pCi/l	Tel. Iso.

WELL ASB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/26/89 Time 1130
Depth to water = 99.02 ft (30.18 m) below the TOC
Water elevation = 236.58 ft (72.11 m) msl
pH = 5.6 Alkalinity = 5 mg/L
Specific Conductance = 40 umhos/cm
Water Temperature = 20.4 degrees Celsius
Water evacuated from the well prior to sampling = 27 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		39.80	UMHC	Env. Eng.
0	PH		5.51	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		10	ug/l	Env. Eng.
0	CALCIUM		980	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	CHLORIDE		3500	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		6	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		62	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		603	ug/l	Env. Eng.
0	MAGNESIUM		638	ug/l	Env. Eng.
0	MANGANESE		2	ug/l	Env. Eng.
0	SODIUM		4340	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		412	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		5560	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL DISSOLVED SOLIDS		20000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1100	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
1	TRICHLOROETHYLENE		1.59	ug/l	Env. Eng.
1	TRICHLOROETHYLENE		1.12	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	GROSS ALPHA		2.26+-0.86	pCi/l	Rad. Meas.
0	AMERICIUM 241	LT	0.50	pCi/l	Tel. Iso.
0	BARIUM 140	LT	7	pCi/l	Tel. Iso.
0	NONVOLATILE BETA		1.89+-0.90	pCi/l	Rad. Meas.
0	BERYLLIUM 7	LT	30	pCi/l	Tel. Iso.
0	CERIUM 141	LT	8	pCi/l	Tel. Iso.
0	CERIUM 144		0.00+-0.13	pCi/ml	HP, 735A
0	CERIUM 144	LT	30	pCi/l	Tel. Iso.
0	CURIUM 242	LT	0.40	pCi/l	Tel. Iso.
0	CURIUM 243/244	LT	0.30	pCi/l	Tel. Iso.
0	COBALT 58	LT	4	pCi/l	Tel. Iso.
0	COBALT 60		0.00+-0.02	pCi/ml	HP, 735A
0	COBALT 60	LT	4	pCi/l	Tel. Iso.
0	CHROMIUM 51		0.00+-0.22	pCi/ml	HP, 735A
0	CESIUM 134		0.00+-0.02	pCi/ml	HP, 735A
0	CESIUM 134	LT	4	pCi/l	Tel. Iso.
0	CESIUM 137		0.00+-0.02	pCi/ml	HP, 735A
0	CESIUM 137	LT	4	pCi/l	Tel. Iso.
0	IRON 59	LT	8	pCi/l	Tel. Iso.
0	IODINE 131		0.00+-0.08	pCi/ml	HP, 735A
0	IODINE 131	LT	8	pCi/l	Tel. Iso.
0	POTASSIUM 40	LT	60	pCi/l	Tel. Iso.
0	MANGANESE 54	LT	3	pCi/l	Tel. Iso.
0	PLUTONIUM 238	LT	0.70	pCi/l	Tel. Iso.
0	PLUTONIUM 239/240	LT	0.40	pCi/l	Tel. Iso.
0	RADIUM 226	LT	80	pCi/l	Tel. Iso.
1	RADIUM 226		1.90+-0.60	pCi/l	Tel. Iso.
0	RADIUM 228	LT	1	pCi/l	Tel. Iso.
0	RUTHENIUM 103		0.00+-0.02	pCi/ml	HP, 735A
0	RUTHENIUM 103	LT	4	pCi/l	Tel. Iso.
0	RUTHENIUM 106		0.00+-0.15	pCi/ml	HP, 735A
0	RUTHENIUM 106	LT	30	pCi/l	Tel. Iso.
0	ANTIMONY 125		0.00+-0.05	pCi/ml	HP, 735A
0	STRONTIUM 89	LT	4	pCi/l	Tel. Iso.
0	STRONTIUM 90	LT	1	pCi/l	Tel. Iso.
0	THORIUM 228	LT	7	pCi/l	Tel. Iso.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM	LT	1	pCi/ml	Rad. Meas.
0	URANIUM 234	LT	2	pCi/l	Tel. Iso.
0	URANIUM 235	LT	1	pCi/l	Tel. Iso.
0	ZINC 65	LT	8	pCi/l	Tel. Iso.

CONTINUED

WELL ASB 4 COLLECTED ON 03/26/89 LABORATORY ANALYSES CONTINUED

0	ZIRCONIUM/NIOBIUM 95		0.00+-0.03	pCi/ml	HP, 735A
0	ZIRCONIUM 95	LT	4	pCi/l	Tel. Iso.

WELL ASB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/26/89 Time 1130
Depth to water = 99.02 ft (30.18 m) below the TOC
Water elevation = 236.58 ft (72.11 m) msl
pH = 5.6 Alkalinity = 5 mg/L
Specific Conductance = 40 umhos/cm
Water Temperature = 20.4 degrees Celsius
Water evacuated from the well prior to sampling = 27 gal

LABORATORY ANALYSES

1	AMERICIUM 241		0.32+-0.10	pCi/l	Tel. Iso.
0	BARIUM 140	LT	5	pCi/l	Tel. Iso.
0	BERYLLIUM 7	LT	20	pCi/l	Tel. Iso.
0	CERIUM 141	LT	5	pCi/l	Tel. Iso.
0	CERIUM 144	LT	20	pCi/l	Tel. Iso.
0	CURIUM 242	LT	0.10	pCi/l	Tel. Iso.
1	CURIUM 243/244		0.37+-0.14	pCi/l	Tel. Iso.
0	COBALT 58	LT	2	pCi/l	Tel. Iso.
0	COBALT 60	LT	2	pCi/l	Tel. Iso.
0	CESIUM 134	LT	3	pCi/l	Tel. Iso.
0	CESIUM 137	LT	2	pCi/l	Tel. Iso.
0	IRON 59	LT	6	pCi/l	Tel. Iso.
0	IODINE 131	LT	5	pCi/l	Tel. Iso.
0	POTASSIUM 40	LT	40	pCi/l	Tel. Iso.
0	MANGANESE 54	LT	2	pCi/l	Tel. Iso.
1	PLUTONIUM 236		0.54+-0.14	pCi/l	Tel. Iso.
1	PLUTONIUM 239/240		0.17+-0.08	pCi/l	Tel. Iso.
0	RADIUM 226	LT	60	pCi/l	Tel. Iso.
1	RADIUM 226		1.40+-0.50	pCi/l	Tel. Iso.
0	RADIUM 228	LT	1	pCi/l	Tel. Iso.
0	RUTHENIUM 103	LT	3	pCi/l	Tel. Iso.
0	RUTHENIUM 106	LT	20	pCi/l	Tel. Iso.
0	STRONTIUM 89	LT	4	pCi/l	Tel. Iso.
0	STRONTIUM 90	LT	1	pCi/l	Tel. Iso.
0	THORIUM 228	LT	5	pCi/l	Tel. Iso.
0	URANIUM 234	LT	2	pCi/l	Tel. Iso.
0	URANIUM 235	LT	0.90	pCi/l	Tel. Iso.
0	ZINC 65	LT	6	pCi/l	Tel. Iso.
0	ZIRCONIUM 95	LT	2	pCi/l	Tel. Iso.

WELL ASB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/26/89 Time 1515
Depth to water = 108.29 ft (33.01 m) below the TOC
Water elevation = 236.71 ft (72.15 m) msl
pH = 5.4 Alkalinity = 2 mg/L
Specific Conductance = 39 umhos/cm
Water Temperature = 19.0 degrees Celsius
Water evacuated from the well prior to sampling = 49 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		40.10	UMHC	Env. Eng.
0	PH		5.44	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		13	ug/l	Env. Eng.
0	CALCIUM		1760	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	CHLORIDE		5200	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		101	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	MAGNESIUM		827	ug/l	Env. Eng.
0	MANGANESE		11	ug/l	Env. Eng.
0	SODIUM		2510	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		211	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		4530	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		2.04	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		1.54	ug/l	M-Area,SRS
0	TOTAL DISSOLVED SOLIDS		28000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
1	TRICHLOROETHYLENE		2.17	ug/l	Env. Eng.
1	TRICHLOROETHYLENE		1.65	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	GROSS ALPHA		3.82+-1.04	pCi/l	Rad. Meas.
0	AMERICIUM 241	LT	0.40	pCi/l	Tel. Iso.

CONTINUED

WELL ASB 5A COLLECTED ON 03/26/89 LABORATORY ANALYSES CONTINUED

0	BARIUM 140	LT	6	pCi/l	Tel. Iso.
0	NONVOLATILE BETA		2.30+-0.91	pCi/l	Rad. Meas.
0	BERYLLIUM 7	LT	30	pCi/l	Tel. Iso.
0	CERIUM 141	LT	8	pCi/l	Tel. Iso.
0	CERIUM 144		0.00+-0.14	pCi/ml	HP, 735A
0	CERIUM 144	LT	30	pCi/l	Tel. Iso.
0	CURIUM 242	LT	0.40	pCi/l	Tel. Iso.
0	CURIUM 243/244	LT	0.40	pCi/l	Tel. Iso.
0	COBALT 58	LT	3	pCi/l	Tel. Iso.
0	COBALT 60		0.00+-0.02	pCi/ml	HP, 735A
0	COBALT 60	LT	4	pCi/l	Tel. Iso.
0	CHROMIUM 51		0.00+-0.22	pCi/ml	HP, 735A
0	CESIUM 134		0.00+-0.02	pCi/ml	HP, 735A
0	CESIUM 134	LT	3	pCi/l	Tel. Iso.
0	CESIUM 137		0.00+-0.02	pCi/ml	HP, 735A
0	CESIUM 137	LT	4	pCi/l	Tel. Iso.
0	IRON 59	LT	7	pCi/l	Tel. Iso.
0	IODINE 131		0.00+-0.08	pCi/ml	HP, 735A
0	IODINE 131	LT	7	pCi/l	Tel. Iso.
0	POTASSIUM 40	LT	60	pCi/l	Tel. Iso.
0	MANGANESE 54	LT	3	pCi/l	Tel. Iso.
1	PLUTONIUM 238		4.40+-1.40	pCi/l	Tel. Iso.
1	PLUTONIUM 239/240		2.70+-1.20	pCi/l	Tel. Iso.
0	RADIUM 226	LT	80	pCi/l	Tel. Iso.
1	RADIUM 226		2.60+-0.60	pCi/l	Tel. Iso.
1	RADIUM 228		1.10+-0.30	pCi/l	Tel. Iso.
0	RUTHENIUM 103		0.00+-0.02	pCi/ml	HP, 735A
0	RUTHENIUM 103	LT	4	pCi/l	Tel. Iso.
0	RUTHENIUM 106		0.00+-0.16	pCi/ml	HP, 735A
0	RUTHENIUM 106	LT	30	pCi/l	Tel. Iso.
0	ANTIMONY 125		0.00+-0.05	pCi/ml	HP, 735A
0	STRONTIUM 89	LT	4	pCi/l	Tel. Iso.
0	STRONTIUM 90	LT	1	pCi/l	Tel. Iso.
0	THORIUM 228	LT	7	pCi/l	Tel. Iso.
0	TOTAL RADIUM		1.97+-0.80	pCi/l	Rad. Meas.
0	TRITIUM		1.20+-0.23	pCi/ml	Rad. Meas.
0	URANIUM 234	LT	2	pCi/l	Tel. Iso.
0	URANIUM 235	LT	0.70	pCi/l	Tel. Iso.
0	ZINC 65	LT	7	pCi/l	Tel. Iso.
0	ZIRCONIUM/NIOBIUM 95		0.00+-0.03	pCi/ml	HP, 735A
0	ZIRCONIUM 95	LT	4	pCi/l	Tel. Iso.

WELL ASB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/26/89 Time 1600
Depth to water = 113.95 ft (34.73 m) below the TOC
Water elevation = 236.25 ft (72.01 m) msl
Physical or mechanical failure prevented sample collection.

WELL ASB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/27/89 Time 1735
Depth to water = 114.29 ft (34.84 m) below the TOC
Water elevation = 235.91 ft (71.91 m) msl
pH = 4.7 Alkalinity = 0 mg/L
Specific Conductance = 55 umhos/cm
Water Temperature = 19.8 degrees Celsius
Water evacuated from the well prior to sampling = 58 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		59.80	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		53.20	UMHC	Env. Eng.
0	PH		5.18	pH	Env. Eng.
0	PH		4.80	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		9	ug/l	Env. Eng.
0	CALCIUM		1210	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	CHLORIDE		7800	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		4	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		98	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	MAGNESIUM		552	ug/l	Env. Eng.
1	MANGANESE		27	ug/l	Env. Eng.
1	SODIUM		6900	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		452	ug/l	Env. Eng.
0	LEAD		7	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		4890	ug/l	Env. Eng.
0	SULFATE		5200	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		4.61	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		2.16	ug/l	M-Area,SRS
0	TOTAL DISSOLVED SOLIDS		32000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1800	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		28	ug/l	Env. Eng.
1	TRICHLOROETHYLENE		1.16	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS

CONTINUED

WELL ASB 6A COLLECTED ON 03/27/89 LABORATORY ANALYSES CONTINUED

0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
1	GROSS ALPHA		6.82+-1.35	pCi/l	Rad. Meas.
1	AMERICIUM 241		0.08+-0.05	pCi/l	Tel. Iso.
0	BARIUM 140	LT	10	pCi/l	Tel. Iso.
0	NONVOLATILE BETA		4.13+-1.06	pCi/l	Rad. Meas.
1	BERYLLIUM 7		0.06+-0.05	pCi/ml	HP, 735A
0	BERYLLIUM 7	LT	40	pCi/l	Tel. Iso.
0	CERIUM 141	LT	10	pCi/l	Tel. Iso.
0	CERIUM 144		0.00+-0.14	pCi/ml	HP, 735A
0	CERIUM 144	LT	40	pCi/l	Tel. Iso.
0	CURIUM 242	LT	0.08	pCi/l	Tel. Iso.
0	CURIUM 243/244	LT	0.10	pCi/l	Tel. Iso.
0	COBALT 58	LT	4	pCi/l	Tel. Iso.
0	COBALT 60		0.00+-0.02	pCi/ml	HP, 735A
0	COBALT 60	LT	5	pCi/l	Tel. Iso.
0	CHROMIUM 51		0.00+-0.22	pCi/ml	HP, 735A
0	CESIUM 134		0.00+-0.02	pCi/ml	HP, 735A
0	CESIUM 134	LT	5	pCi/l	Tel. Iso.
0	CESIUM 137		0.00+-0.02	pCi/ml	HP, 735A
0	CESIUM 137	LT	5	pCi/l	Tel. Iso.
0	IRON 59	LT	9	pCi/l	Tel. Iso.
0	IODINE 131		0.00+-0.08	pCi/ml	HP, 735A
0	IODINE 131	LT	20	pCi/l	Tel. Iso.
0	POTASSIUM 40	LT	100	pCi/l	Tel. Iso.
0	MANGANESE 54	LT	4	pCi/l	Tel. Iso.
1	PLUTONIUM 238		0.65+-0.20	pCi/l	Tel. Iso.
1	PLUTONIUM 239/240		0.31+-0.14	pCi/l	Tel. Iso.
0	RADIUM 226	LT	100	pCi/l	Tel. Iso.
1	RADIUM 226		3.50+-0.70	pCi/l	Tel. Iso.
1	RADIUM 228		3.40+-1.00	pCi/l	Tel. Iso.
0	RUTHENIUM 103		0.00+-0.02	pCi/ml	HP, 735A
0	RUTHENIUM 103	LT	5	pCi/l	Tel. Iso.
0	RUTHENIUM 106		0.00+-0.17	pCi/ml	HP, 735A
0	RUTHENIUM 106	LT	40	pCi/l	Tel. Iso.
0	ANTIMONY 125		0.00+-0.05	pCi/ml	HP, 735A
0	STRONTIUM 89	LT	4	pCi/l	Tel. Iso.
0	STRONTIUM 90	LT	1	pCi/l	Tel. Iso.
0	THORIUM 228	LT	7	pCi/l	Tel. Iso.
1	TOTAL RADIUM		2.63+-1.51	pCi/l	Rad. Meas.
0	TRITIUM		1.55+-0.23	pCi/ml	Rad. Meas.
1	URANIUM 234		17.00+-2.00	pCi/l	Tel. Iso.
1	URANIUM 235		0.01+-0.01	pCi/ml	HP, 735A
0	URANIUM 235	LT	0.40	pCi/l	Tel. Iso.
0	ZINC 65	LT	9	pCi/l	Tel. Iso.
0	ZIRCONIUM/NIOBIUM 95		0.00+-0.04	pCi/ml	HP, 735A
0	ZIRCONIUM 95	LT	5	pCi/l	Tel. Iso.

WELL ASB 6AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/31/89 Time 1135
Depth to water = 137.36 ft (41.87 m) below the TOC
Water elevation = 216.84 ft (66.09 m) msl
pH = 10.2 Alkalinity = 59 mg/L
Specific Conductance = 155 umhos/cm
Water Temperature = 20.0 degrees Celsius
Water evacuated from the well prior to sampling = 1353 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	20	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	20.0	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		3050	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	20	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	20	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	20	ug/l	M-Area,SRS

WELL ASB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/26/89 Time 1440
Depth to water = 118.59 ft (36.15 m) below the TOC
Water elevation = 234.81 ft (71.57 m) msl
pH = 5.1 Alkalinity = 0 mg/L
Specific Conductance = 64 umhos/cm
Water Temperature = 19.5 degrees Celsius
Water evacuated from the well prior to sampling = 61 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		63.20	UMHC	Env. Eng.
0	PH		5.07	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		6	ug/l	Env. Eng.
0	CALCIUM		984	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	CHLORIDE		9300	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		13	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		89	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		503	ug/l	Env. Eng.
0	MAGNESIUM		554	ug/l	Env. Eng.

CONTINUED

WELL ASB 7 COLLECTED ON 03/26/89 LABORATORY ANALYSES CONTINUED

1	MANGANESE		36	ug/l	Env. Eng.
1	SODIUM		9050	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		898	ug/l	Env. Eng.
0	LEAD		13	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		4990	ug/l	Env. Eng.
0	SULFATE		5600	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		2.63	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		1.97	ug/l	M-Area,SRS
0	TOTAL DISSOLVED SOLIDS		40000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1200	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		6	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
1	TRICHLOROETHYLENE		1.44	ug/l	Env. Eng.
1	TRICHLOROETHYLENE		1.32	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	GROSS ALPHA		2.39+-0.88	pCi/l	Rad. Meas.
1	GROSS ALPHA		5.37+-1.22	pCi/l	Rad. Meas.
0	AMERICIUM 241	LT	1	pCi/l	Tel. Iso.
0	BARIUM 140	LT	8	pCi/l	Tel. Iso.
0	NONVOLATILE BETA		3.37+-1.01	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.85+-0.95	pCi/l	Rad. Meas.
0	BERYLLIUM 7	LT	40	pCi/l	Tel. Iso.
0	CERIUM 141	LT	10	pCi/l	Tel. Iso.
0	CERIUM 144		0.00+-0.14	pCi/ml	HP, 735A
0	CERIUM 144	LT	40	pCi/l	Tel. Iso.
0	CURIUM 242	LT	0.50	pCi/l	Tel. Iso.
0	CURIUM 243/244	LT	0.50	pCi/l	Tel. Iso.
0	COBALT 58	LT	4	pCi/l	Tel. Iso.
0	COBALT 60		0.00+-0.02	pCi/ml	HP, 735A
0	COBALT 60	LT	5	pCi/l	Tel. Iso.
0	CHROMIUM 51		0.00+-0.21	pCi/ml	HP, 735A
0	CESIUM 134		0.00+-0.02	pCi/ml	HP, 735A
0	CESIUM 134	LT	4	pCi/l	Tel. Iso.
0	CESIUM 137		0.00+-0.02	pCi/ml	HP, 735A
0	CESIUM 137	LT	5	pCi/l	Tel. Iso.
0	IRON 59	LT	9	pCi/l	Tel. Iso.
0	IODINE 131		0.00+-0.09	pCi/ml	HP, 735A
0	IODINE 131	LT	9	pCi/l	Tel. Iso.
0	POTASSIUM 40	LT	100	pCi/l	Tel. Iso.
0	MANGANESE 54	LT	4	pCi/l	Tel. Iso.
1	PLUTONIUM 238		2.50+-0.70	pCi/l	Tel. Iso.
1	PLUTONIUM 239/240		12.00+-1.00	pCi/l	Tel. Iso.
0	RADIUM 226	LT	100	pCi/l	Tel. Iso.
1	RADIUM 226		2.80+-0.80	pCi/l	Tel. Iso.
1	RADIUM 228		1.50+-0.70	pCi/l	Tel. Iso.
0	RUTHENIUM 103		0.00+-0.02	pCi/ml	HP, 735A
0	RUTHENIUM 103	LT	5	pCi/l	Tel. Iso.
0	RUTHENIUM 106		0.00+-0.15	pCi/ml	HP, 735A
0	RUTHENIUM 106	LT	40	pCi/l	Tel. Iso.
0	ANTIMONY 125		0.00+-0.05	pCi/ml	HP, 735A
0	STRONTIUM 89	LT	3	pCi/l	Tel. Iso.
0	STRONTIUM 90	LT	0.90	pCi/l	Tel. Iso.
0	THORIUM 228	LT	8	pCi/l	Tel. Iso.
1	TOTAL RADIUM		4.02+-1.04	pCi/l	Rad. Meas.
1	TOTAL RADIUM		3.42+-0.97	pCi/l	Rad. Meas.
0	TRITIUM		2.83+-0.25	pCi/ml	Rad. Meas.
0	TRITIUM		3.17+-0.26	pCi/ml	Rad. Meas.
1	URANIUM 234		3.20+-1.90	pCi/l	Tel. Iso.
0	URANIUM 235	LT	0.90	pCi/l	Tel. Iso.
0	ZINC 65	LT	9	pCi/l	Tel. Iso.
0	ZIRCONIUM/NIOBIUM 95		0.00+-0.04	pCi/ml	HP, 735A
0	ZIRCONIUM 95	LT	5	pCi/l	Tel. Iso.

WELL ASB 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/25/89 Time 1600
Depth to water = 115.53 ft (35.21 m) below the TOC
Water elevation = 233.47 ft (71.16 m) msl
pH = 4.7 Alkalinity = 0 mg/L
Specific Conductance = 34 umhos/cm
Water Temperature = 18.6 degrees Celsius
Water evacuated from the well prior to sampling = 85 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		46.40	UMHC	Env. Eng.
0	PH		4.72	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		5	ug/l	Env. Eng.
0	CALCIUM		1300	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	2	ug/l	M-Area,SRS
0	CHLORIDE		4400	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
1	COPPER		73	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		25	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	MAGNESIUM		315	ug/l	Env. Eng.
0	MANGANESE		3	ug/l	Env. Eng.
0	SODIUM		2810	ug/l	Env. Eng
0	NICKEL	LT	4	ug/l	Env. Eng.

CONTINUED

WELL ASB 8 COLLECTED ON 03/25/89 LABORATORY ANALYSES CONTINUED

0	NITRATE AS NITROGEN		660	ug/l	Env. Eng.
1	LEAD		22	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		6790	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		1.87	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	2.00	ug/l	M-Area,SRS
0	TOTAL DISSOLVED SOLIDS		26000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1500	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		1048	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		387	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	2	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	2	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	2	ug/l	M-Area,SRS
0	GROSS ALPHA		3.32+-0.93	pCi/l	Rad. Meas.
1	AMERICIUM 241		0.23+-0.12	pCi/l	Tel. Iso.
0	BARIUM 140	LT	8	pCi/l	Tel. Iso.
0	NONVOLATILE BETA		2.94+-0.97	pCi/l	Rad. Meas
0	BERYLLIUM 7	LT	40	pCi/l	Tel. Iso.
0	CERIUM 141	LT	10	pCi/l	Tel. Iso.
0	CERIUM 144		0.00+-0.13	pCi/ml	HP, 735A
0	CERIUM 144	LT	40	pCi/l	Tel. Iso.
0	CURIUM 242	LT	0.20	pCi/l	Tel. Iso.
1	CURIUM 243/244		0.15+-0.10	pCi/l	Tel. Iso.
0	COBALT 58	LT	5	pCi/l	Tel. Iso.
0	COBALT 60		0.00+-0.02	pCi/ml	HP, 735A
0	COBALT 60	LT	5	pCi/l	Tel. Iso.
0	CHROMIUM 51		0.00+-0.22	pCi/ml	HP, 735A
0	CESIUM 134		0.00+-0.02	pCi/ml	HP, 735A
0	CESIUM 134	LT	5	pCi/l	Tel. Iso.
0	CESIUM 137		0.00+-0.02	pCi/ml	HP, 735A
0	CESIUM 137	LT	5	pCi/l	Tel. Iso.
0	IRON 59	LT	10	pCi/l	Tel. Iso.
2	IODINE 131		0.03+-0.02	pCi/ml	HP, 735A
0	IODINE 131	LT	10	pCi/l	Tel. Iso.
0	POTASSIUM 40	LT	200	pCi/l	Tel. Iso.
0	MANGANESE 54	LT	5	pCi/l	Tel. Iso.
1	PLUTONIUM 238		2.50+-1.10	pCi/l	Tel. Iso.
1	PLUTONIUM 239/240		5.90+-1.30	pCi/l	Tel. Iso.
1	RADIUM 226		0.15+-0.12	pCi/ml	HP, 735A
0	RADIUM 226	LT	90	pCi/l	Tel. Iso.
1	RADIUM 226		2.20+-0.80	pCi/l	Tel. Iso.
0	RADIUM 228	LT	1	pCi/l	Tel. Iso.
0	RUTHENIUM 103		0.00+-0.02	pCi/ml	HP, 735A
0	RUTHENIUM 103	LT	6	pCi/l	Tel. Iso.
0	RUTHENIUM 106		0.00+-0.17	pCi/ml	HP, 735A
0	RUTHENIUM 106	LT	40	pCi/l	Tel. Iso.
0	ANTIMONY 125		0.00+-0.05	pCi/ml	HP, 735A
0	STRONTIUM 89	LT	4	pCi/l	Tel. Iso.
0	STRONTIUM 90	LT	5	pCi/l	Tel. Iso.
0	THORIUM 228	LT	8	pCi/l	Tel. Iso.
0	TOTAL RADIUM		0.95+-0.85	pCi/l	Rad. Meas
0	TRITIUM		1.91+-0.23	pCi/ml	Rad. Meas
1	URANIUM 234		0.33+-0.27	pCi/l	Tel. Iso.
1	URANIUM 235		0.01+-0.01	pCi/ml	HP, 735A
0	URANIUM 235	LT	0.20	pCi/l	Tel. Iso.
0	ZINC 65	LT	10	pCi/l	Tel. Iso.
0	ZIRCONIUM/NIOBIUM 95		0.00+-0.03	pCi/ml	HP, 735A
0	ZIRCONIUM 95	LT	5	pCi/l	Tel. Iso.

WELL ASB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/25/89 Time 1640
Depth to water = 132.38 ft (40.35 m) below the TOC
Water elevation = 216.92 ft (66.12 m) msl
pH = 5.6 Alkalinity = 2 mg/L
Specific Conductance = 24 umhos/cm
Water Temperature = 19.0 degrees Celsius
Water evacuated from the well prior to sampling = 379 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		26.60	UMHC	Env. Eng
0	PH		5.59	pH	Env. Eng
0	SILVER	LT	2	ug/l	Env. Eng
0	ARSENIC	LT	2	ug/l	Env. Eng
0	BARIUM		6	ug/l	Env. Eng.
0	CALCIUM		1150	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM		2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	CHLORIDE		2100	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		132	ug/l	Env. Eng
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		644	ug/l	Env. Eng
0	MAGNESIUM		286	ug/l	Env. Eng
0	MANGANESE		9	ug/l	Env. Eng.
0	SODIUM		1690	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng
0	NITRATE AS NITROGEN		879	ug/l	Env. Eng
0	NITRATE AS NITROGEN		868	ug/l	Env. Eng
0	LEAD	LT	6	ug/l	Env. Eng
0	PHENOLS	LT	5	ug/l	Env. Eng
0	SELENIUM	LT	2	ug/l	Env. Eng
1	SILICA		7170	ug/l	Env. Eng

CONTINUED

WELL ASB 8A COLLECTED ON 03/25/89 LABORATORY ANALYSES CONTINUED

0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL DISSOLVED SOLIDS		24000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	AMERICIUM 241	LT	1	pCi/l	Tel. Iso.
0	BARIUM 140	LT	9	pCi/l	Tel. Iso.
0	NONVOLATILE BETA		0.94+-0.81	pCi/l	Rad. Meas.
0	BERYLLIUM 7	LT	50	pCi/l	Tel. Iso.
0	CERIUM 141	LT	10	pCi/l	Tel. Iso.
0	CERIUM 144		0.00+-0.15	pCi/ml	HP, 735A
0	CERIUM 144	LT	50	pCi/l	Tel. Iso.
0	CURIUM 242	LT	0.90	pCi/l	Tel. Iso.
0	CURIUM 243/244	LT	1	pCi/l	Tel. Iso.
0	COBALT 58	LT	5	pCi/l	Tel. Iso.
0	COBALT 60		0.00+-0.02	pCi/ml	HP, 735A
0	COBALT 60	LT	7	pCi/l	Tel. Iso.
0	CHROMIUM 51		0.00+-0.26	pCi/ml	HP, 735A
0	CESIUM 134		0.00+-0.02	pCi/ml	HP, 735A
0	CESIUM 134	LT	6	pCi/l	Tel. Iso.
0	CESIUM 137		0.00+-0.02	pCi/ml	HP, 735A
0	CESIUM 137	LT	5	pCi/l	Tel. Iso.
0	IRON 59	LT	10	pCi/l	Tel. Iso.
0	IODINE 131		0.00+-0.10	pCi/ml	HP, 735A
0	IODINE 131	LT	10	pCi/l	Tel. Iso.
0	POTASSIUM 40	LT	100	pCi/l	Tel. Iso.
0	MANGANESE 54	LT	5	pCi/l	Tel. Iso.
1	LEAD 214		0.01+-0.01	pCi/ml	HP, 735A
1	PLUTONIUM 238		4.20+-1.20	pCi/l	Tel. Iso.
1	PLUTONIUM 239/240		5.20+-1.20	pCi/l	Tel. Iso.
0	RADIUM 226	LT	100	pCi/l	Tel. Iso.
0	RADIUM 226	LT	1	pCi/l	Tel. Iso.
0	RADIUM 228	LT	0.90	pCi/l	Tel. Iso.
0	RUTHENIUM 103		0.00+-0.02	pCi/ml	HP, 735A
0	RUTHENIUM 103	LT	6	pCi/l	Tel. Iso.
0	RUTHENIUM 106		0.00+-0.16	pCi/ml	HP, 735A
0	RUTHENIUM 106	LT	50	pCi/l	Tel. Iso.
0	ANTIMONY 125		0.00+-0.05	pCi/ml	HP, 735A
0	STRONTIUM 89	LT	5	pCi/l	Tel. Iso.
0	STRONTIUM 90	LT	2	pCi/l	Tel. Iso.
0	THORIUM 228	LT	10	pCi/l	Tel. Iso.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM	LT	1	pCi/ml	Rad. Meas.
0	URANIUM 234	LT	0.20	pCi/l	Tel. Iso.
0	URANIUM 235	LT	0.60	pCi/l	Tel. Iso.
0	ZINC 65	LT	10	pCi/l	Tel. Iso.
0	ZIRCONIUM/NIOBIUM 95		0.00+-0.04	pCi/ml	HP, 735A
0	ZIRCONIUM 95	LT	6	pCi/l	Tel. Iso.

WELL ASB 8B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/25/89 Time 1525
Depth to water = 131.55 ft (40.10 m) below the TOC
Water elevation = 218.25 ft (66.52 m) msl
pH = 5.4 Alkalinity = 1 mg/L
Specific Conductance = 30 umhos/cm
Water Temperature = 18.8 degrees Celsius
Water evacuated from the well prior to sampling = 269 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		35.00	UMHC	Env. Eng.
0	PH		5.56	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		6	ug/l	Env. Eng.
0	CALCIUM		896	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
1	CHLOROFORM		1	ug/l	Env. Eng.
0	CHLOROFORM	LT	20	ug/l	M-Area,SRS
0	CHLORIDE		2200	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		126	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		865	ug/l	Env. Eng.
0	MAGNESIUM		367	ug/l	Env. Eng.
0	MANGANESE		6	ug/l	Env. Eng.
0	SODIUM		2740	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1730	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		7070	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		10.3	ug/l	Env. Eng.

CONTINUED

WELL ASB 8B COLLECTED ON 03/25/89 LABORATORY ANALYSES CONTINUED

0	TETRACHLOROETHYLENE	LT	20.0	ug/l	M-Area,SRS
0	TOTAL DISSOLVED SOLIDS		10000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		10000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		993	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		24	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		1400	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	20	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	20	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	20	ug/l	M-Area,SRS
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	AMERICIUM 241	LT	0.60	pCi/l	Tel. Iso.
0	BARIUM 140	LT	8	pCi/l	Tel. Iso.
0	NONVOLATILE BETA		1.77+-0.89	pCi/l	Rad. Meas.
0	BERYLLIUM 7	LT	30	pCi/l	Tel. Iso.
0	CERIUM 141	LT	10	pCi/l	Tel. Iso.
0	CERIUM 144		0.00+-0.13	pCi/ml	HP, 735A
0	CERIUM 144	LT	30	pCi/l	Tel. Iso.
0	CURIUM 242	LT	0.40	pCi/l	Tel. Iso.
0	CURIUM 243/244	LT	0.40	pCi/l	Tel. Iso.
0	COBALT 58	LT	3	pCi/l	Tel. Iso.
0	COBALT 60		0.00+-0.02	pCi/ml	HP, 735A
0	COBALT 60	LT	4	pCi/l	Tel. Iso.
0	CHROMIUM 51		0.00+-0.24	pCi/ml	HP, 735A
0	CESIUM 134		0.00+-0.02	pCi/ml	HP, 735A
0	CESIUM 134	LT	3	pCi/l	Tel. Iso.
0	CESIUM 137		0.00+-0.02	pCi/ml	HP, 735A
0	CESIUM 137	LT	4	pCi/l	Tel. Iso.
0	IRON 59	LT	8	pCi/l	Tel. Iso.
0	IODINE 131		0.00+-0.12	pCi/ml	HP, 735A
0	IODINE 131	LT	9	pCi/l	Tel. Iso.
0	POTASSIUM 40	LT	60	pCi/l	Tel. Iso.
0	MANGANESE 54	LT	3	pCi/l	Tel. Iso.
0	PLUTONIUM 238	LT	3	pCi/l	Tel. Iso.
0	PLUTONIUM 239/240	LT	2	pCi/l	Tel. Iso.
0	RADIUM 226	LT	90	pCi/l	Tel. Iso.
1	RADIUM 226		0.80+-0.40	pCi/l	Tel. Iso.
0	RADIUM 228	LT	1	pCi/l	Tel. Iso.
0	RUTHENIUM 103		0.00+-0.02	pCi/ml	HP, 735A
0	RUTHENIUM 103	LT	4	pCi/l	Tel. Iso.
0	RUTHENIUM 106		0.00+-0.15	pCi/ml	HP, 735A
0	RUTHENIUM 106	LT	30	pCi/l	Tel. Iso.
0	ANTIMONY 125		0.00+-0.05	pCi/ml	HP, 735A
0	STRONTIUM 89	LT	4	pCi/l	Tel. Iso.
0	STRONTIUM 90	LT	1	pCi/l	Tel. Iso.
0	THORIUM 228	LT	7	pCi/l	Tel. Iso.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		0.32+-0.22	pCi/ml	Rad. Meas.
1	URANIUM 234		7.70+-4.80	pCi/l	Tel. Iso.
0	URANIUM 235	LT	4	pCi/l	Tel. Iso.
0	ZINC 65	LT	9	pCi/l	Tel. Iso.
0	ZIRCONIUM/NIOBIUM 95		0.00+-0.03	pCi/ml	HP, 735A
0	ZIRCONIUM 95	LT	4	pCi/l	Tel. Iso.

WELL ASB 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/25/89 Time 1430
Depth to water = 127.54 ft (38.87 m) below the TOC
Water elevation = 222.16 ft (67.72 m) msl
pH = 4.9 Alkalinity = 0 mg/L
Specific Conductance = 41 umhos/cm
Water Temperature = 18.8 degrees Celsius
Water evacuated from the well prior to sampling = 123 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		49.10	UMHC	Env. Eng.
0	PH		5.25	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		9	ug/l	Env. Eng.
0	CALCIUM		1290	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	20	ug/l	M-Area,SRS
0	CHLORIDE		5200	ug/l	Env. Eng.
0	CHLORIDE		5200	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
1	MERCURY		0.56	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	MAGNESIUM		532	ug/l	Env. Eng.
0	MANGANESE		6	ug/l	Env. Eng.
0	SODIUM		2970	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1860	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		7820	ug/l	Env. Eng.
1	SILICA		7930	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		121	ug/l	M-Area,SRS
0	TOTAL DISSOLVED SOLIDS		34000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		397	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.

CONTINUED

WELL ASB 8C COLLECTED ON 03/25/89 LABORATORY ANALYSES CONTINUED

0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		1690	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	20	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	20	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	20	ug/l	M-Area,SRS
0	GROSS ALPHA		0.83+-0.57	pCi/l	Rad. Meas.
1	AMERICIUM 241		1.50+-0.70	pCi/l	Tel. Iso.
0	BARIUM 140	LT	6	pCi/l	Tel. Iso.
0	NONVOLATILE BETA		2.77+-0.95	pCi/l	Rad. Meas.
0	BERYLLIUM 7	LT	30	pCi/l	Tel. Iso.
0	CERIUM 141	LT	9	pCi/l	Tel. Iso.
0	CERIUM 144		0.00+-0.13	pCi/ml	HP, 735A
0	CERIUM 144	LT	30	pCi/l	Tel. Iso.
1	CURIUM 242		0.77+-0.48	pCi/l	Tel. Iso.
1	CURIUM 243/244		0.70+-0.46	pCi/l	Tel. Iso.
0	COBALT 58	LT	3	pCi/l	Tel. Iso.
0	COBALT 60		0.00+-0.02	pCi/ml	HP, 735A
0	COBALT 60	LT	4	pCi/l	Tel. Iso.
0	CHROMIUM 51		0.00+-0.22	pCi/ml	HP, 735A
0	CESIUM 134		0.00+-0.02	pCi/ml	HP, 735A
0	CESIUM 134	LT	4	pCi/l	Tel. Iso.
0	CESIUM 137		0.00+-0.02	pCi/ml	HP, 735A
0	CESIUM 137	LT	4	pCi/l	Tel. Iso.
0	IRON 59	LT	7	pCi/l	Tel. Iso.
0	IODINE 131		0.00+-0.09	pCi/ml	HP, 735A
0	IODINE 131	LT	8	pCi/l	Tel. Iso.
0	POTASSIUM 40	LT	60	pCi/l	Tel. Iso.
0	MANGANESE 54	LT	4	pCi/l	Tel. Iso.
1	PLUTONIUM 238		1.90+-1.00	pCi/l	Tel. Iso.
1	PLUTONIUM 239/240		2.40+-0.80	pCi/l	Tel. Iso.
0	RADIUM 226	LT	100	pCi/l	Tel. Iso.
0	RADIUM 226	LT	1	pCi/l	Tel. Iso.
1	RADIUM 228		0.89+-0.58	pCi/l	Tel. Iso.
0	RUTHENIUM 103		0.00+-0.03	pCi/ml	HP, 735A
0	RUTHENIUM 103	LT	4	pCi/l	Tel. Iso.
0	RUTHENIUM 106		0.00+-0.18	pCi/ml	HP, 735A
0	RUTHENIUM 106	LT	30	pCi/l	Tel. Iso.
0	ANTIMONY 125		0.00+-0.05	pCi/ml	HP, 735A
0	STRONTIUM 89	LT	3	pCi/l	Tel. Iso.
0	STRONTIUM 90	LT	1	pCi/l	Tel. Iso.
0	THORIUM 228	LT	7	pCi/l	Tel. Iso.
0	TOTAL RADIUM		1.16+-0.82	pCi/l	Rad. Meas.
1	TRITIUM		15.70+-0.41	pCi/ml	Rad. Meas.
1	URANIUM 234		19.00+-3.00	pCi/l	Tel. Iso.
1	URANIUM 235		3.60+-1.30	pCi/l	Tel. Iso.
0	ZINC 65	LT	8	pCi/l	Tel. Iso.
0	ZIRCONIUM/NIOBIUM 95		0.00+-0.04	pCi/ml	HP, 735A
0	ZIRCONIUM 95	LT	4	pCi/l	Tel. Iso.

WELL ASB 8TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/25/89 Time 1540
Depth to water = 137.38 ft (41.87 m) below the TOC
Water elevation = 212.22 ft (64.69 m) msl
pH = 5.2 Alkalinity = 0 mg/L
Specific Conductance = 24 umhos/cm
Water Temperature = 19.0 degrees Celsius
Water evacuated from the well prior to sampling = 574 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL ASB 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/26/89 Time 1230
Depth to water = 70.11 ft (21.37 m) below the TOC
Water elevation = 238.89 ft (72.81 m) msl
Physical or mechanical failure prevented sample collection.

WELL ASB 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/29/89 Time 1540
Depth to water = 69.93 ft (21.31 m) below the TOC
Water elevation = 239.07 ft (72.87 m) msl
pH = 5.2 Alkalinity = 0 mg/L
Specific Conductance = 39 umhos/cm
Water Temperature = 18.5 degrees Celsius
Water evacuated from the well prior to sampling = 63 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		42.40	UMHO	Env. Eng.
0	PH		5.39	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		35	ug/l	Env. Eng.

CONTINUED

WELL ASB 9 COLLECTED ON 03/29/89 LABORATORY ANALYSES CONTINUED

0	CALCIUM		1830	ug/l	Env. Eng
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng
0	CADMIUM	LT	2	ug/l	Env. Eng
0	CHLOROFORM	LT	1	ug/l	Env. Eng
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	CHLORIDE		4000	ug/l	Env. Eng
0	CHROMIUM	LT	4	ug/l	Env. Eng
0	COPPER		14	ug/l	Env. Eng
0	FLUORIDE		100	ug/l	Env. Eng
0	IRON		47	ug/l	Env. Eng
0	MERCURY	LT	0.20	ug/l	Env. Eng
0	POTASSIUM	LT	500	ug/l	Env. Eng
0	MAGNESIUM		883	ug/l	Env. Eng.
0	MANGANESE		22	ug/l	Env. Eng
0	SODIUM		2790	ug/l	Env. Eng
0	NICKEL	LT	4	ug/l	Env. Eng
0	NITRATE AS NITROGEN		315	ug/l	Env. Eng
0	LEAD		12	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng
0	SELENIUM	LT	2	ug/l	Env. Eng
1	SILICA		4410	ug/l	Env. Eng
0	SULFATE		5200	ug/l	Env. Eng
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL DISSOLVED SOLIDS		32000	ug/l	Env. Eng
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng
0	TOTAL ORGANIC HALOGENS		8	ug/l	Env. Eng
0	TOTAL PHOSPHATES		21	ug/l	Env. Eng
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	GROSS ALPHA		1.98+-0.77	pCi/l	Rad. Meas.
0	AMERICIUM 241	LT	0.10	pCi/l	Tel. Iso.
0	BARIUM 140	LT	8	pCi/l	Tel. Iso.
0	NONVOLATILE BETA		2.14+-0.90	pCi/l	Rad. Meas
0	BERYLLIUM 7	LT	40	pCi/l	Tel. Iso.
0	CERIUM 141	LT	10	pCi/l	Tel. Iso.
0	CERIUM 144		0.00+-0.14	pCi/ml	HP, 735A
0	CERIUM 144	LT	30	pCi/l	Tel. Iso.
0	CURIUM 242	LT	0.09	pCi/l	Tel. Iso.
1	CURIUM 243/244		0.16+-0.10	pCi/l	Tel. Iso
0	COBALT 58	LT	4	pCi/l	Tel. Iso.
0	COBALT 60		0.00+-0.02	pCi/ml	HP, 735A
0	COBALT 60	LT	4	pCi/l	Tel. Iso.
0	CHROMIUM 51		0.00+-0.21	pCi/ml	HP, 735A
0	CESIUM 134		0.00+-0.02	pCi/ml	HP, 735A
0	CESIUM 134	LT	4	pCi/l	Tel. Iso
0	CESIUM 137		0.00+-0.02	pCi/ml	HP, 735A
0	CESIUM 137	LT	4	pCi/l	Tel. Iso
0	IRON 59	LT	9	pCi/l	Tel. Iso
0	IODINE 131		0.00+-0.08	pCi/ml	HP, 735A
0	IODINE 131	LT	10	pCi/l	Tel. Iso
0	POTASSIUM 40	LT	60	pCi/l	Tel. Iso
0	MANGANESE 54	LT	4	pCi/l	Tel. Iso.
1	PLUTONIUM 238		0.52+-0.15	pCi/l	Tel. Iso.
1	PLUTONIUM 239/240		0.32+-0.11	pCi/l	Tel. Iso.
0	RADIUM 226	LT	90	pCi/l	Tel. Iso.
0	RADIUM 226	LT	1	pCi/l	Tel. Iso.
1	RADIUM 228		1.30+-0.60	pCi/l	Tel. Iso.
0	RUTHENIUM 103		0.00+-0.02	pCi/ml	HP, 735A
0	RUTHENIUM 103	LT	4	pCi/l	Tel. Iso
0	RUTHENIUM 106		0.00+-0.14	pCi/ml	HP, 735A
0	RUTHENIUM 106	LT	30	pCi/l	Tel. Iso
0	ANTIMONY 125		0.00+-0.05	pCi/ml	HP, 735A
0	STRONTIUM 89	LT	3	pCi/l	Tel. Iso
0	STRONTIUM 90	LT	1	pCi/l	Tel. Iso.
0	THORIUM 228	LT	7	pCi/l	Tel. Iso
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas
0	TRITIUM		0.82+-0.21	pCi/ml	Rad. Meas
0	URANIUM 234	LT	1	pCi/l	Tel. Iso
0	URANIUM 235	LT	0.40	pCi/l	Tel. Iso
0	ZINC 65	LT	7	pCi/l	Tel. Iso
0	ZIRCONIUM/NIOBIUM 95		0.00+-0.03	pCi/ml	HP, 735A
0	ZIRCONIUM 95	LT	4	pCi/l	Tel. Iso

WELL ASB 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/27/89 Time 1700
Depth to water = 90.67 ft (27.64 m) below the TOC
Water elevation = 218.33 ft (66.55 m) msl
pH = 9.3 Alkalinity = 49 mg/L
Specific Conductance = 125 umhos/cm
Water Temperature = 19.7 degrees Celsius
Water evacuated from the well prior to sampling = 312 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	10	ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		38.9	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		51.8	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	10	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	10	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	10	ug/l	M-Area,SRS

WELL ASB 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/30/89 Time 1550
Depth to water = 91.09 ft (27.76 m) below the TOC
Water elevation = 218.81 ft (66.69 m) msl
pH = 5.7 Alkalinity = 14 mg/L
Specific Conductance = 71 umhos/cm
Water Temperature = 19.5 degrees Celsius
Water evacuated from the well prior to sampling = 134 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	10 ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		67.8 ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		55.4 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	10 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	10 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	10 ug/l	M-Area,SRS

WELL BG 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/28/89 Time 1110
Depth to water = 28.00 ft (8.53 m) below the TOC
Water elevation = 228.40 ft (69.62 m) msl
pH = 4.4
Specific Conductance = 191 umhos/cm
Water Temperature = 19.8 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

2	GROSS ALPHA	20.77+-5.66 pCi/l	HP, 735A
2	NONVOLATILE BETA	701+-57.3 pCi/l	HP, 735A
2	TRITIUM	20335+- 412 pCi/ml	HP, 735A

WELL BG 52

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/27/89 Time 1025
Depth to water = 61.80 ft (18.84 m) below the TOC
Water elevation = 228.00 ft (69.50 m) msl
pH = 6.1
Specific Conductance = 50 umhos/cm
Water Temperature = 18.5 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	2.10+-2.55 pCi/l	HP, 735A
0	NONVOLATILE BETA	2.40+-0.78 pCi/l	HP, 735A
2	TRITIUM	26.29+-1.25 pCi/ml	HP, 735A

WELL BG 53

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/30/89 Time 1010
Depth to water = 58.10 ft (17.71 m) below the TOC
Water elevation = 227.60 ft (69.37 m) msl
pH = 6.3
Specific Conductance = 30 umhos/cm
Water Temperature = 18.7 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	1.10+-0.81 pCi/l	HP, 735A
0	NONVOLATILE BETA	2.32+-1.01 pCi/l	HP, 735A
1	TRITIUM	12.88+-0.59 pCi/ml	HP, 735A

WELL BG 54

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/28/89 Time 1020
Depth to water = 48.80 ft (14.87 m) below the TOC
Water elevation = 228.40 ft (69.62 m) msl
pH = 6.6
Specific Conductance = 25 umhos/cm
Water Temperature = 16.9 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	0.95+-0.79 pCi/l	HP, 735A
0	NONVOLATILE BETA	1.18+-0.87 pCi/l	HP, 735A
2	TRITIUM	21.23+-0.70 pCi/ml	HP, 735A

WELL BG 55

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/28/89 Time 1030
Depth to water = 49.70 ft (15.15 m) below the TOC
Water elevation = 227.20 ft (69.25 m) msl
pH = 5.3
Specific Conductance = 19 umhos/cm
Water Temperature = 16.9 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

1	GROSS ALPHA	6.13+-2.02 pCi/l	HP, 735A
1	GROSS ALPHA	7.57+-4.13 pCi/l	HP, 735A
0	NONVOLATILE BETA	4.53+-1.32 pCi/l	HP, 735A
2	TRITIUM	1799+-38.2 pCi/ml	HP, 735A

WELL BG 56

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/28/89 Time 1040
Depth to water = 49.20 ft (15.00 m) below the TOC
Water elevation = 225.70 ft (68.79 m) msl
pH = 5.0
Specific Conductance = 55 umhos/cm
Water Temperature = 17.6 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

1	GROSS ALPHA	7.64+-2.33 pCi/l	HP, 735A
1	GROSS ALPHA	8.45+-3.43 pCi/l	HP, 735A
1	NONVOLATILE BETA	10.44+-1.84 pCi/l	HP, 735A
1	NONVOLATILE BETA	18.02+-2.33 pCi/l	HP, 735A
2	TRITIUM	44392+- 898 pCi/ml	HP, 735A

WELL BG 57

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/28/89 Time 1050
Depth to water = 47.40 ft (14.45 m) below the TOC
Water elevation = 225.20 ft (68.64 m) msl
pH = 6.3
Specific Conductance = 20 umhos/cm
Water Temperature = 17.6 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	1.17+-0.86 pCi/l	HP, 735A
0	NONVOLATILE BETA	0.73+-0.80 pCi/l	HP, 735A
2	TRITIUM	318+-8.19 pCi/ml	HP, 735A

WELL BG 58

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/28/89 Time 1100
Depth to water = 51.80 ft (15.79 m) below the TOC
Water elevation = 226.40 ft (69.01 m) msl
pH = 6.0
Specific Conductance = 42 umhos/cm
Water Temperature = 17.1 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	1.33+-0.98 pCi/l	HP, 735A
2	GROSS ALPHA	204+-13.7 pCi/l	Rad. Mon.
0	NONVOLATILE BETA	2.13+-1.02 pCi/l	HP, 735A
2	NONVOLATILE BETA	117+-4.01 pCi/l	Rad. Mon.
2	TRITIUM	23.75+-0.73 pCi/ml	HP, 735A
2	TRITIUM	28.60+-0.68 pCi/ml	Rad. Mon.

WELL BG 59

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/28/89 Time 900
Depth to water = 54.90 ft (16.73 m) below the TOC
Water elevation = 227.80 ft (69.43 m) msl
pH = 7.6
Specific Conductance = 48 umhos/cm
Water Temperature = 15.3 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	1.25+-0.87 pCi/l	HP, 735A
0	NONVOLATILE BETA	2.09+-0.99 pCi/l	HP, 735A
2	TRITIUM	33.28+-0.83 pCi/ml	HP, 735A

WELL BG 60

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/28/89 Time 910
Depth to water = 47.00 ft (14.33 m) below the TOC
Water elevation = 228.50 ft (69.65 m) msl
pH = 6.7
Specific Conductance = 49 umhos/cm
Water Temperature = 15.5 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	1.60+-0.98 pCi/l	HP, 735A
2	GROSS ALPHA	19.00+-2.69 pCi/l	Rad. Meas.
0	NONVOLATILE BETA	2.15+-1.00 pCi/l	HP, 735A
1	NONVOLATILE BETA	19.00+-1.64 pCi/l	Rad. Meas.
1	TRITIUM	17.84+-0.65 pCi/ml	HP, 735A
1	TRITIUM	19.00+-0.49 pCi/ml	Rad. Meas.

WELL BG 61

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/28/89 Time 920
Depth to water = 44.40 ft (13.53 m) below the TOC
Water elevation = 230.60 ft (70.29 m) msl
pH = 6.7
Specific Conductance = 46 umhos/cm
Water Temperature = 15.4 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	0.78+-0.70 pCi/l	HP, 735A
0	NONVOLATILE BETA	1.29+-0.87 pCi/l	HP, 735A
1	TRITIUM	18.38+-0.66 pCi/ml	HP, 735A

WELL BG 62

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/28/89 Time 930
Depth to water = 40.80 ft (12.44 m) below the TOC
Water elevation = 231.70 ft (70.62 m) msl
pH = 6.2
Specific Conductance = 19 umhos/cm
Water Temperature = 17.1 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	1.00+-0.78 pCi/l	HP, 735A
0	NONVOLATILE BETA	0.85+-0.81 pCi/l	HP, 735A
2	TRITIUM	24.79+-0.74 pCi/ml	HP, 735A

WELL BG 63

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/28/89 Time 940
Depth to water = 40.00 ft (12.19 m) below the TOC
Water elevation = 234.20 ft (71.39 m) msl
pH = 6.2
Specific Conductance = 19 umhos/cm
Water Temperature = 16.2 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	0.32+-0.48 pCi/l	HP, 735A
0	NONVOLATILE BETA	0.69+-0.89 pCi/l	HP, 735A
2	TRITIUM	24.79+-0.74 pCi/ml	HP, 735A

WELL BG 64

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/28/89 Time 950
Depth to water = 47.50 ft (14.48 m) below the TOC
Water elevation = 237.80 ft (72.48 m) msl
pH = 6.0
Specific Conductance = 19 umhos/cm
Water Temperature = 16.5 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	0.66+-0.65 pCi/l	HP, 735A
0	NONVOLATILE BETA	1.10+-0.84 pCi/l	HP, 735A
2	TRITIUM	23.49+-0.73 pCi/ml	HP, 735A

WELL BG 65

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/28/89 Time 1000
Depth to water = 54.40 ft (16.58 m) below the TOC
Water elevation = 236.50 ft (72.09 m) msl
pH = 6.5
Specific Conductance = 31 umhos/cm
Water Temperature = 15.8 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	0.57+-0.63 pCi/l	HP, 735A
0	NONVOLATILE BETA	1.09+-0.94 pCi/l	HP, 735A
2	TRITIUM	24.83+-0.74 pCi/ml	HP, 735A

WELL BG 66

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/28/89 Time 1010
Depth to water = 61.50 ft (18.75 m) below the TOC
Water elevation = 234.50 ft (71.48 m) msl
pH = 6.7
Specific Conductance = 29 umhos/cm
Water Temperature = 15.7 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	0.58+-0.64 pCi/l	HP, 735A
0	NONVOLATILE BETA	1.19+-0.87 pCi/l	HP, 735A
2	TRITIUM	36.25+-0.86 pCi/ml	HP, 735A

WELL BG 67

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/30/89 Time 1030
Depth to water = 60.20 ft (18.35 m) below the TOC
Water elevation = 234.50 ft (71.48 m) msl
pH = 6.3
Specific Conductance = 35 umhos/cm
Water Temperature = 18.4 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	0.67+-0.66 pCi/l	HP, 735A
0	NONVOLATILE BETA	1.29+-0.87 pCi/l	HP, 735A
2	TRITIUM	55.03+-1.22 pCi/ml	HP, 735A

WELL BG 97

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/04/89 Time
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	TRITIUM	9.38+-0.59 pCi/ml	HP, 735A

WELL BG 117

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/04/89 Time
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

2	TRITIUM	1930+-36.7 pCi/ml	HP, 735A

WELL BG 120

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/04/89 Time
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

1	TRITIUM	12.10+-0.63 pCi/ml	HP, 735A

WELL BGO 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/08/89 Time 840
Depth to water = 58.19 ft (17.74 m) below the TOC
Water elevation = 236.91 ft (72.21 m) msl
pH = 4.8 Alkalinity = 0 mg/L
Specific Conductance = 46 umhos/cm
Water Temperature = 20.5 degrees Celsius
Water evacuated from the well prior to sampling = 4 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		47.00	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		46.70	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		46.80	UMHC	Env. Eng.
0	PH		4.51	pH	Env. Eng.
0	PH		4.48	pH	Env. Eng.
0	PH		4.45	pH	Env. Eng.
0	TURBIDITY		2	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		25	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		4590	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2100	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		105	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		325	ug/l	Env. Eng.
2	MANGANESE		87	ug/l	Env. Eng.
1	SODIUM		5790	ug/l	Env. Eng.
1	NITRATE AS NITROGEN		3460	ug/l	Env. Eng.
0	LEAD		11	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		5820	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		28000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		36000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		7	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.

CONTINUED

WELL BGO 1D COLLECTED ON 01/08/89 LABORATORY ANALYSES CONTINUED

0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA		1.26+-0.87	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.24+-0.86	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.48+-0.68	pCi/l	Rad. Meas.
1	TRITIUM		10.30+-0.36	pCi/ml	Rad. Meas.

WELL BGO 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/02/89 Time 1410
Depth to water = 59.07 ft (18.00 m) below the TOC
Water elevation = 237.83 ft (72.49 m) msl
pH = 4.4 Alkalinity = 0 mg/L
Specific Conductance = 45 umhos/cm
Water Temperature = 19.8 degrees Celsius
Water evacuated from the well prior to sampling = 65 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		57.40	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		48.70	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		58.40	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		46.80	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		44.30	UMHC	Env. Eng.
0	PH		4.45	pH	Env. Eng.
0	PH		4.37	pH	Env. Eng.
0	PH		4.45	pH	Env. Eng.
0	PH		4.39	pH	Env. Eng.
0	PH		4.37	pH	Env. Eng.
0	TURBIDITY		0.27	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		20	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		2250	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3000	ug/l	Env. Eng.
0	CHLORIDE		3200	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		42	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		1210	ug/l	Env. Eng.
0	MANGANESE		4	ug/l	Env. Eng.
0	SODIUM		2370	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		2330	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		2340	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		6070	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		36000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
1	2,4-DICHLOROPHENOXYACETIC ACID		0.39	ug/l	Env. Eng.
0	GROSS ALPHA		2.16+-1.03	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.97+-0.98	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.55+-0.75	pCi/l	Rad. Meas.
1	TRITIUM		17.70+-0.47	pCi/ml	Rad. Meas.

WELL BGO 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/08/89 Time 900
Depth to water = 57.95 ft (17.66 m) below the TOC
Water elevation = 234.75 ft (71.55 m) msl
pH = 4.5 Alkalinity = 0 mg/L
Specific Conductance = 45 umhos/cm
Water Temperature = 14.5 degrees Celsius
Water evacuated from the well prior to sampling = 3 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		45.90	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		47.00	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		46.20	UMHC	Env. Eng.
0	PH		4.18	pH	Env. Eng.
0	PH		4.18	pH	Env. Eng.
0	PH		4.18	pH	Env. Eng.
0	TURBIDITY		2	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		8	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		750	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3500	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
1	BENZENE		10	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		24	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		403	ug/l	Env. Eng.
0	MANGANESE		18	ug/l	Env. Eng.
0	SODIUM		4300	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		2440	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		6330	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		16000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		8	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA		2.30+-1.15	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.87+-0.90	pCi/l	Rad. Meas.
1	TOTAL RADIUM		2.87+-0.90	pCi/l	Rad. Meas.
2	TRITIUM		26.60+-0.63	pCi/ml	Rad. Meas.

WELL BGO 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/11/89 Time 1045
pH = 6.4 Alkalinity = 12 mg/L
Specific Conductance = 54 umhos/cm
Water Temperature = 21.3 degrees Celsius
Water evacuated from the well prior to sampling = 26 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		50.00	UMHC	Env. Lab.
0	SPECIFIC CONDUCTANCE		53.00	UMHC	W. A.
0	SPECIFIC CONDUCTANCE		60.80	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		54.40	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		58.30	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		59.20	UMHC	Env. Eng.

CONTINUED

WELL BGO 4D COLLECTED ON 03/11/89 LABORATORY ANALYSES CONTINUED

0	PH		6.30	pH	Env. Lab
1	PH		6.60	pH	W. A.
0	PH		6.11	pH	Env. Eng
0	PH		6.20	pH	Env. Eng
0	PH		6.03	pH	Env. Eng.
0	PH		5.85	pH	Env. Eng.
0	TURBIDITY	LT	1	NTU	Env. Lab.
0	TURBIDITY		0.32	NTU	W. A.
0	TURBIDITY		0.41	NTU	Env. Eng
0	SILVER	LT	10	ug/l	Env. Lab
0	SILVER	LT	10	ug/l	W. A.
0	SILVER	LT	2	ug/l	Env. Eng
0	ALUMINUM	LT	200	ug/l	W. A.
0	ARSENIC	LT	5	ug/l	Env. Lab
0	ARSENIC	LT	10	ug/l	W. A.
0	ARSENIC	LT	2	ug/l	Env. Eng
0	BARIUM	LT	100	ug/l	Env. Lab
0	BARIUM	LT	200	ug/l	W. A.
0	BARIUM		8	ug/l	Env. Eng
0	BERYLLIUM	LT	5	ug/l	W. A.
0	BROMODICHLOROMETHANE	LT	1	ug/l	Env. Lab
0	BROMODICHLOROMETHANE	LT	5	ug/l	W. A.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng
0	CALCIUM		6500	ug/l	Env. Lab
0	CALCIUM		5710	ug/l	W. A.
0	CALCIUM		6320	ug/l	Env. Eng
0	TRICHLOROFLUOROMETHANE	LT	1	ug/l	Env. Lab
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	W. A.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Lab
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	W. A.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	10	ug/l	Env. Lab.
0	CADMIUM	LT	5	ug/l	W. A.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	1	ug/l	Env. Lab.
0	BROMOFORM	LT	5	ug/l	W. A.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Lab
0	CHLOROFORM	LT	5	ug/l	W. A.
0	CHLOROFORM	LT	5	ug/l	Env. Eng
0	METHYLENE CHLORIDE	LT	1	ug/l	Env. Lab
0	METHYLENE CHLORIDE	LT	5	ug/l	W. A.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	1	ug/l	Env. Lab.
0	BROMOMETHANE	LT	10	ug/l	W. A.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng
0	CHLOROMETHANE	LT	1	ug/l	Env. Lab
0	CHLOROMETHANE	LT	10	ug/l	W. A.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng
0	CHLORIDE		2000	ug/l	Env. Lab
0	CHLORIDE	LT	5000	ug/l	W. A.
0	CHLORIDE		2100	ug/l	Env. Eng
0	CHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	CHLOROBENZENE	LT	5	ug/l	W. A.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	50	ug/l	W. A.
0	CHROMIUM	LT	50	ug/l	Env. Lab
0	CHROMIUM	LT	10	ug/l	W. A.
0	CHROMIUM	LT	4	ug/l	Env. Eng
0	COPPER	LT	25	ug/l	W. A.
0	CHLOROETHENE	LT	1	ug/l	Env. Lab
0	CHLOROETHENE	LT	10	ug/l	W. A
0	CHLOROETHENE	LT	10	ug/l	Env. Eng
0	CHLOROETHANE	LT	1	ug/l	Env. Lab
0	CHLOROETHANE	LT	10	ug/l	W. A
0	CHLOROETHANE	LT	10	ug/l	Env. Eng
0	BENZENE	LT	1	ug/l	Env. Lab.
0	BENZENE	LT	5	ug/l	W. A
0	BENZENE	LT	5	ug/l	Env. Eng
0	DIBROMOCHLOROMETHANE	LT	1	ug/l	Env. Lab
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	W. A.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.05	ug/l	Env. Lab
0	ENDRIN	LT	0.11	ug/l	W. A.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	1	ug/l	Env. Lab
0	ETHYLBENZENE	LT	5	ug/l	W. A.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng
0	FLUORIDE	LT	100	ug/l	Env. Lab.
0	FLUORIDE	LT	100	ug/l	W. A.
0	FLUORIDE		190	ug/l	W. A.
0	FLUORIDE	LT	100	ug/l	Env. Eng
0	FLUORIDE	LT	100	ug/l	Env. Eng
0	IRON	LT	500	ug/l	Env. Lab
0	IRON	LT	100	ug/l	W. A.
0	IRON		18	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Lab
0	MERCURY	LT	0.20	ug/l	W. A
0	MERCURY	LT	0.20	ug/l	Env. Eng
0	POTASSIUM	LT	1000	ug/l	Env. Lab
0	POTASSIUM	LT	5000	ug/l	W. A
0	POTASSIUM	LT	500	ug/l	Env. Eng
0	LITHIUM	LT	50	ug/l	W. A.
0	LINDANE	LT	0.05	ug/l	Env. Lab
0	LINDANE	LT	0.05	ug/l	W. A.
0	LINDANE	LT	0.05	ug/l	Env. Eng
0	TOLUENE	LT	1	ug/l	Env. Lab
0	TOLUENE	LT	5	ug/l	W. A.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.05	ug/l	Env. Lab
0	METHOXYCHLOR	LT	0.53	ug/l	W. A
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		230	ug/l	Env. Lab
0	MAGNESIUM	LT	5000	ug/l	W. A
0	MAGNESIUM		227	ug/l	Env. Eng
1	MANGANESE		30	ug/l	Env. Lab
0	MANGANESE		15	ug/l	W. A
0	MANGANESE		19	ug/l	Env. Eng

CONTINUED

WELL BGO 4D COLLECTED ON 03/11/89 LABORATORY ANALYSES CONTINUED

0	SODIUM		2200	ug/l	Env. Lab.
0	SODIUM	LT	5000	ug/l	W. A.
0	SODIUM		2140	ug/l	Env. Eng.
0	NICKEL	LT	40	ug/l	W. A.
0	NITRATE AS NITROGEN		2000	ug/l	Env. Lab.
0	NITRATE AS NITROGEN		1100	ug/l	W. A.
0	NITRATE AS NITROGEN		1120	ug/l	Env. Eng.
0	LEAD	LT	100	ug/l	Env. Lab.
0	LEAD	LT	5	ug/l	W. A.
0	LEAD	LT	0	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Lab.
0	PHENOLS	LT	5	ug/l	W. A.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	60	ug/l	W. A.
0	SELENIUM	LT	10	ug/l	Env. Lab.
0	SELENIUM	LT	5	ug/l	W. A.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		8020	ug/l	Env. Lab.
1	SILICA		3340	ug/l	W. A.
1	SILICA		7670	ug/l	Env. Eng.
0	SILVEX	LT	0.50	ug/l	Env. Lab.
0	SILVEX	LT	0.52	ug/l	W. A.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	TIN	LT	100	ug/l	W. A.
0	SULFATE		6000	ug/l	Env. Lab.
0	SULFATE	LT	5000	ug/l	W. A.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,2,2-TETRACHLOROETHANE	LT	5	ug/l	W. A.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Lab.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	W. A.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		57000	ug/l	Env. Lab.
0	TOTAL DISSOLVED SOLIDS		43000	ug/l	W. A.
0	TOTAL DISSOLVED SOLIDS		36000	ug/l	Env. Eng.
0	THALLIUM	LT	10	ug/l	W. A.
0	TOTAL ORGANIC CARBON	LT	5000	ug/l	Env. Lab.
0	TOTAL ORGANIC CARBON		1200	ug/l	W. A.
1	TOTAL ORGANIC CARBON		7200	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		3300	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	10	ug/l	Env. Lab.
0	TOTAL ORGANIC HALOGENS	LT	20	ug/l	W. A.
1	TOTAL ORGANIC HALOGENS		16	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		19	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		19	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		20	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	10	ug/l	Env. Lab.
0	TOTAL PHOSPHATES	LT	50	ug/l	W. A.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
1	TRICHLOROETHYLENE		1.40	ug/l	Env. Lab.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	W. A.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	0.05	ug/l	Env. Lab.
0	TOXAPHENE	LT	1	ug/l	W. A.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	Env. Lab.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	W. A.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	URANIUM	LT	1000	ug/l	W. A.
0	VANADIUM	LT	50	ug/l	W. A.
0	XYLENES	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	W. A.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHANE	LT	5	ug/l	W. A.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	W. A.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	W. A.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROETHANE	LT	5	ug/l	W. A.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROPROPANE	LT	5	ug/l	W. A.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	1,3-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	CIS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	W. A.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	W. A.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	1,4-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	2-CHLOROETHYLVINYL ETHER	LT	1	ug/l	Env. Lab.
0	2-CHLOROETHYLVINYL ETHER	LT	5	ug/l	W. A.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.50	ug/l	Env. Lab.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	1	ug/l	W. A.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	2,4,5-TRICHLOROPHENOXYACETIC ACID	LT	0.52	ug/l	W. A.
0	ZINC		35	ug/l	W. A.
0	GROSS ALPHA	LT	1	pCi/l	Env. Lab.
0	GROSS ALPHA		0.00+-5.00	pCi/l	W. A.
0	GROSS ALPHA		0.59+-0.59	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Env. Lab.
0	NONVOLATILE BETA		8.00+-3.00	pCi/l	W. A.
0	NONVOLATILE BETA		1.08+-0.86	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	0.76	pCi/l	Env. Lab.
0	TOTAL RADIUM		0.50+-0.30	pCi/l	W. A.

CONTINUED

WELL BGO 4D COLLECTED ON 03/11/89 LABORATORY ANALYSES CONTINUED

0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
2	TRITIUM		20.40+-1.30	pCi/ml	Env. Lab
2	TRITIUM		280+- 10	pCi/ml	W. A.
2	TRITIUM		217+-2.46	pCi/ml	Rad. Meas

WELL BGO 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/11/89 Time 1045
pH = 6.4 Alkalinity = 12 mg/L
Specific Conductance = 54 umhos/cm
Water Temperature = 21.3 degrees Celsius
Water evacuated from the well prior to sampling = 26 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		56.60	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		57.80	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		62.70	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		64.40	UMHC	Env. Eng.
0	PH		5.88	pH	Env. Eng.
0	PH		5.85	pH	Env. Eng.
0	PH		5.82	pH	Env. Eng.
0	PH		5.85	pH	Env. Eng.
0	TURBIDITY		0.25	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		8	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		6140	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2100	ug/l	Env. Eng.
0	CHLORIDE		2100	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		16	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		227	ug/l	Env. Eng.
0	MANGANESE		15	ug/l	Env. Eng.
0	SODIUM		2130	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1120	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		7530	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		30000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		10	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		11	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		11	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		19	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		17	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		0.92+-0.77	pCi/l	Rad. Meas
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
2	TRITIUM		204+-2.42	pCi/ml	Rad. Meas

WELL 800 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/08/89 Time 920
Depth to water = 81.22 ft (24.76 m) below the TOC
Water elevation = 214.88 ft (65.50 m) msl
pH = 7.5 Alkalinity = 18 mg/L
Specific Conductance = 87 umhos/cm
Water Temperature = 19.0 degrees Celsius
Water evacuated from the well prior to sampling = 15 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		89.70	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		95.70	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		95.50	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		93.10	UMHC	Env. Eng.
1	PH		6.98	pH	Env. Eng.
1	PH		7.00	pH	Env. Eng.
1	PH		7.21	pH	Env. Eng.
1	PH		7.19	pH	Env. Eng.
0	TURBIDITY		4	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		14	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		8020	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2300	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
1	CHROMIUM		7	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
1	BENZENE		7	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		120	ug/l	Env. Eng.
0	IRON		34	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		649	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		447	ug/l	Env. Eng.
0	MANGANESE		11	ug/l	Env. Eng.
0	SODIUM		2300	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		790	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		14000	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		66000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
1	TOTAL ORGANIC CARBON		6600	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		7	ug/l	Env. Eng.
1	TOTAL PHOSPHATES		640	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas
0	NONVOLATILE BETA		3.05+-0.95	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.22+-0.64	pCi/l	Rad. Meas.
1	TRITIUM		11.40+-0.38	pCi/ml	Rad. Meas.

WELL 800 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/08/89 Time 1005
Depth to water = 65.34 ft (19.92 m) below the TOC
Water elevation = 230.96 ft (70.40 m) msl
pH = 5.0 Alkalinity = 1 mg/L
Specific Conductance = 43 umhos/cm
Water Temperature = 15.7 degrees Celsius
Water evacuated from the well prior to sampling = 4 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		47.80	UMHC	Env. Eng
0	SPECIFIC CONDUCTANCE		47.40	UMHC	Env. Eng
0	SPECIFIC CONDUCTANCE		48.00	UMHC	Env. Eng.
0	PH		4.78	pH	Env. Eng.
0	PH		4.84	pH	Env. Eng.
0	PH		4.85	pH	Env. Eng.
0	TURBIDITY		0.30	NTU	Env. Eng
0	SILVER	LT	2	ug/l	Env. Eng
0	SILVER	LT	2	ug/l	Env. Eng
0	SILVER	LT	2	ug/l	Env. Eng
0	SILVER	LT	2	ug/l	Env. Eng
0	ARSENIC	LT	2	ug/l	Env. Eng
0	ARSENIC	LT	2	ug/l	Env. Eng
0	BARIUM		38	ug/l	Env. Eng
0	BARIUM		47	ug/l	Env. Eng
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng
0	CALCIUM		1560	ug/l	Env. Eng
0	CALCIUM		1540	ug/l	Env. Eng
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		5300	ug/l	Env. Eng
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng
0	CHROMIUM	LT	4	ug/l	Env. Eng
0	CHLOROETHENE	LT	10	ug/l	Env. Eng
0	CHLOROETHANE	LT	10	ug/l	Env. Eng
0	BENZENE	LT	5	ug/l	Env. Eng
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng
0	ENDRIN	LT	0.10	ug/l	Env. Eng
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng
0	FLUORIDE	LT	100	ug/l	Env. Eng
0	IRON		63	ug/l	Env. Eng
0	IRON		65	ug/l	Env. Eng
0	MERCURY	LT	0.20	ug/l	Env. Eng
0	POTASSIUM	LT	500	ug/l	Env. Eng
0	POTASSIUM	LT	500	ug/l	Env. Eng
0	LINDANE	LT	0.05	ug/l	Env. Eng
0	TOLUENE	LT	5	ug/l	Env. Eng
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		1130	ug/l	Env. Eng
0	MAGNESIUM		1110	ug/l	Env. Eng.
2	MANGANESE		52	ug/l	Env. Eng
2	MANGANESE		52	ug/l	Env. Eng
0	SODIUM		3160	ug/l	Env. Eng
0	SODIUM		3050	ug/l	Env. Eng
0	NITRATE AS NITROGEN		1950	ug/l	Env. Eng
0	LEAD	LT	6	ug/l	Env. Eng.
0	LEAD		7	ug/l	Env. Eng
0	PHENOLS	LT	5	ug/l	Env. Eng
0	SELENIUM	LT	2	ug/l	Env. Eng
0	SELENIUM	LT	2	ug/l	Env. Eng
1	SILICA		6880	ug/l	Env. Eng
0	SILVEX	LT	0.09	ug/l	Env. Eng
0	SULFATE	LT	5000	ug/l	Env. Eng
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng
0	TOTAL DISSOLVED SOLIDS		64000	ug/l	Env. Eng
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng
0	TOTAL ORGANIC CARBON		1300	ug/l	Env. Eng
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng
0	TOTAL ORGANIC HALOGENS		5	ug/l	Env. Eng
0	TOTAL ORGANIC HALOGENS		6	ug/l	Env. Eng
0	TOTAL ORGANIC HALOGENS		6	ug/l	Env. Eng
2	TOTAL ORGANIC HALOGENS		35	ug/l	Env. Eng
2	TOTAL ORGANIC HALOGENS		30	ug/l	Env. Eng
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng
0	TOXAPHENE	LT	1	ug/l	Env. Eng
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng
0	GROSS ALPHA		4.89+-1.46	pCi/l	HP. 235A
0	GROSS ALPHA		3.76+-1.28	pCi/l	Rad. Meas
0	NONVOLATILE BETA		4.26+-1.25	pCi/l	HP. 235A
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas
0	TOTAL RADIUM		2.06+-0.94	pCi/l	Rad. Meas
2	TRITIUM		87.10+-1.37	pCi/ml	HP. 235A
2	TRITIUM		84.00+-1.35	pCi/ml	Rad. Meas

WELL BGO 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/02/89 Time 1525
Depth to water = 127.26 ft (38.79 m) below the TOC
Water elevation = 158.34 ft (48.26 m) msl
pH = 7.5 Alkalinity = 137 mg/L
Specific Conductance = 310 umhos/cm
Water Temperature = 19.2 degrees Celsius
Water evacuated from the well prior to sampling = 147 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		297.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		315.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		315.0	UMHC	Env. Eng.
1	PH		7.46	pH	Env. Eng.
1	PH		7.50	pH	Env. Eng.
1	PH		7.55	pH	Env. Eng.
0	TURBIDITY		0.13	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
1	ARSENIC		2	ug/l	Env. Eng.
0	BARIUM		42	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		58000	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		76	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		995	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		1400	ug/l	Env. Eng.
0	MANGANESE		7	ug/l	Env. Eng.
0	SODIUM		3240	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		44300	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE		9900	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		221000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1500	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1100	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1200	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1300	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		120	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM	LT	0.70	pCi/ml	Rad. Meas.

WELL BGO 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/04/89 Time 1435
Depth to water = 66.93 ft (20.40 m) below the TOC
Water elevation = 218.67 ft (66.65 m) msl
pH = 7.7 Alkalinity = 65 mg/L
Specific Conductance = 149 umhos/cm
Water Temperature = 18.9 degrees Celsius
Water evacuated from the well prior to sampling = 173 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		153.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		153.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		154.0	UMHC	Env. Eng.
1	PH		7.21	pH	Env. Eng.

CONTINUED

WELL BGO 6C COLLECTED ON 01/04/89 LABORATORY ANALYSES CONTINUED

1	PH		7.32	pH	Env. Eng.
1	PH		7.35	pH	Env. Eng.
0	TURBIDITY		0.03	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		14	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		30000	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2800	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1150	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		806	ug/l	Env. Eng.
0	MANGANESE		3	ug/l	Env. Eng.
0	SODIUM		2410	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		970	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		10500	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		102000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		7	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		110	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA		1.01+-0.72	pCi/l	HP, 735A
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.08+-1.03	pCi/l	HP, 735A
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
2	TRITIUM		2090+-6.46	pCi/ml	HP, 735A
2	TRITIUM		39.90+-0.87	pCi/ml	Rad. Meas.

WELL BGO 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/05/89 Time 1115
Depth to water = 54.30 ft (16.55 m) below the TOC
Water elevation = 231.20 ft (70.47 m) msl
pH = 6.7 Alkalinity = 26 mg/L
Specific Conductance = 110 umhos/cm
Water Temperature = 12.3 degrees Celsius
Water evacuated from the well prior to sampling = 5 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		120.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		117.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		112.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		113.0	UMHC	Env. Eng.
0	PH		6.22	pH	Env. Eng.
0	PH		6.17	pH	Env. Eng.
0	PH		6.30	pH	Env. Eng.
0	PH		6.33	pH	Env. Eng.
0	TURBIDITY		0.23	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		19	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		12000	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.

CONTINUED

WELL BGO 8D COLLECTED ON 01/05/89 LABORATORY ANALYSES CONTINUED

0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2100	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		30	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1370	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		639	ug/l	Env. Eng.
1	MANGANESE		48	ug/l	Env. Eng.
0	SODIUM		2050	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		480	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		480	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		8060	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		74000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		6	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		6	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		7	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		7	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		30	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA		2.32+-1.05	pCi/l	HP, 735A
0	GROSS ALPHA		2.19+-1.04	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		4.30+-1.28	pCi/l	HP, 735A
0	NONVOLATILE BETA		3.27+-0.95	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.68+-0.58	pCi/l	Rad. Meas.
2	TRITIUM		3020+-7.77	pCi/ml	HP, 735A
2	TRITIUM		7218+-96.8	pCi/ml	Rad. Meas.

WELL BGO 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/02/89 Time 1605
Depth to water = 51.33 ft (15.65 m) below the TOC
Water elevation = 231.07 ft (70.43 m) msl
pH = 4.8 Alkalinity = 0 mg/L
Specific Conductance = 34 umhos/cm
Water Temperature = 19.3 degrees Celsius
Water evacuated from the well prior to sampling = 59 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		39.40	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		38.00	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		36.60	UMHC	Env. Eng.
0	PH		4.71	pH	Env. Eng.
0	PH		4.79	pH	Env. Eng.
0	PH		4.84	pH	Env. Eng.
0	TURBIDITY		0.49	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		10	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		1940	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.

CONTINUED

WELL BGO 7D COLLECTED ON 01/02/89 LABORATORY ANALYSES CONTINUED

0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		12	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		708	ug/l	Env. Eng.
0	MANGANESE		19	ug/l	Env. Eng.
0	SODIUM		2500	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1470	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		8280	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		13.0	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		34000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		34000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		65	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		84.0	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA		1.86+-0.96	pCi/l	Rad. Meas
0	NONVOLATILE BETA		1.19+-0.87	pCi/l	Rad. Meas
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas
2	TRITIUM		30.20+-1.11	pCi/ml	Rad. Meas

WELL BGO 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/08/89 Time 1040
Depth to water = 121.20 ft (36.94 m) below the TOC
Water elevation = 162.00 ft (49.38 m) msl
pH = 12.1 Alkalinity = 86 mg/L
Specific Conductance = 2400 umhos/cm
Water Temperature = 18.9 degrees Celsius
Water evacuated from the well prior to sampling = 28 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		2202	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		2208	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		2226	UMHC	Env. Eng.
2	PH		11.7	pH	Env. Eng.
2	PH		11.7	pH	Env. Eng.
2	PH		11.8	pH	Env. Eng.
0	TURBIDITY		0.28	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
1	ARSENIC		2	ug/l	Env. Eng.
1	BARIUM		147	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		24800	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		1400	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
1	BENZENE		10	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		130	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
1	POTASSIUM		9380	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.

CONTINUED

WELL BGO 8A COLLECTED ON 01/08/89 LABORATORY ANALYSES CONTINUED

0	MAGNESIUM		252	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
1	SODIUM		9480	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
1	PHENOLS		78	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		18100	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
1	SULFATE		13700	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		370000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		7	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		80	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
1	GROSS ALPHA		8.74+-6.94	pCi/l	Rad. Meas.
2	GROSS ALPHA		16.20+-8.57	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		79.70+-5.20	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		98.70+-5.90	pCi/l	Rad. Meas.
1	TOTAL RADIUM		2.80+-0.94	pCi/l	Rad. Meas.
0	TOTAL RADIUM		2.48+-0.85	pCi/l	Rad. Meas.
0	TRITIUM	LT	0.70	pCi/ml	Rad. Meas.
0	TRITIUM	LT	0.70	pCi/ml	Rad. Meas.

WELL BGO 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/04/89 Time 1145
Depth to water = 60.52 ft (18.45 m) below the TOC
Water elevation = 222.78 ft (67.90 m) msl
pH = 7.4 Alkalinity = 42 mg/L
Specific Conductance = 117 umhos/cm
Water Temperature = 19.1 degrees Celsius
Water evacuated from the well prior to sampling = 152 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		122.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		122.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		123.0	UMHC	Env. Eng.
1	PH		7.01	pH	Env. Eng.
1	PH		7.09	pH	Env. Eng.
1	PH		7.09	pH	Env. Eng.
0	TURBIDITY		0.16	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		18	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		13500	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2400	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		4030	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		584	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
1	SODIUM		5750	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		760	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		10200	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.

CONTINUED

WELL BGO 8C COLLECTED ON 01/04/89 LABORATORY ANALYSES CONTINUED

0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		110000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		150	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		5.15+-1.07	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM	LT	0.70	pCi/ml	Rad. Meas.

WELL BGO 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/11/89 Time 1250
Depth to water = 52.89 ft (16.12 m) below the TOC
Water elevation = 230.31 ft (70.20 m) msl
pH = 5.2 Alkalinity = 0 mg/L
Specific Conductance = 27 umhos/cm
Water Temperature = 19.3 degrees Celsius
Water evacuated from the well prior to sampling = 52 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		28.00	UMHC	Env. Lab.
0	SPECIFIC CONDUCTANCE		24.90	UMHC	W. A.
0	SPECIFIC CONDUCTANCE		42.50	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		33.80	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		35.10	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		35.20	UMHC	Env. Eng.
0	PH		5.10	pH	Env. Lab.
0	PH		5.30	pH	W. A.
0	PH		5.19	pH	Env. Eng.
0	PH		5.09	pH	Env. Eng.
0	PH		5.09	pH	Env. Eng.
0	PH		5.04	pH	Env. Eng.
0	TURBIDITY		8	NTU	Env. Lab.
0	TURBIDITY		44	NTU	W. A.
0	TURBIDITY		4	NTU	Env. Eng.
0	SILVER	LT	10	ug/l	Env. Lab.
0	SILVER	LT	10	ug/l	W. A.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	200	ug/l	W. A.
0	ARSENIC	LT	5	ug/l	Env. Lab.
0	ARSENIC	LT	10	ug/l	W. A.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	100	ug/l	Env. Lab.
0	BARIUM	LT	200	ug/l	W. A.
0	BARIUM		11	ug/l	Env. Eng.
0	BERYLLIUM	LT	5	ug/l	W. A.
0	BROMODICHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	BROMODICHLOROMETHANE	LT	5	ug/l	W. A.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		910	ug/l	Env. Lab.
0	CALCIUM	LT	5000	ug/l	W. A.
0	CALCIUM		940	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	1	ug/l	Env. Lab.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	W. A.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Lab.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	W. A.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	10	ug/l	Env. Lab.
0	CADMIUM	LT	5	ug/l	W. A.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	1	ug/l	Env. Lab.
0	BROMOFORM	LT	5	ug/l	W. A.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Lab.
0	CHLOROFORM	LT	5	ug/l	W. A.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	1	ug/l	Env. Lab.
0	METHYLENE CHLORIDE	LT	5	ug/l	W. A.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	1	ug/l	Env. Lab.
0	BROMOMETHANE	LT	10	ug/l	W. A.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	CHLOROMETHANE	LT	10	ug/l	W. A.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3000	ug/l	Env. Lab.
0	CHLORIDE		5900	ug/l	W. A.
0	CHLORIDE		2500	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	CHLOROBENZENE	LT	5	ug/l	W. A.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	50	ug/l	W. A.

CONTINUED

WELL BGO 8D COLLECTED ON 03/11/89 LABORATORY ANALYSES CONTINUED

0	CHROMIUM	LT	50	ug/l	Env. Lab.
0	CHROMIUM	LT	10	ug/l	W. A.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	25	ug/l	W. A.
0	CHLOROETHENE	LT	1	ug/l	Env. Lab.
0	CHLOROETHENE	LT	10	ug/l	W. A.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	1	ug/l	Env. Lab.
0	CHLOROETHANE	LT	10	ug/l	W. A.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	1	ug/l	Env. Lab.
0	BENZENE	LT	5	ug/l	W. A.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	W. A.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.05	ug/l	Env. Lab.
0	ENDRIN	LT	0.10	ug/l	W. A.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	1	ug/l	Env. Lab.
0	ETHYLBENZENE	LT	5	ug/l	W. A.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Lab.
0	FLUORIDE	LT	100	ug/l	W. A.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	50	ug/l	Env. Lab.
0	IRON	LT	100	ug/l	W. A.
0	IRON		35	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Lab.
0	MERCURY	LT	0.20	ug/l	W. A.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	1000	ug/l	Env. Lab.
0	POTASSIUM	LT	5000	ug/l	W. A.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	LITHIUM	LT	50	ug/l	W. A.
0	LINDANE	LT	0.05	ug/l	Env. Lab.
0	LINDANE	LT	0.05	ug/l	W. A.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	1	ug/l	Env. Lab.
0	TOLUENE	LT	5	ug/l	W. A.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.05	ug/l	Env. Lab.
0	METHOXYCHLOR	LT	0.52	ug/l	W. A.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		420	ug/l	Env. Lab.
0	MAGNESIUM	LT	5000	ug/l	W. A.
0	MAGNESIUM		432	ug/l	Env. Eng.
1	MANGANESE		30	ug/l	Env. Lab.
0	MANGANESE	LT	15	ug/l	W. A.
0	MANGANESE		21	ug/l	Env. Eng.
0	SODIUM		2400	ug/l	Env. Lab.
0	SODIUM	LT	5000	ug/l	W. A.
0	SODIUM		2260	ug/l	Env. Eng.
0	NICKEL	LT	40	ug/l	W. A.
0	NITRATE AS NITROGEN		1500	ug/l	Env. Lab.
0	NITRATE AS NITROGEN		1300	ug/l	W. A.
0	NITRATE AS NITROGEN		1280	ug/l	Env. Eng.
0	LEAD	LT	100	ug/l	Env. Lab.
0	LEAD	LT	5	ug/l	W. A.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Lab.
0	PHENOLS	LT	5	ug/l	W. A.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	60	ug/l	W. A.
0	SELENIUM	LT	10	ug/l	Env. Lab.
0	SELENIUM	LT	5	ug/l	W. A.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		8060	ug/l	Env. Lab.
1	SILICA		3110	ug/l	W. A.
1	SILICA		7150	ug/l	Env. Eng.
1	SILICA		7150	ug/l	Env. Eng.
0	SILVEX	LT	0.05	ug/l	Env. Lab.
0	SILVEX	LT	0.52	ug/l	W. A.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	TIN	LT	100	ug/l	W. A.
0	SULFATE	LT	5000	ug/l	Env. Lab.
1	SULFATE		10300	ug/l	W. A.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,2,2-TETRACHLOROETHANE	LT	5	ug/l	W. A.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Lab.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	W. A.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		42000	ug/l	Env. Lab.
0	TOTAL DISSOLVED SOLIDS		27000	ug/l	W. A.
0	TOTAL DISSOLVED SOLIDS		24000	ug/l	Env. Eng.
0	THALLIUM	LT	10	ug/l	W. A.
0	TOTAL ORGANIC CARBON	LT	5000	ug/l	Env. Lab.
0	TOTAL ORGANIC CARBON	LT	500	ug/l	W. A.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	10	ug/l	Env. Lab.
0	TOTAL ORGANIC HALOGENS	LT	20	ug/l	W. A.
1	TOTAL ORGANIC HALOGENS		16	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		16	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		13	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		17	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		14	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		30	ug/l	Env. Lab.
0	TOTAL PHOSPHATES	LT	50	ug/l	W. A.
0	TOTAL PHOSPHATES		44	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		48	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		9.20	ug/l	Env. Lab.

CONTINUED

WELL BGO 8D COLLECTED ON 03/11/89 LABORATORY ANALYSES CONTINUED

2	TRICHLOROETHYLENE		9.00	ug/l	W. A.
2	TRICHLOROETHYLENE		9.00	ug/l	Env. Eng
0	TOXAPHENE	LT	0.05	ug/l	Env. Lab
0	TOXAPHENE	LT	1	ug/l	W. A.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	Env. Lab.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	W. A.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng
0	URANIUM	LT	1000	ug/l	W. A.
0	VANADIUM	LT	50	ug/l	W. A.
0	XYLENES	LT	1	ug/l	Env. Lab
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	Env. Lab
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	W. A.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng
0	1,1-DICHLOROETHANE	LT	1	ug/l	Env. Lab
0	1,1-DICHLOROETHANE	LT	5	ug/l	W. A.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
1	1,1,1-TRICHLOROETHANE		4	ug/l	Env. Lab
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	W. A.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,1,2-TRICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	W. A.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,2-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROETHANE	LT	5	ug/l	W. A.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROPROPANE	LT	5	ug/l	W. A.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	1,3-DICHLOROBENZENE	LT	1	ug/l	Env. Lab
0	CIS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	W. A.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng
0	TRANS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	W. A.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng
0	1,4-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	2-CHLOROETHYLVINYL ETHER	LT	1	ug/l	Env. Lab.
0	2-CHLOROETHYLVINYL ETHER	LT	5	ug/l	W. A
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.05	ug/l	Env. Lab.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	1	ug/l	W. A.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng
0	2,4,5-TRICHLOROPHENOXYACETIC ACID	LT	0.52	ug/l	W. A.
0	ZINC	LT	20	ug/l	W. A.
1	GROSS ALPHA		11.01+-4.96	pCi/l	Env. Lab.
1	GROSS ALPHA		6.00+-3.00	pCi/l	W. A.
0	GROSS ALPHA		1.25+-0.63	pCi/l	Rad. Meas
2	NONVOLATILE BETA		107+-9.73	pCi/l	Env. Lab.
1	NONVOLATILE BETA		12.00+-3.00	pCi/l	W. A.
0	NONVOLATILE BETA		1.65+-0.77	pCi/l	Rad. Meas
0	TOTAL RADIUM		1.04+-0.28	pCi/l	Env. Lab.
0	TOTAL RADIUM		0.70+-0.40	pCi/l	W. A.
0	TOTAL RADIUM		1.29+-0.70	pCi/l	Rad. Meas
1	TRITIUM		11.54+-0.73	pCi/ml	Env. Lab
2	TRITIUM		20.00+-1.00	pCi/ml	W. A.
1	TRITIUM		13.80+-0.40	pCi/ml	Rad. Meas

WELL BGO 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/11/89 Time 1250
Depth to water = 52.89 ft (16.12 m) below the TOC
Water elevation = 230.31 ft (70.20 m) msl
pH = 5.2 Alkalinity = 0 mg/L
Specific Conductance = 27 umhos/cm
Water Temperature = 19.3 degrees Celsius
Water evacuated from the well prior to sampling = 52 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		29.70	UMHC	Env. Eng
0	SPECIFIC CONDUCTANCE		27.90	UMHC	Env. Eng
0	SPECIFIC CONDUCTANCE		35.60	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		35.60	UMHC	Env. Eng
0	SPECIFIC CONDUCTANCE		30.30	UMHC	Env. Eng
0	PH		4.72	pH	Env. Eng
0	PH		4.70	pH	Env. Eng
0	PH		4.68	pH	Env. Eng
0	PH		4.55	pH	Env. Eng
0	PH		4.67	pH	Env. Eng
0	TURBIDITY		4	NTU	Env. Eng
0	SILVER	LT	2	ug/l	Env. Eng
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		11	ug/l	Env. Eng
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng
0	CALCIUM		875	ug/l	Env. Eng
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng
0	CADMIUM	LT	2	ug/l	Env. Eng
0	BROMOFORM	LT	10	ug/l	Env. Eng
0	CHLOROFORM	LT	5	ug/l	Env. Eng
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng
0	BROMOMETHANE	LT	10	ug/l	Env. Eng
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng
0	CHLORIDE		2500	ug/l	Env. Eng
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng
0	CHROMIUM	LT	4	ug/l	Env. Eng
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng
0	BENZENE	LT	5	ug/l	Env. Eng
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng
0	ENDRIN	LT	0.10	ug/l	Env. Eng

CONTINUED

WELL BGO 8D COLLECTED ON 03/11/89 LABORATORY ANALYSES CONTINUED

0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		18	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		42[illegible]	ug/l	Env. Eng.
0	MANGANESE		17	ug/l	Env. Eng.
0	SODIUM		2220	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1270	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		7120	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		24000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		12	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		16	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		18	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		17	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		11.0	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA		1.33+-0.60	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		0.99+-0.85	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.51+-0.70	pCi/l	Rad. Meas.
1	TRITIUM		14.70+-0.42	pCi/ml	Rad. Meas.

WELL BGO 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/04/89 Time 1030
Depth to water = 54.68 ft (16.67 m) below the TOC
Water elevation = 230.42 ft (70.23 m) msl
pH = 5.3 Alkalinity = 1 mg/L
Specific Conductance = 38 umhos/cm
Water Temperature = 20.9 degrees Celsius
Water evacuated from the well prior to sampling = 70 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		40.80	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		45.10	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		44.40	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		39.80	UMHC	Env. Eng.
0	PH		5.01	pH	Env. Eng.
0	PH		4.92	pH	Env. Eng.
0	PH		4.84	pH	Env. Eng.
0	PH		4.94	pH	Env. Eng.
0	TURBIDITY		0.15	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		13	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		1950	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2500	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.

CONTINUED

WELL BGO 9D COLLECTED ON 01/04/89 LABORATORY ANALYSES CONTINUED

0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		80	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		623	ug/l	Env. Eng.
2	MANGANESE		57	ug/l	Env. Eng.
0	SODIUM		3030	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1670	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		8070	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		24000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		7	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA		1.06+-0.84	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.45+-0.81	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
2	TRITIUM		70.40+-1.49	pCi/ml	Rad. Meas.

WELL BGO 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/07/89 Time 1335
Depth to water = 132.19 ft (40.29 m) below the TOC
Water elevation = 168.71 ft (51.42 m) msl
pH = 8.1 Alkalinity = 102 mg/L
Specific Conductance = 230 umhos/cm
Water Temperature = 19.1 degrees Celsius
Water evacuated from the well prior to sampling = 34 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		243.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		238.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		236.0	UMHC	Env. Eng.
2	PH		8.21	pH	Env. Eng.
2	PH		8.15	pH	Env. Eng.
2	PH		8.21	pH	Env. Eng.
0	TURBIDITY		0.49	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
1	ARSENIC		4	ug/l	Env. Eng.
0	BARIUM		10	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		35400	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2900	ug/l	Env. Eng.
0	CHLORIDE		3000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
1	BENZENE		10	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.

CONTINUED

WELL BGO 10A COLLECTED ON 01/07/89 LABORATORY ANALYSES CONTINUED

0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		110	ug/l	Env. Eng.
0	IRON		40	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1880	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		1120	ug/l	Env. Eng.
0	MANGANESE		4	ug/l	Env. Eng.
1	SODIUM		14200	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
1	PHENOLS		54	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		82000	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
1	SULFATE		20300	ug/l	Env. Eng.
1	SULFATE		20200	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		222000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1100	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1100	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1200	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1200	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		50	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		3.58+-1.32	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM	LT	0.70	pCi/ml	Rad. Meas.

WELL BGO 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/07/89 Time 1415
Depth to water = 82.64 ft (25.19 m) below the TOC
Water elevation = 218.66 ft (66.65 m) msl
pH = 11.1 Alkalinity = 100 mg/L
Specific Conductance = 255 umhos/cm
Water Temperature = 19.2 degrees Celsius
Water evacuated from the well prior to sampling = 32 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		265.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		268.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		272.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		270.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		269.0	UMHC	Env. Eng.
2	PH		10.7	pH	Env. Eng.
2	PH		10.8	pH	Env. Eng.
2	PH		10.4	pH	Env. Eng.
2	PH		10.5	pH	Env. Eng.
2	PH		10.5	pH	Env. Eng.
0	TURBIDITY		0.45	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		52	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		41000	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3300	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
1	BENZENE		9	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		120	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		873	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.

CONTINUED

WELL BGO 10C COLLECTED ON 01/07/89 LABORATORY ANALYSES CONTINUED

0	MAGNESIUM		1400	ug/l	Env. Eng.
0	MANGANESE		12	ug/l	Env. Eng.
1	SODIUM		7340	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		260	ug/l	Env. Eng.
0	LEAD		9	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		15700	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE		5600	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		74000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		100	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA		2.67+-1.85	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		7.14+-1.47	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.16+-0.58	pCi/l	Rad. Meas.
0	TRITIUM	LT	0.70	pCi/ml	Rad. Meas.

WELL BGO 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/07/89 Time 940
The well was dry.

WELL BGO 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/04/89 Time 1225
Depth to water = 75.26 ft (22.94 m) below the TOC
Water elevation = 230.04 ft (70.12 m) msl
pH = 5.2 Alkalinity = 0 mg/L
Specific Conductance = 37 umhos/cm
Water Temperature = 19.2 degrees Celsius
Water evacuated from the well prior to sampling = 50 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		36.70	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		36.30	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		34.30	UMHC	Env. Eng.
0	PH		4.82	pH	Env. Eng.
0	PH		4.77	pH	Env. Eng.
0	PH		4.77	pH	Env. Eng.
0	TURBIDITY		0.74	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		7	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		3090	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2900	ug/l	Env. Eng.
0	CHLORIDE		3000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		560	ug/l	Env. Eng.
0	MANGANESE		14	ug/l	Env. Eng.

CONTINUED

WELL BGO 11D COLLECTED ON 01/04/89 LABORATORY ANALYSES CONTINUED

0	SODIUM		3010	ug/l	Env. Eng.
0	SODIUM		3110	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		2030	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		6980	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		28000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		13	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA		2.32+-1.02	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.41+-0.87	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.89+-0.71	pCi/l	Rad. Meas.
0	TRITIUM		8.22+-0.35	pCi/ml	Rad. Meas.

WELL BGO 12A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/08/89 Time 735
Depth to water = 130.86 ft (39.89 m) below the TOC
Water elevation = 182.54 ft (55.64 m) msl
pH = 7.1 Alkalinity = 50 mg/L
Specific Conductance = 152 umhos/cm
Water Temperature = 18.5 degrees Celsius
Water evacuated from the well prior to sampling = 34 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		166.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		164.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		164.0	UMHC	Env. Eng.
1	PH		6.95	pH	Env. Eng.
1	PH		6.89	pH	Env. Eng.
1	PH		6.89	pH	Env. Eng.
0	TURBIDITY		0.48	NTU	Env. Eng.
0	TURBIDITY		0.45	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		63	ug/l	Env. Eng.
1	BARIUM		70	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		22800	ug/l	Env. Eng.
1	CALCIUM		25300	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2300	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
1	BENZENE		14	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		30	ug/l	Env. Eng.
0	IRON		42	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1280	ug/l	Env. Eng.
0	POTASSIUM		1370	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		559	ug/l	Env. Eng.
0	MANGANESE		4	ug/l	Env. Eng.
0	MANGANESE		4	ug/l	Env. Eng.
0	SODIUM		2550	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		290	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.

CONTINUED

WELL BGO 12A COLLECTED ON 01/08/89 LABORATORY ANALYSES CONTINUED

0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		17100	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
1	SULFATE		11200	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		80000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		12	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		8	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		7	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		120	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		23.0	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.84+-0.96	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.88+-0.53	pCi/l	Rad. Meas.
0	TRITIUM	LT	0.70	pCi/ml	Rad. Meas.

WELL BGO 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/08/89 Time 755
Depth to water = 94.10 ft (28.68 m) below the TOC
Water elevation = 219.50 ft (66.90 m) msl
pH = 11.8 Alkalinity = 231 mg/L
Specific Conductance = 4400 umhos/cm
Water Temperature = 18.6 degrees Celsius
Water evacuated from the well prior to sampling = 36 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		4140	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		4180	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		4140	UMHC	Env. Eng.
2	PH		12.0	pH	Env. Eng.
2	PH		12.1	pH	Env. Eng.
2	PH		12.0	pH	Env. Eng.
0	TURBIDITY		0.20	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		190	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		81700	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE	LT	1000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM		4	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
2	FLUORIDE		15000	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1020	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		33	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
1	SODIUM		15000	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		380	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
1	PHENOLS		30	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		1840	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		912000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		16	ug/l	Env. Eng.

CONTINUED

WELL BGO 12C COLLECTED ON 01/08/89 LABORATORY ANALYSES CONTINUED

1	TOTAL ORGANIC HALOGENS		22	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		19	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		13	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		40	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		15.0	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		47.00+-13.2	pCi/l	Rad. Meas.
1	TOTAL RADIUM		4.65+-1.08	pCi/l	Rad. Meas.
0	TRITIUM		3.76+-0.28	pCi/ml	Rad. Meas.

WELL BGO 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/08/89 Time 815
Depth to water = 84.06 ft (25.62 m) below the TOC
Water elevation = 229.64 ft (70.00 m) msl
pH = 8.1 Alkalinity = 47 mg/L
Specific Conductance = 176 umhos/cm
Water Temperature = 19.4 degrees Celsius
Water evacuated from the well prior to sampling = 7 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		193.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		187.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		186.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		189.0	UMHC	Env. Eng.
2	PH		8.06	pH	Env. Eng.
1	PH		7.76	pH	Env. Eng.
1	PH		7.43	pH	Env. Eng.
1	PH		7.48	pH	Env. Eng.
0	TURBIDITY		3	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		36	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		23200	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3300	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		26	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		2260	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		1530	ug/l	Env. Eng.
1	MANGANESE		34	ug/l	Env. Eng.
0	SODIUM		3930	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1590	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		8540	ug/l	Env. Eng.
1	SILICA		8640	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
1	SULFATE		10300	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		176000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		62	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		56	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		58	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		54	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		60	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		60	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		74.0	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.

CONTINUED

WELL BGO 12D COLLECTED ON 01/08/89 LABORATORY ANALYSES CONTINUED

0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.98+-0.97	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.53+-0.66	pCi/l	Rad. Meas.
0	TRITIUM		7.27+-0.33	pCi/ml	Rad. Meas.

WELL BGO 13D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/08/89 Time 1220
pH = 6.7 Alkalinity = 23 mg/L
Specific Conductance = 82 umhos/cm
Water Temperature = 17.7 degrees Celsius
Water evacuated from the well prior to sampling = 1 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		100.0	UMHC	Env. Eng.
1	PH		6.78	pH	Env. Eng.
0	TURBIDITY		2	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		14	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		9130	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		4800	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		2580	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		155	ug/l	Env. Eng.
1	MANGANESE		43	ug/l	Env. Eng.
0	SODIUM		4660	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		100	ug/l	Env. Eng.
0	LEAD		7	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		6460	ug/l	Env. Eng.
0	SULFATE		5300	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		94000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		106000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1300	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		16	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	GROSS ALPHA		1.40+-1.06	pCi/l	Rad. Meas.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.74+-0.90	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		3.48+-0.94	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
1	TRITIUM		14.90+-0.41	pCi/ml	Rad. Meas.
1	TRITIUM		14.20+-0.40	pCi/ml	Rad. Meas.

WELL BGO 14A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/08/89 Time 1135
Depth to water = 144.25 ft (43.97 m) below the TOC
Water elevation = 157.65 ft (48.05 m) msl
pH = 12.2 Alkalinity = 550 mg/L
Specific Conductance = 2800 umhos/cm
Water Temperature = 19.3 degrees Celsius
Water evacuated from the well prior to sampling = 20 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		2640	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		2680	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		2660	UMHC	Env. Eng.
2	PH		11.8	pH	Env. Eng.
2	PH		11.9	pH	Env. Eng.
2	PH		11.9	pH	Env. Eng.
0	TURBIDITY		0.23	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		176	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		124000	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2700	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		290	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
1	POTASSIUM		79400	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		24	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
1	SODIUM		87000	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	LEAD		9	ug/l	Env. Eng.
1	PHENOLS		330	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		8200	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
1	SULFATE		23600	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		612000	ug/l	Env. Eng.
1	TOTAL ORGANIC CARBON		9100	ug/l	Env. Eng.
1	TOTAL ORGANIC CARBON		5000	ug/l	Env. Eng.
1	TOTAL ORGANIC CARBON		5400	ug/l	Env. Eng.
1	TOTAL ORGANIC CARBON		9200	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		6	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		52.40+-13.4	pCi/l	Rad. Meas.
0	TOTAL RADIUM		2.00+-0.69	pCi/l	Rad. Meas.
0	TRITIUM	LT	0.70	pCi/ml	Rad. Meas.

WELL BGO 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/08/89 Time 1155
Depth to water = 80.47 ft (24.53 m) below the TOC
Water elevation = 221.53 ft (67.52 m) msl
pH = 11.9 Alkalinity = 238 mg/L
Specific Conductance = 1280 umhos/cm
Water Temperature = 19.4 degrees Celsius
Water evacuated from the well prior to sampling = 14 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		1260	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		1310	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		1300	UMHC	Env. Eng.
2	PH		11.6	pH	Env. Eng.
2	PH		11.6	pH	Env. Eng.
2	PH		11.6	pH	Env. Eng.
0	TURBIDITY		0.40	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		100	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		87000	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2100	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
1	POTASSIUM		15800	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		86	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
1	SODIUM		11600	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		960	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
1	PHENOLS		21	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		6600	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		410000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		36	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		42	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		39	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		35	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
	TRICHLOROETHYLENE		36.0	ug/l	Env. Eng.
	TRICHLOROETHYLENE		46.0	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.

CONTINUED

WELL BGO 14C COLLECTED ON 01/08/89 LABORATORY ANALYSES CONTINUED

0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		15.70+-6.14	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		3.66+-0.27	pCi/ml	Rad. Meas.

WELL BGO 14D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/07/89 Time 1300
The well was dry.

WELL BGO 15D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/04/89 Time 1325
Depth to water = 70.15 ft (21.38 m) below the TOC
Water elevation = 228.55 ft (69.66 m) msl
pH = 5.8 Alkalinity = 1 mg/L
Specific Conductance = 34 umhos/cm
Water Temperature = 19.6 degrees Celsius
Water evacuated from the well prior to sampling = 40 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		40.70	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		41.10	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		44.00	UMHC	Env. Eng.
0	PH		5.60	pH	Env. Eng.
0	PH		5.62	pH	Env. Eng.
0	PH		5.72	pH	Env. Eng.
0	TURBIDITY		0.12	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		6	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		1910	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2500	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		22	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		283	ug/l	Env. Eng.
0	MANGANESE		5	ug/l	Env. Eng.
0	SODIUM		3070	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1210	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		5990	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		16000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		9	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		11	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		30	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		10.0	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA		0.49+-0.50	pCi/l	HP, 735A

CONTINUED

WELL BGO 15D COLLECTED ON 01/04/89 LABORATORY ANALYSES CONTINUED

0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		0.85+-0.82	pCi/l	HP, 735A
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
2	TRITIUM		113+-1.55	pCi/ml	HP, 735A
2	TRITIUM		102+-1.68	pCi/ml	Rad. Meas.

WELL BGO 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/01/89 Time 1005
Depth to water = 144.70 ft (44.11 m) below the TOC
Water elevation = 160.30 ft (48.86 m) msl
pH = 12.1 Alkalinity = 600 mg/L
Specific Conductance = 3200 umhos/cm
Water Temperature = 18.5 degrees Celsius
Water evacuated from the well prior to sampling = 23 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		2620	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		2660	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		2630	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		2650	UMHC	Env. Eng.
2	PH		11.5	pH	Env. Eng.
2	PH		11.6	pH	Env. Eng.
2	PH		11.6	pH	Env. Eng.
2	PH		11.7	pH	Env. Eng.
0	TURBIDITY		0.06	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		266	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		174000	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE	LT	1000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		200	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
1	POTASSIUM		55200	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		15	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
1	SODIUM		48000	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	LEAD		7	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		6390	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE		6170	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		708000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1300	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1300	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1300	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1300	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		6.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		49.70+-15.1	pCi/l	Rad. Meas.
0	TOTAL RADIUM		2.43+-0.74	pCi/l	Rad. Meas.
0	TRITIUM	LT	1	pCi/ml	Rad. Meas.

WELL BGO 16D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/01/89 Time 1025
Depth to water = 75.09 ft (22.89 m) below the TOC
Water elevation = 229.51 ft (69.96 m) msl
pH = 9.5 Alkalinity = 94 mg/L
Specific Conductance = 225 umhos/cm
Water Temperature = 17.8 degrees Celsius
Water evacuated from the well prior to sampling = 3 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		194.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		183.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		241.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		188.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		197.0	UMHC	Env. Eng.
2	PH		8.71	pH	Env. Eng.
2	PH		8.98	pH	Env. Eng.
2	PH		8.78	pH	Env. Eng.
2	PH		8.89	pH	Env. Eng.
0	TURBIDITY		15	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		13	ug/l	Env. Eng.
0	BARIUM		13	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		3890	ug/l	Env. Eng.
0	CALCIUM		3890	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2300	ug/l	Env. Eng.
0	CHLORIDE		2800	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		45	ug/l	Env. Eng.
0	IRON		52	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
1	POTASSIUM		5850	ug/l	Env. Eng.
1	POTASSIUM		6130	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		457	ug/l	Env. Eng.
0	MAGNESIUM		460	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
1	SODIUM		44600	ug/l	Env. Eng.
1	SODIUM		37600	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		187	ug/l	Env. Eng.
0	LEAD		9	ug/l	Env. Eng.
0	LEAD		12	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		9540	ug/l	Env. Eng.
1	SILICA		9450	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
1	SULFATE		15100	ug/l	Env. Eng.
1	SULFATE		15500	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		136000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1200	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1100	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1100	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1600	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1100	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		29	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		31	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		28	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		33	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		35	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		10.0	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA		2.48+-2.61	pCi/l	HP, 735A
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		5.47+-1.84	pCi/l	HP, 735A
0	NONVOLATILE BETA		4.13+-1.44	pCi/l	Rad. Meas.

CONTINUED

WELL BGO 16D COLLECTED ON 03/01/89 LABORATORY ANALYSES CONTINUED

0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
2	TRITIUM		691+-13.1	pCi/ml	HP, 735A
2	TRITIUM		663+-4.30	pCi/ml	Rad. Meas.

WELL BGO 17D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/28/89 Time 1350
Depth to water = 68.38 ft (20.84 m) below the TOC
Water elevation = 229.92 ft (70.08 m) msl
pH = 7.0 Alkalinity = 26 mg/L
Specific Conductance = 92 umhos/cm
Water Temperature = 19.2 degrees Celsius
Water evacuated from the well prior to sampling = 85 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		82.80	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		82.20	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		78.50	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		78.60	UMHC	Env. Eng.
2	PH		8.10	pH	Env. Eng.
1	PH		7.09	pH	Env. Eng.
1	PH		6.74	pH	Env. Eng.
1	PH		6.84	pH	Env. Eng.
0	TURBIDITY		5	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		14	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		5090	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2040	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		79	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1090	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		332	ug/l	Env. Eng.
1	MANGANESE		33	ug/l	Env. Eng.
1	SODIUM		13800	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1360	ug/l	Env. Eng.
0	LEAD		12	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		7920	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE		7560	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		82000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		40	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
1	1,2-DICHLOROETHANE		5	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA		2.10+-0.87	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.30+-1.00	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.65+-0.53	pCi/l	Rad. Meas.
2	TRITIUM		150+-0.41	pCi/ml	Rad. Meas.

WELL BGO 18A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/28/89 Time 1455
Depth to water = 134.81 ft (41.09 m) below the TOC
Water elevation = 160.39 ft (48.89 m) msl
pH = 7.4 Alkalinity = 93 mg/L
Specific Conductance = 225 umhos/cm
Water Temperature = 19.2 degrees Celsius
Water evacuated from the well prior to sampling = 172 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		214.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		240.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		238.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		219.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		213.0	UMHC	Env. Eng.
1	PH		6.99	pH	Env. Eng.
1	PH		7.08	pH	Env. Eng.
1	PH		7.19	pH	Env. Eng.
1	PH		6.92	pH	Env. Eng.
1	PH		6.86	pH	Env. Eng.
0	TURBIDITY		0.14	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		59	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		36000	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2620	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		100	ug/l	Env. Eng.
0	IRON		24	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1850	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		2070	ug/l	Env. Eng.
1	MANGANESE		42	ug/l	Env. Eng.
0	SODIUM		4060	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		59	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		34700	ug/l	Env. Eng.
1	SILICA		35100	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
1	SULFATE		10300	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		182000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1200	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1200	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1300	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1300	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		181	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA		2.25+-1.77	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.53+-1.44	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.32+-0.60	pCi/l	Rad. Meas.
0	TRITIUM	LT	1	pCi/ml	Rad. Meas.

WELL BGO 18D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/28/89 Time 1430
Depth to water = 64.20 ft (19.57 m) below the TOC
Water elevation = 230.70 ft (70.32 m) msl
Physical or mechanical failure prevented sample collection.

WELL BGO 19D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/01/89 Time 1210
Depth to water = 55.81 ft (17.01 m) below the TOC
Water elevation = 231.39 ft (70.53 m) msl
pH = 6.0 Alkalinity = 7 mg/L
Specific Conductance = 41 umhos/cm
Water Temperature = 19.1 degrees Celsius
Water evacuated from the well prior to sampling = 112 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		40.40	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		36.60	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		43.30	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		37.80	UMHC	Env. Eng.
0	PH		6.00	pH	Env. Eng.
0	PH		5.80	pH	Env. Eng.
0	PH		5.88	pH	Env. Eng.
0	PH		5.83	pH	Env. Eng.
0	TURBIDITY		15	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		13	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		2260	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2310	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		22	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1010	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		273	ug/l	Env. Eng.
1	MANGANESE		29	ug/l	Env. Eng.
0	SODIUM		3860	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1230	ug/l	Env. Eng.
0	LEAD		11	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		8900	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		3000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		7	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		30	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA		0.72+-0.56	pCi/l	Rad. Meas.
0	GROSS ALPHA		1.28+-0.66	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.63+-0.89	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.47+-0.99	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.49+-0.47	pCi/l	Rad. Meas.
1	TRITIUM		16.80+-0.43	pCi/ml	Rad. Meas.
1	TRITIUM		19.10+-0.47	pCi/ml	Rad. Meas.

WELL BGO 200

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/01/89 Time 1115
Depth to water = 51.27 ft (15.63 m) below the TOC
Water elevation = 232.43 ft (70.85 m) msl
pH = 5.9 Alkalinity = 41 mg/L
Specific Conductance = 108 umhos/cm
Water Temperature = 18.2 degrees Celsius
Water evacuated from the well prior to sampling = 7 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		95.40	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		107.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		103.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		107.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		105.0	UMHC	Env. Eng.
0	PH		5.63	pH	Env. Eng.
0	PH		5.76	pH	Env. Eng.
0	PH		5.71	pH	Env. Eng.
0	PH		5.42	pH	Env. Eng.
0	PH		5.41	pH	Env. Eng.
0	TURBIDITY		6	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		65	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		2720	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
1	CHLOROFORM		5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2810	ug/l	Env. Eng.
0	CHLORIDE		2790	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
1	CHROMIUM		5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
2	IRON		2840	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1950	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		771	ug/l	Env. Eng.
2	MANGANESE		165	ug/l	Env. Eng.
1	SODIUM		18600	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1430	ug/l	Env. Eng.
2	LEAD		32	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		11000	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		138000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1600	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		2400	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		2500	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		2300	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		2300	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		10	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		11	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		11	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		13	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		27	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		47.0	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA		0.72+-0.61	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		3.46+-1.09	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.67+-0.46	pCi/l	Rad. Meas.
1	TRITIUM		19.90+-0.49	pCi/ml	Rad. Meas.

WELL BGO 210

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/01/89 Time 930
Depth to water = 52.20 ft (15.91 m) below the TOC
Water elevation = 233.20 ft (71.08 m) msl
pH = 7.4 Alkalinity = 65 mg/L
Specific Conductance = 250 umhos/cm
Water Temperature = 17.8 degrees Celsius
Water evacuated from the well prior to sampling = 7 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		220.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		223.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		221.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		228.0	UMHC	Env. Eng.
1	PH		7.78	pH	Env. Eng.
1	PH		6.83	pH	Env. Eng.
1	PH		6.83	pH	Env. Eng.
1	PH		6.93	pH	Env. Eng.
0	TURBIDITY		6	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		24	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		6750	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		1720	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		28	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
1	POTASSIUM		21900	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		353	ug/l	Env. Eng.
0	MANGANESE		6	ug/l	Env. Eng.
1	SODIUM		20500	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1740	ug/l	Env. Eng.
0	LEAD		7	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		9070	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		206000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1400	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1600	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1400	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		8	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		9	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		8	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		37.0	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		23.60+-2.43	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.01+-0.49	pCi/l	Rad. Meas.
2	TRITIUM		33.40+-0.75	pCi/ml	Rad. Meas.

WELL BGO 22D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/28/89 Time 1105
Depth to water = 55.59 ft (16.94 m) below the TOC
Water elevation = 230.91 ft (70.38 m) msl
pH = 5.2 Alkalinity = 1 mg/L
Specific Conductance = 39 umhos/cm
Water Temperature = 19.8 degrees Celsius
Water evacuated from the well prior to sampling = 120 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		34.70	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		28.90	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		31.40	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		27.10	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		27.00	UMHC	Env. Eng.
0	PH		5.00	pH	Env. Eng.
0	PH		4.93	pH	Env. Eng.
0	PH		5.03	pH	Env. Eng.
0	PH		5.17	pH	Env. Eng.
0	PH		5.13	pH	Env. Eng.
0	TURBIDITY		2	NTU	Env. Eng.
1	SILVER		3	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		7	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		834	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		1740	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		23	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		502	ug/l	Env. Eng.
0	MANGANESE		14	ug/l	Env. Eng.
0	SODIUM		2540	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1990	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		7200	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		40000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		30	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.

CONTINUED

WELL BGO 22D COLLECTED ON 02/28/89 LABORATORY ANALYSES CONTINUED

0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA		1.07+-0.60	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
1	TRITIUM		16.30+-0.42	pCi/ml	Rad. Meas.

WELL BGO 23D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/28/89 Time 1225
Depth to water = 54.71 ft (16.68 m) below the TOC
Water elevation = 234.49 ft (71.47 m) msl
pH = 6.5 Alkalinity = 10 mg/L
Specific Conductance = 45 umhos/cm
Water Temperature = 20.8 degrees Celsius
Water evacuated from the well prior to sampling = 48 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		91.30	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		50.40	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		55.30	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		54.90	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		49.40	UMHC	Env. Eng.
1	PH		6.93	pH	Env. Eng.
1	PH		6.59	pH	Env. Eng.
1	PH		6.63	pH	Env. Eng.
0	PH		5.58	pH	Env. Eng.
0	PH		6.42	pH	Env. Eng.
0	TURBIDITY		0.17	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	4	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		1070	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		1160	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		25	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		2000	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		98	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
1	SODIUM		7120	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		2120	ug/l	Env. Eng.
0	LEAD		8	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		5700	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		48000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.92+-0.97	pCi/l	Rad. Meas.

CONTINUED

WELL BGO 23D COLLECTED ON 02/28/89 LABORATORY ANALYSES CONTINUED

0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
2	TRITIUM		20.00+-0.49	pCi/ml	Rad. Meas.

WELL BGO 24D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/01/89 Time 900
Depth to water = 57.81 ft (17.62 m) below the TOC
Water elevation = 235.39 ft (71.75 m) msl
pH = 11.0 Alkalinity = 43 mg/L
Specific Conductance = 275 umhos/cm
Water Temperature = 18.7 degrees Celsius
Water evacuated from the well prior to sampling = 6 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		148.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		173.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		157.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		198.0	UMHC	Env. Eng.
2	PH		10.0	pH	Env. Eng.
2	PH		10.1	pH	Env. Eng.
2	PH		10.0	pH	Env. Eng.
2	PH		10.4	pH	Env. Eng.
0	TURBIDITY		11	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		53	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		9500	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		1940	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		100	ug/l	Env. Eng.
0	IRON		36	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1980	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		119	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
1	SODIUM		13200	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		927	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		946	ug/l	Env. Eng.
0	LEAD		8	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		7660	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE		6680	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		96000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1400	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1300	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1400	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1500	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		7	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		11	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		24	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		122	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
1	TRANS-1,2-DICHLOROETHENE		13	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA		1.99+-1.05	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.38+-1.36	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		4.28+-0.26	pCi/ml	Rad. Meas.

WELL BGO 25A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/08/89 Time 1110
Depth to water = 137.72 ft (41.98 m) below the TOC
Water elevation = 158.78 ft (48.40 m) msl
pH = 8.0 Alkalinity = 98 mg/L
Specific Conductance = 215 umhos/cm
Water Temperature = 18.8 degrees Celsius
Water evacuated from the well prior to sampling = 12 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		228.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		225.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		223.0	UMHC	Env. Eng.
1	PH		7.91	pH	Env. Eng.
1	PH		7.88	pH	Env. Eng.
1	PH		7.73	pH	Env. Eng.
0	TURBIDITY		0.70	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		39	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		48400	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2800	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		60	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1200	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		755	ug/l	Env. Eng.
0	MANGANESE		9	ug/l	Env. Eng.
0	SODIUM		2560	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
1	PHENOLS		69	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		52200	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
1	SULFATE		11600	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		280000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		2600	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		2900	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		2700	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		2900	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		6	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		12	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		100	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		3.64+-1.31	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM	LT	0.70	pCi/ml	Rad. Meas.

WELL BRD 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/22/89 Time 1030
Depth to water = 41.02 ft (12.50 m) below the TOC
Water elevation = 164.78 ft (50.23 m) msl
pH = 5.2 Alkalinity = 0 mg/L
Specific Conductance = 29 umhos/cm
Water Temperature = 19.0 degrees Celsius
Water evapuated from the well prior to sampling = 41 gal

LABORATORY ANALYSES

0	PH		4.85	pH	Env. Eng.
0	MANGANESE		16	ug/l	Env. Eng.
0	LEAD		8	ug/l	Env. Eng.
0	GROSS ALPHA		0.82+-0.48	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.

WELL BRD 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/22/89 Time 1155
Depth to water = 39.31 ft (11.98 m) below the TOC
Water elevation = 167.99 ft (51.20 m) msl
pH = 5.6 Alkalinity = 2 mg/L
Specific Conductance = 24 umhos/cm
Water Temperature = 19.5 degrees Celsius
Water evacuated from the well prior to sampling = 51 gal

LABORATORY ANALYSES

0	PH		5.23	pH	Env. Eng.
0	MANGANESE		7	ug/l	Env. Eng.
0	LEAD		18	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.83+-0.66	pCi/l	Rad. Meas.

WELL BRD 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/22/89 Time 1210
The well was dry.

WELL BRD 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/22/89 Time 1100
Depth to water = 34.56 ft (10.53 m) below the TOC
Water elevation = 163.34 ft (49.79 m) msl
pH = 5.1 Alkalinity = 0 mg/L
Specific Conductance = 25 umhos/cm
Water Temperature = 18.7 degrees Celsius
Water evacuated from the well prior to sampling = 89 gal

LABORATORY ANALYSES

0	PH		4.81	pH	Env. Eng.
0	MANGANESE		4	ug/l	Env. Eng.
0	MANGANESE		4	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.02+-0.73	pCi/l	Rad. Meas.

WELL CCB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/07/89 Time 1235
pH = 4.8 Alkalinity = 1 mg/L
Specific Conductance = 18 umhos/cm
Water Temperature = 18.6 degrees Celsius
Water evacuated from the well prior to sampling = 53 gal

LABORATORY ANALYSES

1	COPPER		33	ug/l	Env. Eng.
0	IRON		25	ug/l	Env. Eng.
0	SODIUM		1280	ug/l	Env. Eng.
0	TRITIUM		8.98+-0.33	pCi/ml	Rad. Meas.

WELL CCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/07/89 Time 1325
Depth to water = 50.92 ft (15.52 m) below the TOC
Water elevation = 219.48 ft (66.90 m) msl
pH = 4.8 Alkalinity = 1 mg/L
Specific Conductance = 21 umhos/cm
Water Temperature = 18.4 degrees Celsius
Water evacuated from the well prior to sampling = 60 gal

LABORATORY ANALYSES

0	COPPER		9	ug/l	Env. Eng.
0	IRON		44	ug/l	Env. Eng.
0	SODIUM		1260	ug/l	Env. Eng.
0	TRITIUM		8.20+-0.30	pCi/ml	Rad. Meas.

WELL CCB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/07/89 Time 1440
Depth to water = 48.34 ft (14.73 m) below the TOC
Water elevation = 219.06 ft (66.77 m) msl
pH = 5.1 Alkalinity = 1 mg/L
Specific Conductance = 15 umhos/cm
Water Temperature = 17.5 degrees Celsius
Water evacuated from the well prior to sampling = 9 gal
The well went dry during purging.

LABORATORY ANALYSES

1	COPPER		88	ug/l	Env. Eng.
0	IRON		26	ug/l	Env. Eng.
0	SODIUM		992	ug/l	Env. Eng.
0	TRITIUM		5.14+-0.29	pCi/ml	Rad. Meas.

WELL CCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/07/89 Time 1410
Depth to water = 60.12 ft (18.32 m) below the TOC
Water elevation = 222.88 ft (67.93 m) msl
pH = 5.0 Alkalinity = 1 mg/L
Specific Conductance = 14 umhos/cm
Water Temperature = 18.2 degrees Celsius
Water evacuated from the well prior to sampling = 30 gal

LABORATORY ANALYSES

0	COPPER		5	ug/l	Env. Eng.
0	IRON		30	ug/l	Env. Eng.
0	SODIUM		1000	ug/l	Env. Eng.

WELL CDB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/03/89 Time 1100
Depth to water = 79.20 ft (24.14 m) below the TOC
Water elevation = 209.70 ft (63.92 m) msl
pH = 5.6 Alkalinity = 17 mg/L
Specific Conductance = 82 umhos/cm
Water Temperature = 21.2 degrees Celsius
Water evacuated from the well prior to sampling = 9 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		70.60	UMHO	Env. Eng.
0	SPECIFIC CONDUCTANCE		70.70	UMHO	Env. Eng.
0	PH		5.35	pH	Env. Eng.
0	PH		5.42	pH	Env. Eng.
2	IRON		371	ug/l	Env. Eng.
2	MANGANESE		112	ug/l	Env. Eng.
0	SODIUM		3450	ug/l	Env. Eng.
2	LEAD		70	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		2200	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		12	ug/l	Env. Eng.
0	GROSS ALPHA		0.57+-2.23	pCi/l	HP. 735A
0	NONVOLATILE BETA		1.21+-0.79	pCi/l	HP. 735A
0	NONVOLATILE BETA		4.23+-1.11	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		5.51+-1.12	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.00+-0.55	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.81+-0.48	pCi/l	Rad. Meas.
2	TRITIUM		116+-2.45	pCi/ml	HP. 735A
2	TRITIUM		118+-1.87	pCi/ml	Rad. Meas.
2	TRITIUM		120+-1.91	pCi/ml	Rad. Meas.

WELL COB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/03/89 Time 1120
pH = 5.4 Alkalinity = 9 mg/L
Specific Conductance = 72 umhos/cm
Water Temperature = 20.5 degrees Celsius
Water evacuated from the well prior to sampling = 5 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		61.30	UMHC	Env. Eng.
0	PH		5.33	pH	Env. Eng.
0	IRON		84	ug/l	Env. Eng.
1	MANGANESE		33	ug/l	Env. Eng.
1	SODIUM		9520	ug/l	Env. Eng.
2	LEAD		73	ug/l	Env. Eng.
0	SULFATE		8200	ug/l	Env. Eng.
0	SULFATE		8100	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		2000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		8	ug/l	Env. Eng.
0	GROSS ALPHA		2.31+-3.74	pCi/l	HP, 735A
1	NONVOLATILE BETA		11.40+-1.43	pCi/l	HP, 735A
0	NONVOLATILE BETA		1.83+-0.99	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.47+-0.40	pCi/l	Rad. Meas.
2	TRITIUM		367+-7.45	pCi/ml	HP, 735A
2	TRITIUM		395+-3.28	pCi/ml	Rad. Meas.

WELL CMP 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/25/89 Time 1525
Depth to water = 27.66 ft (8.43 m) below the TOC
Water elevation = 200.94 ft (61.25 m) msl
pH = 5.6 Alkalinity = 4 mg/L
Specific Conductance = 27 umhos/cm
Water Temperature = 19.3 degrees Celsius
Water evacuated from the well prior to sampling = 44 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		31.20	UMHC	Env. Eng.
0	PH		5.61	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		9	ug/l	Env. Eng.
0	CALCIUM		2910	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		2000	ug/l	Env. Eng.
0	CHLORIDE		1900	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		34	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		524	ug/l	Env. Eng.
0	MANGANESE		11	ug/l	Env. Eng.
0	SODIUM		1750	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		883	ug/l	Env. Eng.
0	LEAD		16	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		8300	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS	LT	5000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		33	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		233	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.12+-0.80	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.45+-0.37	pCi/l	Rad. Meas.
0	TRITIUM		3.00+-0.26	pCi/ml	Rad. Meas.

WELL CMP 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/25/89 Time 1415
Depth to water = 49.50 ft (15.11 m) below the TOC
Water elevation = 180.14 ft (54.91 m) msl
pH = 6.4 Alkalinity = 33 mg/L
Specific Conductance = 112 umhos/cm
Water Temperature = 18.8 degrees Celsius
Water evacuated from the well prior to sampling = 433 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		120.0	UMHC	Env. Eng.
0	PH		6.41	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		22	ug/l	Env. Eng.
1	CALCIUM		18400	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		2800	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE		110	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
1	IRON		234	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1850	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		854	ug/l	Env. Eng.
0	MANGANESE		21	ug/l	Env. Eng.
0	SODIUM		1940	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	LEAD	LT	8	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		14000	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
1	SULFATE		13600	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		62000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		170	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		14	ug/l	Env. Eng.
0	GROSS ALPHA		0.75+-0.58	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.99+-0.93	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM	LT	0.70	pCi/ml	Rad. Meas.

WELL CMP 8B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/25/89 Time 1500
Depth to water = 32.35 ft (9.86 m) below the TOC
Water elevation = 197.15 ft (60.09 m) msl
pH = 7.1 Alkalinity = 98 mg/L
Specific Conductance = 127 umhos/cm
Water Temperature = 18.4 degrees Celsius
Water evacuated from the well prior to sampling = 105 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		137.0	UMHC	Env. Eng.
1	PH		6.91	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		21	ug/l	Env. Eng.
1	CALCIUM		23600	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		2300	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE		250	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1530	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		1050	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		1870	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		334	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		11000	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		74000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		8	ug/l	Env. Eng.
1	TOTAL PHOSPHATES		850	ug/l	Env. Eng.

CONTINUED

WELL CMP 8B COLLECTED ON 01/25/89 LABORATORY ANALYSES CONTINUED

1	TOTAL PHOSPHATES		850	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		25	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.33+-0.33	pCi/l	Rad. Meas.
0	TRITIUM		0.22+-0.21	pCi/ml	Rad. Meas.

WELL CMP 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/28/89 Time 1305
Depth to water = 121.25 ft (36.96 m) below the TOC
Water elevation = 193.85 ft (59.09 m) msl
pH = 9.1 Alkalinity = 62 mg/L
Specific Conductance = 140 umhos/cm
Water Temperature = 20.2 degrees Celsius
Water evacuated from the well prior to sampling = 117 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		129.0	UMHC	Env. Eng.
1	PH		7.81	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		22	ug/l	Env. Eng.
0	BARIUM		22	ug/l	Env. Eng.
0	CALCIUM		2390	ug/l	Env. Eng.
0	CALCIUM		2230	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		2600	ug/l	Env. Eng.
1	CHROMIUM		5	ug/l	Env. Eng.
1	CHROMIUM		5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		29	ug/l	Env. Eng.
0	IRON		25	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1970	ug/l	Env. Eng.
0	POTASSIUM		1970	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		306	ug/l	Env. Eng.
0	MAGNESIUM		300	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		4840	ug/l	Env. Eng.
0	SODIUM		4990	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NICKEL		8	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		79	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		19600	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		80000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		60	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		22	ug/l	Env. Eng.
0	ZINC		20	ug/l	Env. Eng.
0	GROSS ALPHA		0.83+-0.65	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.23+-0.90	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		0.45+-0.22	pCi/ml	Rad. Meas.

WELL CMP 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/28/89 Time 1405
Depth to water = 93.01 ft (28.35 m) below the TOC
Water elevation = 217.89 ft (66.41 m) msl
pH = 5.2 Alkalinity = 0 mg/L
Specific Conductance = 21 umhos/cm
Water Temperature = 20.0 degrees Celsius
Water evacuated from the well prior to sampling = 82 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		29.50	UMHC	Env. Eng.
0	PH		5.18	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.

CONTINUED

WELL CMP 10 COLLECTED ON 01/28/89 LABORATORY ANALYSES CONTINUED

0	BARIUM		13	ug/l	Env. Eng.
0	CALCIUM		465	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		2700	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		671	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		241	ug/l	Env. Eng.
0	MANGANESE		7	ug/l	Env. Eng.
0	SODIUM		1610	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		98	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		99	ug/l	Env. Eng.
0	LEAD		14	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		8880	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		28000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		30	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		26	ug/l	Env. Eng.
0	GROSS ALPHA		1.19+-0.72	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.86+-0.85	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.36+-0.33	pCi/l	Rad. Meas.
0	TRITIUM		3.62+-0.27	pCi/ml	Rad. Meas.

WELL CMP 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/28/89 Time 1345
Depth to water = 116.73 ft (35.58 m) below the TOC
Water elevation = 194.07 ft (59.15 m) msl
pH = 7.8 Alkalinity = 88 mg/L
Specific Conductance = 187 umhos/cm
Water Temperature = 18.9 degrees Celsius
Water evacuated from the well prior to sampling = 147 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		183.0	UMHC	Env. Eng.
1	PH		7.23	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		35	ug/l	Env. Eng.
1	CALCIUM		36200	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		2800	ug/l	Env. Eng.
1	CHROMIUM		6	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		27	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1090	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		614	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		1750	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		235	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		17900	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		118000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		100	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		110	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		16	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.45+-0.35	pCi/l	Rad. Meas.
0	TRITIUM		0.47+-0.22	pCi/ml	Rad. Meas.

WELL CMP 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/25/89 Time 900
Depth to water = 101.10 ft (30.82 m) below the TOC
Water elevation = 209.40 ft (63.83 m) msl
pH = 5.0 Alkalinity = 1 mg/L
Specific Conductance = 28 umhos/cm
Water Temperature = 18.2 degrees Celsius
Water evacuated from the well prior to sampling = 17 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		30.10	UMHC	Env. Eng.
0	PH		5.10	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		42	ug/l	Env. Eng.
0	CALCIUM		1430	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		3400	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1190	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		819	ug/l	Env. Eng.
0	MANGANESE		4	ug/l	Env. Eng.
0	SODIUM		2960	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		85	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		10300	ug/l	Env. Eng.
1	SILICA		10500	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		12000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		40	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		33	ug/l	Env. Eng.
0	GROSS ALPHA		2.03+-0.64	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		3.41+-0.97	pCi/l	Rad. Meas.
0	TOTAL RADIUM		2.07+-0.62	pCi/l	Rad. Meas.
0	TRITIUM		2.58+-0.25	pCi/ml	Rad. Meas.

WELL CMP 11B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/28/89 Time 1110
Depth to water = 116.20 ft (35.42 m) below the TOC
Water elevation = 194.00 ft (59.13 m) msl
pH = 8.0 Alkalinity = 87 mg/L
Specific Conductance = 188 umhos/cm
Water Temperature = 18.6 degrees Celsius
Water evacuated from the well prior to sampling = 139 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		181.0	UMHC	Env. Eng.
1	PH		7.40	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		38	ug/l	Env. Eng.
1	CALCIUM		34800	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		2600	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1260	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		574	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		1960	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		275	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		16900	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.

CONTINUED

WELL CMP 11B COLLECTED ON 01/28/89 LABORATORY ANALYSES CONTINUED

0	TOTAL DISSOLVED SOLIDS		114000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		80	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		19	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.25+-0.84	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		0.50+-0.22	pCi/ml	Rad. Meas.

WELL CMP 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/25/89 Time 1235
Depth to water = 74.03 ft (22.56 m) below the TOC
Water elevation = 208.87 ft (63.66 m) msl
pH = 5.0 Alkalinity = 0 mg/L
Specific Conductance = 18 umhos/cm
Water Temperature = 18.6 degrees Celsius
Water evacuated from the well prior to sampling = 16 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		26.50	UMHC	Env. Eng.
0	PH		5.00	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		7	ug/l	Env. Eng.
0	CALCIUM		1350	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		2600	ug/l	Env. Eng.
0	CHLORIDE		2600	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
1	IRON		190	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		223	ug/l	Env. Eng.
0	MANGANESE		9	ug/l	Env. Eng.
0	SODIUM		1400	ug/l	Env. Eng.
0	NICKEL		8	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		90	ug/l	Env. Eng.
0	LEAD		18	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		8730	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		6000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1300	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		6	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		270	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		3.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		140	ug/l	Env. Eng.
0	GROSS ALPHA		0.98+-0.53	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		2.27+-0.25	pCi/ml	Rad. Meas.

WELL CMP 12A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/25/89 Time 1145
Depth to water = 105.05 ft (32.02 m) below the TOC
Water elevation = 179.05 ft (54.58 m) msl
pH = 6.9 Alkalinity = 66 mg/L
Specific Conductance = 171 umhos/cm
Water Temperature = 19.5 degrees Celsius
Water evacuated from the well prior to sampling = 409 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		180.0	UMHC	Env. Eng.
1	PH		6.88	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		36	ug/l	Env. Eng.
1	CALCIUM		36200	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		2750	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE		110	ug/l	Env. Eng.
1	IRON		163	ug/l	Env. Eng.

CONTINUED

WELL CMP 12A COLLECTED ON 01/25/89 LABORATORY ANALYSES CONTINUED

0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1270	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		1080	ug/l	Env. Eng.
2	MANGANESE		110	ug/l	Env. Eng.
0	SODIUM		1870	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		15000	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
1	SULFATE		13400	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		92000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
1	TOTAL PHOSPHATES		370	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		48	ug/l	Env. Eng.
0	GROSS ALPHA		1.27+-0.71	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.61+-0.40	pCi/l	Rad. Meas.
0	TRITIUM		0.26+-0.21	pCi/ml	Rad. Meas.

WELL CMP 12B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/25/89 Time 1215
Depth to water = 90.43 ft (27.56 m) below the TOC
Water elevation = 193.47 ft (58.97 m) msl
pH = 7.7 Alkalinity = 84 mg/L
Specific Conductance = 178 umhos/cm
Water Temperature = 19.3 degrees Celsius
Water evacuated from the well prior to sampling = 119 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		192.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		193.0	UMHC	Env. Eng.
1	PH		7.46	pH	Env. Eng.
1	PH		7.81	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		30	ug/l	Env. Eng.
1	CALCIUM		38200	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		2500	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		919	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		642	ug/l	Env. Eng.
0	MANGANESE		3	ug/l	Env. Eng.
0	SODIUM		1570	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		238	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		14100	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		108000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		40	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		36	ug/l	Env. Eng.
0	GROSS ALPHA		0.78+-0.56	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.66+-0.89	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		0.29+-0.21	pCi/ml	Rad. Meas.

WELL CMP 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/25/89 Time 1305
Depth to water = 83.27 ft (25.38 m) below the TOC
Water elevation = 205.93 ft (62.77 m) msl
pH = 6.3 Alkalinity = 22 mg/L
Specific Conductance = 59 umhos/cm
Water Temperature = 18.8 degrees Celsius
Water evacuated from the well prior to sampling = 5 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		68.10	UMHC	Env. Eng.
0	PH		6.15	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		21	ug/l	Env. Eng.
0	CALCIUM		9400	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		2800	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		581	ug/l	Env. Eng.
0	MANGANESE		12	ug/l	Env. Eng.
0	SODIUM		1890	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		73	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		9810	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		15.0	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		15.0	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		40000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		78	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		90	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		10.0	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		9.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		151	ug/l	Env. Eng.
0	GROSS ALPHA		2.75+-0.99	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.71+-0.92	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.00+-0.45	pCi/l	Rad. Meas.
0	TRITIUM		1.46+-0.24	pCi/ml	Rad. Meas.

WELL CMP 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/24/89 Time 1710
Depth to water = 95.62 ft (29.15 m) below the TOC
Water elevation = 193.48 ft (58.97 m) msl
pH = 8.1 Alkalinity = 89 mg/L
Specific Conductance = 185 umhos/cm
Water Temperature = 19.4 degrees Celsius
Water evacuated from the well prior to sampling = 153 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		195.0	UMHC	Env. Eng.
1	PH		7.93	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		36	ug/l	Env. Eng.
1	CALCIUM		37400	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		2500	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1330	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		651	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		1890	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		204	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		207	ug/l	Env. Eng.
0	LEAD		9	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		15700	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.

CONTINUED

WELL CMP 13B COLLECTED ON 01/24/89 LABORATORY ANALYSES CONTINUED

0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		106000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		60	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		11	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.70+-0.97	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.00+-0.95	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM	LT	0.70	pCi/ml	Rad. Meas.
0	TRITIUM		0.26+-0.21	pCi/ml	Rad. Meas.

WELL CMP 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/28/89 Time 1025
Depth to water = 71.18 ft (21.70 m) below the TOC
Water elevation = 193.32 ft (58.92 m) msl
pH = 8.1 Alkalinity = 89 mg/L
Specific Conductance = 170 umhos/cm
Water Temperature = 18.5 degrees Celsius
Water evacuated from the well prior to sampling = 166 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		183.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		169.0	UMHC	Env. Eng.
1	PH		7.35	pH	Env. Eng.
1	PH		7.42	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		19	ug/l	Env. Eng.
0	BARIUM		18	ug/l	Env. Eng.
1	CALCIUM		30700	ug/l	Env. Eng.
1	CALCIUM		29100	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		3200	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		21	ug/l	Env. Eng.
0	IRON		23	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		579	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		426	ug/l	Env. Eng.
0	MAGNESIUM		386	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		1550	ug/l	Env. Eng.
0	SODIUM		1510	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		331	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		11400	ug/l	Env. Eng.
1	SILICA		11400	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		94000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		90	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		9	ug/l	Env. Eng.
0	ZINC		9	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.01+-0.80	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		1.03+-0.23	pCi/ml	Rad. Meas.

WELL CMP 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/28/89 Time 1005
Depth to water = 52.97 ft (16.15 m) below the TOC
Water elevation = 211.13 ft (64.35 m) msl
pH = 5.1 Alkalinity = 0 mg/L
Specific Conductance = 17 umhos/cm
Water Temperature = 17.7 degrees Celsius
Water evacuated from the well prior to sampling = 68 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		38.80	UMHC	Env. Eng.
0	PH		4.90	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	4	ug/l	Env. Eng.
0	CALCIUM		74	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		2200	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		31	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		166	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		277	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		6390	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		6000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		6000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		11	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		40	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		3	ug/l	Env. Eng.
0	GROSS ALPHA		1.38+-0.71	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.73+-0.33	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.08+-0.49	pCi/l	Rad. Meas.
0	TRITIUM		3.77+-0.28	pCi/ml	Rad. Meas.

WELL CMP 15A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/10/89 Time 1505
Depth to water = 98.43 ft (30.00 m) below the TOC
Water elevation = 178.07 ft (54.28 m) msl
pH = 6.2 Alkalinity = 26 mg/L
Specific Conductance = 102 umhos/cm
Water Temperature = 19.5 degrees Celsius
Water evacuated from the well prior to sampling = 426 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		93.00	UMHC	Env. Lab.
0	SPECIFIC CONDUCTANCE		91.10	UMHC	W. A.
0	SPECIFIC CONDUCTANCE		92.40	UMHC	Env. Eng.
0	PH		6.30	pH	Env. Lab.
0	PH		6.40	pH	W. A.
0	PH		6.11	pH	Env. Eng.
0	SILVER	LT	10	ug/l	Env. Lab.
0	SILVER	LT	10	ug/l	W. A.
0	SILVER	LT	2	ug/l	Env. Eng.
2	ALUMINUM		499	ug/l	W. A.
0	ARSENIC	LT	5	ug/l	Env. Lab.
0	ARSENIC	LT	10	ug/l	W. A.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	100	ug/l	Env. Lab.
0	BARIUM	LT	200	ug/l	W. A.
0	BARIUM		20	ug/l	Env. Eng.
0	BERYLLIUM	LT	5	ug/l	W. A.
0	BROMODICHLOROMETHANE	LT	1	ug/l	Env. Lab.
1	CALCIUM		11000	ug/l	Env. Lab.
0	CALCIUM		9880	ug/l	W. A.
1	CALCIUM		11200	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	1	ug/l	Env. Lab.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Lab.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	W. A.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	10	ug/l	Env. Lab.
0	CADMIUM	LT	5	ug/l	W. A.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	1	ug/l	Env. Lab.
0	CHLOROFORM	LT	1	ug/l	Env. Lab.

CONTINUED

WELL CMP 15A COLLECTED ON 03/10/89 LABORATORY ANALYSES CONTINUED

0	CHLOROFORM	LT	1	ug/l	W. A.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	1	ug/l	Env. Lab.
0	BROMOMETHANE	LT	1	ug/l	Env. Lab.
0	CHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	CHLORIDE		3000	ug/l	Env. Lab.
0	CHLORIDE	LT	5000	ug/l	W. A.
0	CHLORIDE	LT	1000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	COBALT	LT	50	ug/l	W. A.
0	CHROMIUM	LT	50	ug/l	Env. Lab.
0	CHROMIUM	LT	10	ug/l	W. A.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
1	COPPER		57	ug/l	W. A.
0	CHLOROETHENE	LT	1	ug/l	Env. Lab.
0	CHLOROETHANE	LT	1	ug/l	Env. Lab.
0	BENZENE	LT	1	ug/l	Env. Lab.
0	DIBROMOCHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	ENDRIN	LT	0.05	ug/l	Env. Lab.
0	ENDRIN	LT	0.11	ug/l	W. A.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	1	ug/l	Env. Lab.
0	FLUORIDE		330	ug/l	Env. Lab.
0	FLUORIDE		320	ug/l	W. A.
0	FLUORIDE		320	ug/l	W. A.
0	FLUORIDE		370	ug/l	Env. Eng.
1	IRON		260	ug/l	Env. Lab.
1	IRON		281	ug/l	W. A.
1	IRON		199	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Lab.
0	MERCURY	LT	0.20	ug/l	W. A.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
1	POTASSIUM		5000	ug/l	Env. Lab.
1	POTASSIUM		15400	ug/l	W. A.
0	POTASSIUM		4840	ug/l	Env. Eng.
0	LITHIUM	LT	50	ug/l	W. A.
0	LINDANE	LT	0.05	ug/l	Env. Lab.
0	LINDANE	LT	0.05	ug/l	W. A.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	1	ug/l	Env. Lab.
0	METHOXYCHLOR	LT	0.05	ug/l	Env. Lab.
0	METHOXYCHLOR	LT	0.53	ug/l	W. A.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		870	ug/l	Env. Lab.
0	MAGNESIUM	LT	5000	ug/l	W. A.
0	MAGNESIUM		779	ug/l	Env. Eng.
1	MANGANESE		50	ug/l	Env. Lab.
2	MANGANESE		51	ug/l	W. A.
1	MANGANESE		31	ug/l	Env. Eng.
0	SODIUM		3300	ug/l	Env. Lab.
0	SODIUM	LT	5000	ug/l	W. A.
0	SODIUM		3270	ug/l	Env. Eng.
0	NICKEL	LT	50	ug/l	Env. Lab.
0	NICKEL	LT	40	ug/l	W. A.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		100	ug/l	Env. Lab.
0	NITRATE AS NITROGEN	LT	100	ug/l	W. A.
0	NITRATE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	LEAD	LT	100	ug/l	Env. Lab.
0	LEAD	LT	5	ug/l	W. A.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Lab.
0	PHENOLS	LT	5	ug/l	W. A.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	60	ug/l	W. A.
0	SELENIUM	LT	10	ug/l	Env. Lab.
0	SELENIUM	LT	5	ug/l	W. A.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		14930	ug/l	Env. Lab.
1	SILICA		7350	ug/l	W. A.
1	SILICA		13800	ug/l	Env. Eng.
0	SILVEX	LT	0.05	ug/l	Env. Lab.
0	SILVEX	LT	0.53	ug/l	W. A.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	TIN	LT	100	ug/l	W. A.
1	SULFATE		13000	ug/l	Env. Lab
1	SULFATE		11000	ug/l	W. A.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	1	ug/l	Env. Lab.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Lab.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	W. A.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		60000	ug/l	Env. Lab.
0	TOTAL DISSOLVED SOLIDS		73000	ug/l	W. A.
0	TOTAL DISSOLVED SOLIDS		62000	ug/l	Env. Eng.
0	THALLIUM	LT	10	ug/l	W. A.
0	TOTAL ORGANIC CARBON	LT	5000	ug/l	Env. Lab
0	TOTAL ORGANIC CARBON		1000	ug/l	W. A.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	10	ug/l	Env. Lab.
0	TOTAL ORGANIC HALOGENS	LT	20	ug/l	W. A.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
1	TOTAL PHOSPHATES		470	ug/l	Env. Lab.
1	TOTAL PHOSPHATES		470	ug/l	W. A.
1	TOTAL PHOSPHATES		470	ug/l	W. A.
1	TOTAL PHOSPHATES		570	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Lab.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	W. A.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng
0	TOXAPHENE	LT	0.05	ug/l	Env. Lab.
0	TOXAPHENE	LT	1	ug/l	W. A.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	Env. Lab.
0	URANIUM	LT	1000	ug/l	W. A.
0	VANADIUM	LT	50	ug/l	W. A.
0	XYLENES	LT	1	ug/l	Env. Lab.

CONTINUED

WELL CMP 15A COLLECTED ON 03/10/89 LABORATORY ANALYSES CONTINUED

0	1,1-DICHLOROETHYLENE	LT	1	ug/l	Env. Lab
0	1,1-DICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Lab
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	W. A
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng
0	1,1,2-TRICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROBENZENE	LT	1	ug/l	Env. Lab
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Lab
0	1,2-DICHLOROPROPANE	LT	1	ug/l	Env. Lab
0	1,3-DICHLOROBENZENE	LT	1	ug/l	Env. Lab
0	CIS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab
0	TRANS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab
0	1,4-DICHLOROBENZENE	LT	1	ug/l	Env. Lab
0	2-CHLOROETHYLVINYL ETHER	LT	1	ug/l	Env. Lab.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.05	ug/l	Env. Lab.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	1	ug/l	W. A.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	2,4,5-TRICHLOROPHENOXYACETIC ACID	LT	0.53	ug/l	W. A.
0	ZINC	LT	10	ug/l	Env. Lab
0	ZINC		38	ug/l	W. A.
0	ZINC		48	ug/l	Env. Eng.
0	GROSS ALPHA	LT	0.75	pCi/l	Env. Lab.
1	GROSS ALPHA		7.00+-3.00	pCi/l	W. A.
0	GROSS ALPHA		0.52+-0.45	pCi/l	Rad. Meas
0	NONVOLATILE BETA		3.90+-0.82	pCi/l	Env. Lab.
0	NONVOLATILE BETA		8.00+-3.00	pCi/l	W. A.
0	NONVOLATILE BETA		5.29+-0.73	pCi/l	Rad. Meas
0	TOTAL RADIUM	LT	0.50	pCi/l	Env. Lab.
0	TOTAL RADIUM		0.30+-0.30	pCi/l	W. A.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas
0	TRITIUM	LT	1	pCi/ml	Env. Lab
0	TRITIUM		0.00+-0.60	pCi/ml	W. A.
0	TRITIUM	LT	1	pCi/ml	Rad. Meas

WELL CMP 15A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/10/89 Time 1505
Depth to water = 98.43 ft (30.00 m) below the TOC
Water elevation = 178.07 ft (54.28 m) msl
pH = 6.2 Alkalinity = 26 mg/L
Specific Conductance = 102 umhos/cm
Water Temperature = 19.5 degrees Celsius
Water evacuated from the well prior to sampling = 426 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		102.0	UMHC	Env. Eng
0	SPECIFIC CONDUCTANCE		94.70	UMHC	Env. Eng.
0	PH		6.14	pH	Env. Eng.
0	PH		6.13	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		19	ug/l	Env. Eng
1	CALCIUM		10600	ug/l	Env. Eng
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng
0	CADMIUM	LT	2	ug/l	Env. Eng
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		2600	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE		350	ug/l	Env. Eng.
1	IRON		208	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng
0	POTASSIUM		3880	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		771	ug/l	Env. Eng.
1	MANGANESE		30	ug/l	Env. Eng.
0	SODIUM		3250	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	LT	50	ug/l	Env. Eng
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng
1	SILICA		14300	ug/l	Env. Eng
0	SILVEX	LT	0.09	ug/l	Env. Eng
1	SULFATE		11200	ug/l	Env. Eng
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng
0	TOTAL DISSOLVED SOLIDS		64000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng
1	TOTAL PHOSPHATES		519	ug/l	Env. Eng
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng
0	ZINC		86	ug/l	Env. Eng
0	GROSS ALPHA		1.00+-0.73	pCi/l	Rad. Meas.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas
0	NONVOLATILE BETA		4.49+-1.07	pCi/l	Rad. Meas
0	NONVOLATILE BETA		5.17+-1.03	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.31+-0.29	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.40+-0.31	pCi/l	Rad. Meas
0	TRITIUM	LT	1	pCi/ml	Rad. Meas
0	TRITIUM	LT	1	pCi/ml	Rad. Meas

WELL CMP 15B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/25/89 Time 925
Depth to water = 75.57 ft (23.03 m) below the TOC
Water elevation = 200.83 ft (61.21 m) msl
pH = 7.4 Alkalinity = 41 mg/L
Specific Conductance = 112 umhos/cm
Water Temperature = 18.3 degrees Celsius
Water evacuated from the well prior to sampling = 23 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		111.0	UMHC	Env. Eng.
1	PH		7.31	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		19	ug/l	Env. Eng.
1	CALCIUM		17700	ug/l	Env. Eng.
1	CALCIUM		16100	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		2700	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		21	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		2850	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		373	ug/l	Env. Eng.
0	MANGANESE		7	ug/l	Env. Eng.
0	SODIUM		1840	ug/l	Env. Eng.
0	NICKEL		5	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		239	ug/l	Env. Eng.
0	LEAD		6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		12000	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		52000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		60000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1100	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		50	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	L1	1.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		11	ug/l	Env. Eng.
0	ZINC		4	ug/l	Env. Eng.
0	GROSS ALPHA		0.89+-0.70	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.37+-0.94	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.92+-0.52	pCi/l	Rad. Meas.
0	TRITIUM		0.92+-0.22	pCi/ml	Rad. Meas.

WELL CMP 15C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/25/89 Time 945
pH = 4.4 Alkalinity = 1 mg/L
Specific Conductance = 15 umhos/cm
Water Temperature = 11.9 degrees Celsius
Water evacuated from the well prior to sampling = 1 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		18.30	UMHC	Env. Eng.
0	PH		5.96	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		6	ug/l	Env. Eng.
0	BARIUM		6	ug/l	Env. Eng.
0	CALCIUM		872	ug/l	Env. Eng.
0	CALCIUM		916	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		2700	ug/l	Env. Eng.
0	CHLORIDE		2600	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	MAGNESIUM		177	ug/l	Env. Eng.
0	MAGNESIUM		159	ug/l	Env. Eng.
0	MANGANESE		8	ug/l	Env. Eng.
0	MANGANESE		7	ug/l	Env. Eng.
0	SODIUM		1470	ug/l	Env. Eng.
0	SODIUM		1420	ug/l	Env. Eng.
0	NICKEL		7	ug/l	Env. Eng.

CONTINUED

WELL CMP 15C COLLECTED ON 01/25/89 LABORATORY ANALYSES CONTINUED

0	NICKEL		6	ug/l	Env. Eng.
0	LEAD		13	ug/l	Env. Eng
0	LEAD		11	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		6960	ug/l	Env. Eng
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		44000	ug/l	Env. Eng
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng
0	ZINC		65	ug/l	Env. Eng
0	ZINC		58	ug/l	Env. Eng

WELL CMP 16B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/10/89 Time 1300
Depth to water = 124.24 ft (37.87 m) below the TOC
Water elevation = 193.46 ft (58.97 m) msl
pH = 7.7 Alkalinity = 90 mg/L
Specific Conductance = 190 umhos/cm
Water Temperature = 19.0 degrees Celsius
Water evacuated from the well prior to sampling = 233 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		180.0	UMHC	Env. Lab.
1	SPECIFIC CONDUCTANCE		186.0	UMHC	W. A.
1	SPECIFIC CONDUCTANCE		168.0	UMHC	Env. Eng
1	PH		7.80	pH	Env. Lab
1	PH		7.90	pH	W. A
1	PH		7.09	pH	Env. Eng
0	SILVER	LT	10	ug/l	Env. Lab.
0	SILVER	LT	10	ug/l	W. A.
0	SILVER	LT	2	ug/l	Env. Eng
0	ALUMINUM	LT	200	ug/l	W. A.
0	ARSENIC	LT	5	ug/l	Env. Lab.
0	ARSENIC	LT	10	ug/l	W. A.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	100	ug/l	Env. Lab.
0	BARIUM	LT	200	ug/l	W. A.
0	BARIUM		34	ug/l	Env. Eng.
0	BERYLLIUM	LT	5	ug/l	W. A.
0	BROMODICHLOROMETHANE	LT	1	ug/l	Env. Lab.
1	CALCIUM		36000	ug/l	Env. Lab.
1	CALCIUM		31400	ug/l	W. A.
1	CALCIUM		36400	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	1	ug/l	Env. Lab.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Lab
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	W. A.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	10	ug/l	Env. Lab
0	CADMIUM	LT	5	ug/l	W. A.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	1	ug/l	Env. Lab.
0	CHLOROFORM	LT	1	ug/l	Env. Lab.
0	CHLOROFORM	LT	1	ug/l	W. A.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	1	ug/l	Env. Lab.
0	BROMOMETHANE	LT	1	ug/l	Env. Lab.
0	CHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	CHLORIDE		2000	ug/l	Env. Lab.
0	CHLORIDE	LT	5000	ug/l	W. A.
0	CHLORIDE		2500	ug/l	Env. Eng.
0	CHLORIDE		2500	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	COBALT	LT	50	ug/l	W. A.
0	CHROMIUM	LT	50	ug/l	Env. Lab
0	CHROMIUM	LT	10	ug/l	W. A.
0	CHROMIUM	LT	4	ug/l	Env. Eng
0	COPPER	LT	25	ug/l	W. A.
0	CHLOROETHENE	LT	1	ug/l	Env. Lab
0	CHLOROETHANE	LT	1	ug/l	Env. Lab.
0	BENZENE	LT	1	ug/l	Env. Lab
0	DIBROMOCHLOROMETHANE	LT	1	ug/l	Env. Lab
0	ENDRIN	LT	0.05	ug/l	Env. Lab.
0	ENDRIN	LT	0.10	ug/l	W. A
0	ENDRIN	LT	0.10	ug/l	Env. Eng
0	ETHYLBENZENE	LT	1	ug/l	Env. Lab
0	FLUORIDE	LT	100	ug/l	Env. Lab
0	FLUORIDE	LT	100	ug/l	W. A.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	30	ug/l	Env. Lab.
0	IRON	LT	100	ug/l	W. A.
0	IRON	LT	20	ug/l	Env. Eng
0	MERCURY	LT	0.20	ug/l	Env. Lab.
0	MERCURY	LT	0.20	ug/l	W. A.
0	MERCURY	LT	0.20	ug/l	Env. Eng
0	POTASSIUM	LT	1000	ug/l	Env. Lab.
0	POTASSIUM	LT	5000	ug/l	W. A.
0	POTASSIUM		944	ug/l	Env. Eng
0	LITHIUM	LT	50	ug/l	W. A.
0	LINDANE	LT	0.05	ug/l	Env. Lab.
0	LINDANE	LT	0.05	ug/l	W. A
0	LINDANE	LT	0.05	ug/l	Env. Eng
0	TOLUENE	LT	1	ug/l	Env. Lab
0	METHOXYCHLOR	LT	0.05	ug/l	Env. Lab.
0	METHOXYCHLOR	LT	0.52	ug/l	W. A
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng
0	MAGNESIUM		620	ug/l	Env. Lab
0	MAGNESIUM	LT	5000	ug/l	W. A
0	MAGNESIUM		566	ug/l	Env. Eng
0	MANGANESE	LT	20	ug/l	Env. Lab

CONTINUED

WELL CWP 16B COLLECTED ON 03/10/89 LABORATORY ANALYSES CONTINUED

0	MANGANESE	LT	15	ug/l	W. A.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		1400	ug/l	Env. Lab.
0	SODIUM	LT	5000	ug/l	W. A.
0	SODIUM		1570	ug/l	Env. Eng.
0	NICKEL	LT	50	ug/l	Env. Lab.
0	NICKEL	LT	40	ug/l	W. A.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		300	ug/l	Env. Lab.
0	NITRATE AS NITROGEN		110	ug/l	W. A.
0	NITRATE AS NITROGEN		186	ug/l	Env. Eng.
0	LEAD	LT	100	ug/l	Env. Lab.
0	LEAD	LT	5	ug/l	W. A.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Lab.
0	PHENOLS	LT	5	ug/l	W. A.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	60	ug/l	W. A.
0	SELENIUM	LT	10	ug/l	Env. Lab.
0	SELENIUM	LT	5	ug/l	W. A.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		15570	ug/l	Env. Lab.
1	SILICA		7210	ug/l	W. A.
1	SILICA		14600	ug/l	Env. Eng.
0	SILVEX	LT	0.50	ug/l	Env. Lab.
0	SILVEX	LT	0.53	ug/l	W. A.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	TIN	LT	100	ug/l	W. A.
0	SULFATE		5000	ug/l	Env. Lab.
0	SULFATE	LT	5000	ug/l	W. A.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	1	ug/l	Env. Lab.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Lab.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	W. A.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		120000	ug/l	Env. Lab.
0	TOTAL DISSOLVED SOLIDS		123000	ug/l	W. A.
0	TOTAL DISSOLVED SOLIDS		116000	ug/l	Env. Eng.
0	THALLIUM	LT	10	ug/l	W. A.
0	TOTAL ORGANIC CARBON	LT	5000	ug/l	Env. Lab.
0	TOTAL ORGANIC CARBON		1100	ug/l	W. A.
0	TOTAL ORGANIC CARBON		1200	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	10	ug/l	Env. Lab.
0	TOTAL ORGANIC HALOGENS	LT	20	ug/l	W. A.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		20	ug/l	Env. Lab.
0	TOTAL PHOSPHATES	LT	50	ug/l	W. A.
0	TOTAL PHOSPHATES		22	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Lab.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	W. A.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	0.05	ug/l	Env. Lab.
0	TOXAPHENE	LT	1	ug/l	W. A.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	Env. Lab
0	URANIUM	LT	1000	ug/l	W. A.
0	VANADIUM	LT	50	ug/l	W. A.
0	XYLENES	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	W. A.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROPROPANE	LT	1	ug/l	Env. Lab.
0	1,3-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	CIS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab.
0	TRANS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab.
0	1,4-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	2-CHLOROETHYLVINYL ETHER	LT	1	ug/l	Env. Lab.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.50	ug/l	Env. Lab.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	1	ug/l	W. A.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	2,4,5-TRICHLOROPHENOXYACETIC ACID	LT	0.53	ug/l	W. A.
0	ZINC	LT	10	ug/l	Env. Lab.
0	ZINC	LT	20	ug/l	W. A.
0	ZINC		33	ug/l	Env. Eng.
0	GROSS ALPHA	LT	1	pCi/l	Env. Lab
0	GROSS ALPHA		0.00+-5.00	pCi/l	W. A
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas
0	NONVOLATILE BETA	LT	1	pCi/l	Env. Lab.
0	NONVOLATILE BETA		6.00+-3.00	pCi/l	W. A.
0	NONVOLATILE BETA		1.36+-0.93	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	0.50	pCi/l	Env. Lab.
0	TOTAL RADIUM		0.00+-0.20	pCi/l	W. A.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM	LT	1	pCi/ml	Env. Lab.
0	TRITIUM		0.00+-0.60	pCi/ml	W. A.
0	TRITIUM	LT	1	pCi/ml	Rad. Meas.

WELL CWP 16B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/10/89 Time 1300
Depth to water = 124.24 ft (37.87 m) below the TOC
Water elevation = 193.46 ft (58.97 m) msl
pH = 7.7 Alkalinity = 90 mg/L
Specific Conductance = 190 umhos/cm
Water Temperature = 19.0 degrees Celsius
Water evacuated from the well prior to sampling = 233 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		171.0	UMHO	Env. Eng
1	PH		6.96	pH	Env. Eng
0	SILVER	LT	2	ug/l	Env. Eng
0	ARSENIC	LT	2	ug/l	Env. Eng
0	BARIUM		31	ug/l	Env. Eng
1	CALCIUM		37500	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		2600	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng
0	POTASSIUM		943	ug/l	Env. Eng
0	LINDANE	LT	0.05	ug/l	Env. Eng
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng
0	MAGNESIUM		515	ug/l	Env. Eng
0	MANGANESE	LT	2	ug/l	Env. Eng
0	SODIUM		1370	ug/l	Env. Eng
0	NICKEL	LT	4	ug/l	Env. Eng
0	NITRATE AS NITROGEN		198	ug/l	Env. Eng
0	NITRATE AS NITROGEN		196	ug/l	Env. Eng
0	LEAD	LT	6	ug/l	Env. Eng
0	PHENOLS	LT	5	ug/l	Env. Eng
0	PHENOLS	LT	5	ug/l	Env. Eng
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		15500	ug/l	Env. Eng.
1	SILICA		15300	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		120000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1100	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		24	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng
0	ZINC		100	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas
0	TOTAL RADIUM		0.30+-0.28	pCi/l	Rad. Meas
0	TRITIUM	LT	1	pCi/ml	Rad. Meas

WELL CWP 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/25/89 Time 1555
The well was dry.

WELL CWP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/02/89 Time 1115
Depth to water = 69.86 ft (21.29 m) below the TOC
Water elevation = 204.74 ft (62.41 m) msl
pH = 5.6 Alkalinity = 12 mg/L
Specific Conductance = 55 umhos/cm
Water Temperature = 19.8 degrees Celsius
Water evacuated from the well prior to sampling = 44 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		71.30	UMHO	Env. Eng
0	PH		6.09	pH	Env. Eng
0	SILVER	LT	2	ug/l	Env. Eng
0	ARSENIC	LT	2	ug/l	Env. Eng
1	CALCIUM		18000	ug/l	Env. Eng
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng
0	CHLOROFORM	LT	1	ug/l	Env. Eng
0	CHROMIUM	LT	4	ug/l	Env. Eng
0	FLUORIDE	LT	100	ug/l	Env. Eng
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	MAGNESIUM		315	ug/l	Env. Eng
0	SODIUM		2560	ug/l	Env. Eng
0	LEAD	LT	6	ug/l	Env. Eng
0	PHENOLS	LT	5	ug/l	Env. Eng
0	SULFATE	LT	5000	ug/l	Env. Eng
1	TETRACHLOROETHYLENE		2.00	ug/l	Env. Eng
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng
2	TOTAL ORGANIC HALOGENS		153	ug/l	Env. Eng
2	TRICHLOROETHYLENE		99.0	ug/l	Env. Eng
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng

CONTINUED

WELL CRP 1 COLLECTED ON 02/02/89 LABORATORY ANALYSES CONTINUED

0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
2	TRITIUM		102+-1.74	pCi/ml	Rad. Meas.

WELL CRP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/02/89 Time 1150
Depth to water = 74.72 ft (22.77 m) below the TOC
Water elevation = 203.98 ft (62.17 m) msl
pH = 4.7 Alkalinity = 1 mg/L
Specific Conductance = 16 umhos/cm
Water Temperature = 19.8 degrees Celsius
Water evacuated from the well prior to sampling = 84 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		34.30	UMHC	Env. Eng.
0	PH		5.41	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CALCIUM		890	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	FLUORIDE		100	ug/l	Env. Eng.
0	FLUORIDE		110	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	MAGNESIUM		142	ug/l	Env. Eng.
0	SODIUM		1320	ug/l	Env. Eng.
0	LEAD		12	ug/l	Env. Eng.
0	PHENOLS	LT	3	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		11	ug/l	Env. Eng.
1	TRICHLOROETHYLENE		2.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	GROSS ALPHA		0.74+-1.05	pCi/l	HP, 735A
0	GROSS ALPHA		0.63+-0.50	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		0.38+-0.72	pCi/l	HP, 735A
0	NONVOLATILE BETA		1.28+-0.84	pCi/l	Rad. Meas.
2	TRITIUM		339+-4.00	pCi/ml	HP, 735A
2	TRITIUM		347+-3.19	pCi/ml	Rad. Meas.

WELL CRP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/02/89 Time 1055
pH = 11.7 Alkalinity = 263 mg/L
Specific Conductance = 1140 umhos/cm
Water Temperature = 19.4 degrees Celsius
Water evacuated from the well prior to sampling = 6 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		1590	UMHC	Env. Eng.
2	PH		11.3	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	CALCIUM		241000	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
2	CHROMIUM		107	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	POTASSIUM		4160	ug/l	Env. Eng.
0	MAGNESIUM		20	ug/l	Env. Eng.
0	SODIUM		3890	ug/l	Env. Eng.
2	LEAD		560	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SULFATE		7900	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1300	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		6348	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
2	TRITIUM		20.74+-0.51	pCi/ml	Rad. Meas.
2	TRITIUM		21.19+-0.52	pCi/ml	Rad. Meas.

WELL CRP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/02/89 Time 1220
Depth to water = 63.39 ft (19.32 m) below the TOC
Water elevation = 204.31 ft (62.27 m) msl
pH = 4.7 Alkalinity = 1 mg/L
Specific Conductance = 22 umhos/cm
Water Temperature = 19.2 degrees Celsius
Water evacuated from the well prior to sampling = 61 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		51.60	UMHC	Env. Eng.
0	PH		5.56	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CALCIUM		698	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	MAGNESIUM		335	ug/l	Env. Eng.
0	SODIUM		2010	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		8	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.16+-0.89	pCi/l	Rad. Meas.
1	TRITIUM		12.02+-0.37	pCi/ml	Rad. Meas.

WELL CSA 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/08/89 Time 910
Depth to water = 50.51 ft (15.40 m) below the TOC
Water elevation = 240.29 ft (73.24 m) msl
pH = 4.7 Alkalinity = 0 mg/L
Specific Conductance = 59 umhos/cm
Water Temperature = 22.1 degrees Celsius
Water evacuated from the well prior to sampling = 21 gal

LABORATORY ANALYSES

0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLORIDE		3900	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
1	NITRATE AS NITROGEN		3050	ug/l	Env. Eng.
0	LEAD		7	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.

WELL CSA 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/08/89 Time 840
Depth to water = 49.42 ft (15.06 m) below the TOC
Water elevation = 240.68 ft (73.36 m) msl
pH = 4.8 Alkalinity = 0 mg/L
Specific Conductance = 64 umhos/cm
Water Temperature = 19.3 degrees Celsius
Water evacuated from the well prior to sampling = 58 gal

LABORATORY ANALYSES

0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLORIDE		2600	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		2310	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.

WELL CSA 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/08/89 Time 1005
Depth to water = 49.49 ft (15.08 m) below the TOC
Water elevation = 239.91 ft (73.13 m) msl
pH = 4.7 Alkalinity = 0 mg/L
Specific Conductance = 45 umhos/cm
Water Temperature = 19.8 degrees Celsius
Water evacuated from the well prior to sampling = 55 gal

LABORATORY ANALYSES

0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLORIDE		3000	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		2730	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.

WELL CSA 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/08/89 Time 945
Depth to water = 50.68 ft (15.45 m) below the TOC
Water elevation = 239.72 ft (73.07 m) msl
pH = 4.7 Alkalinity = 0 mg/L
Specific Conductance = 52 umhos/cm
Water Temperature = 20.6 degrees Celsius
Water evacuated from the well prior to sampling = 55 gal

LABORATORY ANALYSES

0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLORIDE		3200	ug/l	Env. Eng.
0	CHLORIDE		3200	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		2560	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.

WELL CSB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/01/89 Time 1730
The well was dry.

WELL CSB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/02/89 Time 1035
Depth to water = 77.73 ft (23.69 m) below the TOC
Water elevation = 206.87 ft (63.05 m) msl
pH = 5.7 Alkalinity = 25 mg/L
Specific Conductance = 77 umhos/cm
Water Temperature = 20.4 degrees Celsius
Water evacuated from the well prior to sampling = 3 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		70.90	UMHC	Env. Eng.
0	PH		5.81	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	CALCIUM		6510	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
1	CHLOROFORM		3	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
2	COPPER		896	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	POTASSIUM		835	ug/l	Env. Eng.
0	MANGANESE		20	ug/l	Env. Eng.
0	SODIUM		4170	ug/l	Env. Eng.
2	LEAD		133	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		3.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1600	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		1297	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		3343	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	GROSS ALPHA		2.18+-0.96	pCi/l	HP, 735A
0	NONVOLATILE BETA		3.01+-1.17	pCi/l	HP, 735A
0	NONVOLATILE BETA		1.30+-0.94	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
2	TRITIUM		396+-4.31	pCi/ml	HP, 735A
2	TRITIUM		73.60+-1.49	pCi/ml	Rad. Meas.

WELL CSB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/02/89 Time 1020
Depth to water = 78.53 ft (23.94 m) below the TOC
Water elevation = 206.37 ft (62.90 m) msl
pH = 5.7 Alkalinity = 10 mg/L
Specific Conductance = 38 umhos/cm
Water Temperature = 20.4 degrees Celsius
Water evacuated from the well prior to sampling = 3 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		30.30	UMHC	Env. Eng.
0	PH		6.00	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	CALCIUM		1770	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
2	COPPER		728	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	MANGANESE		10	ug/l	Env. Eng.
0	SODIUM		1950	ug/l	Env. Eng.
2	LEAD		97	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng

CONTINUED

WELL CSB 3A COLLECTED ON 02/02/89 LABORATORY ANALYSES CONTINUED

0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		23	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	GROSS ALPHA		0.61+-0.53	pCi/l	HP, 735A
0	NONVOLATILE BETA		1.24+-0.90	pCi/l	HP, 735A
0	NONVOLATILE BETA		1.30+-0.81	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
2	TRITIUM		30388+- 535	pCi/ml	HP, 735A
2	TRITIUM		31373+- 192	pCi/ml	Rad. Meas.

WELL CSB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/02/89 Time 1000
Depth to water = 78.93 ft (24.06 m) below the TOC
Water elevation = 206.17 ft (62.84 m) msl
pH = 5.4 Alkalinity = 12 mg/L
Specific Conductance = 55 umhos/cm
Water Temperature = 21.0 degrees Celsius
Water evacuated from the well prior to sampling = 47 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		50.20	UMHC	Env. Eng.
0	PH		5.96	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	CALCIUM		4570	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		9	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	POTASSIUM		757	ug/l	Env. Eng.
2	MANGANESE		93	ug/l	Env. Eng.
0	SODIUM		4600	ug/l	Env. Eng.
0	LEAD		10	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		461	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		284	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	GROSS ALPHA		1.48+-0.79	pCi/l	HP, 735A
0	NONVOLATILE BETA		3.05+-1.17	pCi/l	HP, 735A
0	NONVOLATILE BETA		2.44+-0.95	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.56+-0.79	pCi/l	Rad. Meas.
2	TRITIUM		15461+- 266	pCi/ml	HP, 735A
2	TRITIUM		25820+- 178	pCi/ml	Rad. Meas.

WELL CSB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/02/89 Time 920
Depth to water = 76.46 ft (23.31 m) below the TOC
Water elevation = 206.34 ft (62.89 m) msl
pH = 11.0 Alkalinity = 75 mg/L
Specific Conductance = 306 umhos/cm
Water Temperature = 19.6 degrees Celsius
Water evacuated from the well prior to sampling = 4 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		259.0	UMHC	Env. Eng.
2	PH		10.6	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
1	CALCIUM		32800	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
1	CHROMIUM		7	ug/l	Env. [illegible]
0	COPPER		15	ug/l	Env. [illegible]
0	IRON	LT	20	ug/l	Env. Eng.
0	POTASSIUM		3050	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		32[illegible]	ug/l	Env. Eng.
2	LEAD		57	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		13	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		14	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		10.0	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	GROSS ALPHA		1.16+-1.57	pCi/l	HP, 735A
0	NONVOLATILE BETA		2.45+-3.21	pCi/l	HP, 735A
0	NONVOLATILE BETA		4.26+-1.38	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
2	TRITIUM		994+-2[illegible].4	pCi/ml	HP, 735A
2	TRITIUM		6895+-50.1	pCi/ml	Rad. Meas.

WELL CSB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/02/89 Time 1505
Depth to water = 79.54 ft (24.24 m) below the TOC
Water elevation = 207.26 ft (63.17 m) msl
pH = 6.0 Alkalinity = 30 mg/L
Specific Conductance = 111 umhos/cm
Water Temperature = 22.8 degrees Celsius
Water evacuated from the well prior to sampling = 45 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		108.0	UMHC	Env. Eng.
1	PH		6.54	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
1	CALCIUM		14600	ug/l	Env. Eng.
1	CALCIUM		15900	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		13	ug/l	Env. Eng.
0	COPPER		18	ug/l	Env. Eng.
0	IRON		24	ug/l	Env. Eng.
0	IRON		23	ug/l	Env. Eng.
0	POTASSIUM		965	ug/l	Env. Eng.
0	POTASSIUM		742	ug/l	Env. Eng.
0	MANGANESE		9	ug/l	Env. Eng.
0	MANGANESE		9	ug/l	Env. Eng.
0	SODIUM		2990	ug/l	Env. Eng.
0	SODIUM		3160	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		3.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		17	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		3.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	GROSS ALPHA		0.87+-0.64	pCi/l	HP, 735A
0	NONVOLATILE BETA		1.78+-0.99	pCi/l	HP, 735A
0	NONVOLATILE BETA		2.99+-1.02	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
2	TRITIUM		162+-7.59	pCi/ml	HP, 735A
2	TRITIUM		607+-4.16	pCi/ml	Rad. Meas.

WELL CSO 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/08/89 Time 1130
Depth to water = 54.60 ft (16.64 m) below the TOC
Water elevation = 249.30 ft (75.99 m) msl
pH = 4.4 Alkalinity = 0 mg/L
Specific Conductance = 49 umhos/cm
Water Temperature = 19.9 degrees Celsius
Water evacuated from the well prior to sampling = 45 gal

LABORATORY ANALYSES

1	BARIUM		73	ug/l	Env. Eng.
0	LEAD		9	ug/l	Env. Eng.
2	TRITIUM		22.30+-0.55	pCi/ml	Rad. Meas.

WELL CSO 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/08/89 Time 1140
Depth to water = 52.33 ft (15.95 m) below the TOC
Water elevation = 249.57 ft (76.07 m) msl
pH = 4.5 Alkalinity = 0 mg/L
Specific Conductance = 32 umhos/cm
Water Temperature = 19.8 degrees Celsius
Water evacuated from the well prior to sampling = 153 gal

LABORATORY ANALYSES

0	BARIUM		35	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
1	TRITIUM		17.50+-0.46	pCi/ml	Rad. Meas.

WELL CSR 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/07/89 Time 1200
Depth to water = 20.29 ft (6.18 m) below the TOC
Water elevation = 253.81 ft (77.36 m) msl
pH = 4.8 Alkalinity = 0 mg/L
Specific Conductance = 40 umhos/cm
Water Temperature = 17.5 degrees Celsius
Water evacuated from the well prior to sampling = 43 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		57.30	UMHC	Env. Eng.
0	PH		4.84	pH	Env. Eng.
0	COPPER		8	ug/l	Env. Eng.
0	IRON		62	ug/l	Env. Eng.
0	NICKEL		4	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		2300	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		2300	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	TRITIUM		8.14+-0.33	pCi/ml	Rad. Meas.

WELL CSR 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 840
Depth to water = 36.76 ft (11.20 m) below the TOC
Water elevation = 260.94 ft (79.54 m) msl
pH = 5.4 Alkalinity = 4 mg/L
Specific Conductance = 16 umhos/cm
Water Temperature = 17.9 degrees Celsius
Water evacuated from the well prior to sampling = 7 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		29.40	UMHC	Env. Eng.
0	PH		5.47	pH	Env. Eng.
1	COPPER		46	ug/l	Env. Eng.
1	COPPER		51	ug/l	Env. Eng.
0	IRON		82	ug/l	Env. Eng.
0	IRON		79	ug/l	Env. Eng.
1	NICKEL		40	ug/l	Env. Eng.
1	NICKEL		43	ug/l	Env. Eng.
0	LEAD		9	ug/l	Env. Eng.
0	LEAD		10	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	GROSS ALPHA		0.80+-0.69	pCi/l	Rad. Meas.
0	TRITIUM		3.72+-0.30	pCi/ml	Rad. Meas.

WELL CSR 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/07/89 Time 1505
Depth to water = 32.80 ft (10.00 m) below the TOC
Water elevation = 252.40 ft (76.93 m) msl
pH = 5.2 Alkalinity = 1 mg/L
Specific Conductance = 16 umhos/cm
Water Temperature = 17.1 degrees Celsius
Water evacuated from the well prior to sampling = 17 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		38.40	UMHC	Env. Eng.
1	PH		6.61	pH	Env. Eng.
0	COPPER		10	ug/l	Env. Eng.
1	IRON		219	ug/l	Env. Eng.
0	NICKEL		7	ug/l	Env. Eng.
0	LEAD		6	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		42	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	TRITIUM		7.19+-0.31	pCi/ml	Rad. Meas.

WELL CSR 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/03/89 Time 1715
Depth to water = 30.91 ft (9.42 m) below the TOC
Water elevation = 253.79 ft (77.36 m) msl
pH = 4.9 Alkalinity = 1 mg/L
Specific Conductance = 15 umhos/cm
Water Temperature = 17.2 degrees Celsius
Water evacuated from the well prior to sampling = 56 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		36.40	UMHC	Env. Eng.
0	PH		5.01	pH	Env. Eng.
1	COPPER		24	ug/l	Env. Eng.
0	IRON		59	ug/l	Env. Eng.

CONTINUED

WELL CSR 4 COLLECTED ON 03/03/89 LABORATORY ANALYSES CONTINUED

0	NICKEL	LT	4	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		5	ug/l	Env. Eng.
0	GROSS ALPHA		3.40+-4.19	pCi/l	HP, 735A
0	GROSS ALPHA		0.86+-0.74	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		10.90+-1.38	pCi/l	HP, 735A
0	TRITIUM		5.09+-0.76	pCi/ml	HP, 735A
0	TRITIUM		6.30+-0.31	pCi/ml	Rad. Meas.

WELL DBP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/29/89 Time 1355
Depth to water = 17.31 ft (5.28 m) below the TOC
Water elevation = 117.89 ft (35.93 m) msl
pH = 4.9 Alkalinity = 0 mg/L
Specific Conductance = 46 umhos/cm
Water Temperature = 17.3 degrees Celsius
Water evacuated from the well prior to sampling = 64 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		51.80	UMHC	Env. Eng.
0	PH		4.70	pH	Env. Eng.
0	BARIUM		13	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		9500	ug/l	Env. Eng.
0	IRON		55	ug/l	Env. Eng.
0	MANGANESE		13	ug/l	Env. Eng.
1	SODIUM		5680	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1030	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.

WELL DBP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/29/89 Time 1235
Depth to water = 9.66 ft (2.94 m) below the TOC
Water elevation = 116.64 ft (35.55 m) msl
pH = 4.4 Alkalinity = 0 mg/L
Specific Conductance = 183 umhos/cm
Water Temperature = 18.7 degrees Celsius
Water evacuated from the well prior to sampling = 84 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		175.0	UMHC	Env. Eng.
0	PH		4.17	pH	Env. Eng.
1	BARIUM		87	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		9900	ug/l	Env. Eng.
0	IRON		98	ug/l	Env. Eng.
2	MANGANESE		207	ug/l	Env. Eng.
1	SODIUM		9650	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		545	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
1	SULFATE		58800	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		2400	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		27	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.

WELL DBP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/29/89 Time 1330
Depth to water = 7.81 ft (2.38 m) below the TOC
Water elevation = 120.49 ft (36.73 m) msl
pH = 5.5 Alkalinity = 2 mg/L
Specific Conductance = 65 umhos/cm
Water Temperature = 11.9 degrees Celsius
Water evacuated from the well prior to sampling = 89 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		68.60	UMHC	Env. Eng.
0	PH		5.29	pH	Env. Eng.
0	BARIUM		11	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
1	CHLORIDE		11000	ug/l	Env. Eng.
0	IRON		44	ug/l	Env. Eng.
0	MANGANESE		14	ug/l	Env. Eng.
1	SODIUM		10400	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		255	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.

CONTINUED

WELL DBP 3 COLLECTED ON 01/29/89 LABORATORY ANALYSES CONTINUED

0	PHENOLS	LT	5	ug/l	Env. Eng
0	SULFATE		7300	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env Eng
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.

WELL DBP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/29/89 Time 1300
Depth to water = 7.42 ft (2.26 m) below the TOC
Water elevation = 118.78 ft (36.20 m) msl
pH = 4.5 Alkalinity = 0 mg/L
Specific Conductance = 130 umhos/cm
Water Temperature = 15.4 degrees Celsius
Water evacuated from the well prior to sampling = 90 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		129.0	UMHC	Env. Eng
0	PH		4.28	pH	Env. Eng
0	BARIUM		50	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng
0	CHLORIDE		9300	ug/l	Env. Eng.
0	IRON		53	ug/l	Env. Eng
2	MANGANESE		842	ug/l	Env. Eng.
1	SODIUM		10100	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		176	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
1	SULFATE		34200	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1100	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		11	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.

WELL DCB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/22/89 Time 1415
Depth to water = 13.37 ft (4.08 m) below the TOC
Water elevation = 113.73 ft (34.67 m) msl
pH = 2.6 Alkalinity = 0 mg/L
Specific Conductance = 4600 umhos/cm
Water Temperature = 19.9 degrees Celsius
Water evacuated from the well prior to sampling = 65 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		3780	UMHC	Env. Eng
2	PH		1.99	pH	Env. Eng.
1	SILVER		6	ug/l	Env. Eng.
2	ARSENIC		277	ug/l	Env. Eng.
0	BARIUM		21	ug/l	Env. Eng.
2	BERYLLIUM		54	ug/l	Env. Eng.
1	CALCIUM		165000	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
2	CADMIUM		17	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		3100	ug/l	Env. Eng.
0	CHLORIDE		3400	ug/l	Env. Eng.
1	CHROMIUM		12	ug/l	Env. Eng.
1	COPPER		165	ug/l	Env. Eng.
2	FLUORIDE		10100	ug/l	Env. Eng.
2	FLUORIDE		10100	ug/l	Env. Eng.
2	IRON		23500	ug/l	Env. Eng
0	MERCURY		0.20	ug/l	Env. Eng
0	POTASSIUM		2440	ug/l	Env. Eng
1	MAGNESIUM		65900	ug/l	Env. Eng.
2	MANGANESE		10600	ug/l	Env. Eng.
1	SODIUM		21000	ug/l	Env. Eng
2	NICKEL		1630	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		230	ug/l	Env. Eng
0	LEAD	LT	6	ug/l	Env. Eng
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		82900	ug/l	Env. Eng
2	SULFATE		3176000	ug/l	Env. Eng
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		4550000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		4100	ug/l	Env. Eng
2	TOTAL ORGANIC HALOGENS		144	ug/l	Env. Eng
0	TOTAL PHOSPHATES		260	ug/l	Env. Eng
2	TRICHLOROETHYLENE		58.0	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng
2	ZINC		4330	ug/l	Env. Eng.
0	GROSS ALPHA	LT	18	pCi/l	Rad. Meas
1	NONVOLATILE BETA		31.00+-14.9	pCi/l	Rad. Meas
2	TOTAL RADIUM		11.80+-1.69	pCi/l	Rad. Meas
0	TRITIUM		1.01+-0.32	pCi/ml	Rad. Meas

WELL DCB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/22/89 Time 1335
Depth to water = 12.17 ft (3.71 m) below the TOC
Water elevation = 122.13 ft (37.23 m) msl
pH = 4.9 Alkalinity = 0 mg/L
Specific Conductance = 50 umhos/cm
Water Temperature = 20.0 degrees Celsius
Water evacuated from the well prior to sampling = 64 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		99.70	UMHC	Env. Eng.
1	PH		3.95	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		27	ug/l	Env. Eng.
0	BERYLLIUM	LT	5	ug/l	Env. Eng.
0	CALCIUM		2190	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		5200	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
1	COPPER		81	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		41	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		961	ug/l	Env. Eng.
0	MAGNESIUM		1010	ug/l	Env. Eng.
1	MANGANESE		26	ug/l	Env. Eng.
0	SODIUM		2530	ug/l	Env. Eng.
1	NICKEL		12	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		2550	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		2540	ug/l	Env. Eng.
1	LEAD		21	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		12400	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		34000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		120	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	ZINC		53	ug/l	Env. Eng.
0	GROSS ALPHA		1.83+-0.89	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.50+-0.92	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.76+-0.53	pCi/l	Rad. Meas.
0	TRITIUM		4.37+-0.28	pCi/ml	Rad. Meas.

WELL DCB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/11/89 Time 1645
Depth to water = 13.93 ft (4.25 m) below the TOC
Water elevation = 119.07 ft (36.29 m) msl
pH = 4.8 Alkalinity = 0 mg/L
Specific Conductance = 81 umhos/cm
Water Temperature = 18.6 degrees Celsius
Water evacuated from the well prior to sampling = 102 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		63.00	UMHC	Env. Lab.
0	SPECIFIC CONDUCTANCE		66.70	UMHC	W. A.
0	SPECIFIC CONDUCTANCE		66.90	UMHC	W. A.
0	SPECIFIC CONDUCTANCE		67.70	UMHC	Env. Eng.
0	PH		5.10	pH	Env. Lab.
0	PH		5.20	pH	W. A.
0	PH		5.10	pH	W. A.
0	PH		5.11	pH	Env. Eng.
0	SILVER	LT	10	ug/l	Env. Lab.
0	SILVER	LT	10	ug/l	W. A.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	200	ug/l	W. A.
0	ARSENIC	LT	5	ug/l	Env. Lab.
0	ARSENIC	LT	10	ug/l	W. A.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	100	ug/l	Env. Lab.
0	BARIUM	LT	200	ug/l	W. A.
0	BARIUM		33	ug/l	Env. Eng.
0	BARIUM		33	ug/l	Env. Eng.
0	BERYLLIUM	LT	10	ug/l	Env. Lab.
0	BERYLLIUM	LT	5	ug/l	W. A.
0	BERYLLIUM	LT	5	ug/l	Env. Eng.
0	BERYLLIUM	LT	5	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	CALCIUM		2590	ug/l	Env. Lab.
0	CALCIUM	LT	5000	ug/l	W. A.
0	CALCIUM		2310	ug/l	Env. Eng.
0	CALCIUM		2420	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	1	ug/l	Env. Lab.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Lab.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	W. A.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	10	ug/l	Env. Lab.
0	CADMIUM	LT	5	ug/l	W. A.
0	CADMIUM	LT	2	ug/l	Env. Eng
0	CADMIUM	LT	2	ug/l	Env. Eng.

CONTINUED

WELL DCB 3A COLLECTED ON 03/11/89 LABORATORY ANALYSES CONTINUED

0	BROMOFORM	LT	1	ug/l	Env. Lab
0	CHLOROFORM	LT	1	ug/l	Env. Lab.
0	CHLOROFORM	LT	1	ug/l	W. A
0	CHLOROFORM	LT	1	ug/l	Env. Eng
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	1	ug/l	Env. Lab.
0	BROMOMETHANE	LT	1	ug/l	Env. Lab.
0	CHLOROMETHANE	LT	1	ug/l	Env. Lab
0	CHLORIDE		7000	ug/l	Env. Lab
1	CHLORIDE		10900	ug/l	W. A
0	CHLORIDE		7100	ug/l	Env. Eng
0	CHLOROBENZENE	LT	1	ug/l	Env. Lab
0	COBALT	LT	30	ug/l	W. A.
0	CHROMIUM	LT	50	ug/l	Env. Lab.
0	CHROMIUM	LT	10	ug/l	W. A.
0	CHROMIUM	LT	4	ug/l	Env. Eng
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	20	ug/l	Env. Lab.
0	COPPER	LT	25	ug/l	W. A.
0	COPPER	LT	4	ug/l	Env. Eng.
0	COPPER		4	ug/l	Env. Eng.
0	CHLOROETHENE	LT	1	ug/l	Env. Lab.
0	CHLOROETHANE	LT	1	ug/l	Env. Lab.
0	BENZENE	LT	1	ug/l	Env. Lab.
0	DIBROMOCHLOROMETHANE	LT	1	ug/l	Env. Lab.
1	ETHYLBENZENE		1	ug/l	Env. Lab.
0	FLUORIDE	LT	100	ug/l	Env. Lab.
0	FLUORIDE	LT	100	ug/l	W. A.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		80	ug/l	Env. Lab.
1	IRON		210	ug/l	W. A.
0	IRON		59	ug/l	Env. Eng.
0	IRON		68	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Lab.
0	MERCURY	LT	0.20	ug/l	W. A.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	1000	ug/l	Env. Lab.
0	POTASSIUM	LT	5000	ug/l	W. A.
0	POTASSIUM		649	ug/l	Env. Eng
0	POTASSIUM		651	ug/l	Env. Eng.
0	LITHIUM	LT	50	ug/l	W. A.
0	TOLUENE	LT	1	ug/l	Env. Lab.
0	MAGNESIUM		1000	ug/l	Env. Lab.
0	MAGNESIUM	LT	5000	ug/l	W. A.
0	MAGNESIUM		1000	ug/l	Env. Eng
0	MAGNESIUM		996	ug/l	Env. Eng.
2	MANGANESE		110	ug/l	Env. Lab.
2	MANGANESE		87	ug/l	W. A.
2	MANGANESE		99	ug/l	Env. Eng.
2	MANGANESE		95	ug/l	Env. Eng.
1	SODIUM		6300	ug/l	Env. Lab.
1	SODIUM		8590	ug/l	W. A.
1	SODIUM		6010	ug/l	Env. Eng
1	SODIUM		6070	ug/l	Env. Eng
0	NICKEL	LT	50	ug/l	Env. Lab
0	NICKEL	LT	40	ug/l	W. A.
0	NICKEL	LT	4	ug/l	Env. Eng
0	NICKEL	LT	4	ug/l	Env. Eng
0	NITRATE AS NITROGEN		800	ug/l	Env. Lab
0	NITRATE AS NITROGEN	LT	100	ug/l	W. A.
0	NITRATE AS NITROGEN		157	ug/l	Env. Eng
0	LEAD	LT	100	ug/l	Env. Lab.
0	LEAD		6	ug/l	W. A.
0	LEAD		8	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Lab.
0	PHENOLS	LT	5	ug/l	W. A.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	60	ug/l	W. A.
0	SELENIUM	LT	10	ug/l	Env. Lab
0	SELENIUM	LT	5	ug/l	W. A.
0	SELENIUM	LT	2	ug/l	Env. Eng
1	SILICA		9710	ug/l	Env. Lab.
1	SILICA		4180	ug/l	W. A.
1	SILICA		9140	ug/l	Env. Eng.
0	TIN	LT	100	ug/l	W. A.
1	SULFATE		16000	ug/l	Env. Lab.
1	SULFATE		14300	ug/l	W. A.
1	SULFATE		14900	ug/l	Env. Eng
0	1,1,2,2-TETRACHLOROETHANE	LT	1	ug/l	Env. Lab
1	TETRACHLOROETHYLENE		1.30	ug/l	Env. Lab
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	W. A.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		1.07	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		52000	ug/l	Env. Lab
0	TOTAL DISSOLVED SOLIDS		49000	ug/l	W. A.
0	TOTAL DISSOLVED SOLIDS		50000	ug/l	Env. Eng.
0	THALLIUM	LT	10	ug/l	W. A.
0	TOTAL ORGANIC CARBON	LT	5000	ug/l	Env. Lab.
0	TOTAL ORGANIC CARBON		620	ug/l	W. A
0	TOTAL ORGANIC CARBON		830	ug/l	W. A.
0	TOTAL ORGANIC CARBON		1100	ug/l	Env. Eng
0	TOTAL ORGANIC HALOGENS	LT	10	ug/l	Env. Lab
0	TOTAL ORGANIC HALOGENS	LT	20	ug/l	W. A.
0	TOTAL ORGANIC HALOGENS		9	ug/l	Env. Eng
0	TOTAL PHOSPHATES	LT	10	ug/l	Env. Lab
0	TOTAL PHOSPHATES	LT	50	ug/l	W. A
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng
2	TRICHLOROETHYLENE		4.60	ug/l	Env. Lab
2	TRICHLOROETHYLENE		3.00	ug/l	W. A
2	TRICHLOROETHYLENE		2.66	ug/l	Env. Eng
2	TRICHLOROETHYLENE		2.73	ug/l	Env. Eng
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	Env. Lab
0	URANIUM	LT	1000	ug/l	W. A
0	VANADIUM	LT	50	ug/l	W. A
1	XYLENES		3	ug/l	Env. Lab
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	Env. Lab
0	1,1-DICHLOROETHANE	LT	1	ug/l	Env. Lab
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Lab

CONTINUED

WELL DCB 3A COLLECTED ON 03/11/89 LABORATORY ANALYSES CONTINUED

0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	W. A.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROPROPANE	LT	1	ug/l	Env. Lab.
0	1,3-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	CIS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab.
0	TRANS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab.
0	1,4-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	2-CHLOROETHYLVINYL ETHER	LT	1	ug/l	Env. Lab.
0	ZINC	LT	10	ug/l	Env. Lab.
0	ZINC		22	ug/l	W. A.
0	ZINC		17	ug/l	Env. Eng.
0	ZINC		18	ug/l	Env. Eng.
0	GROSS ALPHA	LT	1	pCi/l	Env. Lab.
0	GROSS ALPHA		0.00+-5.00	pCi/l	W. A.
0	GROSS ALPHA		0.84+-0.58	pCi/l	Rad. Meas.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Env. Lab.
0	NONVOLATILE BETA		4.00+-2.00	pCi/l	W. A.
0	NONVOLATILE BETA		1.83+-0.90	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.64+-0.78	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	0.50	pCi/l	Env. Lab.
0	TOTAL RADIUM		0.00+-0.20	pCi/l	W. A.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		2.66+-0.55	pCi/ml	Env. Lab.
0	TRITIUM		5.10+-0.60	pCi/ml	W. A.
0	TRITIUM		3.72+-0.27	pCi/ml	Rad. Meas.
0	TRITIUM		3.52+-0.27	pCi/ml	Rad. Meas.

WELL DCB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/11/89 Time 1645
Depth to water = 13.93 ft (4.25 m) below the TOC
Water elevation = 119.07 ft (36.29 m) msl
pH = 4.8 Alkalinity = 0 mg/L
Specific Conductance = 81 umhos/cm
Water Temperature = 18.6 degrees Celsius
Water evacuated from the well prior to sampling = 102 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		90.50	UMHC	Env. Eng.
0	PH		5.02	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		33	ug/l	Env. Eng.
0	BERYLLIUM	LT	5	ug/l	Env. Eng.
0	CALCIUM		2800	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		6800	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		69	ug/l	Env. Eng.
0	MERCURY		0.21	ug/l	Env. Eng.
0	POTASSIUM		653	ug/l	Env. Eng.
0	MAGNESIUM		1260	ug/l	Env. Eng.
2	MANGANESE		195	ug/l	Env. Eng.
1	SODIUM		6130	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		158	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		153	ug/l	Env. Eng.
0	LEAD		10	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		9110	ug/l	Env. Eng.
1	SULFATE		15000	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		1.18	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		44000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1100	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		11	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		2.83	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	ZINC		19	ug/l	Env. Eng.
0	GROSS ALPHA		1.21+-0.85	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		3.83+-0.28	pCi/ml	Rad. Meas.

WELL DCB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/28/89 Time 1505
Depth to water = 11.89 ft (3.62 m) below the TOC
Water elevation = 117.61 ft (35.85 m) msl
pH = 4.4 Alkalinity = 0 mg/L
Specific Conductance = 595 umhos/cm
Water Temperature = 20.4 degrees Celsius
Water evacuated from the well prior to sampling = 65 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		564.0	UMHC	Env. Eng.
0	PH		4.20	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
1	ARSENIC		9	ug/l	Env. Eng.
1	BARIUM		60	ug/l	Env. Eng.
1	BERYLLIUM		9	ug/l	Env. Eng.
1	CALCIUM		68500	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM		2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		1900	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
1	COPPER		30	ug/l	Env. Eng.
1	COPPER		29	ug/l	Env. Eng.
1	FLUORIDE		1150	ug/l	Env. Eng.
1	FLUORIDE		1150	ug/l	Env. Eng.
1	IRON		243	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		2510	ug/l	Env. Eng.
1	MAGNESIUM		39400	ug/l	Env. Eng.
2	MANGANESE		1820	ug/l	Env. Eng.
0	SODIUM		3040	ug/l	Env. Eng.
2	NICKEL		191	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		829	ug/l	Env. Eng.
0	LEAD		10	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		19900	ug/l	Env. Eng.
2	SULFATE		326000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		462000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		448000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		12	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		90	ug/l	Env. Eng.
1	TRICHLOROETHYLENE		2.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
1	ZINC		467	ug/l	Env. Eng.
0	GROSS ALPHA		4.83+-2.77	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM		2.17+-0.66	pCi/l	Rad. Meas.
0	TRITIUM		6.47+-0.31	pCi/ml	Rad. Meas.

WELL DCB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/22/89 Time 1440
Depth to water = 5.96 ft (1.82 m) below the TOC
Water elevation = 116.94 ft (35.64 m) msl
pH = 5.0 Alkalinity = 0 mg/L
Specific Conductance = 545 umhos/cm
Water Temperature = 19.6 degrees Celsius
Water evacuated from the well prior to sampling = 81 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		468.0	UMHC	Env. Eng.
1	PH		3.73	pH	Env. Eng.
1	SILVER		4	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		40	ug/l	Env. Eng.
1	BERYLLIUM		8	ug/l	Env. Eng.
1	CALCIUM		48600	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		2500	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		16	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		75	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		2660	ug/l	Env. Eng.
1	MAGNESIUM		24400	ug/l	Env. Eng.
2	MANGANESE		979	ug/l	Env. Eng.
0	SODIUM		4070	ug/l	Env. Eng.
1	NICKEL		53	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		2210	ug/l	Env. Eng.
0	LEAD		7	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		17100	ug/l	Env. Eng.
2	SULFATE		258000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		346000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		31	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		140	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		29.0	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	ZINC		136	ug/l	Env. Eng.
0	GROSS ALPHA		1.70+-1.57	pCi/l	Rad. Meas.

CONTINUED

WELL DCB 5A COLLECTED ON 01/22/89 LABORATORY ANALYSES CONTINUED

0	NONVOLATILE BETA		5.41+-2.11 pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.70+-0.70 pCi/l	Rad. Meas.
0	TRITIUM		5.14+-0.28 pCi/ml	Rad. Meas.

WELL DCB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/29/89 Time 950
Depth to water = 18.34 ft (5.59 m) below the TOC
Water elevation = 114.86 ft (35.01 m) msl
pH = 3.5 Alkalinity = 0 mg/L
Specific Conductance = 3400 umhos/cm
Water Temperature = 20.6 degrees Celsius
Water evacuated from the well prior to sampling = 5 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		2880	UMHC	Env. Eng.
1	PH		3.14	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
2	ARSENIC		70	ug/l	Env. Eng.
0	BARIUM		15	ug/l	Env. Eng.
1	BERYLLIUM		19	ug/l	Env. Eng.
1	CALCIUM		158000	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
2	CADMIUM		8	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
1	CHLORIDE		10300	ug/l	Env. Eng.
2	CHROMIUM		2760	ug/l	Env. Eng.
1	COPPER		85	ug/l	Env. Eng.
2	FLUORIDE		4360	ug/l	Env. Eng.
2	FLUORIDE		4360	ug/l	Env. Eng.
2	IRON		26700	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
1	POTASSIUM		5540	ug/l	Env. Eng.
1	MAGNESIUM		172000	ug/l	Env. Eng.
2	MANGANESE		22300	ug/l	Env. Eng.
1	SODIUM		25200	ug/l	Env. Eng.
2	NICKEL		2040	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		75	ug/l	Env. Eng.
2	LEAD		54	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM		2	ug/l	Env. Eng.
1	SILICA		40300	ug/l	Env. Eng.
2	SULFATE		2337000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		3258000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		2800	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		137	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		100	ug/l	Env. E .
1	TRICHLOROETHYLENE		2.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
1	ZINC		1890	ug/l	Env. Eng.
2	GROSS ALPHA		39.04+-15.5	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		31.30+-7.88	pCi/l	Rad. Meas.
2	TOTAL RADIUM		8.20+-1.25	pCi/l	Rad. Meas.
0	TRITIUM		5.03+-0.30	pCi/ml	Rad. Meas.

WELL DCB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/22/89 Time 1230
Depth to water = 16.83 ft (5.13 m) below the TOC
Water elevation = 115.97 ft (35.35 m) msl
pH = 3.4 Alkalinity = 0 mg/L
Specific Conductance = 1870 umhos/cm
Water Temperature = 22.6 degrees Celsius
Water evacuated from the well prior to sampling = 30 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		1800	UMHC	Env. Eng.
2	PH		2.07	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
2	ARSENIC		115	ug/l	Env. Eng.
0	BARIUM		24	ug/l	Env. Eng.
2	BERYLLIUM		93	ug/l	Env. Eng.
1	CALCIUM		67000	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
2	CADMIUM		7	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
2	CHROMIUM		340	ug/l	Env. Eng.
1	COPPER		92	ug/l	Env. Eng.
2	FLUORIDE		4990	ug/l	Env. Eng.
2	IRON		44400	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1500	ug/l	Env. Eng.
1	MAGNESIUM		103000	ug/l	Env. Eng.
2	MANGANESE		11700	ug/l	Env. Eng.
1	SODIUM		5130	ug/l	Env. Eng.
2	NICKEL		820	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		110	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		42200	ug/l	Env. Eng.
2	SULFATE		1268000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		1810000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1500	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1500	ug/l	Env. Eng.

CONTINUED

WELL DCB 7 COLLECTED ON 01/22/89 LABORATORY ANALYSES CONTINUED

2	TOTAL ORGANIC HALOGENS		98	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		110	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		57.0	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
1	ZINC		1810	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
1	TOTAL RADIUM		2.94+-0.88	pCi/l	Rad. Meas.
0	TRITIUM		0.83+-0.25	pCi/ml	Rad. Meas.

WELL DCB 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/22/89 Time 1310
Depth to water = 13.33 ft (4.06 m) below the TOC
Water elevation = 123.47 ft (37.63 m) msl
pH = 4.9 Alkalinity = 0 mg/L
Specific Conductance = 42 umhos/cm
Water Temperature = 19.2 degrees Celsius
Water evacuated from the well prior to sampling = 34 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		66.50	UMHC	Env. Eng.
0	PH		4.07	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		16	ug/l	Env. Eng.
0	BERYLLIUM	LT	5	ug/l	Env. Eng.
0	CALCIUM		2380	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		4000	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		83	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		843	ug/l	Env. Eng.
0	MAGNESIUM		872	ug/l	Env. Eng.
1	MANGANESE		26	ug/l	Env. Eng.
0	SODIUM		2210	ug/l	Env. Eng.
0	NICKEL		5	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1510	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		10500	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS	LT	5000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		40	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	ZINC		32	ug/l	Env. Eng.
0	GROSS ALPHA		0.59+-0.53	pCi/l	Rad. Meas.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.74+-0.80	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		0.86+-0.80	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		4.85+-0.29	pCi/ml	Rad. Meas.
0	TRITIUM		5.59+-0.30	pCi/ml	Rad. Meas.

WELL DCB 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/11/89 Time 1550
Depth to water = 8.27 ft (2.52 m) below the TOC
Water elevation = 114.03 ft (34.76 m) msl
pH = 3.3 Alkalinity = 0 mg/L
Specific Conductance = 1698 umhos/cm
Water Temperature = 20.1 degrees Celsius
Water evacuated from the well prior to sampling = 83 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		1600	UMHC	Env. Lab.
1	SPECIFIC CONDUCTANCE		1630	UMHC	W. A.
1	SPECIFIC CONDUCTANCE		1450	UMHC	Env. Eng.
0	PH		4.70	pH	Env. Lab.
1	PH		3.40	pH	W. A.
1	PH		3.32	pH	Env. Eng.
0	SILVER	LT	10	ug/l	Env. Lab.
0	SILVER	LT	10	ug/l	W. A.
0	SILVER	LT	2	ug/l	Env. Eng.
2	ALUMINUM		43500	ug/l	W. A.
0	ARSENIC	LT	5	ug/l	Env. Lab.
0	ARSENIC	LT	10	ug/l	W. A.
2	ARSENIC		43	ug/l	Env. Eng.
0	BARIUM	LT	100	ug/l	Env. Lab.
0	BARIUM	LT	200	ug/l	W. A.
0	BARIUM		22	ug/l	Env. Eng.
1	BERYLLIUM		20	ug/l	Env. Lab.
1	BERYLLIUM		17	ug/l	W. A.
1	BERYLLIUM		18	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	1	ug/l	Env. Lab.

CONTINUED

WELL DCB 9 COLLECTED ON 03/11/89 LABORATORY ANALYSES CONTINUED

1	CALCIUM		140000	ug/l	Env. Lab.
1	CALCIUM		111000	ug/l	W. A.
1	CALCIUM		150000	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	1	ug/l	Env. Lab.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Lab.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	W. A.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	10	ug/l	Env. Lab.
2	CADMIUM		5	ug/l	W. A.
1	CADMIUM		4	ug/l	Env. Eng.
0	BROMOFORM	LT	1	ug/l	Env. Lab.
0	CHLOROFORM	LT	1	ug/l	Env. Lab.
0	CHLOROFORM	LT	1	ug/l	W. A.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	1	ug/l	Env. Lab.
0	BROMOMETHANE	LT	1	ug/l	Env. Lab.
0	CHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	CHLORIDE		7000	ug/l	Env. Lab.
1	CHLORIDE		12000	ug/l	W. A.
0	CHLORIDE		8800	ug/l	Env. Eng.
0	CHLORIDE		9000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	1	ug/l	Env. Lab.
1	COBALT		2360	ug/l	W. A.
0	CHROMIUM	LT	50	ug/l	Env. Lab.
2	CHROMIUM		29	ug/l	W. A.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
1	COPPER		50	ug/l	Env. Lab.
1	COPPER		62	ug/l	W. A.
1	COPPER		67	ug/l	Env. Eng.
0	CHLOROETHENE	LT	1	ug/l	Env. Lab.
0	CHLOROETHANE	LT	1	ug/l	Env. Lab.
0	BENZENE	LT	1	ug/l	Env. Lab.
0	DIBROMOCHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	ETHYLBENZENE	LT	1	ug/l	Env. Lab.
1	FLUORIDE		790	ug/l	Env. Lab.
1	FLUORIDE		940	ug/l	W. A.
1	FLUORIDE		940	ug/l	W. A.
2	FLUORIDE		2200	ug/l	Env. Eng.
2	IRON		1700	ug/l	Env. Lab.
2	IRON		1620	ug/l	W. A.
2	IRON		1470	ug/l	Env. Eng.
1	MERCURY		0.50	ug/l	Env. Lab.
2	MERCURY		1.10	ug/l	W. A.
2	MERCURY		1.53	ug/l	Env. Eng.
0	POTASSIUM		3000	ug/l	Env. Lab.
0	POTASSIUM	LT	5000	ug/l	W. A.
0	POTASSIUM		4010	ug/l	Env. Eng.
1	LITHIUM		73	ug/l	W. A.
0	TOLUENE	LT	1	ug/l	Env. Lab.
1	MAGNESIUM		68000	ug/l	Env. Lab.
1	MAGNESIUM		56900	ug/l	W. A.
1	MAGNESIUM		73000	ug/l	Env. Eng.
2	MANGANESE		58000	ug/l	Env. Lab.
2	MANGANESE		46800	ug/l	W. A.
2	MANGANESE		63000	ug/l	Env. Eng.
1	SODIUM		14000	ug/l	Env. Lab.
1	SODIUM		15200	ug/l	W. A.
1	SODIUM		15100	ug/l	Env. Eng.
2	NICKEL		440	ug/l	Env. Lab.
2	NICKEL		385	ug/l	W. A.
2	NICKEL		374	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1000	ug/l	Env. Lab.
0	NITRATE AS NITROGEN		580	ug/l	W. A.
0	NITRATE AS NITROGEN		763	ug/l	Env. Eng.
0	LEAD	LT	100	ug/l	Env. Lab.
0	LEAD		6	ug/l	W. A.
0	LEAD		11	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Lab.
0	PHENOLS	LT	5	ug/l	W. A.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	60	ug/l	W. A.
0	SELENIUM	LT	20	ug/l	Env. Lab.
0	SELENIUM	LT	5	ug/l	W. A.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		47730	ug/l	Env. Lab.
1	SILICA		20500	ug/l	W. A.
1	SILICA		47100	ug/l	Env. Eng.
1	TIN		159	ug/l	W. A.
2	SULFATE		1600000	ug/l	Env. Lab.
2	SULFATE		1030000	ug/l	W. A.
2	SULFATE		951000	ug/l	Env. Eng.
2	SULFATE		981000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	1	ug/l	Env. Lab.
2	TETRACHLOROETHYLENE		5.80	ug/l	Env. Lab.
2	TETRACHLOROETHYLENE		5.00	ug/l	W. A.
1	TETRACHLOROETHYLENE		4.08	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		1600000	ug/l	Env. Lab.
0	TOTAL DISSOLVED SOLIDS		1460000	ug/l	W. A.
0	TOTAL DISSOLVED SOLIDS		1494000	ug/l	Env. Eng.
0	THALLIUM	LT	10	ug/l	W. A.
0	TOTAL ORGANIC CARBON	LT	5000	ug/l	Env. Lab.
0	TOTAL ORGANIC CARBON		1300	ug/l	W. A.
0	TOTAL ORGANIC CARBON		2000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	10	ug/l	Env. Lab.
2	TOTAL ORGANIC HALOGENS		48	ug/l	W. A.
2	TOTAL ORGANIC HALOGENS		34	ug/l	W. A.
2	TOTAL ORGANIC HALOGENS		69	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		50	ug/l	Env. Lab.
0	TOTAL PHOSPHATES		58	ug/l	W. A.
0	TOTAL PHOSPHATES	LT	100	ug/l	W. A.
0	TOTAL PHOSPHATES		108	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		50.0	ug/l	Env. Lab.
2	TRICHLOROETHYLENE		81.0	ug/l	W. A.
2	TRICHLOROETHYLENE		60.0	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	Env. Lab.
0	URANIUM	LT	1000	ug/l	W. A.
0	VANADIUM	LT	50	ug/l	W. A.
0	XYLENES	LT	1	ug/l	Env. Lab.

CONTINUED

WELL DCB 9 COLLECTED ON 03/11/89 LABORATORY ANALYSES CONTINUED

0	1,1-DICHLOROETHYLENE	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	W. A.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROPROPANE	LT	1	ug/l	Env. Lab.
0	1,3-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	CIS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab.
0	TRANS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab.
0	1,4-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	2-CHLOROETHYLVINYL ETHER	LT	1	ug/l	Env. Lab.
1	ZINC		1000	ug/l	Env. Lab.
1	ZINC		967	ug/l	W. A.
1	ZINC		1010	ug/l	Env. Eng.
1	GROSS ALPHA		13.30+-3.44	pCi/l	Env. Lab.
1	GROSS ALPHA		7.00+-4.00	pCi/l	W. A.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		13.29+-3.90	pCi/l	Env. Lab.
1	NONVOLATILE BETA		11.00+-3.00	pCi/l	W. A.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.43+-0.32	pCi/l	Env. Lab.
0	TOTAL RADIUM		1.70+-0.50	pCi/l	W. A.
0	TOTAL RADIUM		1.48+-1.06	pCi/l	Rad. Meas.
0	TRITIUM		4.05+-0.58	pCi/ml	Env. Lab.
0	TRITIUM		6.30+-0.70	pCi/ml	W. A.
0	TRITIUM		6.42+-0.31	pCi/ml	Rad. Meas.

WELL DCB 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/11/89 Time 1550
Depth to water = 8.27 ft (2.52 m) below the TOC
Water elevation = 114.03 ft (34.76 m) msl
pH = 3.3 Alkalinity = 0 mg/L
Specific Conductance = 1698 umhos/cm
Water Temperature = 20.1 degrees Celsius
Water evacuated from the well prior to sampling = 83 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		1460	UMHO	Env. Eng.
1	PH		3.36	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
2	ARSENIC		34	ug/l	Env. Eng.
0	BARIUM		21	ug/l	Env. Eng.
1	BERYLLIUM		17	ug/l	Env. Eng.
1	CALCIUM		185000	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
1	CADMIUM		3	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		4600	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
1	COPPER		70	ug/l	Env. Eng.
2	FLUORIDE		2400	ug/l	Env. Eng.
2	IRON		1410	ug/l	Env. Eng.
2	MERCURY		2.96	ug/l	Env. Eng.
0	POTASSIUM		4110	ug/l	Env. Eng.
1	MAGNESIUM		90500	ug/l	Env. Eng.
2	MANGANESE		81000	ug/l	Env. Eng.
1	SODIUM		18800	ug/l	Env. Eng.
2	NICKEL		343	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		714	ug/l	Env. Eng.
0	LEAD		15	ug/l	Env. Eng.
1	PHENOLS		10	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		47100	ug/l	Env. Eng.
2	SULFATE		698000	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		5.52	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		1470000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		1476000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		2000	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		63	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		97	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		73.2	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
1	ZINC		954	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		21.30+-11.1	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.68+-0.98	pCi/l	Rad. Meas.
0	TRITIUM		4.14+-0.28	pCi/ml	Rad. Meas.

WELL DCB 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/28/89 Time 1535
Depth to water = 10.95 ft (3.34 m) below the TOC
Water elevation = 112.95 ft (34.43 m) msl
pH = 2.4 Alkalinity = 0 mg/L
Specific Conductance = 5200 umhos/cm
Water Temperature = 20.0 degrees Celsius
Water evacuated from the well prior to sampling = 34 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		4280	UMHO	Env. Eng.
2	PH		2.51	pH	Env. Eng.
1	SILVER		3	ug/l	Env. Eng.
2	ARSENIC		184	ug/l	Env. Eng.

CONTINUED

WELL DCB 10 COLLECTED ON 01/28/89 LABORATORY ANALYSES CONTINUED

0	BARIUM		30	ug/l	Env. Eng.
2	BERYLLIUM		98	ug/l	Env. Eng.
1	CALCIUM		172000	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
2	CADMIUM		18	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		3700	ug/l	Env. Eng.
2	CHROMIUM		794	ug/l	Env. Eng.
2	COPPER		631	ug/l	Env. Eng.
2	FLUORIDE		3820	ug/l	Env. Eng.
2	IRON		249000	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		674	ug/l	Env. Eng.
1	MAGNESIUM		176000	ug/l	Env. Eng.
2	MANGANESE		17500	ug/l	Env. Eng.
1	SODIUM		27100	ug/l	Env. Eng.
2	NICKEL		2650	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		487	ug/l	Env. Eng.
0	LEAD	LT	60	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		110000	ug/l	Env. Eng.
2	SULFATE		4056000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		5172000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		4900	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		94	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		300	ug/l	Env Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
2	ZINC		5520	ug/l	Env. Eng.
2	GROSS ALPHA		82.75+-12.3	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		34.20+-7.39	pCi/l	Rad. Meas.
2	TOTAL RADIUM		27.20+-2.16	pCi/l	Rad. Meas.
0	TRITIUM		4.56+-0.29	pCi/ml	Rad. Meas.

WELL DCB 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/29/89 Time 1020
Depth to water = 10.96 ft (3.34 m) below the TOC
Water elevation = 119.64 ft (36.47 m) msl
pH = 3.4 Alkalinity = 0 mg/L
Specific Conductance = 4500 umhos/cm
Water Temperature = 20.9 degrees Celsius
Water evacuated from the well prior to sampling = 11 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		4130	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		4130	UMHC	Env. Eng.
2	PH		2.91	pH	Env. Eng.
2	PH		2.92	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
1	ARSENIC		8	ug/l	Env. Eng.
1	BARIUM		87	ug/l	Env. Eng.
2	BERYLLIUM		43	ug/l	Env. Eng.
1	CALCIUM		248000	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	20	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
1	CHLORIDE		11500	ug/l	Env. Eng.
1	CHLORIDE		11400	ug/l	Env. Eng.
1	CHROMIUM		11	ug/l	Env. Eng.
1	COPPER		28	ug/l	Env. Eng.
0	FLUORIDE		230	ug/l	Env. Eng.
2	IRON		286000	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
1	POTASSIUM		108000	ug/l	Env. Eng.
1	MAGNESIUM		330000	ug/l	Env. Eng.
2	MANGANESE		14600	ug/l	Env. Eng.
1	SODIUM		103000	ug/l	Env. Eng.
1	NICKEL		91	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	LT	50	ug/l	Env. Eng.
2	LEAD		57	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		29000	ug/l	Env. Eng.
2	SULFATE		2906000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		4064000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		10	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		80	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	ZINC		91	ug/l	Env. Eng.
1	GROSS ALPHA		14.70+-12.5	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		121+-11.5	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.72+-0.47	pCi/l	Rad. Meas.
0	TRITIUM		3.16+-0.27	pCi/ml	Rad. Meas.

WELL DCB 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/14/89 Time 1250
Depth to water = 8.40 ft (2.56 m) below the TOC
Water elevation = 108.50 ft (33.07 m) msl
pH = 3.6 Alkalinity = 0 mg/L
Specific Conductance = 995 umhos/cm
Water Temperature = 18.8 degrees Celsius
Water evacuated from the well prior to sampling = 76 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		1104	UMHC	Env. Eng
1	PH		3.40	pH	Env. Eng
0	SILVER	LT	2	ug/l	Env. Eng
2	ARSENIC		79	ug/l	Env. Eng
0	BARIUM		38	ug/l	Env. Eng.
0	BARIUM		38	ug/l	Env. Eng.
1	BERYLLIUM		14	ug/l	Env. Eng.
1	BERYLLIUM		13	ug/l	Env. Eng
1	CALCIUM		36400	ug/l	Env. Eng.
1	CALCIUM		34900	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
1	CHLORIDE		24700	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng
1	COPPER		177	ug/l	Env. Eng.
1	COPPER		166	ug/l	Env. Eng.
2	FLUORIDE		6500	ug/l	Env. Eng.
2	IRON		585	ug/l	Env. Eng.
2	IRON		544	ug/l	Env. Eng
0	MERCURY		0.22	ug/l	Env. Eng.
0	POTASSIUM		569	ug/l	Env. Eng.
0	POTASSIUM		739	ug/l	Env Eng
1	MAGNESIUM		16800	ug/l	Env. Eng
1	MAGNESIUM		16500	ug/l	Env. Eng.
2	MANGANESE		2640	ug/l	Env. Eng.
2	MANGANESE		2600	ug/l	Env. Eng
1	SODIUM		18200	ug/l	Env. Eng.
1	SODIUM		17900	ug/l	Env. Eng.
1	NICKEL		61	ug/l	Env Eng
1	NICKEL		51	ug/l	Env. Eng
0	NITRATE AS NITROGEN		623	ug/l	Env. Eng
0	LEAD	LT	6	ug/l	Env. Eng
0	LEAD	LT	6	ug/l	Env. Eng
0	PHENOLS	LT	5	ug/l	Env. Eng
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		29600	ug/l	Env. Eng
2	SULFATE		815000	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		7.46	ug/l	Env. Eng
0	TOTAL DISSOLVED SOLIDS		1156000	ug/l	Env. Eng.
1	TOTAL ORGANIC CARBON		7800	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		82	ug/l	Env. Eng
0	TOTAL PHOSPHATES		86	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		51.1	ug/l	Env Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng
0	ZINC		236	ug/l	Env Eng
0	ZINC		221	ug/l	Env. Eng.
0	GROSS ALPHA		2.29+-1.87	pCi/l	HP. 735A
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.32+-1.58	pCi/l	HP. 735A
1	NONVOLATILE BETA		18.00+-7.41	pCi/l	Rad. Meas
1	TOTAL RADIUM		4.22+-0.88	pCi/l	Rad. Meas
2	TRITIUM		90.50+-2.10	pCi/ml	HP. 735A
2	TRITIUM		107+-1.72	pCi/ml	Rad. Meas

WELL DCB 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/29/89 Time 1050
pH = 5.9 Alkalinity = 77 mg/L
Specific Conductance = 380 umhos/cm
Water Temperature = 19.9 degrees Celsius
Water evacuated from the well prior to sampling = 1 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		364.0	UMHC	Env. Eng
0	PH		5.71	pH	Env Eng
0	SILVER	LT	2	ug/l	Env. Eng
1	ARSENIC		7	ug/l	Env Eng
1	BARIUM		440	ug/l	Env. Eng
0	BERYLLIUM	LT	5	ug/l	Env Eng
1	CALCIUM		34300	ug/l	Env Eng
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env Eng
0	CADMIUM	LT	2	ug/l	Env Eng
0	CHLOROFORM	LT	1	ug/l	Env. Eng
1	CHLORIDE		10500	ug/l	Env Eng
1	CHLORIDE		11000	ug/l	Env Eng
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		8	ug/l	Env. Eng
0	FLUORIDE		80	ug/l	Env Eng.
2	IRON		5700	ug/l	Env Eng
0	MERCURY	LT	0.20	ug/l	Env Eng
0	MERCURY	LT	0.20	ug/l	Env Eng
1	POTASSIUM		7890	ug/l	Env Eng
1	MAGNESIUM		8020	ug/l	Env Eng
2	MANGANESE		171	ug/l	Env Eng
1	SODIUM		8920	ug/l	Env. Eng
1	NICKEL		10	ug/l	Env Eng
0	NITRATE AS NITROGEN		878	ug/l	Env Eng

CONTINUED

WELL DCB 13 COLLECTED ON 01/29/89 LABORATORY ANALYSES CONTINUED

0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		33300	ug/l	Env. Eng.
1	SULFATE		54900	ug/l	Env. Eng.
1	SULFATE		55100	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		230000	ug/l	Env. Eng.
1	TOTAL ORGANIC CARBON		5200	ug/l	Env. Eng.
1	TOTAL ORGANIC CARBON		5300	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		18	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		100	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	ZINC		41	ug/l	Env. Eng.
0	GROSS ALPHA		2.20+-1.41	pCi/l	Rad. Meas.
0	GROSS ALPHA		1.55+-1.29	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		7.77+-1.60	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		8.87+-1.64	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.91+-0.47	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.42+-0.35	pCi/l	Rad. Meas.
0	TRITIUM		4.42+-0.29	pCi/ml	Rad. Meas.
0	TRITIUM		4.63+-0.29	pCi/ml	Rad. Meas.

WELL DCB 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/28/89 Time 1610
Depth to water = 20.09 ft (6.12 m) below the TOC
Water elevation = 109.31 ft (33.32 m) msl
pH = 4.2 Alkalinity = 0 mg/L
Specific Conductance = 6700 umhos/cm
Water Temperature = 22.1 degrees Celsius
Water evacuated from the well prior to sampling = 67 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		5950	UMHC	Env. Eng.
1	PH		3.58	pH	Env. Eng.
1	SILVER		3	ug/l	Env. Eng.
2	ARSENIC		26	ug/l	Env. Eng.
1	BARIUM		55	ug/l	Env. Eng.
2	BERYLLIUM		620	ug/l	Env. Eng.
1	CALCIUM		302000	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	20	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
1	CHLORIDE		19400	ug/l	Env. Eng.
1	CHROMIUM		8	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng.
2	FLUORIDE		3140	ug/l	Env. Eng.
2	IRON		4070000	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
1	POTASSIUM		11400	ug/l	Env. Eng.
1	MAGNESIUM		253000	ug/l	Env. Eng.
2	MANGANESE		55800	ug/l	Env. Eng.
1	SODIUM		110000	ug/l	Env. Eng.
2	NICKEL		577	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		63	ug/l	Env. Eng.
2	LEAD		220	ug/l	Env. Eng.
1	PHENOLS		12	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		18500	ug/l	Env. Eng.
2	SULFATE		6169000	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		9.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		9420000	ug/l	Env. Eng.
1	TOTAL ORGANIC CARBON		10700	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		109	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		200	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		7.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
1	ZINC		346	ug/l	Env. Eng.
2	GROSS ALPHA		25.23+-17.3	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		23.71+-5.96	pCi/l	Rad. Meas.
1	TOTAL RADIUM		3.38+-0.95	pCi/l	Rad. Meas.
1	TRITIUM		13.51+-1.11	pCi/ml	Rad. Meas.

WELL DCB 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/29/89 Time 1130
Depth to water = 19.72 ft (6.01 m) below the TOC
Water elevation = 107.88 ft (32.88 m) msl
pH = 5.0 Alkalinity = 0 mg/L
Specific Conductance = 325 umhos/cm
Water Temperature = 19.2 degrees Celsius
Water evacuated from the well prior to sampling = 4 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		437.0	UMHC	Env. Eng.
0	PH		4.25	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		79	ug/l	Env. Eng.
0	BERYLLIUM	LT	5	ug/l	Env. Eng.
1	CALCIUM		18600	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
1	CHLORIDE		10100	ug/l	Env. Eng.

CONTINUED

WELL DCB 15 COLLECTED ON 01/29/89 LABORATORY ANALYSES CONTINUED

1	CHROMIUM		19	ug/l	Env. Eng.
0	COPPER		13	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
2	IRON		3350	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		4030	ug/l	Env. Eng.
0	MAGNESIUM		4810	ug/l	Env. Eng.
2	MANGANESE		123	ug/l	Env. Eng.
1	SODIUM		14800	ug/l	Env. Eng.
1	NICKEL		20	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		325	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		322	ug/l	Env. Eng.
2	LEAD		85	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		16400	ug/l	Env. Eng.
1	SULFATE		123000	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		4.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		212000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		2000	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		45	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		110	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		21.0	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	ZINC		95	ug/l	Env. Eng.
0	GROSS ALPHA		4.94+-3.99	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		6.67+-1.69	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.99+-0.72	pCi/l	Rad. Meas.
0	TRITIUM		7.45+-0.32	pCi/ml	Rad. Meas.

WELL DCB 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/29/89 Time 1110
Depth to water = 17.99 ft (5.48 m) below the TOC
Water elevation = 109.91 ft (33.50 m) msl
pH = 6.8 Alkalinity = 211 mg/L
Specific Conductance = 780 umhos/cm
Water Temperature = 19.9 degrees Celsius
Water evacuated from the well prior to sampling = 4 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		707.0	UMHC	Env. Eng.
1	PH		6.53	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		72	ug/l	Env. Eng.
0	BERYLLIUM	LT	5	ug/l	Env. Eng.
1	CALCIUM		106000	ug/l	Env. Eng.
2	CARBON TETRACHLORIDE		13.0	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
1	CHLORIDE		14300	ug/l	Env. Eng.
1	CHLORIDE		14300	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		12	ug/l	Env. Eng.
0	FLUORIDE		130	ug/l	Env. Eng.
2	IRON		8520	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
1	POTASSIUM		8860	ug/l	Env. Eng.
1	MAGNESIUM		8910	ug/l	Env. Eng.
2	MANGANESE		107	ug/l	Env. Eng.
1	SODIUM		25000	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		57	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		1520	ug/l	Env. Eng.
2	SULFATE		172000	ug/l	Env. Eng.
2	SULFATE		174000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		458000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		3400	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		23	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		21	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	ZINC		6	ug/l	Env. Eng.
0	GROSS ALPHA		1.68+-1.13	pCi/l	Rad. Meas.
0	GROSS ALPHA		2.28+-1.39	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		10.01+-1.85	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		24.61+-1.51	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.49+-0.38	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.50+-0.38	pCi/l	Rad. Meas.
0	TRITIUM		1.79+-0.24	pCi/ml	Rad. Meas.
0	TRITIUM		2.01+-0.25	pCi/ml	Rad. Meas.

WELL DOB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/29/89 Time 1450
Depth to water = 14.40 ft (4.39 m) below the TOC
Water elevation = 137.30 ft (41.85 m) msl
pH = 5.0 Alkalinity = 0 mg/L
Specific Conductance = 75 umhos/cm
Water Temperature = 18.4 degrees Celsius
Water evacuated from the well prior to sampling = 59 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		76.50	UMHC	Env. Eng.
0	PH		4.88	pH	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	IRON		31	ug/l	Env. Eng.
0	MAGNESIUM		4180	ug/l	Env. Eng.
1	MANGANESE		41	ug/l	Env. Eng.
1	SULFATE		21400	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		4.00	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		3.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		3100	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		6	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.

WELL DOB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/29/89 Time 1425
Depth to water = 15.27 ft (4.65 m) below the TOC
Water elevation = 136.93 ft (41.74 m) msl
pH = 5.2 Alkalinity = 3 mg/L
Specific Conductance = 56 umhos/cm
Water Temperature = 18.9 degrees Celsius
Water evacuated from the well prior to sampling = 56 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		52.60	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		51.40	UMHC	Env. Eng.
0	PH		4.70	pH	Env. Eng.
0	PH		4.69	pH	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
2	IRON		972	ug/l	Env. Eng.
2	IRON		1000	ug/l	Env. Eng.
0	MAGNESIUM		1260	ug/l	Env. Eng.
0	MAGNESIUM		1300	ug/l	Env. Eng.
1	MANGANESE		28	ug/l	Env. Eng.
1	MANGANESE		29	ug/l	Env. Eng.
0	SULFATE		6500	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		22.0	ug/l	Env. Eng.
1	TOTAL ORGANIC CARBON		12000	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		296	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		251	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.

WELL DOB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/29/89 Time 1515
Depth to water = 15.72 ft (4.79 m) below the TOC
Water elevation = 137.08 ft (41.78 m) msl
pH = 5.5 Alkalinity = 2 mg/L
Specific Conductance = 34 umhos/cm
Water Temperature = 19.8 degrees Celsius
Water evacuated from the well prior to sampling = 55 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		38.20	UMHC	Env. Eng.
0	PH		5.14	pH	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	IRON		61	ug/l	Env. Eng.
0	MAGNESIUM		611	ug/l	Env. Eng.
0	MANGANESE		7	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1700	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.

WELL DOB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/29/89 Time 1545
Depth to water = 16.25 ft (4.95 m) below the TOC
Water elevation = 136.75 ft (41.68 m) msl
pH = 5.2 Alkalinity = 0 mg/L
Specific Conductance = 38 umhos/cm
Water Temperature = 18.5 degrees Celsius
Water evacuated from the well prior to sampling = 72 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		42.20	UMHC	Env. Eng.
0	PH		4.98	pH	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
1	IRON		202	ug/l	Env. Eng.
1	MAGNESIUM		7630	ug/l	Env. Eng.
0	MANGANESE		10	ug/l	Env. Eng.
0	SULFATE		5100	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		5	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.

WELL F 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/18/89 Time 915
The well was dry.

WELL F 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/18/89 Time 940
The well was dry.

WELL F 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/18/89 Time 1040
The well was dry.

WELL F 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/18/89 Time 1010
The well was dry.

WELL F 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/18/89 Time 1050
Depth to water = 46.40 ft (14.14 m) below the TOC
Water elevation = 207.10 ft (63.12 m) msl
pH = 3.8
Specific Conductance = 330 umhos/cm
Water Temperature = 14.7 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

2	GROSS ALPHA	169+-53.8	pCi/l	HP, 735A
2	GROSS ALPHA	111+-46.1	pCi/l	HP, 735A
2	NONVOLATILE BETA	350+-27.3	pCi/l	HP, 735A
2	NONVOLATILE BETA	276+-20.2	pCi/l	HP, 735A
2	TRITIUM	2794+- 57	pCi/ml	HP, 735A

WELL F 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/18/89 Time 1020
The well was dry.

WELL F 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/18/89 Time 1000
Depth to water = 36.20 ft (11.03 m) below the TOC
Water elevation = 203.60 ft (62.06 m) msl
pH = 6.6
Specific Conductance = 445 umhos/cm
Water Temperature = 15.4 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

2	GROSS ALPHA	67.68+-38.5 pCi/l	HP, 735A
2	NONVOLATILE BETA	6213+- 394 pCi/l	HP, 735A
2	TRITIUM	3835+-77.8 pCi/ml	HP, 735A

WELL F 18A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/18/89 Time 950
Depth to water = 31.10 ft (9.48 m) below the TOC
Water elevation = 202.30 ft (61.66 m) msl
pH = 3.4
Specific Conductance = 1240 umhos/cm
Water Temperature = 15.4 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

2	GROSS ALPHA	312+-48.4 pCi/l	HP, 735A
2	GROSS ALPHA	196+-25.3 pCi/l	HP, 735A
2	NONVOLATILE BETA	681+-48.9 pCi/l	HP, 735A
2	NONVOLATILE BETA	453+-39.2 pCi/l	HP, 735A
2	TRITIUM	13746+- 288 pCi/ml	HP, 735A

WELL F 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/18/89 Time 1030
The well was dry.

WELL F 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/18/89 Time 1100
The well was dry.

WELL F 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/18/89 Time 925
Depth to water = 50.50 ft (15.39 m) below the TOC
Water elevation = 210.40 ft (64.13 m) msl
pH = 6.1
Specific Conductance = 866 umhos/cm
Water Temperature = 13.8 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

1	GROSS ALPHA	13.44+-14.5 pCi/l	HP, 735A
2	NONVOLATILE BETA	358+-32.7 pCi/l	HP, 735A
2	TRITIUM	54.45+-1.67 pCi/ml	HP, 735A

WELL FAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/21/89 Time 1540
Depth to water = 84.10 ft (25.63 m) below the TOC
Water elevation = 227.70 ft (69.40 m) msl
pH = 10.2 Alkalinity = 33 mg/L
Specific Conductance = 230 umhos/cm
Water Temperature = 20.3 degrees Celsius
Water evacuated from the well prior to sampling = 6 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		205.0 UMHC	Env. Eng.
2	PH		9.46 pH	Env. Eng.
0	TURBIDITY		25 NTU	Env. Eng
0	SILVER	LT	2 ug/l	Env. Eng.
0	ARSENIC	LT	2 ug/l	Env. Eng.
0	BARIUM		23 ug/l	Env. Eng.
1	CALCIUM		30400 ug/l	Env. Eng.
0	CADMIUM	LT	2 ug/l	Env. Eng.
0	CHLORIDE		4700 ug/l	Env. Eng.
0	CHLORIDE		4800 ug/l	Env. Eng.
1	CHROMIUM		6 ug/l	Env. Eng.
0	ENDRIN	LT	0.10 ug/l	Env. Eng.
0	FLUORIDE	LT	100 ug/l	Env. Eng.
0	IRON	LT	20 ug/l	Env. Eng.
0	MERCURY	LT	0.20 ug/l	Env. Eng.
1	POTASSIUM		7280 ug/l	Env. Eng.
0	LINDANE	LT	0.05 ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50 ug/l	Env. Eng.
0	MAGNESIUM		1600 ug/l	Env. Eng
0	MANGANESE	LT	2 ug/l	Env. Eng.
1	SODIUM		5290 ug/l	Env. Eng.
0	NITRATE AS NITROGEN		185 ug/l	Env. Eng.
0	LEAD	LT	6 ug/l	Env. Eng.
0	PHENOLS	LT	5 ug/l	Env. Eng.
0	SELENIUM	LT	2 ug/l	Env. Eng.
1	SILICA		9600 ug/l	Env. Eng.
0	SILVEX	LT	0.09 ug/l	Env. Eng.
1	SULFATE		17100 ug/l	Env. Eng.
1	SULFATE		16800 ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		122000 ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		3200 ug/l	Env. Eng
0	TOTAL ORGANIC HALOGENS		9 ug/l	Env. Eng.
1	TOTAL PHOSPHATES		369 ug/l	Env. Eng.
0	TOXAPHENE	LT	1 ug/l	Env. Eng
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 ug/l	Env. Eng
0	ZINC		10 ug/l	Env. Eng
0	GROSS ALPHA		3.36+-1.44 pCi/l	Rad. Meas.
0	NONVOLATILE BETA		6.90+-1.55 pCi/l	Rad. Meas.
1	TOTAL RADIUM		2.52+-0.89 pCi/l	Rad. Meas.
0	TRITIUM		1.68+-0.25 pCi/ml	Rad. Meas.

WELL FAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/13/89 Time 1510
Depth to water = 83.37 ft (25.41 m) below the TOC
Water elevation = 226.53 ft (69.05 m) msl
pH = 4.8 Alkalinity = 0 mg/L
Specific Conductance = 130 umhos/cm
Water Temperature = 21.5 degrees Celsius
Water evacuated from the well prior to sampling = 61 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		110.0 UMHC	Env. Lab.
1	SPECIFIC CONDUCTANCE		105.0 UMHC	W. A.
1	SPECIFIC CONDUCTANCE		106.0 UMHC	Env. Eng
0	PH		5.10 pH	Env. Lab
0	PH		5.20 pH	W. A.
0	PH		4.95 pH	Env. Eng.
0	TURBIDITY		5 NTU	Env. Lab.
0	TURBIDITY		32 NTU	W. A.
0	TURBIDITY		5 NTU	Env. Eng.
0	SILVER	LT	10 ug/l	Env. Lab
0	SILVER	LT	10 ug/l	W. A.
0	SILVER	LT	2 ug/l	Env. Eng.
2	ALUMINUM		582 ug/l	W. A.
0	ARSENIC	LT	5 ug/l	Env. Lab.
0	ARSENIC	LT	10 ug/l	W. A
0	ARSENIC	LT	2 ug/l	Env. Eng.
0	BARIUM	LT	100 ug/l	Env. Lab
0	BARIUM	LT	200 ug/l	W. A
0	BARIUM		42 ug/l	Env. Eng.
0	BERYLLIUM	LT	5 ug/l	W. A.
0	CALCIUM		7500 ug/l	Env. Lab
0	CALCIUM		6960 ug/l	W. A.
0	CALCIUM		7140 ug/l	Env. Eng
0	CADMIUM	LT	10 ug/l	Env. Lab
0	CADMIUM	LT	5 ug/l	W. A
0	CADMIUM	LT	2 ug/l	Env. Eng
0	CHLORIDE		2000 ug/l	Env. Lab
0	CHLORIDE		7800 ug/l	W. A
0	CHLORIDE		2500 ug/l	Env. Eng
0	COBALT	LT	50 ug/l	W. A
0	CHROMIUM	LT	50 ug/l	Env. Lab
0	CHROMIUM	LT	10 ug/l	W. A
0	CHROMIUM	LT	4 ug/l	Env. Eng
1	COPPER		57 ug/l	W. A.
0	ENDRIN	LT	0.10 ug/l	Env. Eng
0	FLUORIDE	LT	100 ug/l	Env. Lab
0	FLUORIDE	LT	100 ug/l	W. A.
0	FLUORIDE		100 ug/l	Env. Eng

CONTINUED

WELL FAC 4 COLLECTED ON 03/13/89 LABORATORY ANALYSES CONTINUED

0	IRON		140	ug/l	Env. Lab.
1	IRON		206	ug/l	W. A.
0	IRON		102	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Lab.
0	MERCURY	LT	0.20	ug/l	W. A.
0	MERCURY		0.23	ug/l	Env. Eng.
0	POTASSIUM		3000	ug/l	Env. Lab.
1	POTASSIUM		13900	ug/l	W. A.
0	POTASSIUM		3330	ug/l	Env. Eng.
0	LITHIUM	LT	50	ug/l	W. A.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		3100	ug/l	Env. Lab.
0	MAGNESIUM	LT	5000	ug/l	W. A.
0	MAGNESIUM		3180	ug/l	Env. Eng.
2	MANGANESE		330	ug/l	Env. Lab.
2	MANGANESE		289	ug/l	W. A.
2	MANGANESE		320	ug/l	Env. Eng.
0	SODIUM		3900	ug/l	Env. Lab.
1	SODIUM		5130	ug/l	W. A.
0	SODIUM		3840	ug/l	Env. Eng.
0	NICKEL	LT	40	ug/l	W. A.
0	NITRATE AS NITROGEN		500	ug/l	Env. Lab.
0	NITRATE AS NITROGEN		380	ug/l	W. A.
0	NITRATE AS NITROGEN		361	ug/l	Env. Eng.
0	LEAD	LT	100	ug/l	Env. Lab.
0	LEAD	LT	5	ug/l	W. A.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Lab.
0	PHENOLS	LT	5	ug/l	W. A.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	60	ug/l	W. A.
0	SELENIUM	LT	10	ug/l	Env. Lab.
0	SELENIUM	LT	5	ug/l	W. A.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		10560	ug/l	Env. Lab.
1	SILICA		4120	ug/l	W. A.
1	SILICA		8390	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	TIN	LT	100	ug/l	W. A.
1	SULFATE		18000	ug/l	Env. Lab.
1	SULFATE		39800	ug/l	W. A.
1	SULFATE		37000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		110000	ug/l	Env. Lab.
0	TOTAL DISSOLVED SOLIDS		77000	ug/l	W. A.
0	TOTAL DISSOLVED SOLIDS		68000	ug/l	Env. Eng.
0	THALLIUM	LT	10	ug/l	W. A.
0	TOTAL ORGANIC CARBON	LT	5000	ug/l	Env. Lab.
0	TOTAL ORGANIC CARBON		1100	ug/l	W. A.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	10	ug/l	Env. Lab.
0	TOTAL ORGANIC HALOGENS	LT	20	ug/l	W. A.
0	TOTAL ORGANIC HALOGENS		6	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		30	ug/l	Env. Lab.
0	TOTAL PHOSPHATES	LT	100	ug/l	W. A.
0	TOTAL PHOSPHATES		44	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		41	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	URANIUM	LT	1000	ug/l	W. A.
0	VANADIUM	LT	50	ug/l	W. A.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		20	ug/l	Env. Lab.
0	ZINC		26	ug/l	W. A.
0	ZINC		27	ug/l	Env. Eng.
0	GROSS ALPHA	LT	0.72	pCi/l	Env. Lab.
2	GROSS ALPHA		26.00+-5.00	pCi/l	W. A.
2	GROSS ALPHA		21.50+-2.84	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	1	pCi/l	Env. Lab.
1	NONVOLATILE BETA		14.00+-3.00	pCi/l	W. A.
1	NONVOLATILE BETA		13.00+-1.50	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.15+-0.27	pCi/l	Env. Lab.
2	TOTAL RADIUM		10.00+-1.00	pCi/l	W. A.
2	TOTAL RADIUM		14.30+-1.86	pCi/l	Rad. Meas.
0	TRITIUM	LT	1	pCi/ml	Env. Lab.
0	TRITIUM		1.90+-0.60	pCi/ml	W. A.
0	TRITIUM		1.41+-0.23	pCi/ml	Rad. Meas.

WELL FAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/13/89 Time 1510
Depth to water = 83.37 ft (25.41 m) below the TOC
Water elevation = 226.53 ft (69.05 m) msl
pH = 4.8 Alkalinity = 0 mg/L
Specific Conductance = 130 umhos/cm
Water Temperature = 21.5 degrees Celsius
Water evacuated from the well prior to sampling = 61 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		106.0	UMHC	Env. Eng.
0	PH		4.82	pH	Env. Eng.
0	TURBIDITY		2	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		41	ug/l	Env. Eng.
0	CALCIUM		6980	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLORIDE		2500	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		118	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		3670	ug/l	Env. Eng.

CONTINUED

WELL FAC 4 COLLECTED ON 03/13/89 LABORATORY ANALYSES CONTINUED

0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		3160	ug/l	Env. Eng.
2	MANGANESE		313	ug/l	Env. Eng.
0	SODIUM		3790	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		359	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		8840	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
1	SULFATE		37800	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		70000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		39	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		19	ug/l	Env. Eng.
1	GROSS ALPHA		13.20+-2.15	pCi/l	Rad. Meas.
2	GROSS ALPHA		16.70+-2.41	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		11.60+-1.39	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		13.90+-1.47	pCi/l	Rad. Meas.
2	TOTAL RADIUM		12.20+-1.73	pCi/l	Rad. Meas.
2	TOTAL RADIUM		11.30+-1.66	pCi/l	Rad. Meas.
0	TRITIUM		1.45+-0.23	pCi/ml	Rad. Meas.
0	TRITIUM		1.67+-0.23	pCi/ml	Rad. Meas.

WELL FAC 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/23/89 Time 1230
Depth to water = 93.92 ft (28.63 m) below the TOC
Water elevation = 221.88 ft (67.63 m) msl
pH = 5.5 Alkalinity = 0 mg/L
Specific Conductance = 115 umhos/cm
Water Temperature = 18.6 degrees Celsius
Water evacuated from the well prior to sampling = 9 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		108.0	UMHC	Env. Eng.
0	PH		6.01	pH	Env. Eng.
0	TURBIDITY		3	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		16	ug/l	Env. Eng.
0	CALCIUM		4080	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLORIDE		2600	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
1	POTASSIUM		5550	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		2150	ug/l	Env. Eng.
2	MANGANESE		111	ug/l	Env. Eng.
0	SODIUM		3360	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		126	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		6890	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
1	SULFATE		27900	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		64000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1300	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		55	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		107	ug/l	Env. Eng.
1	GROSS ALPHA		6.11+-1.73	pCi/l	Rad. Meas.
1	GROSS ALPHA		6.11+-1.73	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		10.18+-1.55	pCi/l	Rad. Meas.
2	TOTAL RADIUM		7.14+-1.38	pCi/l	Rad. Meas.
0	TRITIUM		1.12+-0.24	pCi/ml	Rad. Meas.

WELL FAC 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/23/89 Time 1200
Depth to water = 96.33 ft (29.36 m) below the TOC
Water elevation = 216.17 ft (65.89 m) msl
pH = 5.9 Alkalinity = 18 mg/L
Specific Conductance = 72 umhos/cm
Water Temperature = 18.5 degrees Celsius
Water evacuated from the well prior to sampling = 3 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		96.20	UMHC	Env. Eng.
0	PH		6.04	pH	Env. Eng.
0	TURBIDITY		4	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.

CONTINUED

WELL FAC 6 COLLECTED ON 03/23/89 LABORATORY ANALYSES CONTINUED

0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		14	ug/l	Env. Eng.
0	CALCIUM		3670	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLORIDE		3700	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		113	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		3680	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		556	ug/l	Env. Eng.
2	MANGANESE		100	ug/l	Env. Eng.
0	SODIUM		4710	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		210	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		12200	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE		5300	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		42000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		2100	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		15	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		44	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		50	ug/l	Env. Eng.
0	TRITIUM		1.08+-0.24	pCi/ml	Rad. Meas.

WELL FAC 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/23/89 Time 1105
Depth to water = 95.67 ft (29.16 m) below the TOC
Water elevation = 216.33 ft (65.94 m) msl
pH = 6.3 Alkalinity = 22 mg/L
Specific Conductance = 77 umhos/cm
Water Temperature = 18.4 degrees Celsius
Water evacuated from the well prior to sampling = 3 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		121.0	UMHC	Env. Eng.
1	PH		6.60	pH	Env. Eng.
0	TURBIDITY		65	NTU	Env. Eng.
1	SILVER		9	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		10	ug/l	Env. Eng.
0	CALCIUM		2760	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLORIDE		3400	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		61	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		4880	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		291	ug/l	Env. Eng.
1	MANGANESE		39	ug/l	Env. Eng.
1	SODIUM		8640	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		210	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		10800	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE		8400	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		66000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1500	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		10	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		285	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		31	ug/l	Env. Eng.
0	GROSS ALPHA		4.31+-1.86	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		11.32+-1.84	pCi/l	Rad. Meas.
0	TOTAL RADIUM		2.23+-0.86	pCi/l	Rad. Meas.
0	TRITIUM	LT	1	pCi/ml	Rad. Meas.

WELL FAC 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/23/89 Time 1030
Depth to water = 88.72 ft (27.04 m) below the TOC
Water elevation = 222.28 ft (67.73 m) msl
pH = 6.2 Alkalinity = 26 mg/L
Specific Conductance = 91 umhos/cm
Water Temperature = 17.1 degrees Celsius
Water evacuated from the well prior to sampling = 11 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		114.0	UMHC	Env. Eng.
0	PH		6.25	pH	Env. Eng.
0	TURBIDITY		183	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		25	ug/l	Env. Eng.
0	CALCIUM		8840	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLORIDE		3900	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
1	FLUORIDE		530	ug/l	Env. Eng.
0	IRON		133	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		4320	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		737	ug/l	Env. Eng.
2	MANGANESE		86	ug/l	Env. Eng.
0	SODIUM		4630	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		247	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		11000	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE		7100	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		60000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		3200	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		3300	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
1	TOTAL PHOSPHATES		364	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		33	ug/l	Env. Eng.
0	GROSS ALPHA		2.92+-1.68	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		7.10+-1.68	pCi/l	Rad. Meas.
1	TOTAL RADIUM		3.09+-0.87	pCi/l	Rad. Meas.
0	TRITIUM		0.57+-0.22	pCi/ml	Rad. Meas.

WELL FAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/28/89 Time 1725
Depth to water = 96.35 ft (29.37 m) below the TOC
Water elevation = 216.55 ft (66.01 m) msl
pH = 6.4 Alkalinity = 57 mg/L
Specific Conductance = 152 umhos/cm
Water Temperature = 22.9 degrees Celsius
Water evacuated from the well prior to sampling = 5 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		137.0	UMHC	Env. Eng.
0	PH		6.42	pH	Env. Eng.
1	CALCIUM		11500	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	IRON		25	ug/l	Env. Eng.
1	MANGANESE		35	ug/l	Env. Eng.
1	SODIUM		8950	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SULFATE		5600	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		1.84	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		44	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		129	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		37.2	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.

WELL FAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/28/89 Time 1740
Depth to water = 97.31 ft (29.66 m) below the TOC
Water elevation = 214.79 ft (65.47 m) msl
pH = 5.5 Alkalinity = 14 mg/L
Specific Conductance = 95 umhos/cm
Water Temperature = 23.6 degrees Celsius
Water evacuated from the well prior to sampling = 1 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		66.70	UMHC	Env. Eng.
0	PH		5.39	pH	Env. Eng.
0	CALCIUM		2100	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.

CONTINUED

WELL FAL 2 COLLECTED ON 03/28/89 LABORATORY ANALYSES CONTINUED

0	IRON	LT	20	ug/l	Env. Eng.
0	MANGANESE		11	ug/l	Env. Eng.
1	SODIUM		8520	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
1	SULFATE		11100	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		509	ug/l	Env. Eng.
1	TOTAL PHOSPHATES		349	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		13.5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.

WELL FBP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/28/89 time 930
Depth to water = 84.23 ft (25.67 m) below the TOC
Water elevation = 203.67 ft (62.08 m) msl
pH = 4.4 Alkalinity = 0 mg/L
Specific Conductance = 114 umhos/cm
Water Temperature = 19.6 degrees Celsius
Water evacuated from the well prior to sampling = 109 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		109.0	UMHC	Env. Eng.
0	PH		4.70	pH	Env. Eng.
0	BARIUM		33	ug/l	Env. Eng.
0	BARIUM		33	ug/l	Env. Eng.
1	CALCIUM		10800	ug/l	Env. Eng.
0	CALCIUM		8600	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	IRON		49	ug/l	Env. Eng.
0	IRON		35	ug/l	Env. Eng.
1	MANGANESE		42	ug/l	Env. Eng.
1	MANGANESE		41	ug/l	Env. Eng.
0	SODIUM		4410	ug/l	Env. Eng.
0	SODIUM		4470	ug/l	Env. Eng.
0	NICKEL		7	ug/l	Env. Eng.
1	NICKEL		12	ug/l	Env. Eng.
1	NITRATE AS NITROGEN		9010	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	LEAD		6	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		24	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		9.42	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	GROSS ALPHA		2.76+-0.94	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		72.56+-3.00	pCi/l	Rad. Meas.
0	TOTAL RADIUM		2.29+-1.36	pCi/l	Rad. Meas.

WELL FBP 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/28/89 Time 1025
Depth to water = 100.87 ft (30.75 m) below the TOC
Water elevation = 188.23 ft (57.37 m) msl
pH = 4.8 Alkalinity = 1 mg/L
Specific Conductance = 41 umhos/cm
Water Temperature = 20.0 degrees Celsius
Water evacuated from the well prior to sampling = 133 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		45.20	UMHC	Env. Eng.
0	PH		5.00	pH	Env. Eng.
0	BARIUM		5	ug/l	Env. Eng.
0	CALCIUM		2790	ug/l	Env. Eng.
2	CARBON TETRACHLORIDE		6.73	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MANGANESE		12	ug/l	Env. Eng.
0	SODIUM		3060	ug/l	Env. Eng.
0	NICKEL		5	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1510	ug/l	Env. Eng.
0	LEAD		7	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		79	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		72	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	GROSS ALPHA		0.70+-0.57	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		5.94+-1.11	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.

WELL FBP 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/28/89 Time 1110
Depth to water = 102.23 ft (31.16 m) below the TOC
Water elevation = 190.67 ft (58.12 m) msl
pH = 4.9 Alkalinity = 4 mg/L
Specific Conductance = 62 umhos/cm
Water Temperature = 20.0 degrees Celsius
Water evacuated from the well prior to sampling = 129 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		61.30	UMHC	Env. Eng.
0	PH		5.37	pH	Env. Eng.
0	BARIUM		9	ug/l	Env. Eng.
0	CALCIUM		3900	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	IRON		43	ug/l	Env. Eng.
0	MANGANESE		7	ug/l	Env. Eng.
0	SODIUM		4510	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		291	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
1	SULFATE		12100	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		5.16	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1100	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		26	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	GROSS ALPHA		1.15+-0.69	pCi/l	Rad. Meas.
0	GROSS ALPHA		0.80+-0.58	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.07+-0.88	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		0.97+-0.84	pCi/l	Rad. Meas.

WELL FBP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/28/89 Time 1145
Depth to water = 76.78 ft (23.40 m) below the TOC
Water elevation = 209.52 ft (63.86 m) msl
pH = 4.5 Alkalinity = 0 mg/L
Specific Conductance = 26 umhos/cm
Water Temperature = 19.1 degrees Celsius
Water evacuated from the well prior to sampling = 115 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		31.80	UMHC	Env. Eng.
0	PH		4.96	pH	Env. Eng.
0	BARIUM	LT	4	ug/l	Env. Eng.
0	BARIUM	LT	4	ug/l	Env. Eng.
0	CALCIUM		572	ug/l	Env. Eng.
0	CALCIUM		488	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	IRON		50	ug/l	Env. Eng.
0	IRON		30	ug/l	Env. Eng.
0	MANGANESE		2	ug/l	Env. Eng.
0	MANGANESE		2	ug/l	Env. Eng.
0	SODIUM		2620	ug/l	Env. Eng.
0	SODIUM		2770	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		377	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1200	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	GROSS ALPHA		4.77+-1.11	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		3.44+-0.99	pCi/l	Rad. Meas.
0	TOTAL RADIUM		2.34+-1.27	pCi/l	Rad. Meas.

WELL FC 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/04/89 Time
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	TRITIUM		2.55+-0.48	pCi/ml	HP. 735a

WELL FC 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/04/89 Time .
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	TRITIUM	0.97+-0.45 pCi/ml HP, 735A

WELL FC 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/04/89 Time .
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	TRITIUM	1.31+-0.46 pCi/ml HP, 735A

WELL FC 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/04/89 Time .
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	TRITIUM	0.74+-0.44 pCi/ml HP, 735A

WELL FC 3E

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/04/89 Time .
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	TRITIUM	0.86+-0.45 pCi/ml HP, 735A

WELL FCA 1N

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/25/89 Time 1655
Depth to water = 13.41 ft (4.09 m) below the TOC
Water elevation = 298.89 ft (91.10 m) msl
pH = 8.2 Alkalinity = 59 mg/L
Specific Conductance = 260 umhos/cm
Water Temperature = 17.7 degrees Celsius
Water evacuated from the well prior to sampling = 1 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		273.0 UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		277.0 UMHC	Env. Eng.
1	PH		7.87 pH	Env. Eng.
1	PH		7.91 pH	Env. Eng.
0	SILVER	LT	2 ug/l	Env. Eng.
0	ARSENIC	LT	2 ug/l	Env. Eng.
0	BARIUM		17 ug/l	Env. Eng.
1	CALCIUM		36700 ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00 ug/l	Env. Eng.
0	CADMIUM	LT	2 ug/l	Env. Eng.
0	CHLOROFORM	LT	1 ug/l	Env. Eng.
0	CHLORIDE		2400 ug/l	Env. Eng.
0	CHROMIUM	LT	4 ug/l	Env. Eng.
0	FLUORIDE		300 ug/l	Env. Eng.
0	IRON	LT	20 ug/l	Env. Eng.
0	MERCURY	LT	0.20 ug/l	Env. Eng.
0	MERCURY	LT	0.20 ug/l	Env. Eng.
1	POTASSIUM		10800 ug/l	Env. Eng.
0	MAGNESIUM		1490 ug/l	Env. Eng.
0	MANGANESE		4 ug/l	Env. Eng.
1	SODIUM		11500 ug/l	Env. Eng.
2	NITRATE AS NITROGEN		15500 ug/l	Env. Eng.
0	LEAD		8 ug/l	Env. Eng.
0	PHENOLS	LT	5 ug/l	Env. Eng.
0	SELENIUM	LT	2 ug/l	Env. Eng.
1	SILICA		10700 ug/l	Env. Eng.
0	SULFATE	LT	5000 ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		1.50 ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		230000 ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1200 ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5 ug/l	Env. Eng.
0	TOTAL PHOSPHATES		152 ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00 ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	Env. Eng.
1	GROSS ALPHA		6.86+-10.6 pCi/l	HP, 735A
2	NONVOLATILE BETA		2780+- 193 pCi/l	HP, 735A
2	TRITIUM		25.12+-1.24 pCi/ml	HP, 735A
2	TRITIUM		22.96+-0.58 pCi/ml	Rad. Meas.

WELL FCA 1N

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/11/89 Time 915
The well was dry.

WELL FCA 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/08/89 Time 1000
Depth to water = 14.40 ft (4.39 m) below the TOC
Water elevation = 297.80 ft (90.77 m) msl
pH = 8.4
Specific Conductance = 275 umhos/cm
Water Temperature = 21.0 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	0.92+-1.56 pCi/l	HP, 735A
2	GROSS ALPHA	23.80+-6.24 pCi/l	Rad. Meas
1	NONVOLATILE BETA	44.72+-5.35 pCi/l	HP, 735A
1	NONVOLATILE BETA	45.40+-3.14 pCi/l	Rad. Meas
0	CERIUM 144	0.00+-0.11 pCi/ml	HP, 735A
0	COBALT 60	0.00+-0.02 pCi/ml	HP, 735A
0	CHROMIUM 51	0.00+-0.27 pCi/ml	HP, 735A
0	CESIUM 134	0.00+-0.02 pCi/ml	HP, 735A
0	CESIUM 137	0.00+-0.02 pCi/ml	HP, 735A
0	IODINE 131	0.00+-0.14 pCi/ml	HP, 735A
0	RUTHENIUM 103	0.00+-0.02 pCi/ml	HP, 735A
0	RUTHENIUM 106	0.00+-0.19 pCi/ml	HP, 735A
0	ANTIMONY 125	0.00+-0.05 pCi/ml	HP, 735A
0	STRONTIUM 89/90	3.07+-3.47 pCi/l	HP, 735A
1	TRITIUM	13.08+-0.95 pCi/ml	HP, 735A
1	TRITIUM	14.30+-0.39 pCi/ml	Rad. Meas.
0	ZIRCONIUM/NIOBIUM 95	0.00+-0.08 pCi/ml	HP, 735A

WELL FCA 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/11/89 Time 940
Depth to water = 88.80 ft (27.07 m) below the TOC
Water elevation = 223.40 ft (68.09 m) msl
pH = 4.1
Specific Conductance = 283 umhos/cm
Water Temperature = 20.1 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

2	GROSS ALPHA	47.72+-11.6 pCi/l	HP, 735A
2	NONVOLATILE BETA	274+- 20 pCi/l	HP, 735A
2	NONVOLATILE BETA	233+-22.2 pCi/l	HP, 735A
0	CERIUM 144	0.00+-0.18 pCi/ml	HP, 735A
1	CHEMICAL CESIUM	1.24+-1.21 pCi/l	HP, 735A
0	COBALT 60	0.00+-0.05 pCi/ml	HP, 735A
0	CHROMIUM 51	0.00+-0.73 pCi/ml	HP, 735A
0	CESIUM 134	0.00+-0.03 pCi/ml	HP, 735A
0	CESIUM 137	0.00+-0.03 pCi/ml	HP, 735A
0	IODINE 131	0.00+-0.83 pCi/ml	HP, 735A
0	RUTHENIUM 103	0.00+-0.06 pCi/ml	HP, 735A
0	RUTHENIUM 106	0.00+-0.40 pCi/ml	HP, 735A
0	ANTIMONY 125	0.00+-0.11 pCi/ml	HP, 735A
0	STRONTIUM 89/90	0.00+-6.87 pCi/l	HP, 735A
1	TRITIUM	10.10+-0.88 pCi/ml	HP, 735A
0	ZIRCONIUM/NIOBIUM 95	0.00+-0.17 pCi/ml	HP, 735A

WELL FCA 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/29/89 Time 1130
Depth to water = 89.05 ft (27.14 m) below the TOC
Water elevation = 223.15 ft (68.02 m) msl
pH = 4.2 Alkalinity = 0 mg/L
Specific Conductance = 310 umhos/cm
Water Temperature = 25.2 degrees Celsius
Water evacuated from the well prior to sampling = 4 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SILVER	LT	2 ug/l	Env. Eng.
0	ARSENIC	LT	2 ug/l	Env. Eng.
1	BARIUM		79 ug/l	Env. Eng.
1	CALCIUM		19400 ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00 ug/l	Env. Eng.
1	CADMIUM		4 ug/l	Env. Eng.
0	CHLOROFORM	LT	1 ug/l	Env. Eng.
0	CHROMIUM	LT	4 ug/l	Env. Eng.
0	IRON		27 ug/l	Env. Eng.
0	MERCURY	LT	0.20 ug/l	Env. Eng.
0	POTASSIUM		2210 ug/l	Env. Eng.
1	MAGNESIUM		10000 ug/l	Env. Eng.
2	MANGANESE		231 ug/l	Env. Eng.
0	SODIUM		3460 ug/l	Env. Eng.
2	NITRATE AS NITROGEN		36000 ug/l	Env. Eng.
0	LEAD		19 ug/l	Env. Eng.

CONTINUED

WELL FCA 2D COLLECTED ON 03/29/89 LABORATORY ANALYSES CONTINUED

0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		1.43	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		2100	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1900	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		143	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		162	ug/l	Env. Eng.
1	TOTAL PHOSPHATES		502	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		245	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
2	GROSS ALPHA		125+- 23	pCi/l	HP, 735A
2	GROSS ALPHA		120+-21.5	pCi/l	HP, 735A
2	NONVOLATILE BETA		332+-39.7	pCi/l	HP, 735A
2	NONVOLATILE BETA		397+-34.3	pCi/l	HP, 735A
1	TRITIUM		10.46+-1.00	pCi/ml	HP, 735A

WELL FCA 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/11/89 Time 945
The well was dry.

WELL FCA 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/11/89 Time 1120
The well was dry.

WELL FCA 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/11/89 Time 935
Depth to water = 87.20 ft (26.58 m) below the TOC
Water elevation = 224.70 ft (68.49 m) msl
pH = 4.5
Specific Conductance = 141 umhos/cm
Water Temperature = 18.3 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

1	GROSS ALPHA	10.00+-3.44	pCi/l	HP, 735A
1	NONVOLATILE BETA	14.59+-2.49	pCi/l	HP, 735A
0	CERIUM 144	0.00+-0.11	pCi/ml	HP, 735A
0	COBALT 60	0.00+-0.02	pCi/ml	HP, 735A
0	CHROMIUM 51	0.00+-0.17	pCi/ml	HP, 735A
0	CESIUM 134	0.00+-0.01	pCi/ml	HP, 735A
0	CESIUM 137	0.00+-0.02	pCi/ml	HP, 735A
0	IODINE 131	0.00+-0.04	pCi/ml	HP, 735A
0	RUTHENIUM 103	0.00+-0.02	pCi/ml	HP, 735A
0	RUTHENIUM 106	0.00+-0.13	pCi/ml	HP, 735A
0	ANTIMONY 125	0.00+-0.05	pCi/ml	HP, 735A
0	STRONTIUM 89/90	0.55+-1.68	pCi/l	HP, 735A
1	TRITIUM	11.22+-0.91	pCi/ml	HP, 735A
1	TRITIUM	15.05+-1.16	pCi/ml	HP, 735A
0	ZIRCONIUM/NIOBIUM 95	0.00+-0.05	pCi/ml	HP, 735A

WELL FCA 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/29/89 Time 1200
Depth to water = 87.36 ft (26.63 m) below the TOC
Water elevation = 224.54 ft (68.44 m) msl
pH = 4.3 Alkalinity = 0 mg/L
Specific Conductance = 131 umhos/cm
Water Temperature = 24.3 degrees Celsius
Water evacuated from the well prior to sampling = 1 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		133.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		127.0	UMHC	Env. Eng.
0	PH		4.85	pH	Env. Eng.
0	PH		4.43	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		42	ug/l	Env. Eng.
0	CALCIUM		5520	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
1	CADMIUM		3	ug/l	Env. Eng.
1	CHLOROFORM		2	ug/l	Env. Eng.
0	CHLORIDE		4200	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	FLUORIDE		160	ug/l	Env. Eng.
0	IRON		22	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		2020	ug/l	Env. Eng.
0	MAGNESIUM		833	ug/l	Env. Eng.
2	MANGANESE		73	ug/l	Env. Eng.
1	SODIUM		9890	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		10100	ug/l	Env. Eng.

CONTINUED

WELL FCA 9D COLLECTED ON 03/29/89 LABORATORY ANALYSES CONTINUED

0	LEAD		20	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		5790	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		84000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1600	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1500	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		8	ug/l	Env. Eng.
1	TOTAL PHOSPHATES		2450	ug/l	Env. Eng.
1	TRICHLOROETHYLENE		1.74	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
2	GROSS ALPHA		24.93+-3.11	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		28.40+-2.32	pCi/l	Rad. Meas.
2	TOTAL RADIUM		22.49+-2.92	pCi/l	Rad. Meas.
1	TRITIUM		14.03+-0.39	pCi/ml	Rad. Meas.

WELL FCA 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/11/89 Time 1000
Depth to water = 87.80 ft (26.76 m) below the TOC
Water elevation = 224.00 ft (68.28 m) msl
pH = 5.9
Specific Conductance = 78 umhos/cm
Water Temperature = 21.9 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	2.86+-1.54	pCi/l	HP, 735A
0	NONVOLATILE BETA	1.63+-0.62	pCi/l	HP, 735A
0	CERIUM 144	0.00+-0.11	pCi/ml	HP, 735A
0	COBALT 60	0.00+-0.02	pCi/ml	HP, 735A
0	CHROMIUM 51	0.00+-0.17	pCi/ml	HP, 735A
0	CESIUM 134	0.00+-0.01	pCi/ml	HP, 735A
0	CESIUM 137	0.00+-0.02	pCi/ml	HP, 735A
0	IODINE 131	0.00+-0.04	pCi/ml	HP, 735A
0	RUTHENIUM 103	0.00+-0.02	pCi/ml	HP, 735A
0	RUTHENIUM 106	0.00+-0.13	pCi/ml	HP, 735A
0	ANTIMONY 125	0.00+-0.04	pCi/ml	HP, 735A
0	STRONTIUM 89/90	0.00+-8.79	pCi/l	HP, 735A
0	TRITIUM	7.41+-0.81	pCi/ml	HP, 735A
0	ZIRCONIUM/NIOBIUM 95	0.00+-0.05	pCi/ml	HP, 735A

WELL FCA 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/28/89 Time 1650
Depth to water = 87.55 ft (26.69 m) below the TOC
Water elevation = 224.25 ft (68.35 m) msl
pH = 5.8 Alkalinity = 6 mg/L
Specific Conductance = 89 umhos/cm
Water Temperature = 24.9 degrees Celsius
Water evacuated from the well prior to sampling = 2 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		76.10	UMHC	Env. Eng.
0	PH		6.19	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		5	ug/l	Env. Eng.
0	CALCIUM		1870	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		4900	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		844	ug/l	Env. Eng.
0	MAGNESIUM		428	ug/l	Env. Eng.
0	MANGANESE		5	ug/l	Env. Eng.
1	SODIUM		8950	ug/l	Env. Eng.
1	NITRATE AS NITROGEN		3700	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		7460	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		50000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		27	ug/l	Env. Eng.
1	TOTAL PHOSPHATES		371	ug/l	Env. Eng.
1	TOTAL PHOSPHATES		370	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
1	GROSS ALPHA		9.54+-1.87	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		11.09+-1.72	pCi/l	Rad. Meas.
2	TOTAL RADIUM		6.94+-1.84	pCi/l	Rad. Meas.
0	TRITIUM		8.13+-0.32	pCi/ml	Rad. Meas.

WELL FCA 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/11/89 Time 950
The well was dry.

WELL FCA 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/11/89 Time 925
The well was dry.

WELL FCA 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/11/89 Time 930
The well was dry.

LABORATORY ANALYSES

0	TRITIUM		8.73+-1.22 pCi/ml	HP, 735A

WELL FCA 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/28/89 Time 1620
The well was dry.

WELL FCA 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/06/89 Time 1030
Depth to water = 87.40 ft (26.64 m) below the TOC
Water elevation = 224.80 ft (68.52 m) msl
pH = 5.8
Specific Conductance = 73 umhos/cm
Water Temperature = 23.8 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

1	GROSS ALPHA		5.42+-4.29 pCi/l	HP, 735A
0	GROSS ALPHA		4.03+-1.10 pCi/l	Rad. Meas.
1	NONVOLATILE BETA		12.74+-4.05 pCi/l	HP, 735A
0	NONVOLATILE BETA		6.05+-1.09 pCi/l	Rad. Meas.
0	CERIUM 144		0.00+-0.11 pCi/ml	HP, 735A
0	COBALT 60		0.00+-0.02 pCi/ml	HP, 735A
0	CHROMIUM 51		0.00+-0.18 pCi/ml	HP, 735A
0	CESIUM 134		0.00+-0.01 pCi/ml	HP, 735A
0	CESIUM 137		0.00+-0.02 pCi/ml	HP, 735A
0	IODINE 131		0.00+-0.06 pCi/ml	HP, 735A
0	RUTHENIUM 103		0.00+-0.02 pCi/ml	HP, 735A
0	RUTHENIUM 106		0.00+-0.14 pCi/ml	HP, 735A
0	ANTIMONY 125		0.00+-0.05 pCi/ml	HP, 735A
0	STRONTIUM 89/90		0.84+-2.59 pCi/l	HP, 735A
0	TRITIUM		4.82+-0.74 pCi/ml	HP, 735A
0	TRITIUM		5.23+-0.29 pCi/ml	Rad. Meas.
0	ZIRCONIUM/NIOBIUM 95		0.00+-0.06 pCi/ml	HP, 735A

WELL FCA 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/28/89 Time 1450
Depth to water = 88.00 ft (26.82 m) below the TOC
Water elevation = 224.20 ft (68.34 m) msl
pH = 5.5 Alkalinity = 15 mg/L
Specific Conductance = 96 umhos/cm
Water Temperature = 27.9 degrees Celsius
Water evacuated from the well prior to sampling = 4 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		73.90 UMHO	Env. Eng.
0	PH		5.96 pH	Env. Eng.
0	SILVER	LT	2 ug/l	Env. Eng.
0	ARSENIC	LT	2 ug/l	Env. Eng.
0	BARIUM		13 ug/l	Env. Eng.
0	CALCIUM		6110 ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00 ug/l	Env. Eng.
0	CADMIUM	LT	2 ug/l	Env. Eng.
0	CHLOROFORM	LT	1 ug/l	Env. Eng.
0	CHLORIDE		4600 ug/l	Env. Eng.
0	CHROMIUM	LT	4 ug/l	Env. Eng.
0	FLUORIDE	LT	100 ug/l	Env. Eng.
0	IRON	LT	20 ug/l	Env. Eng.
0	MERCURY	LT	0.20 ug/l	Env. Eng.

CONTINUED

WELL FCA 16A COLLECTED ON 03/28/89 LABORATORY ANALYSES CONTINUED

0	POTASSIUM		3330 ug/l	Env. Eng
0	MAGNESIUM		407 ug/l	Env. Eng
0	MANGANESE		7 ug/l	Env. Eng.
1	SODIUM		6160 ug/l	Env. Eng
0	NITRATE AS NITROGEN		2420 ug/l	Env. Eng
0	LEAD	LT	6 ug/l	Env. Eng.
0	PHENOLS	LT	5 ug/l	Env. Eng.
0	SELENIUM	LT	2 ug/l	Env. Eng
1	SILICA		6650 ug/l	Env. Eng.
0	SULFATE	LT	5000 ug/l	Env. Eng
1	TETRACHLOROETHYLENE		3.88 ug/l	Env. Eng
0	TOTAL DISSOLVED SOLIDS		54000 ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1800 ug/l	Env. Eng
1	TOTAL ORGANIC HALOGENS		20 ug/l	Env. Eng.
0	TOTAL PHOSPHATES		238 ug/l	Env. Eng.
1	TRICHLOROETHYLENE		1.00 ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	Env. Eng.
1	GROSS ALPHA		5.39+-1.50 pCi/l	Rad. Meas
1	NONVOLATILE BETA		11.42+-1.69 pCi/l	Rad. Meas
1	TOTAL RADIUM		3.82+-1.51 pCi/l	Rad. Meas
0	TRITIUM		5.83+-0.29 pCi/ml	Rad. Meas

WELL FCA 16B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/11/89 Time 900
Depth to water = 13.20 ft (4.02 m) below the TOC
Water elevation = 298.90 ft (91.11 m) msl
pH = 21.2
Specific Conductance = 162 umhos/cm
Water Temperature = 7.1 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA		0.49+-0.90 pCi/l	HP, 735A
0	NONVOLATILE BETA		8.00+-1.81 pCi/l	HP, 735A
0	CERIUM 144		0.00+-0.11 pCi/ml	HP, 735A
0	COBALT 60		0.00+-0.02 pCi/ml	HP, 735A
0	CHROMIUM 51		0.00+-0.17 pCi/ml	HP, 735A
0	CESIUM 134		0.00+-0.02 pCi/ml	HP, 735A
0	CESIUM 137		0.00+-0.02 pCi/ml	HP, 735A
0	IODINE 131		0.00+-0.04 pCi/ml	HP, 735A
0	RUTHENIUM 103		0.00+-0.02 pCi/ml	HP, 735A
0	RUTHENIUM 106		0.00+-0.15 pCi/ml	HP, 735A
0	ANTIMONY 125		0.00+-0.05 pCi/ml	HP, 735A
0	STRONTIUM 89/90		2.55+-3.39 pCi/l	HP, 735A
1	TRITIUM		12.75+-0.94 pCi/ml	HP, 735A
0	ZIRCONIUM/NIOBIUM 95		0.00+-0.05 pCi/ml	HP, 735A

WELL FCA 16D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/25/89 Time 1605
Depth to water = 86.39 ft (26.33 m) below the TOC
Water elevation = 224.31 ft (68.37 m) msl
pH = 6.1 Alkalinity = 18 mg/L
Specific Conductance = 163 umhos/cm
Water Temperature = 20.5 degrees Celsius
Water evacuated from the well prior to sampling = 1 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		153.0 UMHO	Env. Eng
0	PH		6.33 pH	Env. Eng
0	SILVER	LT	2 ug/l	Env. Eng.
0	ARSENIC	LT	2 ug/l	Env. Eng
0	BARIUM		36 ug/l	Env. Eng
1	CALCIUM		10500 ug/l	Env. Eng
0	CARBON TETRACHLORIDE	LT	1.00 ug/l	Env. Eng
0	CADMIUM	LT	2 ug/l	Env. Eng
0	CHLOROFORM	LT	1 ug/l	Env. Eng
0	CHLORIDE		3500 ug/l	Env. Eng
0	CHLORIDE		3500 ug/l	Env. Eng
0	CHROMIUM	LT	4 ug/l	Env. Eng
0	IRON		28 ug/l	Env. Eng
0	MERCURY	LT	0.20 ug/l	Env. Eng
0	POTASSIUM		1620 ug/l	Env. Eng
0	MAGNESIUM		1330 ug/l	Env. Eng
0	MANGANESE		22 ug/l	Env. Eng
1	SODIUM		13500 ug/l	Env. Eng
2	NITRATE AS NITROGEN		10300 ug/l	Env. Eng
0	LEAD		8 ug/l	Env. Eng
0	PHENOLS	LT	5 ug/l	Env. Eng
0	SELENIUM	LT	2 ug/l	Env. Eng
1	SILICA		7980 ug/l	Env. Eng
1	SILICA		7920 ug/l	Env. Eng
0	SULFATE	LT	5000 ug/l	Env. Eng
0	SULFATE	LT	5000 ug/l	Env. Eng
0	TETRACHLOROETHYLENE	LT	1.00 ug/l	Env. Eng
0	TOTAL DISSOLVED SOLIDS		160000 ug/l	Env. Eng
0	TOTAL ORGANIC CARBON	LT	1000 ug/l	Env. Eng
2	TOTAL ORGANIC HALOGENS		134 ug/l	Env. Eng
2	TOTAL ORGANIC HALOGENS		135 ug/l	Env. Eng
1	TOTAL PHOSPHATES		1690 ug/l	Env. Eng
1	TOTAL PHOSPHATES		1700 ug/l	Env. Eng
2	TRICHLOROETHYLENE		169 ug/l	Env. Eng
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	Env. Eng
1	GROSS ALPHA		6.25+-4.95 pCi/l	HP, 735A
2	GROSS ALPHA		24.82+-4.49 pCi/l	Rad. Meas
1	NONVOLATILE BETA		17.90+-2.29 pCi/l	HP, 735A

CONTINUED

WELL FCA 16D COLLECTED ON 02/25/89 LABORATORY ANALYSES CONTINUED

1	NONVOLATILE BETA	22.85+-1.85 pCi/l	Rad. Meas.
2	TOYAL RADIUM	16.96+-2.19 pCi/l	Rad. Meas.
2	TRITIUM	309+-6.30 pCi/ml	HP, 735A
2	TRITIUM	325+-3.23 pCi/ml	Rad. Meas.

WELL FCA 16D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/11/89 Time 920
Depth to water = 87.00 ft (26.52 m) below the TOC
Water elevation = 223.70 ft (68.18 m) msl
pH = 7.2
Specific Conductance = 142 umhos/cm
Water Temperature = 19.3 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	4.36+-2.28 pCi/l	HP, 735A
0	NONVOLATILE BETA	8.01+-1.80 pCi/l	HP, 735A
0	CERIUM 144	0.00+-0.11 pCi/ml	HP, 735A
0	COBALT 60	0.00+-0.02 pCi/ml	HP, 735A
0	CHROMIUM 51	0.00+-0.17 pCi/ml	HP, 735A
0	CESIUM 134	0.00+-0.02 pCi/ml	HP, 735A
0	CESIUM 137	0.00+-0.02 pCi/ml	HP, 735A
0	IODINE 131	0.00+-0.05 pCi/ml	HP, 735A
0	RUTHENIUM 103	0.00+-0.02 pCi/ml	HP, 735A
0	RUTHENIUM 106	0.00+-0.13 pCi/ml	HP, 735A
0	ANTIMONY 125	0.00+-0.04 pCi/ml	HP, 735A
0	STRONTIUM 89/90	0.00+-7.62 pCi/l	HP, 735A
2	TRITIUM	278+-5.67 pCi/ml	HP, 735A
0	ZIRCONIUM/NIOBIUM 95	0.00+-0.05 pCi/ml	HP, 735A

WELL FCA 16T

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/11/89 Time 910
The well was dry.

WELL FCA 19D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/28/89 Time 1755
Depth to water = 96.82 ft (29.51 m) below the TOC
Water elevation = 214.78 ft (65.47 m) msl
pH = 7.4 Alkalinity = 115 mg/L
Specific Conductance = 306 umhos/cm
Water Temperature = 21.7 degrees Celsius
Water evacuated from the well prior to sampling = 2 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		330.0 UMHC	Env. Eng.
1	PH		7.05 pH	Env. Eng.
0	SILVER	LT	2 ug/l	Env. Eng.
0	SILVER	LT	2 ug/l	Env. Eng.
0	ARSENIC	LT	2 ug/l	Env. Eng.
0	ARSENIC	LT	2 ug/l	Env. Eng.
0	BARIUM		40 ug/l	Env. Eng.
1	CALCIUM		28200 ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00 ug/l	Env. Eng.
0	CADMIUM	LT	2 ug/l	Env. Eng.
1	CHLOROFORM		24 ug/l	Env. Eng.
0	CHLORIDE		6200 ug/l	Env. Eng.
0	CHLORIDE		6000 ug/l	Env. Eng.
0	CHROMIUM	LT	4 ug/l	Env. Eng.
0	FLUORIDE		400 ug/l	Env. Eng.
0	FLUORIDE		400 ug/l	Env. Eng.
0	IRON		21 ug/l	Env. Eng.
0	MERCURY	LT	0.20 ug/l	Env. Eng.
1	POTASSIUM		24900 ug/l	Env. Eng.
0	MAGNESIUM		2950 ug/l	Env. Eng.
2	MANGANESE		125 ug/l	Env. Eng.
1	SODIUM		28000 ug/l	Env. Eng.
0	NITRATE AS NITROGEN	LT	50 ug/l	Env. Eng.
0	LEAD		10 ug/l	Env. Eng.
0	PHENOLS	LT	5 ug/l	Env. Eng.
0	SELENIUM	LT	2 ug/l	Env. Eng.
0	SELENIUM	LT	2 ug/l	Env. Eng.
1	SILICA		12500 ug/l	Env. Eng.
1	SULFATE		11600 ug/l	Env. Eng.
1	SULFATE		11200 ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00 ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		234000 ug/l	Env. Eng.
1	TOTAL ORGANIC CARBON		9400 ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		112 ug/l	Env. Eng.
0	TOTAL PHOSPHATES		259 ug/l	Env. Eng.
2	TRICHLOROETHYLENE		20.9 ug/l	Env. Eng.
1	1,1,1-TRICHLOROETHANE		35 ug/l	Env. Eng.
0	GROSS ALPHA		0.37+-1.45 pCi/l	HP, 735A
0	GROSS ALPHA		4.35+-3.62 pCi/l	Rad. Meas.
1	GROSS ALPHA		6.25+-4.09 pCi/l	Rad. Meas.
1	NONVOLATILE BETA		12.10+-4.25 pCi/l	HP, 735A
1	NONVOLATILE BETA		29.40+-3.59 pCi/l	Rad. Meas.
1	NONVOLATILE BETA		32.38+-3.61 pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.96+-0.65 pCi/l	Rad. Meas.

CONTINUED

WELL FCA 19D COLLECTED ON 03/28/89 LABORATORY ANALYSES CONTINUED

0	TOTAL RADIUM	0.98+-0.62 pCi/l	Rad. Meas
0	TRITIUM	1.33+-0.22 pCi/ml	Rad. Meas.
0	TRITIUM	1.28+-0.22 pCi/ml	Rad. Meas

WELL FCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/21/89 Time 1340
Depth to water = 79.32 ft (24.18 m) below the TOC
Water elevation = 227.98 ft (69.49 m) msl
pH = 5.1 Alkalinity = 0 mg/L
Specific Conductance = 27 umhos/cm
Water Temperature = 19.1 degrees Celsius
Water evacuated from the well prior to sampling = 65 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		31.80 UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		26.90 UMHC	Env. Eng.
0	PH		4.82 pH	Env. Eng.
0	PH		4.77 pH	Env. Eng.
0	SILVER	LT	2 ug/l	Env. Eng.
0	SILVER	LT	2 ug/l	Env. Eng.
0	ARSENIC	LT	2 ug/l	Env. Eng.
0	ARSENIC	LT	2 ug/l	Env. Eng.
0	BARIUM		6 ug/l	Env. Eng.
0	BARIUM		5 ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5 ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5 ug/l	Env. Eng.
0	CALCIUM		628 ug/l	Env. Eng.
0	CALCIUM		740 ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5 ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5 ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00 ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00 ug/l	Env. Eng.
0	CADMIUM	LT	2 ug/l	Env. Eng.
0	CADMIUM	LT	2 ug/l	Env. Eng.
0	BROMOFORM	LT	10 ug/l	Env. Eng.
0	BROMOFORM	LT	10 ug/l	Env. Eng.
0	CHLOROFORM	LT	5 ug/l	Env. Eng.
0	CHLOROFORM	LT	5 ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5 ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5 ug/l	Env. Eng.
0	BROMOMETHANE	LT	10 ug/l	Env. Eng.
0	BROMOMETHANE	LT	10 ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10 ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10 ug/l	Env. Eng.
0	CHLORIDE		2300 ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5 ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5 ug/l	Env. Eng.
0	CHROMIUM	LT	4 ug/l	Env. Eng.
0	CHROMIUM	LT	4 ug/l	Env. Eng.
0	COPPER		7 ug/l	Env. Eng.
0	COPPER		7 ug/l	Env. Eng.
0	CHLOROETHENE	LT	10 ug/l	Env. Eng.
0	CHLOROETHENE	LT	10 ug/l	Env. Eng.
0	CHLOROETHANE	LT	10 ug/l	Env. Eng.
0	CHLOROETHANE	LT	10 ug/l	Env. Eng.
0	BENZENE	LT	5 ug/l	Env. Eng.
0	BENZENE	LT	5 ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5 ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5 ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5 ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5 ug/l	Env. Eng.
0	FLUORIDE	LT	100 ug/l	Env. Eng.
0	IRON		81 ug/l	Env. Eng.
0	IRON		79 ug/l	Env. Eng.
0	MERCURY	LT	0.20 ug/l	Env. Eng.
0	MERCURY	LT	0.20 ug/l	Env. Eng.
0	POTASSIUM	LT	500 ug/l	Env. Eng.
0	POTASSIUM	LT	500 ug/l	Env. Eng.
0	TOLUENE	LT	5 ug/l	Env. Eng.
0	TOLUENE	LT	5 ug/l	Env. Eng.
0	MAGNESIUM		340 ug/l	Env. Eng.
0	MAGNESIUM		334 ug/l	Env. Eng.
0	MANGANESE		5 ug/l	Env. Eng.
0	MANGANESE		5 ug/l	Env. Eng.
0	SODIUM		2470 ug/l	Env. Eng.
0	SODIUM		2410 ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1200 ug/l	Env. Eng.
1	LEAD		21 ug/l	Env. Eng.
0	LEAD		18 ug/l	Env. Eng.
0	PHENOLS	LT	5 ug/l	Env. Eng.
0	SELENIUM	LT	2 ug/l	Env. Eng.
0	SELENIUM	LT	2 ug/l	Env. Eng.
1	SILICA		6640 ug/l	Env. Eng.
0	SULFATE	LT	5000 ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10 ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10 ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00 ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00 ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS	LT	5000 ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000 ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5 ug/l	Env. Eng.
0	TOTAL PHOSPHATES		35 ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00 ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00 ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5 ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5 ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5 ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5 ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5 ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5 ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5 ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5 ug/l	Env. Eng.

CONTINUED

WELL FCB 2 COLLECTED ON 03/21/89 LABORATORY ANALYSES CONTINUED

0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		17	ug/l	Env. Eng.
0	ZINC		14	ug/l	Env. Eng.
0	GROSS ALPHA		2.80+-0.82	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.61+-0.82	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.77+-0.66	pCi/l	Rad. Meas.
0	TRITIUM		7.19+-0.31	pCi/ml	Rad. Meas.

WELL FCB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/21/89 Time 1430
Depth to water = 82.87 ft (25.26 m) below the TOC
Water elevation = 219.43 ft (66.88 m) msl
pH = 8.2 Alkalinity = 30 mg/L
Specific Conductance = 84 umhos/cm
Water Temperature = 19.8 degrees Celsius
Water evacuated from the well prior to sampling = 65 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		101.0	UMHC	Env. Eng.
0	PH		6.21	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		14	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE*	LT	5	ug/l	Env. Eng.
1	CALCIUM		16100	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2700	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		10	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		160	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		733	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		990	ug/l	Env. Eng.
0	MANGANESE		7	ug/l	Env. Eng.
0	SODIUM		2110	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1310	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		9480	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		50000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		7	ug/l	Env. Eng.
1	TOTAL PHOSPHATES		996	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		19	ug/l	Env. Eng.
0	GROSS ALPHA		2.04+-1.06	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		3.94+-1.05	pCi/l	Rad. Meas.
2	TOTAL RADIUM		5.83+-1.58	pCi/l	Rad. Meas.
0	TRITIUM		6.43+-0.30	pCi/ml	Rad. Meas.

WELL FCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/21/89 Time 1000
Depth to water = 79.36 ft (24.19 m) below the TOC
Water elevation = 227.24 ft (69.26 m) msl
pH = 5.5 Alkalinity = 4 mg/L
Specific Conductance = 33 umhos/cm
Water Temperature = 19.6 degrees Celsius
Water evacuated from the well prior to sampling = 14 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		36.40	UMHC	Env. Eng.
0	PH		5.28	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		9	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		1100	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3200	ug/l	Env. Eng
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		7	ug/l	Env Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng
2	IRON		481	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		317	ug/l	Env. Eng.
1	MANGANESE		50	ug/l	Env. Eng.
0	SODIUM		2900	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1350	ug/l	Env. Eng.
0	LEAD		12	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		6620	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		18000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng
0	TOTAL PHOSPHATES		22	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env Eng
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
1	ZINC		541	ug/l	Env. Eng.
0	GROSS ALPHA		0.88+-0.44	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.39+-0.79	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		8.72+-0.33	pCi/ml	Rad. Meas

WELL FCB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/21/89 Time 1400
Depth to water = 77.25 ft (23.55 m) below the TOC
Water elevation = 226.65 ft (69.08 m) msl
pH = 5.4 Alkalinity = 2 mg/L
Specific Conductance = 29 umhos/cm
Water Temperature = 19.7 degrees Celsius
Water evacuated from the well prior to sampling = 1 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		25.10	UMHC	Env. Eng.
0	PH		5.42	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		14	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		1540	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng
0	BROMOFORM	LT	10	ug/l	Env. Eng
0	CHLOROFORM	LT	5	ug/l	Env. Eng
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng
0	CHLORIDE		2800	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng

CONTINUED

WELL FCB 5 COLLECTED ON 03/21/89 LABORATORY ANALYSES CONTINUED

0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		6	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		28	ug/l	Env. Eng.
0	MERCURY		0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		316	ug/l	Env. Eng.
0	MANGANESE		24	ug/l	Env. Eng.
0	SODIUM		2520	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		648	ug/l	Env. Eng.
0	LEAD		12	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		8300	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS	LT	5000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		16	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		30	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		32	ug/l	Env. Eng.
0	GROSS ALPHA		0.50+-0.40	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.61+-0.61	pCi/l	Rad. Meas.
0	TRITIUM		8.34+-0.32	pCi/ml	Rad. Meas.

WELL FCB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/21/89 Time 1305
Depth to water = 82.95 ft (25.28 m) below the TOC
Water elevation = 227.55 ft (69.36 m) msl
pH = 8.0 Alkalinity = 70 mg/L
Specific Conductance = 195 umhos/cm
Water Temperature = 18.8 degrees Celsius
Water evacuated from the well prior to sampling = 2 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		183.0	UMHC	Env. Eng.
1	PH		6.99	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		58	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		17100	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		1900	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		8	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		24	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
1	POTASSIUM		12500	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		729	ug/l	Env. Eng.
0	MANGANESE		21	ug/l	Env. Eng.
1	SODIUM		10200	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1220	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		7330	ug/l	Env. Eng.
1	SILICA		7290	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		96000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1100	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		39	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.

CONTINUED

WELL FCB 6 COLLECTED ON 03/21/89 LABORATORY ANALYSES CONTINUED

0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
1	1,1,1-TRICHLOROETHANE		12	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		24	ug/l	Env. Eng.
0	GROSS ALPHA		3.09+-1.58	pCi/l	Rad. Meas.
0	GROSS ALPHA		1.72+-1.65	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		11.55+-1.47	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		13.14+-1.56	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.78+-0.79	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.76+-1.40	pCi/l	Rad. Meas.
1	TRITIUM		10.23+-0.35	pCi/ml	Rad. Meas.
1	TRITIUM		12.25+-0.37	pCi/ml	Rad. Meas.

WELL FCB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/20/89 Time 1530
The well was dry.

WELL FET 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/19/89 Time 1025
Depth to water = 48.36 ft (14.74 m) below the TOC
Water elevation = 221.64 ft (67.56 m) msl
pH = 5.7 Alkalinity = 7 mg/L
Specific Conductance = 65 umhos/cm
Water Temperature = 19.8 degrees Celsius
Water evacuated from the well prior to sampling = 7 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		68.25	UMHC	Env. Eng.
0	PH		5.64	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		9	ug/l	Env. Eng.
0	CALCIUM		1750	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLORIDE		4300	ug/l	Env. Eng.
0	CHLORIDE		4200	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
1	IRON		161	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1160	ug/l	Env. Eng.
0	MAGNESIUM		423	ug/l	Env. Eng.
2	MANGANESE		61	ug/l	Env. Eng.
1	SODIUM		9000	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1350	ug/l	Env. Eng.
0	LEAD		6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		6830	ug/l	Env. Eng.
0	SULFATE		6300	ug/l	Env. Eng.
0	SULFATE		6200	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		54000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1300	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	GROSS ALPHA		0.91+-0.81	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.02+-0.89	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		6.95+-0.33	pCi/ml	Rad. Meas.

WELL FET 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/16/89 Time 1105
Depth to water = 49.72 ft (15.15 m) below the TOC
Water elevation = 220.28 ft (67.14 m) msl
pH = 4.9 Alkalinity = 0 mg/L
Specific Conductance = 42 umhos/cm
Water Temperature = 19.9 degrees Celsius
Water evacuated from the well prior to sampling = 46 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		39.60	UMHC	Env. Eng.
0	PH		4.27	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		10	ug/l	Env. Eng.
0	CALCIUM		1390	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLORIDE		3600	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.

CONTINUED

WELL FET 2D COLLECTED ON 03/16/89 LABORATORY ANALYSES CONTINUED

0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	MAGNESIUM		694	ug/l	Env. Eng.
0	MANGANESE		13	ug/l	Env. Eng.
0	SODIUM		3280	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		2110	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		7800	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		24000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		28000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		7	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	GROSS ALPHA		2.12+-1.00	pCi/l	Rad. Meas.
0	GROSS ALPHA		2.19+-0.95	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.32+-0.90	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.10+-0.88	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.73+-0.93	pCi/l	Rad. Meas.
0	TRITIUM		7.48+-0.33	pCi/ml	Rad. Meas.
0	TRITIUM		8.20+-0.35	pCi/ml	Rad. Meas.

WELL FET 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/12/89 Time 1120
Depth to water = 64.96 ft (19.80 m) below the TOC
Water elevation = 220.24 ft (67.13 m) msl
pH = 5.3 Alkalinity = 3 mg/L
Specific Conductance = 45 umhos/cm
Water Temperature = 19.6 degrees Celsius
Water evacuated from the well prior to sampling = 60 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		41.00	UMHC	Env. Lab.
0	SPECIFIC CONDUCTANCE		41.40	UMHC	W. A.
0	SPECIFIC CONDUCTANCE		45.20	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		46.10	UMHC	Env. Eng.
0	PH		5.30	pH	Env. Lab.
0	PH		5.20	pH	W. A.
0	PH		5.30	pH	W. A.
0	PH		5.03	pH	Env. Eng.
0	PH		4.88	pH	Env. Eng.
0	SILVER	LT	10	ug/l	Env. Lab.
0	SILVER	LT	10	ug/l	W. A.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	200	ug/l	W. A.
0	ARSENIC	LT	5	ug/l	Env. Lab.
0	ARSENIC	LT	10	ug/l	W. A.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	100	ug/l	Env. Lab.
0	BARIUM	LT	200	ug/l	W. A.
0	BARIUM		8	ug/l	Env. Eng.
0	BERYLLIUM	LT	5	ug/l	W. A.
0	CALCIUM		950	ug/l	Env. Lab.
0	CALCIUM	LT	5000	ug/l	W. A.
0	CALCIUM		969	ug/l	Env. Eng.
0	CADMIUM	LT	10	ug/l	Env. Lab.
0	CADMIUM	LT	5	ug/l	W. A.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLORIDE		4000	ug/l	Env. Lab.
0	CHLORIDE		6400	ug/l	W. A.
0	CHLORIDE		4300	ug/l	Env. Eng.
0	COBALT	LT	50	ug/l	W. A.
0	CHROMIUM	LT	50	ug/l	Env. Lab.
0	CHROMIUM	LT	10	ug/l	W. A.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	25	ug/l	W. A.
0	FLUORIDE	LT	100	ug/l	Env. Lab.
0	FLUORIDE	LT	100	ug/l	W. A.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		60	ug/l	Env. Lab.
0	IRON	LT	100	ug/l	W. A.
0	IRON		77	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Lab.
0	MERCURY	LT	0.20	ug/l	W. A.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	1000	ug/l	Env. Lab.
0	POTASSIUM	LT	5000	ug/l	W. A.
0	POTASSIUM		510	ug/l	Env. Eng.
0	LITHIUM	LT	50	ug/l	W. A.
0	MAGNESIUM		520	ug/l	Env. Lab.
0	MAGNESIUM	LT	5000	ug/l	W. A.
0	MAGNESIUM		519	ug/l	Env. Eng.
1	MANGANESE		30	ug/l	Env. Lab.
0	MANGANESE		19	ug/l	W. A.
0	MANGANESE		21	ug/l	Env. Eng.
1	SODIUM		6200	ug/l	Env. Lab.
1	SODIUM		7400	ug/l	W. A.
1	SODIUM		5920	ug/l	Env. Eng.
0	NICKEL	LT	40	ug/l	W. A.
0	NITRATE AS NITROGEN		2800	ug/l	Env. Lab.
0	NITRATE AS NITROGEN		1900	ug/l	W. A.
0	NITRATE AS NITROGEN		2130	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		2140	ug/l	Env. Eng.
0	LEAD	LT	100	ug/l	Env. Lab.
0	LEAD	LT	5	ug/l	W. A.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Lab.
0	PHENOLS	LT	5	ug/l	W. A.
0	PHENOLS	LT	5	ug/l	Env. Eng.

CONTINUED

WELL FET 3D COLLECTED ON 03/12/89 LABORATORY ANALYSES CONTINUED

0	ANTIMONY	LT	60	ug/l	W. A.
0	SELENIUM	LT	10	ug/l	Env. Lab.
0	SELENIUM	LT	5	ug/l	W. A.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		6800	ug/l	Env. Lab.
1	SILICA		3120	ug/l	W. A.
1	SILICA		7020	ug/l	Env. Eng.
0	TIN	LT	100	ug/l	W. A.
0	SULFATE		8000	ug/l	Env. Lab.
0	SULFATE	LT	5000	ug/l	W. A.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		40000	ug/l	Env. Lab.
0	TOTAL DISSOLVED SOLIDS		40000	ug/l	W. A.
0	TOTAL DISSOLVED SOLIDS		28000	ug/l	Env. Eng.
0	THALLIUM	LT	10	ug/l	W. A.
0	TOTAL ORGANIC CARBON	LT	5000	ug/l	Env. Lab.
0	TOTAL ORGANIC CARBON		730	ug/l	W. A.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	10	ug/l	Env. Lab.
0	TOTAL ORGANIC HALOGENS	LT	20	ug/l	W. A.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	10	ug/l	Env. Lab.
0	TOTAL PHOSPHATES	LT	50	ug/l	W. A.
0	TOTAL PHOSPHATES		20	ug/l	Env. Eng.
0	URANIUM	LT	1000	ug/l	W. A.
0	VANADIUM	LT	50	ug/l	W. A.
0	ZINC	LT	20	ug/l	W. A.
0	GROSS ALPHA	LT	0.72	pCi/l	Env. Lab.
0	GROSS ALPHA		0.00+-5.00	pCi/l	W. A.
0	GROSS ALPHA		0.61+-0.53	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	0.98	pCi/l	Env. Lab.
0	NONVOLATILE BETA		5.00+-3.00	pCi/l	W. A.
0	NONVOLATILE BETA		1.13+-0.79	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	0.76	pCi/l	Env. Lab.
0	TOTAL RADIUM		1.00+-0.50	pCi/l	W. A.
0	TOTAL RADIUM		0.58+-0.49	pCi/l	Rad. Meas.
0	TRITIUM		6.43+-0.63	pCi/ml	Env. Lab.
1	TRITIUM		11.00+-1.00	pCi/ml	W. A.
0	TRITIUM		7.75+-0.32	pCi/ml	Rad. Meas.

WELL FET 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/12/89 Time 1120
Depth to water = 64.96 ft (19.80 m) below the TOC
Water elevation = 220.24 ft (67.13 m) msl
pH = 5.3 Alkalinity = 3 mg/L
Specific Conductance = 45 umhos/cm
Water Temperature = 19.6 degrees Celsius
Water evacuated from the well prior to sampling = 60 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		44.20	UMHC	Env. Eng.
0	PH		5.00	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		9	ug/l	Env. Eng.
0	CALCIUM		880	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLORIDE		4400	ug/l	Env. Eng.
0	CHLORIDE		4200	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		37	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	MAGNESIUM		532	ug/l	Env. Eng.
0	MANGANESE		22	ug/l	Env. Eng.
1	SODIUM		6010	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		2220	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		6950	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		36000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	GROSS ALPHA		1.37+-0.67	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.04+-0.81	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		7.79+-0.32	pCi/ml	Rad. Meas.

WELL FET 40

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/16/89 Time 1150
Depth to water = 66.22 ft (20.18 m) below the TOC
Water elevation = 220.68 ft (67.26 m) msl
pH = 5.1 Alkalinity = 0 mg/L
Specific Conductance = 49 umhos/cm
Water Temperature = 20.3 degrees Celsius
Water evacuated from the well prior to sampling = 55 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		57.00	UMHC	Env. Eng.
0	PH		4.39	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		12	ug/l	Env. Eng.
0	CALCIUM		1240	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLORIDE		4000	ug/l	Env. Eng.
0	CHLORIDE		4200	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		21	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		662	ug/l	Env. Eng.
0	MAGNESIUM		740	ug/l	Env. Eng.
1	MANGANESE		30	ug/l	Env. Eng.
0	SODIUM		4600	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		2410	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		6840	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		28000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	GROSS ALPHA		1.81+-0.92	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.17+-0.89	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		8.07+-0.35	pCi/ml	Rad. Meas.

WELL FNB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/14/89 Time 1535
Depth to water = 76.16 ft (23.21 m) below the TOC
Water elevation = 208.14 ft (63.44 m) msl
pH = 4.7 Alkalinity = 0 mg/L
Specific Conductance = 77 umhos/cm
Water Temperature = 19.4 degrees Celsius
Water evacuated from the well prior to sampling = 80 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		87.60	UMHC	Env. Eng.
0	PH		4.46	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		20	ug/l	Env. Eng.
0	BERYLLIUM	LT	5	ug/l	Env. Eng.
0	CALCIUM		1510	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		3130	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		4	ug/l	Env. Eng.
0	FLUORIDE		160	ug/l	Env. Eng.
0	IRON		59	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	MAGNESIUM		1200	ug/l	Env. Eng.
0	MANGANESE		18	ug/l	Env. Eng.
1	SODIUM		7700	ug/l	Env. Eng.
0	NICKEL		4	ug/l	Env. Eng.
1	NITRATE AS NITROGEN		6950	ug/l	Env. Eng.
0	LEAD		9	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		7430	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		58000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		46	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		46	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		54.8	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	ZINC		7	ug/l	Env. Eng.
0	GROSS ALPHA		2.15+-0.83	pCi/l	HP, 735A
0	GROSS ALPHA		3.30+-1.00	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		7.17+-1.91	pCi/l	HP, 735A
1	NONVOLATILE BETA		10.20+-1.33	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.92+-0.63	pCi/l	Rad. Meas.
2	TRITIUM		246+-5.03	pCi/ml	HP, 735A
2	TRITIUM		238+-2.64	pCi/ml	Rad. Meas.

WELL FNB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/14/89 Time 1455
Depth to water = 83.70 ft (25.51 m) below the TOC
Water elevation = 204.10 ft (62.21 m) msl
pH = 3.8 Alkalinity = 0 mg/L
Specific Conductance = 290 umhos/cm
Water Temperature = 19.2 degrees Celsius
Water evacuated from the well prior to sampling = 61 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		251.0	UMHC	Env. Eng.
1	PH		3.54	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		108	ug/l	Env. Eng.
0	BERYLLIUM	LT	5	ug/l	Env. Eng.
0	CALCIUM		5290	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		2530	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		13	ug/l	Env. Eng.
0	FLUORIDE		440	ug/l	Env. Eng.
0	IRON		128	ug/l	Env. Eng.
2	MERCURY		1.18	ug/l	Env. Eng.
0	POTASSIUM		713	ug/l	Env. Eng.
0	MAGNESIUM		3320	ug/l	Env. Eng.
2	MANGANESE		417	ug/l	Env. Eng.
1	SODIUM		11000	ug/l	Env. Eng.
1	NICKEL		26	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		26900	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		12900	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		116000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1200	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		24	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		155	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		18.0	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	ZINC		25	ug/l	Env. Eng.
2	GROSS ALPHA		34.12+-4.74	pCi/l	HP, 735A
2	GROSS ALPHA		64.20+-5.07	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		543+-71.9	pCi/l	HP, 735A
2	NONVOLATILE BETA		618+-10.1	pCi/l	Rad. Meas.
2	TOTAL RADIUM		16.60+-1.73	pCi/l	Rad. Meas.
2	TRITIUM		421+-8.53	pCi/ml	HP, 735A
2	TRITIUM		430+-3.98	pCi/ml	Rad. Meas.

WELL FNB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/14/89 Time 1405
Depth to water = 77.67 ft (23.67 m) below the TOC
Water elevation = 206.33 ft (62.89 m) msl
pH = 4.6 Alkalinity = 0 mg/L
Specific Conductance = 82 umhos/cm
Water Temperature = 18.9 degrees Celsius
Water evacuated from the well prior to sampling = 63 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		85.00	UMHC	Env. Eng.
0	PH		4.29	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		29	ug/l	Env. Eng.
0	BERYLLIUM	LT	5	ug/l	Env. Eng.
0	CALCIUM		2070	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		2840	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		5	ug/l	Env. Eng.
0	FLUORIDE		190	ug/l	Env. Eng.
0	FLUORIDE		170	ug/l	Env. Eng.
0	IRON		28	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	MAGNESIUM		1240	ug/l	Env. Eng.
2	MANGANESE		103	ug/l	Env. Eng.
0	SODIUM		4850	ug/l	Env. Eng.
0	NICKEL		6	ug/l	Env. Eng.
1	NITRATE AS NITROGEN		6960	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		7230	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		48000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		2900	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.

CONTINUED

WELL FNB 3 COLLECTED ON 02/14/89 LABORATORY ANALYSES CONTINUED

0	ZINC		26	ug/l	Env. Eng.
0	GROSS ALPHA		4.59+-1.27	pCi/l	HP, 735A
1	GROSS ALPHA		8.75+-1.52	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		49.52+-7.58	pCi/l	HP, 735A
2	NONVOLATILE BETA		70.10+-2.96	pCi/l	Rad. Meas.
1	TOTAL RADIUM		3.73+-0.86	pCi/l	Rad. Meas.
2	TRITIUM		65.10+-1.81	pCi/ml	HP, 735A
2	TRITIUM		66.20+-1.40	pCi/ml	Rad. Meas.

WELL FNB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/10/89 Time 1010
Depth to water = 81.53 ft (24.85 m) below the TOC
Water elevation = 209.97 ft (64.00 m) msl
pH = 4.7 Alkalinity = 1 mg/L
Specific Conductance = 31 umhos/cm
Water Temperature = 17.6 degrees Celsius
Water evacuated from the well prior to sampling = 79 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		28.00	UMHC	Env. Lab.
0	SPECIFIC CONDUCTANCE		28.30	UMHC	W. A.
0	SPECIFIC CONDUCTANCE		33.50	UMHC	Env. Eng.
0	PH		4.70	pH	Env. Lab.
0	PH		4.70	pH	W. A.
0	PH		4.62	pH	Env. Eng.
0	SILVER	LT	10	ug/l	Env. Lab.
0	SILVER	LT	10	ug/l	W. A.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	200	ug/l	W. A.
0	ARSENIC	LT	5	ug/l	Env. Lab.
0	ARSENIC	LT	10	ug/l	W. A.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	100	ug/l	Env. Lab.
0	BARIUM	LT	200	ug/l	W. A.
0	BARIUM		7	ug/l	Env. Eng.
0	BARIUM		7	ug/l	Env. Eng.
0	BERYLLIUM	LT	10	ug/l	Env. Lab.
0	BERYLLIUM	LT	5	ug/l	W. A.
0	BERYLLIUM	LT	5	ug/l	Env. Eng.
0	BERYLLIUM	LT	5	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	CALCIUM		570	ug/l	Env. Lab.
0	CALCIUM	LT	5000	ug/l	W. A.
0	CALCIUM		620	ug/l	Env. Eng.
0	CALCIUM		614	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	1	ug/l	Env. Lab.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Lab.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	W. A.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	10	ug/l	Env. Lab.
0	CADMIUM	LT	5	ug/l	W. A.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	1	ug/l	Env. Lab.
0	CHLOROFORM	LT	1	ug/l	Env. Lab.
0	CHLOROFORM	LT	1	ug/l	W. A.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	1	ug/l	Env. Lab.
0	BROMOMETHANE	LT	1	ug/l	Env. Lab.
0	CHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	CHLORIDE		3000	ug/l	Env. Lab.
0	CHLORIDE		7700	ug/l	W. A.
0	CHLORIDE		3100	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	COBALT	LT	50	ug/l	W. A.
0	CHROMIUM	LT	50	ug/l	Env. Lab.
1	CHROMIUM		23	ug/l	W. A.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	20	ug/l	Env. Lab.
0	COPPER	LT	25	ug/l	W. A.
0	COPPER		5	ug/l	Env. Eng.
0	COPPER		4	ug/l	Env. Eng.
0	CHLOROETHENE	LT	1	ug/l	Env. Lab.
0	CHLOROETHANE	LT	1	ug/l	Env. Lab.
0	BENZENE	LT	1	ug/l	Env. Lab.
0	DIBROMOCHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	ETHYLBENZENE	LT	1	ug/l	Env. Lab.
0	FLUORIDE	LT	100	ug/l	Env. Lab.
0	FLUORIDE	LT	100	ug/l	W. A.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		80	ug/l	Env. Lab.
0	IRON	LT	100	ug/l	W. A.
0	IRON		35	ug/l	Env. Eng.
0	IRON		38	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Lab.
0	MERCURY	LT	0.20	ug/l	W. A.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	1000	ug/l	Env. Lab.
0	POTASSIUM	LT	5000	ug/l	W. A.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	LITHIUM	LT	50	ug/l	W. A.
0	TOLUENE	LT	1	ug/l	Env. Lab.
0	MAGNESIUM		570	ug/l	Env. Lab.
0	MAGNESIUM	LT	5000	ug/l	W. A.
0	MAGNESIUM		604	ug/l	Env. Eng.
0	MAGNESIUM		609	ug/l	Env. Eng.
0	MANGANESE	LT	20	ug/l	Env. Lab.
0	MANGANESE	LT	15	ug/l	W. A.
0	MANGANESE		9	ug/l	Env. Eng.
0	MANGANESE		9	ug/l	Env. Eng.

CONTINUED

WELL FNB 4 COLLECTED ON 03/10/89 LABORATORY ANALYSES CONTINUED

0	SODIUM		2400	ug/l	Env. Lab
0	SODIUM	LT	5000	ug/l	W. A.
0	SODIUM		2480	ug/l	Env. Eng
0	SODIUM		2390	ug/l	Env. Eng
0	NICKEL	LT	50	ug/l	Env. Lab.
0	NICKEL	LT	40	ug/l	W. A
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng
0	NITRATE AS NITROGEN		1600	ug/l	Env. Lab
0	NITRATE AS NITROGEN		1500	ug/l	W. A.
0	NITRATE AS NITROGEN		1390	ug/l	Env. Eng.
0	LEAD	LT	100	ug/l	Env. Lab
0	LEAD	LT	5	ug/l	W. A.
0	LEAD	LT	6	ug/l	Env. Eng
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Lab
0	PHENOLS	LT	5	ug/l	W. A.
0	PHENOLS	LT	5	ug/l	Env. Eng
0	ANTIMONY	LT	60	ug/l	W. A.
0	SELENIUM	LT	10	ug/l	Env. Lab.
0	SELENIUM	LT	5	ug/l	W. A.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		8210	ug/l	Env. Lab
1	SILICA		3270	ug/l	W. A.
1	SILICA		7100	ug/l	Env. Eng
0	TIN	LT	100	ug/l	W. A.
0	SULFATE	LT	5000	ug/l	Env. Lab
0	SULFATE	LT	5000	ug/l	W. A.
0	SULFATE	LT	5000	ug/l	Env. Eng
0	1,1,2,2-TETRACHLOROETHANE	LT	1	ug/l	Env. Lab
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Lab.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	W. A.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng
0	TOTAL DISSOLVED SOLIDS		28000	ug/l	Env. Lab.
0	TOTAL DISSOLVED SOLIDS		26000	ug/l	W. A.
0	TOTAL DISSOLVED SOLIDS		18000	ug/l	Env. Eng
0	THALLIUM	LT	10	ug/l	W. A.
0	TOTAL ORGANIC CARBON	LT	5000	ug/l	Env. Lab
0	TOTAL ORGANIC CARBON	LT	500	ug/l	W. A.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng
0	TOTAL ORGANIC HALOGENS	LT	10	ug/l	Env. Lab
0	TOTAL ORGANIC HALOGENS	LT	20	ug/l	W. A.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng
0	TOTAL PHOSPHATES		120	ug/l	Env. Lab
0	TOTAL PHOSPHATES		51	ug/l	W. A.
0	TOTAL PHOSPHATES	LT	100	ug/l	W. A
0	TOTAL PHOSPHATES		20	ug/l	Env. Eng
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Lab
0	TRICHLOROETHYLENE	LT	1.00	ug/l	W. A.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	Env. Lab.
0	URANIUM	LT	1000	ug/l	W. A.
0	VANADIUM	LT	50	ug/l	W. A.
0	XYLENES	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Lab
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	W. A.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng
0	1,1,2-TRICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROPROPANE	LT	1	ug/l	Env. Lab.
0	1,3-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	CIS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab
0	TRANS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab
0	1,4-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	2-CHLOROETHYLVINYL ETHER	LT	1	ug/l	Env. Lab
0	ZINC		20	ug/l	Env. Lab
0	ZINC		28	ug/l	W. A.
0	ZINC		29	ug/l	Env. Eng
0	ZINC		31	ug/l	Env. Eng
1	GROSS ALPHA		12.44+-3.06	pCi/l	Env. Lab
1	GROSS ALPHA		5.00+-3.00	pCi/l	W. A
0	GROSS ALPHA		2.29+-0.78	pCi/l	Rad. Meas
0	NONVOLATILE BETA		7.18+-2.79	pCi/l	Env. Lab.
1	NONVOLATILE BETA		10.00+-3.00	pCi/l	W. A.
0	NONVOLATILE BETA		2.19+-0.80	pCi/l	Rad. Meas
0	TOTAL RADIUM		2.29+-0.35	pCi/l	Env. Lab
0	TOTAL RADIUM		1.10+-0.40	pCi/l	W. A.
0	TOTAL RADIUM		1.44+-1.03	pCi/l	Rad. Meas
0	TRITIUM		4.67+-0.59	pCi/ml	Env. Lab
0	TRITIUM		8.20+-0.70	pCi/ml	W. A
0	TRITIUM		8.14+-0.33	pCi/ml	Rad. Meas

WELL FNB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/10/89 Time 1010
Depth to water = 81.53 ft (24.85 m) below the TOC
Water elevation = 209.97 ft (64.00 m) msl
pH = 4.7 Alkalinity = 1 mg/L
Specific Conductance = 31 umhos/cm
Water Temperature = 17.6 degrees Celsius
Water evacuated from the well prior to sampling = 79 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		33.60	UMHC	Env. Eng
0	PH		4.62	pH	Env. Eng
0	SILVER	LT	2	ug/l	Env. Eng
0	SILVER	LT	2	ug/l	Env. Eng
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng
0	BARIUM		8	ug/l	Env. Eng

CONTINUED

WELL FNB 4 COLLECTED ON 03/10/89 LABORATORY ANALYSES CONTINUED

0	BERYLLIUM	LT	5	ug/l	Env. Eng.
0	CALCIUM		597	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		3000	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		4	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		48	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	MAGNESIUM		620	ug/l	Env. Eng.
0	MANGANESE		10	ug/l	Env. Eng.
0	SODIUM		2470	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1400	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		7170	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		18000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		31	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	ZINC		31	ug/l	Env. Eng.
0	GROSS ALPHA		2.48+-0.87	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.17+-0.91	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.92+-0.99	pCi/l	Rad. Meas.
0	TRITIUM		5.61+-0.30	pCi/ml	Rad. Meas.

WELL FSB 76

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/14/89 Time 1135
pH = 4.8 Alkalinity = 1 mg/L
Specific Conductance = 109 umhos/cm
Water Temperature = 20.5 degrees Celsius
Water evacuated from the well prior to sampling = 49 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		110.0	UMHC	Env. Eng.
0	PH		5.01	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		15	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		1670	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2670	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
2	COPPER		633	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		150	ug/l	Env. Eng.
0	FLUORIDE		150	ug/l	Env. Eng.
0	IRON		27	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		1300	ug/l	Env. Eng.
0	MANGANESE		10	ug/l	Env. Eng.
1	SODIUM		13600	ug/l	Env. Eng.
0	NICKEL		7	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		10200	ug/l	Env. Eng.
2	LEAD		67	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		6460	ug/l	Env. Eng.
1	SILICA		6480	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		72000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.

CONTINUED

WELL FSB 76 COLLECTED ON 02/14/89 LABORATORY ANALYSES CONTINUED

0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
1	ZINC		676	ug/l	Env. Eng.
1	GROSS ALPHA		5.07+-1.36	pCi/l	HP, 735A
1	GROSS ALPHA		9.97+-1.80	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		13.90+-2.88	pCi/l	HP, 735A
1	NONVOLATILE BETA		21.70+-1.79	pCi/l	Rad. Meas
1	TOTAL RADIUM		4.38+-0.96	pCi/l	Rad. Meas.
2	TRITIUM		969+-19.5	pCi/ml	HP, 735A
2	TRITIUM		956+-5.41	pCi/ml	Rad. Meas.

WELL FSB 76A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/14/89 Time 1200
Depth to water = 139.48 ft (42.51 m) below the TOC
Water elevation = 154.42 ft (47.07 m) msl
pH = 6.2 Alkalinity = 43 mg/L
Specific Conductance = 119 umhos/cm
Water Temperature = 20.5 degrees Celsius
Water evacuated from the well prior to sampling = 306 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		108.0	UMHC	Env. Eng.
0	PH		6.09	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		23	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		15900	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2650	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		15	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		250	ug/l	Env. Eng.
0	IRON		21	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		2150	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		530	ug/l	Env. Eng.
0	MANGANESE		3	ug/l	Env. Eng.
0	SODIUM		1860	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		26400	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE		9380	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		116000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1900	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
1	TOTAL PHOSPHATES		363	ug/l	Env. Eng.
1	TOTAL PHOSPHATES		365	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.

CONTINUED

WELL FSB 76A COLLECTED ON 02/14/89 LABORATORY ANALYSES CONTINUED

0	ZINC		13	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		3.24+-0.98	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM	LT	1	pCi/ml	Rad. Meas.

WELL FSB 76B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/11/89 Time 1030
Depth to water = 143.56 ft (43.76 m) below the TOC
Water elevation = 150.24 ft (45.79 m) msl
pH = 6.9 Alkalinity = 53 mg/L
Specific Conductance = 133 umhos/cm
Water Temperature = 18.9 degrees Celsius
Water evacuated from the well prior to sampling = 176 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		130.0	UMHC	Env. Lab.
1	SPECIFIC CONDUCTANCE		125.0	UMHC	W. A.
1	SPECIFIC CONDUCTANCE		119.0	UMHC	Env. Eng.
1	PH		6.80	pH	Env. Lab.
1	PH		6.90	pH	W. A.
1	PH		6.66	pH	Env. Eng.
0	SILVER	LT	10	ug/l	Env. Lab.
0	SILVER	LT	10	ug/l	W. A.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	200	ug/l	W. A.
0	ARSENIC	LT	5	ug/l	Env. Lab.
0	ARSENIC	LT	10	ug/l	W. A.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	100	ug/l	Env. Lab.
0	BARIUM	LT	200	ug/l	W. A.
0	BARIUM		21	ug/l	Env. Eng.
0	BERYLLIUM	LT	5	ug/l	W. A.
0	BROMODICHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	BROMODICHLOROMETHANE	LT	5	ug/l	W. A.
0	BROMODICHLOROMETHANE	LT	5	ug/l	W. A.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		23000	ug/l	Env. Lab.
1	CALCIUM		20100	ug/l	W. A.
1	CALCIUM		25300	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	1	ug/l	Env. Lab.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	W. A.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	W. A.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Lab.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	W. A.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	W. A.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	10	ug/l	Env. Lab.
0	CADMIUM	LT	5	ug/l	W. A.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	1	ug/l	Env. Lab.
0	BROMOFORM	LT	5	ug/l	W. A.
0	BROMOFORM	LT	5	ug/l	W. A.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Lab.
0	CHLOROFORM	LT	5	ug/l	W. A.
0	CHLOROFORM	LT	5	ug/l	W. A.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	1	ug/l	Env. Lab.
0	METHYLENE CHLORIDE	LT	5	ug/l	W. A.
1	METHYLENE CHLORIDE	B	6	ug/l	W. A.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	1	ug/l	Env. Lab.
0	BROMOMETHANE	LT	10	ug/l	W. A.
0	BROMOMETHANE	LT	10	ug/l	W. A.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	CHLOROMETHANE	LT	10	ug/l	W. A.
0	CHLOROMETHANE	LT	10	ug/l	W. A.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3000	ug/l	Env. Lab.
0	CHLORIDE	LT	5000	ug/l	W. A.
0	CHLORIDE		2600	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	CHLOROBENZENE	LT	5	ug/l	W. A.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	50	ug/l	Env. Lab.
0	COBALT	LT	50	ug/l	W. A.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	50	ug/l	Env. Lab.
1	CHROMIUM		17	ug/l	W. A.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	20	ug/l	Env. Lab.
0	COPPER	LT	25	ug/l	W. A.
0	COPPER		13	ug/l	Env. Eng.
0	CYANIDE	LT	20	ug/l	Env. Lab.
0	CYANIDE	LT	10	ug/l	W. A.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	1	ug/l	Env. Lab.
0	CHLOROETHENE	LT	10	ug/l	W. A.
0	CHLOROETHENE	LT	10	ug/l	W. A.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	1	ug/l	Env. Lab.
0	CHLOROETHANE	LT	10	ug/l	W. A.
0	CHLOROETHANE	LT	10	ug/l	W. A.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	1	ug/l	Env. Lab.
0	BENZENE	LT	5	ug/l	W. A.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	W. A.

CONTINUED

WELL FSB 76B COLLECTED ON 03/11/89 LABORATORY ANALYSES CONTINUED

0	DIBROMOCHLOROMETHANE	LT	5	ug/l	W. A.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.05	ug/l	Env. Lab.
0	ENDRIN	LT	0.11	ug/l	W. A.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	1	ug/l	Env. Lab.
0	ETHYLBENZENE	LT	5	ug/l	W. A.
0	ETHYLBENZENE	LT	5	ug/l	W. A.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		130	ug/l	Env. Lab.
0	FLUORIDE		110	ug/l	W. A.
0	FLUORIDE		120	ug/l	W. A.
0	FLUORIDE		130	ug/l	Env. Eng.
0	IRON	LT	50	ug/l	Env. Lab.
0	IRON	LT	100	ug/l	W. A.
0	IRON		21	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Lab.
2	MERCURY		2.00	ug/l	W. A.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	1000	ug/l	Env. Lab.
0	POTASSIUM	LT	5000	ug/l	W. A.
0	POTASSIUM		770	ug/l	Env. Eng.
0	LITHIUM	LT	50	ug/l	W. A.
0	LINDANE	LT	0.05	ug/l	Env. Lab.
0	LINDANE	LT	0.05	ug/l	W. A.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	1	ug/l	Env. Lab.
0	TOLUENE	LT	5	ug/l	W. A.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.05	ug/l	Env. Lab.
0	METHOXYCHLOR	LT	0.54	ug/l	W. A.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		610	ug/l	Env. Lab.
0	MAGNESIUM	LT	5000	ug/l	W. A.
0	MAGNESIUM		642	ug/l	Env. Eng.
0	MANGANESE	LT	20	ug/l	Env. Lab.
0	MANGANESE	LT	15	ug/l	W. A.
0	MANGANESE		3	ug/l	Env. Eng.
0	SODIUM		1500	ug/l	Env. Lab.
0	SODIUM	LT	5000	ug/l	W. A.
0	SODIUM		1430	ug/l	Env. Eng.
0	NICKEL	LT	50	ug/l	Env. Lab.
0	NICKEL	LT	40	ug/l	W. A.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		900	ug/l	Env. Lab.
0	NITRATE AS NITROGEN		480	ug/l	W. A.
0	NITRATE AS NITROGEN		545	ug/l	Env. Eng.
0	LEAD	LT	100	ug/l	Env. Lab.
0	LEAD	LT	5	ug/l	W. A.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Lab.
0	PHENOLS	LT	5	ug/l	W. A.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	200	ug/l	Env. Lab.
0	ANTIMONY	LT	60	ug/l	W. A.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	10	ug/l	Env. Lab.
0	SELENIUM	LT	5	ug/l	W. A.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		16880	ug/l	Env. Lab.
1	SILICA		8150	ug/l	W. A.
1	SILICA		17100	ug/l	Env. Eng.
0	SILVEX	LT	0.50	ug/l	Env. Lab.
0	SILVEX	LT	0.53	ug/l	W. A.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	TIN	LT	100	ug/l	W. A.
0	SULFATE		6000	ug/l	Env. Lab.
0	SULFATE	LT	5000	ug/l	W. A.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,2,2-TETRACHLOROETHANE	LT	5	ug/l	W. A.
0	1,1,2,2-TETRACHLOROETHANE	LT	5	ug/l	W. A.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Lab.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	W. A.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	W. A.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		84000	ug/l	Env. Lab.
0	TOTAL DISSOLVED SOLIDS		92000	ug/l	W. A.
0	TOTAL DISSOLVED SOLIDS		84000	ug/l	Env. Eng.
0	THALLIUM	LT	100	ug/l	Env. Lab.
0	THALLIUM	LT	10	ug/l	W. A.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	5000	ug/l	Env. Lab.
0	TOTAL ORGANIC CARBON		930	ug/l	W. A.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	10	ug/l	Env. Lab.
0	TOTAL ORGANIC HALOGENS	LT	20	ug/l	W. A.
0	TOTAL ORGANIC HALOGENS		7	ug/l	Env. Eng.
1	TOTAL PHOSPHATES		330	ug/l	Env. Lab.
1	TOTAL PHOSPHATES		330	ug/l	W. A.
1	TOTAL PHOSPHATES		389	ug/l	Env. Eng.
1	TOTAL PHOSPHATES		393	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Lab.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	W. A.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	0.05	ug/l	Env. Lab.
0	TOXAPHENE	LT	1	ug/l	W. A.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	Env. Lab.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	W. A.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	W. A.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	URANIUM	LT	1000	ug/l	W. A.
0	VANADIUM	LT	1000	ug/l	Env. Lab.
0	VANADIUM	LT	50	ug/l	W. A.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	XYLENES	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	Env. Lab.

CONTINUED

WELL FSB 76B COLLECTED ON 03/11/89 LABORATORY ANALYSES CONTINUED

0	1,1-DICHLOROETHYLENE	LT	5	ug/l	W. A.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHANE	LT	5	ug/l	W. A.
0	1,1-DICHLOROETHANE	LT	5	ug/l	W. A.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	W. A.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	W. A.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	W. A.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	W. A.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROETHANE	LT	5	ug/l	W. A.
0	1,2-DICHLOROETHANE	LT	5	ug/l	W. A.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROPROPANE	LT	5	ug/l	W. A.
0	1,2-DICHLOROPROPANE	LT	5	ug/l	W. A.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	1,3-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	CIS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	W. A.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	W. A.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	W. A.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	W. A.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	1,4-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	2-CHLOROETHYLVINYL ETHER	LT	1	ug/l	Env. Lab.
0	2-CHLOROETHYLVINYL ETHER	LT	5	ug/l	W. A.
0	2-CHLOROETHYLVINYL ETHER	LT	5	ug/l	W. A.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.50	ug/l	Env. Lab.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	1	ug/l	W. A.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	2,4,5-TRICHLOROPHENOXYACETIC ACID	LT	0.53	ug/l	W. A.
0	ZINC	LT	10	ug/l	Env. Lab.
0	ZINC		46	ug/l	W. A.
0	ZINC		19	ug/l	Env. Eng.
0	GROSS ALPHA	LT	2	pCi/l	Env. Lab.
0	GROSS ALPHA		0.00+-5.00	pCi/l	W. A.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Env. Lab.
0	NONVOLATILE BETA		7.00+-3.00	pCi/l	W. A.
0	NONVOLATILE BETA		0.88+-0.81	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	0.62	pCi/l	Env. Lab.
0	TOTAL RADIUM		0.50+-0.30	pCi/l	W. A.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM	LT	1	pCi/ml	Env. Lab.
0	TRITIUM		0.00+-0.60	pCi/ml	W. A.
0	TRITIUM		0.31+-0.22	pCi/ml	Rad. Meas.

WELL FSB 76B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/11/89 Time 1030
Depth to water = 143.58 ft (43.76 m) below the TOC
Water elevation = 150.24 ft (45.79 m) msl
pH = 6.9 Alkalinity = 53 mg/L
Specific Conductance = 133 umhos/cm
Water Temperature = 18.9 degrees Celsius
Water evacuated from the well prior to sampling = 176 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		118.0	UMHC	Env. Eng.
1	PH		6.54	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		19	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		22400	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2800	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		13	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		160	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		784	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		538	ug/l	Env. Eng.

CONTINUED

WELL FSB 76B COLLECTED ON 03/11/89 LABORATORY ANALYSES CONTINUED

0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		1500	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		547	ug/l	Env. Eng.
0	LEAD		7	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		18200	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		88000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
1	TOTAL PHOSPHATES		349	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		23	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.66+-0.39	pCi/l	Rad. Meas.
0	TRITIUM	LT	1	pCi/ml	Rad. Meas.

WELL FSB 76C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/14/89 Time 1215
Depth to water = 82.97 ft (25.29 m) below the TOC
Water elevation = 210.63 ft (64.20 m) msl
pH = 5.4 Alkalinity = 11 mg/L
Specific Conductance = 47 umhos/cm
Water Temperature = 20.1 degrees Celsius
Water evacuated from the well prior to sampling = 196 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		55.20	UMHC	Env. Eng.
0	PH		5.61	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		8	ug/l	Env. Eng.
0	BARIUM		8	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		4280	ug/l	Env. Eng.
0	CALCIUM		4480	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2640	ug/l	Env. Eng.
0	CHLORIDE		2610	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
1	COPPER		65	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		322	ug/l	Env. Eng.
0	MAGNESIUM		332	ug/l	Env. Eng.
0	MANGANESE		12	ug/l	Env. Eng.
0	MANGANESE		12	ug/l	Env. Eng.
0	SODIUM		1930	ug/l	Env. Eng.
0	SODIUM		1950	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1260	ug/l	Env. Eng.

CONTINUED

WELL FSB 76C COLLECTED ON 02/14/89 LABORATORY ANALYSES CONTINUED

0	NITRATE AS NITROGEN		1280	ug/l	Env. Eng.
0	LEAD		6	ug/l	Env. Eng.
0	LEAD		8	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		9060	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		34000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1400	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		50	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		51	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		20	ug/l	Env. Eng.
0	GROSS ALPHA		0.31+-0.34	pCi/l	HP, 735A
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		0.98+-0.91	pCi/l	HP, 735A
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		0.97+-0.84	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		3.02+-0.70	pCi/ml	HP, 735A
0	TRITIUM		2.12+-0.25	pCi/ml	Rad. Meas.
0	TRITIUM		2.25+-0.26	pCi/ml	Rad. Meas.

WELL FSB 77

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/14/89 Time 1635
Depth to water = 62.52 ft (19.06 m) below the TOC
Water elevation = 210.78 ft (64.25 m) msl
pH = 3.4 Alkalinity = 0 mg/L
Specific Conductance = 221 umhos/cm
Water Temperature = 21.0 degrees Celsius
Water evacuated from the well prior to sampling = 63 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		191.0	UMHC	Env. Eng.
1	PH		3.65	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		41	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		681	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		1430	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
1	COPPER		180	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		390	ug/l	Env. Eng.
0	IRON		26	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		573	ug/l	Env. Eng.
2	MANGANESE		64	ug/l	Env. Eng.
1	SODIUM		7820	ug/l	Env. Eng.
0	NICKEL		4	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		19600	ug/l	Env. Eng.
1	LEAD		21	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		11700	ug/l	Env. Eng

CONTINUED

WELL FSB 77 COLLECTED ON 02/14/89 LABORATORY ANALYSES CONTINUED

0	SILVEX	LT	0.09	ug/l	Env. Eng
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng
0	TOTAL DISSOLVED SOLIDS		70000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng
0	ZINC		41	ug/l	Env. Eng.
0	ZINC		44	ug/l	Env. Eng.
2	GROSS ALPHA		212+- 32	pCi/l	HP, 735A
2	GROSS ALPHA		131+-6.99	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		293+-21.8	pCi/l	HP, 735A
2	NONVOLATILE BETA		250+-6.52	pCi/l	Rad. Meas.
2	TOTAL RADIUM		7.76+-1.19	pCi/l	Rad. Meas.
2	TRITIUM		1860+-38.4	pCi/ml	HP, 735A
2	TRITIUM		1884+-8.07	pCi/ml	Rad. Meas.

WELL FSB 78

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/25/89 Time 1335
Depth to water = 65.53 ft (19.97 m) below the TOC
Water elevation = 207.07 ft (63.12 m) msl
pH = 3.1 Alkalinity = 0 mg/L
Specific Conductance = 3400 umhos/cm
Water Temperature = 20.5 degrees Celsius
Water evacuated from the well prior to sampling = 51 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		3120	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		3030	UMHC	Env. Eng.
2	PH		2.72	pH	Env. Eng.
2	PH		2.75	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng
0	ARSENIC	LT	4	ug/l	Env. Eng.
1	BARIUM		201	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		3720	ug/l	Env. Eng
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng
0	CADMIUM	LT	2	ug/l	Env. Eng
0	BROMOFORM	LT	10	ug/l	Env. Eng
0	CHLOROFORM	LT	5	ug/l	Env. Eng
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng
0	BROMOMETHANE	LT	10	ug/l	Env. Eng
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng
0	CHLORIDE	LT	1000	ug/l	Env. Eng
0	CHLORIDE	LT	1000	ug/l	Env. Eng
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng
1	COBALT		26	ug/l	Env. Eng
1	CHROMIUM		15	ug/l	Env. Eng
1	COPPER		74	ug/l	Env. Eng.
1	CYANIDE		15	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
1	FLUORIDE		500	ug/l	Env. Eng.
0	IRON		100	ug/l	Env. Eng.
0	MERCURY		0.32	ug/l	Env. Eng
0	POTASSIUM		1610	ug/l	Env. Eng
0	LINDANE	LT	0.05	ug/l	Env. Eng
0	LINDANE	LT	0.05	ug/l	Env. Eng
0	TOLUENE	LT	5	ug/l	Env. Eng
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng
0	MAGNESIUM		781	ug/l	Env. Eng
2	MANGANESE		703	ug/l	Env. Eng
1	SODIUM		268000	ug/l	Env. Eng
1	NICKEL		45	ug/l	Env. Eng
2	NITRATE AS NITROGEN		355200	ug/l	Env. Eng
0	LEAD	LT	1200	ug/l	Env. Eng
0	PHENOLS	LT	5	ug/l	Env. Eng
0	ANTIMONY	LT	3	ug/l	Env. Eng
2	SELENIUM		8	ug/l	Env. Eng
1	SILICA		163000	ug/l	Env. Eng
0	SILVEX	LT	0.09	ug/l	Env. Eng
0	SULFATE	LT	25000	ug/l	Env. Eng
0	SULFATE	LT	25000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng
0	TOTAL DISSOLVED SOLIDS		1700000	ug/l	Env. Eng
0	TOTAL DISSOLVED SOLIDS		1684000	ug/l	Env. Eng
0	THALLIUM	LT	2	ug/l	Env. Eng
0	TOTAL ORGANIC CARBON		3600	ug/l	Env. Eng

CONTINUED

WELL FSB 78 COLLECTED ON 02/25/89 LABORATORY ANALYSES CONTINUED

0	TOTAL ORGANIC CARBON		3600	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		6	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		271	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		132	ug/l	Env. Eng.
2	GROSS ALPHA		1070+- 186	pCi/l	HP, 735A
2	GROSS ALPHA		1170+-75.1	pCi/l	Rad. Meas.
2	GROSS ALPHA		1140+-75.2	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		2310+- 177	pCi/l	HP, 735A
2	NONVOLATILE BETA		2500+-66.4	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		2420+-65.4	pCi/l	Rad. Meas.
2	TOTAL RADIUM		13.00+-1.70	pCi/l	Rad. Meas.
2	TOTAL RADIUM		14.40+-1.81	pCi/l	Rad. Meas.
2	TRITIUM		33600+- 673	pCi/ml	HP, 735A
2	TRITIUM		37700+- 217	pCi/ml	Rad. Meas.
2	TRITIUM		36700+- 200	pCi/ml	Rad. Meas.

WELL FSB 78A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/07/89 Time 1210
Depth to water = 117.96 ft (35.95 m) below the TOC
Water elevation = 154.64 ft (47.13 m) msl
pH = 6.2 Alkalinity = 36 mg/L
Specific Conductance = 107 umhos/cm
Water Temperature = 19.4 degrees Celsius
Water evacuated from the well prior to sampling = 342 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		127.0	UMHC	Env. Eng.
0	PH		6.43	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		24	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		17100	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2500	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		10	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		160	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1480	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		570	ug/l	Env. Eng.
0	MANGANESE		11	ug/l	Env. Eng.
0	SODIUM		2020	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		257	ug/l	Env. Eng.
0	LEAD		8	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		24700	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE		7200	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		104	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		92000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		189	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		58.0	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
1	VANADIUM		2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.

CONTINUED

WELL FSB 78A COLLECTED ON 03/07/89 LABORATORY ANALYSES CONTINUED

0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		17	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		3.92+-1.06	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
2	TRITIUM		22.60+-3.54	pCi/ml	Rad. Meas.

WELL FSB 78B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/25/89 Time 1350
Depth to water = 119.49 ft (36.42 m) below the TOC
Water elevation = 153.31 ft (46.73 m) msl
pH = 7.2 Alkalinity = 55 mg/L
Specific Conductance = 210 umhos/cm
Water Temperature = 19.6 degrees Celsius
Water evacuated from the well prior to sampling = 184 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		215.0	UMHC	Env. Eng.
1	PH		7.98	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		44	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		34300	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2300	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		11	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		931	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		726	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		3580	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
1	NITRATE AS NITROGEN		6600	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		16000	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		190000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		115	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		19	ug/l	Env. Eng.
0	GROSS ALPHA		0.65+-2.27	pCi/l	HP, 735A
0	GROSS ALPHA		1.09+-1.00	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		9.94+-2.09	pCi/l	HP, 735A
1	NONVOLATILE BETA		13.40+-1.51	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.50+-0.42	pCi/l	Rad. Meas.
2	TRITIUM		196+-4.05	pCi/ml	HP, 735A
2	TRITIUM		193+-2.32	pCi/ml	Rad. Meas.

WELL FSB 78C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/19/89 Time 1155
Depth to water = 87.30 ft (20.51 m) below the TOC
Water elevation = 206.20 ft (62.85 m) msl
pH = 4.3 Alkalinity = 0 mg/L
Specific Conductance = 2200 umhos/cm
Water Temperature = 19.1 degrees Celsius
Water evacuated from the well prior to sampling = 25 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		1860	UMHC	Env. Eng.
0	PH		4.28	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
1	ARSENIC		7	ug/l	Env. Eng.
1	BARIUM		456	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		142000	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
2	CADMIUM		16	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE	LT	1000	ug/l	Env. Eng.
0	CHLORIDE	LT	1000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
1	COBALT		63	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
1	COPPER		71	ug/l	Env. Eng.
1	CYANIDE		7	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
1	FLUORIDE		1900	ug/l	Env. Eng.
0	IRON		124	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		3680	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
1	MAGNESIUM		33500	ug/l	Env. Eng.
2	MANGANESE		6350	ug/l	Env. Eng.
1	SODIUM		116000	ug/l	Env. Eng.
1	NICKEL		99	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		241000	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		242000	ug/l	Env. Eng.
2	LEAD		31	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		14500	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		1420000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1700	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		8	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		107	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		100	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
1	ZINC		471	ug/l	Env. Eng.
2	GROSS ALPHA		134+-53.8	pCi/l	HP, 735A
2	GROSS ALPHA		57.30+-19.8	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		2100+- 158	pCi/l	HP, 735A
2	NONVOLATILE BETA		1483+-50.3	pCi/l	Rad. Meas.
2	TOTAL RADIUM		39.80+-3.10	pCi/l	Rad. Meas.
2	TRITIUM		8830+- 178	pCi/ml	HP, 735A
2	TRITIUM		10400+- 110	pCi/ml	Rad. Meas.

WELL FSB 79

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/14/89 Time 1810
Depth to water = 16.66 ft (5.08 m) below the TOC
Water elevation = 201.14 ft (61.31 m) msl
pH = 3.1 Alkalinity = 0 mg/L
Specific Conductance = 1880 umhos/cm
Water Temperature = 19.4 degrees Celsius
Water evacuated from the well prior to sampling = 70 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		1860	UMHC	Env. Eng
1	PH		3.25	pH	Env. Eng
0	SILVER	LT	2	ug/l	Env. Eng
0	SILVER	LT	2	ug/l	Env. Eng
2	ARSENIC		51	ug/l	Env. Eng
2	ARSENIC		48	ug/l	Env. Eng
1	BARIUM		406	ug/l	Env. Eng
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng
0	CALCIUM		2290	ug/l	Env. Eng
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng
0	CADMIUM		2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng
0	CHLORIDE	LT	1000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
1	CHROMIUM		5	ug/l	Env. Eng.
1	COPPER		49	ug/l	Env. Eng
1	CYANIDE		9	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng
0	ENDRIN	LT	0.10	ug/l	Env. Eng
0	ENDRIN	LT	0.10	ug/l	Env. Eng
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
1	FLUORIDE		1000	ug/l	Env. Eng.
1	IRON		224	ug/l	Env. Eng
0	MERCURY		0.32	ug/l	Env. Eng
0	POTASSIUM		2150	ug/l	Env. Eng
0	LINDANE	LT	0.05	ug/l	Env. Eng
0	LINDANE	LT	0.05	ug/l	Env. Eng
0	TOLUENE	LT	5	ug/l	Env. Eng
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng
0	MAGNESIUM		1360	ug/l	Env. Eng.
2	MANGANESE		3650	ug/l	Env. Eng
1	SODIUM		109000	ug/l	Env. Eng.
1	NICKEL		38	ug/l	Env. Eng
2	NITRATE AS NITROGEN		234400	ug/l	Env. Eng
0	LEAD	LT	6	ug/l	Env. Eng
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng
1	SILICA		84800	ug/l	Env. Eng
0	SILVEX	LT	0.09	ug/l	Env. Eng
0	SULFATE	LT	5000	ug/l	Env. Eng
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		7.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		846000	ug/l	Env. Eng
0	THALLIUM	LT	2	ug/l	Env. Eng
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		2300	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		6	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		198	ug/l	Env. Eng
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng
0	TOXAPHENE	LT	1	ug/l	Env. Eng
0	TOXAPHENE	LT	1	ug/l	Env. Eng
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng
0	VANADIUM	LT	2	ug/l	Env. Eng
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng
0	ZINC		118	ug/l	Env. Eng
2	GROSS ALPHA		772+- 145	pCi/l	HP, 735A
2	GROSS ALPHA		404+-38.4	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		1270+- 104	pCi/l	HP, 735A
2	NONVOLATILE BETA		1030+-41.8	pCi/l	Rad. Meas.
2	TOTAL RADIUM		38.60+-2.94	pCi/l	Rad. Meas.
2	TRITIUM		21600+- 434	pCi/ml	HP, 735A
2	TRITIUM		23100+- 160	pCi/ml	Rad. Meas.

WELL FSB 79A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/14/89 Time 1745
Depth to water = 61.94 ft (18.88 m) below the TOC
Water elevation = 156.16 ft (47.60 m) msl
pH = 5.8 Alkalinity = 29 mg/L
Specific Conductance = 78 umhos/cm
Water Temperature = 20.0 degrees Celsius
Water evacuated from the well prior to sampling = 344 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		80.70	UMHC	Env. Eng.
0	PH		6.01	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		19	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		10700	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2470	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		11	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		140	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		920	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		497	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		1570	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		226	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		18100	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		78000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		170	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		9	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.43+-0.89	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
1	TRITIUM		12.30+-0.38	pCi/ml	Rad. Meas.

WELL FSB 79B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/14/89 Time 1730
Depth to water = 62.09 ft (18.93 m) below the TOC
Water elevation = 156.11 ft (47.58 m) msl
pH = 6.5 Alkalinity = 68 mg/L
Specific Conductance = 159 umhos/cm
Water Temperature = 19.8 degrees Celsius
Water evacuated from the well prior to sampling = 196 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		149.0	UMHC	Env. Eng.
1	PH		6.66	pH	Env. Eng.
1	PH		6.66	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		29	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		27000	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2310	ug/l	Env. Eng.
0	CHLORIDE		2310	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		12	ug/l	Env. Eng.
1	CYANIDE		33	ug/l	Env. Eng.
1	CYANIDE		29	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		210	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		604	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		534	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		1720	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		727	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		25600	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		130000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		17	ug/l	Env. Eng.
1	TOTAL PHOSPHATES		507	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.

CONTINUED

WELL FSB 79B COLLECTED ON 02/14/89 LABORATORY ANALYSES CONTINUED

0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		10	ug/l	Env. Eng.
0	GROSS ALPHA		0.94+-0.73	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.66+-1.00	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
1	TRITIUM		12.10+-0.38	pCi/ml	Rad. Meas.

WELL FSB 79C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/14/89 Time 1755
Depth to water = 22.28 ft (6.79 m) below the TOC
Water elevation = 196.12 ft (59.78 m) msl
pH = 3.3 Alkalinity = 0 mg/L
Specific Conductance = 1405 umhos/cm
Water Temperature = 19.6 degrees Celsius
Water evacuated from the well prior to sampling = 208 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		1500	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		1500	UMHC	Env. Eng.
1	PH		3.42	pH	Env. Eng.
1	PH		3.47	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
2	ARSENIC		30	ug/l	Env. Eng.
2	BARIUM		649	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		15000	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
2	CADMIUM		37	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE	LT	1000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
1	COBALT		108	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
1	COPPER		80	ug/l	Env. Eng.
1	CYANIDE		6	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
1	FLUORIDE		1400	ug/l	Env. Eng.
0	IRON		48	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		2790	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
1	MAGNESIUM		14800	ug/l	Env. Eng.
2	MANGANESE		2550	ug/l	Env. Eng.
1	SODIUM		115000	ug/l	Env. Eng.
1	NICKEL		37	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		167900	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		23300	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		798000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		54	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		62	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		146	ug/l	Env. Eng.
2	GROSS ALPHA		985+- 173	pCi/l	HP, 735A
2	GROSS ALPHA		592+-37.7	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		5550+- 383	pCi/l	HP, 735A
2	NONVOLATILE BETA		4700+-62.5	pCi/l	Rad. Meas.
2	TOTAL RADIUM		85.90+-4.46	pCi/l	Rad. Meas.
2	TRITIUM		11600+- 234	pCi/ml	HP, 735A
2	TRITIUM		12100+- 118	pCi/ml	Rad. Meas.

WELL FSB 87A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/07/89 Time 1115
Depth to water = 135.16 ft (41.20 m) below the TOC
Water elevation = 152.64 ft (46.53 m) msl
pH = 6.5 Alkalinity = 34 mg/L
Specific Conductance = 98 umhos/cm
Water Temperature = 19.5 degrees Celsius
Water evacuated from the well prior to sampling = 310 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		112.0	UMHC	Env. Eng.
0	PH		6.40	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		22	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		15800	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2600	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		10	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1230	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		562	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		2040	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		367	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		22800	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE		5500	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		86000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		289	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		7	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.43+-0.90	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
2	TRITIUM		28.00+-0.65	pCi/ml	Rad. Meas.

WELL FSB 87B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/22/89 Time 1220
Depth to water = 137.49 ft (41.91 m) below the TOC
Water elevation = 150.01 ft (45.72 m) msl
pH = 6.3 Alkalinity = 10 mg/L
Specific Conductance = 57 umhos/cm
Water Temperature = 20.0 degrees Celsius
Water evacuated from the well prior to sampling = 163 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		63.30	UMHC	Env. Eng.
0	PH		6.06	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		4	ug/l	Env. Eng.

CONTINUED

WELL FSB 87B COLLECTED ON 02/22/89 LABORATORY ANALYSES CONTINUED

0	BARIUM		4	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		7700	ug/l	Env. Eng.
0	CALCIUM		7000	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		10	ug/l	Env. Eng.
0	COPPER		9	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		400	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		786	ug/l	Env. Eng.
0	POTASSIUM		839	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		468	ug/l	Env. Eng.
0	MAGNESIUM		434	ug/l	Env. Eng.
0	MANGANESE		3	ug/l	Env. Eng.
0	MANGANESE		2	ug/l	Env. Eng.
0	SODIUM		2250	ug/l	Env. Eng.
0	SODIUM		2200	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		2570	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		11700	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		80000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
1	TOTAL PHOSPHATES		1420	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		16	ug/l	Env. Eng.
0	ZINC		10	ug/l	Env. Eng.
0	GROSS ALPHA		-0.04+-0.66	pCi/l	HP, 735A
0	GROSS ALPHA		1.01+-0.61	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		5.39+-1.08	pCi/l	HP, 735A
0	NONVOLATILE BETA		5.14+-0.78	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
2	TRITIUM		33.70+-1.39	pCi/ml	HP, 735A
2	TRITIUM		29.09+-0.67	pCi/ml	Rad. Meas.

WELL FSB 87C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/22/89 Time 1240
Depth to water = 80.84 ft (24.64 m) below the TOC
Water elevation = 206.66 ft (62.99 m) msl
pH = 6.5 Alkalinity = 9 mg/L
Specific Conductance = 162 umhos/cm
Water Temperature = 20.1 degrees Celsius
Water evacuated from the well prior to sampling = 155 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		161.0	UMHC	Env. Eng.
0	PH		6.02	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		27	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.

CONTINUED

WELL FSB 87C COLLECTED ON 02/22/89 LABORATORY ANALYSES CONTINUED

1	CALCIUM		10000	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2400	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		8	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		858	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		2120	ug/l	Env. Eng.
0	MANGANESE		10	ug/l	Env. Eng.
1	SODIUM		9400	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		16700	ug/l	Env. Eng.
0	LEAD		19	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		8290	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		190000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		7	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		21	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		14	ug/l	Env. Eng.
1	GROSS ALPHA		7.77+-3.42	pCi/l	HP, 735A
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		17.50+-2.55	pCi/l	HP, 735A
1	NONVOLATILE BETA		13.80+-1.30	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.22+-0.50	pCi/l	Rad. Meas.
2	TRITIUM		1120+-22.5	pCi/ml	HP, 735A
2	TRITIUM		929+-4.98	pCi/ml	Rad. Meas.

WELL FSB 87D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/18/89 Time 1315
The well was dry.

WELL FSB 88C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/11/89 Time 1130
Depth to water = 72.93 ft (22.23 m) below the TOC
Water elevation = 210.07 ft (64.03 m) msl
pH = 5.5 Alkalinity = 8 mg/L
Specific Conductance = 50 umhos/cm
Water Temperature = 19.8 degrees Celsius
Water evacuated from the well prior to sampling = 172 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		42.00	UMHC	Env. Lab
0	SPECIFIC CONDUCTANCE		45.40	UMHC	W. A
0	SPECIFIC CONDUCTANCE		46.30	UMHC	Env. Eng
0	PH		5.70	pH	Env. Lab
0	PH		5.70	pH	W. A
0	PH		5.62	pH	Env. Eng
0	SILVER	LT	10	ug/l	Env. Lab
0	SILVER	LT	10	ug/l	W. A
0	SILVER	LT	2	ug/l	Env. Eng
0	ALUMINUM	LT	200	ug/l	W. A
0	ARSENIC	LT	5	ug/l	Env. Lab

CONTINUED

WELL FSB 88C COLLECTED ON 03/11/89 LABORATORY ANALYSES CONTINUED

0	ARSENIC	LT	10	ug/l	W. A.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	100	ug/l	Env. Lab.
0	BARIUM	LT	200	ug/l	W. A.
0	BARIUM		13	ug/l	Env. Eng.
0	BERYLLIUM	LT	5	ug/l	W. A.
0	BROMODICHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	BROMODICHLOROMETHANE	LT	5	ug/l	W. A.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10	ug/l	Env. Lab.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10	ug/l	W. A.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10	ug/l	Env. Eng.
0	CALCIUM		4100	ug/l	Env. Lab.
0	CALCIUM	LT	5000	ug/l	W. A.
0	CALCIUM		3670	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	1	ug/l	Env. Lab.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	W. A.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Lab.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	W. A.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	10	ug/l	Env. Lab.
0	CADMIUM	LT	5	ug/l	W. A.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	1	ug/l	Env. Lab.
0	BROMOFORM	LT	5	ug/l	W. A.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Lab.
0	CHLOROFORM	LT	5	ug/l	W. A.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	1	ug/l	Env. Lab.
0	METHYLENE CHLORIDE	LT	5	ug/l	W. A.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	1	ug/l	Env. Lab.
0	BROMOMETHANE	LT	10	ug/l	W. A.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	CHLOROMETHANE	LT	10	ug/l	W. A.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3500	ug/l	Env. Lab.
0	CHLORIDE	LT	5000	ug/l	W. A.
0	CHLORIDE		3500	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	CHLOROBENZENE	LT	5	ug/l	W. A.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	50	ug/l	Env. Lab.
0	COBALT	LT	50	ug/l	W. A.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	50	ug/l	Env. Lab.
0	CHROMIUM	LT	10	ug/l	W. A.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	20	ug/l	Env. Lab.
0	COPPER	LT	25	ug/l	W. A.
0	COPPER		8	ug/l	Env. Eng.
0	CYANIDE	LT	20	ug/l	Env. Lab.
0	CYANIDE	LT	10	ug/l	W. A.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	1	ug/l	Env. Lab.
0	CHLOROETHENE	LT	10	ug/l	W. A.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	1	ug/l	Env. Lab.
0	CHLOROETHANE	LT	10	ug/l	W. A.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	1	ug/l	Env. Lab.
0	BENZENE	LT	5	ug/l	W. A.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	W. A.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Lab.
0	ENDRIN	LT	0.11	ug/l	W. A.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	1	ug/l	Env. Lab.
0	ETHYLBENZENE	LT	5	ug/l	W. A.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Lab.
0	FLUORIDE	LT	100	ug/l	W. A.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		60	ug/l	Env. Lab.
0	IRON	LT	100	ug/l	W. A.
0	IRON		22	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Lab.
0	MERCURY	LT	0.20	ug/l	W. A.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	1000	ug/l	Env. Lab.
0	POTASSIUM	LT	5000	ug/l	W. A.
0	POTASSIUM		681	ug/l	Env. Eng.
0	LITHIUM	LT	50	ug/l	W. A.
0	LINDANE	LT	0.05	ug/l	Env. Lab.
0	LINDANE	LT	0.05	ug/l	W. A.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	1	ug/l	Env. Lab.
0	TOLUENE	LT	5	ug/l	W. A.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Lab.
0	METHOXYCHLOR	LT	0.53	ug/l	W. A.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		510	ug/l	Env. Lab.
0	MAGNESIUM	LT	5000	ug/l	W. A.
0	MAGNESIUM		400	ug/l	Env. Eng.
1	MANGANESE		30	ug/l	Env. Lab.
0	MANGANESE	LT	15	ug/l	W. A.
0	MANGANESE		12	ug/l	Env. Eng.
0	SODIUM		3600	ug/l	Env. Lab.
1	SODIUM		5090	ug/l	W. A.
0	SODIUM		2790	ug/l	Env. Eng.
0	NICKEL	LT	50	ug/l	Env. Lab.
0	NICKEL	LT	40	ug/l	W. A.
0	NICKEL	LT	4	ug/l	Env. Eng.

CONTINUED

WELL FSB 88C COLLECTED ON 03/11/89 LABORATORY ANALYSES CONTINUED

0	NITRATE AS NITROGEN		2300	ug/l	Env. Lab.
0	NITRATE AS NITROGEN		1700	ug/l	W. A.
0	NITRATE AS NITROGEN		1740	ug/l	Env. Eng
0	LEAD	LT	100	ug/l	Env. Lab
0	LEAD	LT	5	ug/l	W. A.
0	LEAD	LT	6	ug/l	Env. Eng
0	PHENOLS	LT	5	ug/l	Env. Lab
0	PHENOLS	LT	5	ug/l	W. A.
0	PHENOLS	LT	5	ug/l	Env. Eng
0	ANTIMONY	LT	200	ug/l	Env. Lab
0	ANTIMONY	LT	60	ug/l	W. A.
0	ANTIMONY	LT	3	ug/l	Env. Eng
0	SELENIUM	LT	10	ug/l	Env. Lab
0	SELENIUM	LT	5	ug/l	W. A.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		8070	ug/l	Env. Lab.
1	SILICA		3470	ug/l	W. A.
1	SILICA		7930	ug/l	Env. Eng.
0	SILVEX	LT	0.01	ug/l	Env. Lab.
0	SILVEX	LT	0.54	ug/l	W. A.
0	SILVEX	LT	0.09	ug/l	Env. Eng
0	TIN	LT	100	ug/l	W. A.
0	SULFATE		7000	ug/l	Env. Lab.
0	SULFATE	LT	5000	ug/l	W. A.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,2,2-TETRACHLOROETHANE	LT	5	ug/l	W. A.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		11.0	ug/l	Env. Lab
2	TETRACHLOROETHYLENE		11.0	ug/l	W. A.
2	TETRACHLOROETHYLENE		14.0	ug/l	Env. Eng
0	TOTAL DISSOLVED SOLIDS		46000	ug/l	Env. Lab.
0	TOTAL DISSOLVED SOLIDS		39000	ug/l	W. A.
0	TOTAL DISSOLVED SOLIDS		38000	ug/l	Env. Eng
0	O,O,O-TRIETHYL PHOSPHOROTHIOATE	LT	1	ug/l	W. A.
0	THALLIUM	LT	100	ug/l	Env. Lab.
0	THALLIUM	LT	10	ug/l	W. A.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	10000	ug/l	Env. Lab.
0	TOTAL ORGANIC CARBON	LT	500	ug/l	W. A.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Lab.
0	TOTAL ORGANIC HALOGENS	LT	20	ug/l	W. A.
1	TOTAL ORGANIC HALOGENS		12	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		40	ug/l	Env. Lab.
0	TOTAL PHOSPHATES	LT	50	ug/l	W. A.
0	TOTAL PHOSPHATES	LT	50	ug/l	W. A.
0	TOTAL PHOSPHATES		47	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		2.50	ug/l	Env. Lab
0	TRICHLOROETHYLENE	LT	5.00	ug/l	W. A.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng
0	TOXAPHENE	LT	1	ug/l	Env. Lab.
0	TOXAPHENE	LT	1	ug/l	W. A.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	Env. Lab.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	W. A.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	URANIUM	LT	1000	ug/l	W. A
0	VANADIUM	LT	1000	ug/l	Env. Lab
0	VANADIUM	LT	50	ug/l	W. A
0	VANADIUM	LT	2	ug/l	Env. Eng
0	XYLENES	LT	1	ug/l	Env. Lab
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	W. A.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng
0	1,1-DICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHANE	LT	5	ug/l	W. A.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	W. A.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	W. A.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Lab
0	1,2-DICHLOROETHANE	LT	5	ug/l	W. A.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng
0	1,2-DICHLOROPROPANE	LT	1	ug/l	Env. Lab
0	1,2-DICHLOROPROPANE	LT	5	ug/l	W. A
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng
0	1,3-DICHLOROBENZENE	LT	1	ug/l	Env. Lab
0	CIS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	W. A.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng
0	TRANS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	W. A.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	1,4-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	2-CHLOROETHYLVINYL ETHER	LT	1	ug/l	Env. Lab
0	2-CHLOROETHYLVINYL ETHER	LT	5	ug/l	W. A.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.50	ug/l	Env. Lab
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	1	ug/l	W. A.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng
0	2,4,5-TRICHLOROPHENOXYACETIC ACID	LT	0.54	ug/l	W. A.
0	ZINC		20	ug/l	Env. Lab.
0	ZINC		26	ug/l	W. A.
0	ZINC		22	ug/l	Env. Eng
0	GROSS ALPHA	LT	1	pCi/l	Env. Lab
0	GROSS ALPHA		0.00+-5.00	pCi/l	W. A
0	GROSS ALPHA		0.54+-0.53	pCi/l	Rad. Meas
0	NONVOLATILE BETA	LT	2	pCi/l	Env. Lab
0	NONVOLATILE BETA		3.00+-3.00	pCi/l	W. A
0	NONVOLATILE BETA		1.38+-0.87	pCi/l	Rad. Meas
0	TOTAL RADIUM	LT	0.59	pCi/l	Env. Lab
0	TOTAL RADIUM		0.08+-0.20	pCi/l	W. A
0	TOTAL RADIUM		0.45+-0.35	pCi/l	Rad. Meas
1	TRITIUM		15.16+-0.83	pCi/ml	Env. Lab

CONTINUED

WELL FS8 88C COLLECTED ON 03/11/89 LABORATORY ANALYSES CONTINUED

2	TRITIUM	25.00+-1.00 pCi/ml	W. A.
1	TRITIUM	19.20+-0.49 pCi/ml	Rad. Meas.

WELL FS8 88C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/11/89 Time 1130
Depth to water = 72.93 ft (22.23 m) below the TOC
Water elevation = 210.07 ft (64.03 m) msl
pH = 5.5 Alkalinity = 8 mg/L
Specific Conductance = 50 umhos/cm
Water Temperature = 19.8 degrees Celsius
Water evacuated from the well prior to sampling = 172 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		45.30	UMHC	Env. Eng.
0	PH		5.59	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		14	ug/l	Env. Eng.
0	BARIUM		14	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10	ug/l	Env. Eng.
0	CALCIUM		4550	ug/l	Env. Eng.
0	CALCIUM		4600	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3800	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		6	ug/l	Env. Eng.
0	COPPER		6	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	IRON		28	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		694	ug/l	Env. Eng.
0	POTASSIUM		593	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		435	ug/l	Env. Eng.
0	MAGNESIUM		427	ug/l	Env. Eng.
0	MANGANESE		14	ug/l	Env. Eng.
0	MANGANESE		14	ug/l	Env. Eng.
0	SODIUM		3090	ug/l	Env. Eng.
0	SODIUM		3180	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1740	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	LEAD		7	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		7900	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		12.0	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		36000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		10	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		39	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		24	ug/l	Env. Eng.
0	ZINC		22	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.56+-0.77	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.39+-0.31	pCi/l	Rad. Meas.
1	TRITIUM		19.50+-0.49	pCi/ml	Rad. Meas.

WELL FS8 88D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/28/89 Time 1220
Depth to water = 68.57 ft (20.90 m) below the TOC
Water elevation = 213.83 ft (65.18 m) msl
pH = 4.4 Alkalinity = 0 mg/L
Specific Conductance = 950 umhos/cm
Water Temperature = 18.3 degrees Celsius
Water evacuated from the well prior to sampling = 5 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		967.0	UMHC	Env. Eng.
0	PH		4.07	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		368	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10	ug/l	Env. Eng.
1	CALCIUM		28100	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
1	CADMIUM		3	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE	LT	1000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
1	COBALT		25	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
1	COPPER		21	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
1	FLUORIDE		600	ug/l	Env. Eng.
0	IRON		145	ug/l	Env. Eng.
2	MERCURY		1.78	ug/l	Env. Eng.
0	POTASSIUM		3380	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		4120	ug/l	Env. Eng.
2	MANGANESE		1320	ug/l	Env. Eng.
1	SODIUM		121000	ug/l	Env. Eng.
1	NICKEL		84	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		140400	ug/l	Env. Eng.
2	LEAD		43	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		31600	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		750000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		756000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1300	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		11	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		89	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
1	VANADIUM		2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		179	ug/l	Env. Eng.
2	GROSS ALPHA		164+-41.7	pCi/l	HP. 735A
2	GROSS ALPHA		228+-24.3	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		785+-63.2	pCi/l	HP. 735A
2	NONVOLATILE BETA		1070+-30.5	pCi/l	Rad. Meas.
2	TOTAL RADIUM		13.00+-1.74	pCi/l	Rad. Meas.
2	TRITIUM		2780+-55.8	pCi/ml	HP. 735A
2	TRITIUM		3230+-63.2	pCi/ml	Rad. Meas.

WELL FSB 89C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/07/89 Time 1600
Depth to water = 71.70 ft (21.85 m) below the TOC
Water elevation = 209.60 ft (63.89 m) msl
pH = 5.8 Alkalinity = 6 mg/L
Specific Conductance = 55 umhos/cm
Water Temperature = 18.9 degrees Celsius
Water evacuated from the well prior to sampling = 139 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		54.90	UMHC	Env. Eng.
0	PH		5.94	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		13	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		5690	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3100	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CARBON DISULFIDE	LT	5	ug/l	Env. Eng.
0	COPPER		4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	DI-N-OCTYL PHTHALATE	LT	10	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1420	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		378	ug/l	Env. Eng.
0	MANGANESE		12	ug/l	Env. Eng.
0	SODIUM		2930	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1840	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1820	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		8700	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		11.0	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		34000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		12	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		14	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		111	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.42+-0.39	pCi/l	Rad. Meas.
2	TRITIUM		22.80+-0.54	pCi/ml	Rad. Meas.

WELL FSB 89D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/26/89 Time 1705
Depth to water = 67.94 ft (20.71 m) below the TOC
Water elevation = 213.26 ft (65.00 m) msl
pH = 4.0 Alkalinity = 0 mg/L
Specific Conductance = 595 umhos/cm
Water Temperature = 20.5 degrees Celsius
Water evacuated from the well prior to sampling = 30 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		555.0	UMHC	Env. Eng.
1	PH		3.64	pH	Env. Eng
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		206	ug/l	Env. Eng.
1	BARIUM		214	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		11300	ug/l	Env. Eng.
1	CALCIUM		11200	ug/l	Env. Eng
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
2	CADMIUM		9	ug/l	Env. Eng
2	CADMIUM		10	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng
0	BROMOFORM	LT	10	ug/l	Env. Eng
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE	LT	1000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
1	COBALT		19	ug/l	Env. Eng.
1	COBALT		21	ug/l	Env. Eng
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
1	COPPER		45	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng
0	CHLOROETHANE	LT	10	ug/l	Env. Eng
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
1	FLUORIDE		700	ug/l	Env. Eng.
0	IRON		55	ug/l	Env. Eng.
0	IRON		41	ug/l	Env. Eng.
2	MERCURY		4.03	ug/l	Env. Eng.
0	POTASSIUM		792	ug/l	Env. Eng.
0	POTASSIUM		658	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng
0	MAGNESIUM		1940	ug/l	Env. Eng.
0	MAGNESIUM		2110	ug/l	Env. Eng.
2	MANGANESE		907	ug/l	Env. Eng.
2	MANGANESE		1010	ug/l	Env. Eng.
1	SODIUM		50800	ug/l	Env. Eng.
1	SODIUM		50800	ug/l	Env. Eng
1	NICKEL		19	ug/l	Env. Eng.
1	NICKEL		22	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		63000	ug/l	Env. Eng.
0	LEAD		11	ug/l	Env. Eng
0	LEAD		12	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		18300	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng
0	TOTAL DISSOLVED SOLIDS		412000	ug/l	Env. Eng
0	TOTAL DISSOLVED SOLIDS		410000	ug/l	Env. Eng
0	THALLIUM	LT	2	ug/l	Env. Eng
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng
0	TOTAL PHOSPHATES		39	ug/l	Env. Eng
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng

CONTINUED

WELL FSB 89D COLLECTED ON 02/26/89 LABORATORY ANALYSES CONTINUED

0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		92	ug/l	Env. Eng.
2	GROSS ALPHA		284+-57.6	pCi/l	HP, 735A
2	GROSS ALPHA		277+-16.4	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		1710+- 126	pCi/l	HP, 735A
2	NONVOLATILE BETA		1830+-22.8	pCi/l	Rad. Meas.
2	TOTAL RADIUM		16.60+-1.94	pCi/l	Rad. Meas.
2	TRITIUM		3350+-67.1	pCi/ml	HP, 735A
2	TRITIUM		3400+-67.7	pCi/ml	Rad. Meas.

WELL FSB 90C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/26/89 Time 1125
Depth to water = 69.72 ft (21.25 m) below the TOC
Water elevation = 208.68 ft (63.61 m) msl
pH = 6.9 Alkalinity = 19 mg/L
Specific Conductance = 183 umhos/cm
Water Temperature = 19.3 degrees Celsius
Water evacuated from the well prior to sampling = 26 gal
The well went dry during purging.

ABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		187.0	UMHC	Env. Eng.
1	PH		6.58	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		47	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10	ug/l	Env. Eng.
0	CALCIUM		9500	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3400	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		6	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		200	ug/l	Env. Eng.
0	IRON		31	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		2460	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		2940	ug/l	Env. Eng.
1	MANGANESE		41	ug/l	Env. Eng.
1	SODIUM		9950	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		11800	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		10500	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		178000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		6	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		53	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.

CONTINUED

WELL FSB 90C COLLECTED ON 02/26/89 LABORATORY ANALYSES CONTINUED

0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		24	ug/l	Env. Eng.
0	GROSS ALPHA		3.21+-2.26	pCi/l	HP, 735A
0	GROSS ALPHA		1.30+-0.81	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		37.10+-4.04	pCi/l	HP, 735A
1	NONVOLATILE BETA		22.95+-1.67	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.22+-0.56	pCi/l	Rad. Meas.
2	TRITIUM		1020+-20.5	pCi/ml	HP, 735A
2	TRITIUM		986+-5.36	pCi/ml	Rad. Meas.

WELL FSB 90D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/26/89 Time 1100
Depth to water = 66.34 ft (20.22 m) below the TOC
Water elevation = 212.26 ft (64.70 m) msl
pH = 4.2 Alkalinity = 0 mg/L
Specific Conductance = 1620 umhos/cm
Water Temperature = 19.5 degrees Celsius
Water evacuated from the well prior to sampling = 2 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		1510	UMHC	Env. Eng.
1	PH		3.84	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
2	BARIUM		1340	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10	ug/l	Env. Eng.
1	CALCIUM		49400	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
2	CADMIUM		22	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2200	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
1	COBALT		52	ug/l	Env. Eng.
1	CHROMIUM		6	ug/l	Env. Eng.
1	COPPER		37	ug/l	Env. Eng.
1	CYANIDE		8	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	DI-N-OCTYL PHTHALATE	LT	10	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
2	FLUORIDE		4100	ug/l	Env. Eng.
2	IRON		706	ug/l	Env. Eng.
1	MERCURY		0.50	ug/l	Env. Eng.
1	POTASSIUM		5110	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
1	MAGNESIUM		14900	ug/l	Env. Eng.
2	MANGANESE		4540	ug/l	Env. Eng.
1	SODIUM		106000	ug/l	Env. Eng.
1	NICKEL		75	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		197300	ug/l	Env. Eng.
2	LEAD		248	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM		2	ug/l	Env. Eng.
1	SELENIUM		3	ug/l	Env. Eng.
1	SILICA		13900	ug/l	Env. Eng.
1	SILICA		13600	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		1074000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1800	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		19	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		43	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
1	ZINC		446	ug/l	Env. Eng.
2	GROSS ALPHA		414+-95.3	pCi/l	HP, 735A
2	GROSS ALPHA		338+-36.2	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		3460+- 255	pCi/l	HP, 735A
2	NONVOLATILE BETA		3320+-74.9	pCi/l	Rad. Meas.

CONTINUED

WELL FSB 90D COLLECTED ON 02/26/89 LABORATORY ANALYSES CONTINUED

2	TOTAL RADIUM		80.90+-3.98 pCi/l	Rad. Meas.
2	TRITIUM		19700+- 395 pCi/ml	HP, 735A
2	TRITIUM		21000+- 158 pCi/ml	Rad. Meas.

WELL FSB 91C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/26/89 Time 1025
Depth to water = 70.44 ft (21.47 m) below the TOC
Water elevation = 208.86 ft (63.66 m) msl
pH = 6.5 Alkalinity = 27 mg/L
Specific Conductance = 670 umhos/cm
Water Temperature = 19.1 degrees Celsius
Water evacuated from the well prior to sampling = 22 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		603.0 UMHC	Env. Eng.
0	PH		6.06 pH	Env. Eng.
0	SILVER	LT	2 ug/l	Env. Eng.
0	ARSENIC	LT	2 ug/l	Env. Eng.
1	BARIUM		251 ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5 ug/l	Env. Eng.
1	CALCIUM		42800 ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5 ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00 ug/l	Env. Eng.
1	CADMIUM		5 ug/l	Env. Eng.
0	BROMOFORM	LT	10 ug/l	Env. Eng.
0	CHLOROFORM	LT	5 ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5 ug/l	Env. Eng.
0	BROMOMETHANE	LT	10 ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10 ug/l	Env. Eng.
0	CHLORIDE		1700 ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5 ug/l	Env. Eng.
1	COBALT		11 ug/l	Env. Eng.
0	CHROMIUM	LT	4 ug/l	Env. Eng.
0	COPPER		16 ug/l	Env. Eng.
0	CYANIDE	LT	5 ug/l	Env. Eng.
0	CYANIDE	LT	5 ug/l	Env. Eng.
0	CHLOROETHENE	LT	10 ug/l	Env. Eng.
0	CHLOROETHANE	LT	10 ug/l	Env. Eng.
0	BENZENE	LT	5 ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5 ug/l	Env. Eng.
0	ENDRIN	LT	0.10 ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5 ug/l	Env. Eng.
1	FLUORIDE		1100 ug/l	Env. Eng.
0	IRON		85 ug/l	Env. Eng.
0	MERCURY		0.26 ug/l	Env. Eng.
1	POTASSIUM		13100 ug/l	Env. Eng.
0	LINDANE	LT	0.05 ug/l	Env. Eng.
0	TOLUENE	LT	5 ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50 ug/l	Env. Eng.
0	MAGNESIUM		4120 ug/l	Env. Eng.
2	MANGANESE		595 ug/l	Env. Eng.
1	SODIUM		48200 ug/l	Env. Eng.
1	NICKEL		44 ug/l	Env. Eng.
2	NITRATE AS NITROGEN		70500 ug/l	Env. Eng.
0	LEAD		8 ug/l	Env. Eng.
0	PHENOLS	LT	5 ug/l	Env. Eng.
0	ANTIMONY	LT	3 ug/l	Env. Eng.
0	SELENIUM	LT	2 ug/l	Env. Eng.
1	SILICA		5340 ug/l	Env. Eng.
0	SILVEX	LT	0.09 ug/l	Env. Eng.
0	SULFATE	LT	5000 ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10 ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00 ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		614000 ug/l	Env. Eng.
0	THALLIUM	LT	2 ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1100 ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		8 ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20 ug/l	Env. Eng.
2	TRICHLOROETHYLENE		16.0 ug/l	Env. Eng.
0	TOXAPHENE	LT	1 ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5 ug/l	Env. Eng.
0	VANADIUM	LT	2 ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5 ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5 ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5 ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5 ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1 ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10 ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5 ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5 ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10 ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 ug/l	Env. Eng.
0	ZINC		45 ug/l	Env. Eng.
2	GROSS ALPHA		104+-32.3 pCi/l	HP, 735A
2	GROSS ALPHA		104+-15.7 pCi/l	Rad. Meas.
2	NONVOLATILE BETA		1590+- 118 pCi/l	HP, 735A
2	NONVOLATILE BETA		1470+-21.5 pCi/l	Rad. Meas.
2	TOTAL RADIUM		40.80+-2.86 pCi/l	Rad. Meas.
2	TRITIUM		4030+-81.3 pCi/ml	HP, 735A
2	TRITIUM		4040+-69.6 pCi/ml	Rad. Meas.

WELL FSB 91D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/25/89 Time 1525
Depth to water = 67.77 ft (20.66 m) below the TOC
Water elevation = 211.43 ft (64.44 m) msl
pH = 3.3 Alkalinity = 0 mg/L
Specific Conductance = 3550 umhos/cm
Water Temperature = 21.3 degrees Celsius
Water evacuated from the well prior to sampling = 27 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		3070 UMHC	Env. Eng.
1	PH		3.03 pH	Env. Eng.
0	SILVER	LT	2 ug/l	Env. Eng.
0	ARSENIC	LT	10 ug/l	Env. Eng.
1	BARIUM		485 ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5 ug/l	Env. Eng.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10 ug/l	Env. Eng.
0	CALCIUM		6080 ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5 ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00 ug/l	Env. Eng.
1	CADMIUM		3 ug/l	Env. Eng.
0	BROMOFORM	LT	10 ug/l	Env. Eng.
0	CHLOROFORM	LT	5 ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5 ug/l	Env. Eng.
0	BROMOMETHANE	LT	10 ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10 ug/l	Env. Eng.
0	CHLORIDE		1400 ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5 ug/l	Env. Eng.
1	COBALT		23 ug/l	Env. Eng.
0	CHROMIUM	LT	4 ug/l	Env. Eng.
1	COPPER		65 ug/l	Env. Eng.
1	CYANIDE		16 ug/l	Env. Eng.
0	CHLOROETHENE	LT	10 ug/l	Env. Eng.
0	CHLOROETHANE	LT	10 ug/l	Env. Eng.
0	BENZENE	LT	5 ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5 ug/l	Env. Eng.
0	DI-N-OCTYL PHTHALATE	LT	10 ug/l	Env. Eng.
0	ENDRIN	LT	0.10 ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5 ug/l	Env. Eng.
2	FLUORIDE		4400 ug/l	Env. Eng.
0	IRON		88 ug/l	Env. Eng.
1	MERCURY		0.93 ug/l	Env. Eng.
0	POTASSIUM		2580 ug/l	Env. Eng.
0	LINDANE	LT	0.05 ug/l	Env. Eng.
0	TOLUENE	LT	5 ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50 ug/l	Env. Eng.
0	MAGNESIUM		2120 ug/l	Env. Eng.
2	MANGANESE		1360 ug/l	Env. Eng.
1	SODIUM		117000 ug/l	Env. Eng.
1	NICKEL		45 ug/l	Env. Eng.
2	NITRATE AS NITROGEN		433600 ug/l	Env. Eng.
0	LEAD	LT	600 ug/l	Env. Eng.
0	PHENOLS	LT	5 ug/l	Env. Eng.
0	ANTIMONY	LT	3 ug/l	Env. Eng.
2	SELENIUM		7 ug/l	Env. Eng.
1	SILICA		39400 ug/l	Env. Eng.
0	SILVEX	LT	0.09 ug/l	Env. Eng.
0	SULFATE	LT	5000 ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10 ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00 ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		1386000 ug/l	Env. Eng.
0	THALLIUM	LT	2 ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		4300 ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		10 ug/l	Env. Eng.
1	TOTAL PHOSPHATES		463 ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00 ug/l	Env. Eng.
0	TOXAPHENE	LT	1 ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5 ug/l	Env. Eng.
0	VANADIUM	LT	2 ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5 ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5 ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5 ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5 ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1 ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10 ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5 ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5 ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10 ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 ug/l	Env. Eng.
0	ZINC		117 ug/l	Env. Eng.
2	GROSS ALPHA		1730+- 265 pCi/l	HP, 735A
2	GROSS ALPHA		1890+-92.1 pCi/l	Rad. Meas.
2	NONVOLATILE BETA		2780+- 209 pCi/l	HP, 735A
2	NONVOLATILE BETA		3090+-71.4 pCi/l	Rad. Meas.
2	TOTAL RADIUM		73.70+-4.05 pCi/l	Rad. Meas.
2	TRITIUM		35900+- 719 pCi/ml	HP, 735A
2	TRITIUM		38800+- 213 pCi/ml	Rad. Meas.

WELL FSB 92D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/16/89 Time 1425
Depth to water = 65.50 ft (19.96 m) below the TOC
Water elevation = 210.40 ft (64.13 m) msl
pH = 3.4 Alkalinity = 0 mg/L
Specific Conductance = 2800 umhos/cm
Water Temperature = 19.8 degrees Celsius
Water evacuated from the well prior to sampling = 39 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		2140	UMHC	Env. Eng.
1	PH		3.38	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
2	ARSENIC		130	ug/l	Env. Eng.
2	BARIUM		812	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10	ug/l	Env. Eng.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10	ug/l	Env. Eng.
0	CALCIUM		7350	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
2	CADMIUM		26	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE	LT	1000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
1	COBALT		33	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
1	COPPER		68	ug/l	Env. Eng.
1	CYANIDE		13	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	DI-N-OCTYL PHTHALATE	LT	10	ug/l	Env. Eng.
0	DI-N-OCTYL PHTHALATE	LT	10	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
2	FLUORIDE		6100	ug/l	Env. Eng.
1	IRON		252	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		4270	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
1	MAGNESIUM		9310	ug/l	Env. Eng.
2	MANGANESE		1070	ug/l	Env. Eng.
1	SODIUM		98000	ug/l	Env. Eng.
1	NICKEL		61	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		320900	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		13000	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		896000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		7	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		43	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		208	ug/l	Env. Eng.
2	GROSS ALPHA		503+- 111	pCi/l	HP, 735A
2	GROSS ALPHA		352+-37.2	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		4560+- 318	pCi/l	HP, 735A
2	NONVOLATILE BETA		4880+-90.4	pCi/l	Rad. Meas.
2	TOTAL RADIUM		206+-7.26	pCi/l	Rad. Meas.
2	TRITIUM		33500+- 671	pCi/ml	HP, 735A
2	TRITIUM		38600+- 206	pCi/ml	Rad. Meas.

WELL FSB 93C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/25/89 Time 1630
Depth to water = 69.30 ft (21.12 m) below the TOC
Water elevation = 206.90 ft (63.06 m) msl
pH = 5.2 Alkalinity = 0 mg/L
Specific Conductance = 370 umhos/cm
Water Temperature = 19.1 degrees Celsius
Water evacuated from the well prior to sampling = 169 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		357.0	UMHC	Env. Eng.
0	PH		5.07	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		61	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10	ug/l	Env. Eng.
1	CALCIUM		19100	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		12	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		27	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
1	POTASSIUM		94900	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		4930	ug/l	Env. Eng.
2	MANGANESE		92	ug/l	Env. Eng.
1	SODIUM		20500	ug/l	Env. Eng.
1	NICKEL		9	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		39400	ug/l	Env. Eng.
0	LEAD		8	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		9240	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFIDE	LT	1000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		338000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		30	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
1	VANADIUM		2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		51	ug/l	Env. Eng.
2	GROSS ALPHA		41.90+-13.8	pCi/l	HP, 735A
0	GROSS ALPHA		3.95+-2.19	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		80.60+-9.79	pCi/l	HP, 735A
1	NONVOLATILE BETA		41.40+-3.99	pCi/l	Rad. Meas.
1	TOTAL RADIUM		3.15+-0.86	pCi/l	Rad. Meas.
2	TRITIUM		2400+-49.2	pCi/ml	HP, 735A
2	TRITIUM		1980+-42.4	pCi/ml	Rad. Meas.

WELL FSB 93D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/26/89 Time 1255
Depth to water = 67.15 ft (20.47 m) below the TOC
Water elevation = 208.95 ft (63.69 m) msl
pH = 4.4 Alkalinity = 0 mg/L
Specific Conductance = 1650 umhos/cm
Water Temperature = 19.1 degrees Celsius
Water evacuated from the well prior to sampling = 2 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		1830	UMHC	Env. Eng.
1	PH		3.76	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
2	BARIUM		535	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10	ug/l	Env. Eng.
1	CALCIUM		91000	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
2	CADMIUM		8	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE	LT	1000	ug/l	Env. Eng.
0	CHLORIDE	LT	1000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
1	COBALT		18	ug/l	Env. Eng.
1	CHROMIUM		22	ug/l	Env. Eng.
1	COPPER		44	ug/l	Env. Eng.
1	CYANIDE		5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	DIMETHYL PHTHALATE	LT	10	ug/l	Env. Eng.
0	DI-N-OCTYL PHTHALATE	LT	10	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
2	FLUORIDE		2900	ug/l	Env. Eng.
2	FLUORIDE		2800	ug/l	Env. Eng.
2	IRON		1380	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
1	POTASSIUM		6110	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
1	MAGNESIUM		5080	ug/l	Env. Eng.
2	MANGANESE		1530	ug/l	Env. Eng.
1	SODIUM		72000	ug/l	Env. Eng.
1	NICKEL		52	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		338800	ug/l	Env. Eng.
2	LEAD		203	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	4	ug/l	Env. Eng.
1	SILICA		10900	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE		8200	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		1376000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1500	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		16	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		65	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		139	ug/l	Env. Eng.
2	GROSS ALPHA		571+- 118	pCi/l	HP, 735A
2	GROSS ALPHA		140+-24.6	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		3600+- 264	pCi/l	HP, 735A
2	NONVOLATILE BETA		4150+-83.6	pCi/l	Rad. Meas.
2	TOTAL RADIUM		29.80+-2.59	pCi/l	Rad. Meas.
2	TRITIUM		32200+- 645	pCi/ml	HP, 735A
2	TRITIUM		38000+- 219	pCi/ml	Rad. Meas.

WELL FSB 94C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/26/89 Time 940
Depth to water = 74.86 ft (22.82 m) below the TOC
Water elevation = 206.24 ft (62.86 m) msl
pH = 11.7 Alkalinity = 237 mg/L
Specific Conductance = 2700 umhos/cm
Water Temperature = 19.3 degrees Celsius
Water evacuated from the well prior to sampling = 27 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		2310	UMHC	Env. Eng.
2	PH		11.3	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		347	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10	ug/l	Env. Eng.
1	CALCIUM		115000	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		1600	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
1	COPPER		21	ug/l	Env. Eng.
1	CYANIDE		7	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
2	FLUORIDE		2800	ug/l	Env. Eng.
0	IRON		20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
1	POTASSIUM		107000	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHYLETHYL KETONE	LT	100	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		85	ug/l	Env. Eng.
0	MANGANESE		7	ug/l	Env. Eng.
1	SODIUM		185000	ug/l	Env. Eng.
0	NICKEL		6	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		168300	ug/l	Env. Eng.
0	LEAD		9	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		1720	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
1	SULFATE		15300	ug/l	Env. Eng.
1	SULFATE		13900	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		1518000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		2900	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		2800	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		15	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		33	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		30	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
1	VANADIUM		2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		13	ug/l	Env. Eng.
2	GROSS ALPHA		26.40+-24.3	pCi/l	HP, 735A
1	GROSS ALPHA		11.00+-9.30	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		1240+- 104	pCi/l	HP, 735A
2	NONVOLATILE BETA		854+-39.8	pCi/l	Rad. Meas.
2	TOTAL RADIUM		15.20+-1.70	pCi/l	Rad. Meas.
2	TRITIUM		9110+- 183	pCi/ml	HP, 735A
2	TRITIUM		10050+- 108	pCi/ml	Rad. Meas.

WELL FSB 94D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/25/89 Time 1420
The well was dry.

WELL FSB 95C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/26/89 Time 910
Depth to water = 78.42 ft (23.90 m) below the TOC
Water elevation = 205.58 ft (62.66 m) msl
pH = 11.8 Alkalinity = 343 mg/L
Specific Conductance = 2550 umhos/cm
Water Temperature = 19.3 degrees Celsius
Water evacuated from the well prior to sampling = 26 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		2120	UMHC	Env. Eng.
2	PH		11.4	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		246	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		191000	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2100	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM		4	ug/l	Env. Eng.
0	CARBON DISULFIDE	LT	5	ug/l	Env. Eng.
1	COPPER		27	ug/l	Env. Eng.
1	CYANIDE		5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		200	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
1	POTASSIUM		29800	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		72	ug/l	Env. Eng.
0	MANGANESE		3	ug/l	Env. Eng.
1	SODIUM		51000	ug/l	Env. Eng.
0	NICKEL		5	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		94300	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		95100	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		2110	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		1170000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1900	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		32	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		7.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	VINYL ACETATE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		29	ug/l	Env. Eng.
2	GROSS ALPHA		18.90+-18.7	pCi/l	HP, 735A
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
1	GROSS ALPHA		10.00+-9.81	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		279+-35.8	pCi/l	HP, 735A
2	NONVOLATILE BETA		303+-24.6	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		310+-25.7	pCi/l	Rad. Meas.
0	TOTAL RADIUM		2.30+-0.75	pCi/l	Rad. Meas.
1	TOTAL RADIUM		3.18+-0.84	pCi/l	Rad. Meas.
2	TRITIUM		6760+- 136	pCi/ml	HP, 735A
2	TRITIUM		7625+- 94	pCi/ml	Rad. Meas.
2	TRITIUM		7630+- 97	pCi/ml	Rad. Meas.

WELL FSB 95D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/18/89 Time 1435
Depth to water = 76.20 ft (23.23 m) below the TOC
Water elevation = 209.10 ft (63.43 m) msl
The well pumped dry before sampling could be done.

WELL FSB 96A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/19/89 Time 1230
Depth to water = 127.63 ft (38.90 m) below the TOC
Water elevation = 152.17 ft (46.38 m) msl
pH = 11.3 Alkalinity = 212 mg/L
Specific Conductance = 755 umhos/cm
Water Temperature = 19.2 degrees Celsius
Water evacuated from the well prior to sampling = 22 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		703.0	UMHC	Env. Eng.
2	PH		10.8	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
1	ARSENIC		2	ug/l	Env. Eng.
1	BARIUM		73	ug/l	Env. Eng.
1	BARIUM		69	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10	ug/l	Env. Eng.
0	CALCIUM		5510	ug/l	Env. Eng.
0	CALCIUM		5000	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2000	ug/l	Env. Eng.
0	CHLORIDE		2030	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		6	ug/l	Env. Eng.
0	COPPER		6	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		210	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
1	POTASSIUM		45200	ug/l	Env. Eng.
1	POTASSIUM		44600	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		118	ug/l	Env. Eng.
0	MAGNESIUM		112	ug/l	Env. Eng.
0	MANGANESE		9	ug/l	Env. Eng.
0	MANGANESE		8	ug/l	Env. Eng.
1	SODIUM		65600	ug/l	Env. Eng.
1	SODIUM		65400	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		282	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		287	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	LEAD		6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		26600	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
1	SULFATE		11700	ug/l	Env. Eng.
1	SULFATE		11700	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		292000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
1	TOTAL ORGANIC CARBON		13800	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		22	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.

CONTINUED

WELL FSB 96A COLLECTED ON 02/19/89 LABORATORY ANALYSES CONTINUED

0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		8	ug/l	Env. Eng.
0	ZINC		9	ug/l	Env. Eng.
1	GROSS ALPHA		8.68+-4.99	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		34.30+-7.31	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
1	TRITIUM		10.70+-0.38	pCi/ml	Rad. Meas.

WELL FSB 97A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/22/89 Time 1525
Depth to water = 134.77 ft (41.08 m) below the TOC
Water elevation = 151.33 ft (46.13 m) msl
pH = 7.0 Alkalinity = 69 mg/L
Specific Conductance = 270 umhos/cm
Water Temperature = 20.0 degrees Celsius
Water evacuated from the well prior to sampling = 170 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		258.0	UMHC	Env. Eng.
1	PH		6.68	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		45	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		27100	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2500	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		13	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		200	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1190	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		993	ug/l	Env. Eng.
0	MANGANESE		13	ug/l	Env. Eng.
1	SODIUM		8200	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		13500	ug/l	Env. Eng.
0	LEAD		8	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		17200	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		236000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		170	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		7	ug/l	Env. Eng.
0	GROSS ALPHA		2.21+-4.13	pCi/l	HP, 735A
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		14.60+-2.57	pCi/l	HP, 735A
1	NONVOLATILE BETA		20.10+-1.87	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.11+-0.50	pCi/l	Rad. Meas.

CONTINUED

WELL FSB 97A COLLECTED ON 02/22/89 LABORATORY ANALYSES CONTINUED

2	TRITIUM	469+-9.49	pCi/ml	HP, 735A
2	TRITIUM	489+-3.86	pCi/ml	Rad. Meas

WELL FSB 97C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/19/89 Time 1010
Depth to water = 80.03 ft (24.39 m) below the TOC
Water elevation = 206.07 ft (62.81 m) msl
pH = 8.1 Alkalinity = 38 mg/L
Specific Conductance = 1460 umhos/cm
Water Temperature = 19.0 degrees Celsius
Water evacuated from the well prior to sampling = 30 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		1300	UMHC	Env. Eng
1	PH		6.80	pH	Env. Eng
0	SILVER	LT	2	ug/l	Env. Eng
0	ARSENIC	LT	2	ug/l	Env. Eng
1	BARIUM		316	ug/l	Env. Eng.
1	BARIUM		309	ug/l	Env. Eng
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10	ug/l	Env. Eng
1	CALCIUM		49800	ug/l	Env. Eng.
1	CALCIUM		50200	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE	LT	1000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng
1	COBALT		12	ug/l	Env. Eng.
1	COBALT		12	ug/l	Env. Eng
0	CHROMIUM	LT	4	ug/l	Env. Eng
0	CHROMIUM	LT	4	ug/l	Env. Eng
1	COPPER		41	ug/l	Env. Eng
1	CYANIDE		6	ug/l	Env. Eng
0	CHLOROETHENE	LT	10	ug/l	Env. Eng
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	DI-N-OCTYL PHTHALATE	LT	10	ug/l	Env. Eng
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
1	FLUORIDE		600	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng
1	POTASSIUM		14900	ug/l	Env. Eng.
1	POTASSIUM		14600	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng
1	MAGNESIUM		7700	ug/l	Env. Eng
1	MAGNESIUM		7740	ug/l	Env. Eng
2	MANGANESE		686	ug/l	Env. Eng
2	MANGANESE		662	ug/l	Env. Eng
1	SODIUM		157000	ug/l	Env. Eng
1	SODIUM		147000	ug/l	Env. Eng
1	NICKEL		11	ug/l	Env. Eng
1	NICKEL		9	ug/l	Env. Eng
2	NITRATE AS NITROGEN		162900	ug/l	Env. Eng
0	LEAD		7	ug/l	Env. Eng
0	LEAD		6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng
0	ANTIMONY	LT	3	ug/l	Env. Eng
0	SELENIUM	LT	2	ug/l	Env. Eng
1	SILICA		5530	ug/l	Env. Eng
1	SILICA		5580	ug/l	Env. Eng
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		1086000	ug/l	Env. Eng
0	THALLIUM	LT	2	ug/l	Env. Eng
0	TOTAL ORGANIC CARBON		1200	ug/l	Env. Eng
1	TOTAL ORGANIC HALOGENS		12	ug/l	Env. Eng
0	TOTAL PHOSPHATES		39	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng
0	TOXAPHENE	LT	1	ug/l	Env. Eng
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng
1	VANADIUM		2	ug/l	Env. Eng
1	VANADIUM		2	ug/l	Env. Eng
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		14	ug/l	Env. Eng
2	GROSS ALPHA		101+-45.1	pCi/l	HP, 735A
2	GROSS ALPHA		28.60+-16.3	pCi/l	Rad. Meas
2	NONVOLATILE BETA		681+-64.5	pCi/l	HP, 735A
2	NONVOLATILE BETA		483+-21.8	pCi/l	Rad. Meas

CONTINUED

WELL FSB 97C COLLECTED ON 02/19/89 LABORATORY ANALYSES CONTINUED

2	TOTAL RADIUM	24.70+-2.32 pCi/l	Rad. Meas.
2	TRITIUM	11200+- 226 pCi/ml	HP, 735A
2	TRITIUM	12100+- 120 pCi/ml	Rad. Meas.

WELL FSB 97D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/19/89 Time 1030
Depth to water = 76.16 ft (23.21 m) below the TOC
Water elevation = 209.84 ft (63.96 m) msl
pH = 4.8 Alkalinity = 0 mg/L
Specific Conductance = 1770 umhos/cm
Water Temperature = 17.5 degrees Celsius
Water evacuated from the well prior to sampling = 2 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		2200 UMHC	Env. Eng.
0	PH		4.02 pH	Env. Eng.
0	SILVER	LT	2 ug/l	Env. Eng.
0	ARSENIC	LT	2 ug/l	Env. Eng.
2	BARIUM		810 ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5 ug/l	Env. Eng.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10 ug/l	Env. Eng.
1	CALCIUM		184000 ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5 ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00 ug/l	Env. Eng.
2	CADMIUM		8 ug/l	Env. Eng.
0	BROMOFORM	LT	10 ug/l	Env. Eng.
0	CHLOROFORM	LT	5 ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5 ug/l	Env. Eng.
0	BROMOMETHANE	LT	10 ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10 ug/l	Env. Eng.
0	CHLORIDE	LT	1000 ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5 ug/l	Env. Eng.
1	COBALT		12 ug/l	Env. Eng.
1	CHROMIUM		6 ug/l	Env. Eng.
1	COPPER		27 ug/l	Env. Eng.
1	CYANIDE		8 ug/l	Env. Eng.
0	CHLOROETHENE	LT	10 ug/l	Env. Eng.
0	CHLOROETHANE	LT	10 ug/l	Env. Eng.
0	BENZENE	LT	5 ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5 ug/l	Env. Eng.
0	DIMETHYL PHTHALATE	LT	10 ug/l	Env. Eng.
0	DI-N-OCTYL PHTHALATE	LT	10 ug/l	Env. Eng.
0	ENDRIN	LT	0.10 ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5 ug/l	Env. Eng.
1	FLUORIDE		1900 ug/l	Env. Eng.
1	FLUORIDE		1900 ug/l	Env. Eng.
2	IRON		873 ug/l	Env. Eng.
0	MERCURY	LT	0.20 ug/l	Env. Eng.
1	POTASSIUM		6140 ug/l	Env. Eng.
0	LINDANE	LT	0.05 ug/l	Env. Eng.
0	TOLUENE	LT	5 ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50 ug/l	Env. Eng.
1	MAGNESIUM		6400 ug/l	Env. Eng.
2	MANGANESE		1450 ug/l	Env. Eng.
1	SODIUM		99500 ug/l	Env. Eng.
1	NICKEL		52 ug/l	Env. Eng.
2	NITRATE AS NITROGEN		248900 ug/l	Env. Eng.
2	LEAD		199 ug/l	Env. Eng.
0	PHENOLS	LT	5 ug/l	Env. Eng.
0	ANTIMONY	LT	3 ug/l	Env. Eng.
0	SELENIUM	LT	2 ug/l	Env. Eng.
1	SILICA		37900 ug/l	Env. Eng.
0	SILVEX	LT	0.09 ug/l	Env. Eng.
1	SULFATE		11100 ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10 ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00 ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		1694000 ug/l	Env. Eng.
0	THALLIUM	LT	2 ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1600 ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		7 ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		7 ug/l	Env. Eng.
0	TOTAL PHOSPHATES		77 ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00 ug/l	Env. Eng.
0	TOXAPHENE	LT	1 ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5 ug/l	Env. Eng.
0	VANADIUM	LT	2 ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5 ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5 ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5 ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5 ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1 ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10 ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5 ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5 ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10 ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 ug/l	Env. Eng.
1	ZINC		502 ug/l	Env. Eng.
2	GROSS ALPHA		760+- 148 pCi/l	HP, 735A
2	GROSS ALPHA		174+-20.9 pCi/l	Rad. Meas.
2	NONVOLATILE BETA		2620+- 193 pCi/l	HP, 735A
2	NONVOLATILE BETA		1480+-35.5 pCi/l	Rad. Meas.
2	TOTAL RADIUM		11.30+-1.59 pCi/l	Rad. Meas.
2	TRITIUM		30700+- 616 pCi/ml	HP, 735A
2	TRITIUM		28600+- 185 pCi/ml	Rad. Meas.

WELL FSB 98A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/19/89 Time 845
Depth to water = 132.73 ft (40.46 m) below the TOC
Water elevation = 150.27 ft (45.80 m) msl
pH = 12.4 Alkalinity = 1161 mg/L
Specific Conductance = 5300 umhos/cm
Water Temperature = 18.7 degrees Celsius
Water evacuated from the well prior to sampling = 28 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		4420 UMHC	Env. Eng.
2	PH		11.5 pH	Env. Eng.
0	SILVER	LT	2 ug/l	Env. Eng.
0	SILVER	LT	2 ug/l	Env. Eng.
0	ARSENIC	LT	2 ug/l	Env. Eng.
0	ARSENIC	LT	2 ug/l	Env. Eng.
2	BARIUM		1230 ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5 ug/l	Env. Eng.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10 ug/l	Env. Eng.
1	CALCIUM		384000 ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5 ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00 ug/l	Env. Eng.
0	CADMIUM	LT	2 ug/l	Env. Eng.
0	BROMOFORM	LT	10 ug/l	Env. Eng.
0	CHLOROFORM	LT	5 ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5 ug/l	Env. Eng.
0	BROMOMETHANE	LT	10 ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10 ug/l	Env. Eng.
0	CHLORIDE	LT	1000 ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5 ug/l	Env. Eng.
0	COBALT	LT	4 ug/l	Env. Eng.
0	CHROMIUM	LT	4 ug/l	Env. Eng.
1	COPPER		22 ug/l	Env. Eng.
0	CYANIDE	LT	5 ug/l	Env. Eng.
0	CHLOROETHENE	LT	10 ug/l	Env. Eng.
0	CHLOROETHANE	LT	10 ug/l	Env. Eng.
0	BENZENE	LT	5 ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5 ug/l	Env. Eng.
0	ENDRIN	LT	0.10 ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5 ug/l	Env. Eng.
0	FLUORIDE		210 ug/l	Env. Eng.
0	FLUORIDE		220 ug/l	Env. Eng.
0	IRON	LT	20 ug/l	Env. Eng.
0	MERCURY	LT	0.20 ug/l	Env. Eng.
0	MERCURY	LT	0.20 ug/l	Env. Eng.
1	POTASSIUM		20400 ug/l	Env. Eng.
0	LINDANE	LT	0.05 ug/l	Env. Eng.
0	TOLUENE	LT	5 ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50 ug/l	Env. Eng.
0	MAGNESIUM		14 ug/l	Env. Eng.
0	MANGANESE	LT	2 ug/l	Env. Eng.
1	SODIUM		18100 ug/l	Env. Eng.
0	NICKEL		4 ug/l	Env. Eng.
0	NITRATE AS NITROGEN		104 ug/l	Env. Eng.
0	LEAD	LT	6 ug/l	Env. Eng.
0	PHENOLS	LT	5 ug/l	Env. Eng.
0	ANTIMONY	LT	3 ug/l	Env. Eng.
0	SELENIUM	LT	2 ug/l	Env. Eng.
0	SELENIUM	LT	2 ug/l	Env. Eng.
1	SILICA		1130 ug/l	Env. Eng.
0	SILVEX	LT	0.09 ug/l	Env. Eng.
0	SULFATE	LT	5000 ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10 ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00 ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		1156000 ug/l	Env. Eng.
0	THALLIUM	LT	2 ug/l	Env. Eng.
0	THALLIUM	LT	2 ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		4700 ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5 ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20 ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00 ug/l	Env. Eng.
0	TOXAPHENE	LT	1 ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5 ug/l	Env. Eng.
0	VANADIUM	LT	2 ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5 ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5 ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5 ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5 ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1 ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10 ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5 ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5 ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10 ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 ug/l	Env. Eng.
0	ZINC		6 ug/l	Env. Eng.
1	GROSS ALPHA		7.07+-6.92 pCi/l	Rad. Meas.
1	NONVOLATILE BETA		20.20+-12.4 pCi/l	Rad. Meas.
2	TOTAL RADIUM		9.83+-1.68 pCi/l	Rad. Meas.
1	TRITIUM		17.50+-0.43 pCi/ml	Rad. Meas.

WELL FSB 98C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/22/89 Time 1425
Depth to water = 76.25 ft (23.24 m) below the TOC
Water elevation = 206.85 ft (63.05 m) msl
pH = 3.4 Alkalinity = 0 mg/L
Specific Conductance = 1860 umhos/cm
Water Temperature = 20.2 degrees Celsius
Water evacuated from the well prior to sampling = 150 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		1790	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		1820	UMHC	Env. Eng.
1	PH		3.00	pH	Env. Eng.
1	PH		3.05	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
2	BARIUM		520	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		10000	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
2	CADMIUM		13	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		1700	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
1	COBALT		158	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CARBON DISULFIDE	LT	5	ug/l	Env. Eng.
1	COPPER		85	ug/l	Env. Eng.
1	CYANIDE		7	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
1	FLUORIDE		1600	ug/l	Env. Eng.
0	IRON		56	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1980	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		4670	ug/l	Env. Eng.
2	MANGANESE		3040	ug/l	Env. Eng.
1	SODIUM		115000	ug/l	Env. Eng.
1	NICKEL		34	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		218500	ug/l	Env. Eng.
0	LEAD	LT	60	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
2	SELENIUM		11	ug/l	Env. Eng.
1	SILICA		62800	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		1054000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1800	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		10	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		12	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		173	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		117	ug/l	Env. Eng.
2	GROSS ALPHA		884+- 158	pCi/l	HP, 735A
2	GROSS ALPHA		644+-49.1	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		2300+- 176	pCi/l	HP, 735A
2	NONVOLATILE BETA		2070+-59.6	pCi/l	Rad. Meas.
2	TOTAL RADIUM		120+-4.63	pCi/l	Rad. Meas.
2	TRITIUM		16800+- 337	pCi/ml	HP, 735A
2	TRITIUM		17100+- 142	pCi/ml	Rad. Meas.

WELL FSB 98D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/19/89 Time 910
Depth to water = 73.10 ft (22.30 m) below the TOC
Water elevation = 209.94 ft (63.99 m) msl
pH = 8.2 Alkalinity = 53 mg/L
Specific Conductance = 2500 umhos/cm
Water Temperature = 17.9 degrees Celsius
Water evacuated from the well prior to sampling = 2 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		2070	UMHC	Env. Eng.
0	PH		0.48	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
2	BARIUM		2190	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10	ug/l	Env. Eng.
1	CALCIUM		121000	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		1800	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
1	COBALT		18	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
1	COPPER		21	ug/l	Env. Eng.
1	COPPER		24	ug/l	Env. Eng.
1	CYANIDE		11	ug/l	Env. Eng.
1	CYANIDE		8	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	DIMETHYL PHTHALATE	LT	10	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		400	ug/l	Env. Eng.
0	IRON		145	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
1	POTASSIUM		78000	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
1	MAGNESIUM		5150	ug/l	Env. Eng.
2	MANGANESE		2230	ug/l	Env. Eng.
1	SODIUM		236000	ug/l	Env. Eng.
2	NICKEL		289	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		267800	ug/l	Env. Eng.
0	LEAD		19	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		4000	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		1782000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		2100	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		19	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		88	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
1	VANADIUM		3	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		45	ug/l	Env. Eng.
0	ZINC		51	ug/l	Env. Eng.
2	GROSS ALPHA		483+- 113	pCi/l	HP, 735A
2	GROSS ALPHA		145+- 28	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		2050+- 156	pCi/l	HP, 735A
2	NONVOLATILE BETA		1360+-49.7	pCi/l	Rad. Meas.
2	TOTAL RADIUM		50.50+-3.79	pCi/l	Rad. Meas.
2	TRITIUM		22100+- 583	pCi/ml	HP, 735A
2	TRITIUM		22900+- 185	pCi/ml	Rad. Meas.

WELL FSB 99A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/07/89 Time 945
Depth to water = 138.15 ft (42.11 m) below the TOC
Water elevation = 149.45 ft (45.55 m) msl
pH = 8.6 Alkalinity = 87 mg/L
Specific Conductance = 182 umhos/cm
Water Temperature = 19.4 degrees Celsius
Water evacuated from the well prior to sampling = 150 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		182.0	UMHC	Env. Eng.
2	PH		8.01	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		53	ug/l	Env. Eng.
0	BARIUM		48	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10	ug/l	Env. Eng.
1	CALCIUM		24600	ug/l	Env. Eng.
1	CALCIUM		25000	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2300	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		11	ug/l	Env. Eng.
0	COPPER		10	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		20	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		3510	ug/l	Env. Eng.
0	POTASSIUM		3290	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		1820	ug/l	Env. Eng.
0	MAGNESIUM		1450	ug/l	Env. Eng.
0	MANGANESE		6	ug/l	Env. Eng.
0	MANGANESE		6	ug/l	Env. Eng.
1	SODIUM		8320	ug/l	Env. Eng.
1	SODIUM		5520	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1320	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	LEAD		6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		15900	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		106000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		9	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		224	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		20	ug/l	Env. Eng.
0	ZINC		14	ug/l	Env. Eng.
0	GROSS ALPHA		1.78+-1.63	pCi/l	Rad. Meas.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		3.69+-1.08	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		3.40+-1.07	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.99+-0.54	pCi/l	Rad. Meas.

CONTINUED

WELL FSB 99A COLLECTED ON 03/07/89 LABORATORY ANALYSES CONTINUED

0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
2	TRITIUM		37.30+-0.83	pCi/ml	Rad. Meas.
2	TRITIUM		37.40+-0.83	pCi/ml	Rad. Meas.

WELL FSB 99C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/20/89 Time 1140
Depth to water = 80.24 ft (24.46 m) below the TOC
Water elevation = 207.40 ft (63.23 m) msl
pH = 6.3 Alkalinity = 14 mg/L
Specific Conductance = 230 umhos/cm
Water Temperature = 19.4 degrees Celsius
Water evacuated from the well prior to sampling = 139 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		232.0	UMHC	Env. Eng.
0	PH		6.15	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		82	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10	ug/l	Env. Eng.
1	CALCIUM		11200	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2480	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CARBON DISULFIDE	LT	5	ug/l	Env. Eng.
0	COPPER		9	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	DI-N-OCTYL PHTHALATE	LT	10	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		2660	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
1	MAGNESIUM		5050	ug/l	Env. Eng.
2	MANGANESE		55	ug/l	Env. Eng.
1	SODIUM		18200	ug/l	Env. Eng.
1	NICKEL		9	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		23100	ug/l	Env. Eng.
0	LEAD		10	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		8770	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		192000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		7	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		30	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
1	VANADIUM		3	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		24	ug/l	Env. Eng.
1	GROSS ALPHA		14.10+-6.02	pCi/l	HP. 735A
1	GROSS ALPHA		5.79+-1.84	pCi/l	Rad. Meas.
0	GROSS ALPHA		4.03+-1.94	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		58.10+-6.22	pCi/l	HP. 735A
1	NONVOLATILE BETA		42.20+-2.97	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		41.20+-2.97	pCi/l	Rad. Meas.
1	TOTAL RADIUM		4.12+-0.99	pCi/l	Rad. Meas.
1	TOTAL RADIUM		4.96+-1.09	pCi/l	Rad. Meas.
2	TRITIUM		2310+-46.3	pCi/ml	HP. 735A
2	TRITIUM		2340+-49.8	pCi/ml	Rad. Meas.
2	TRITIUM		2330+-49.7	pCi/ml	Rad. Meas.

WELL FSB 99D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/22/89 Time 1330
Depth to water = 78.00 ft (23.35 m) below the TOC
Water elevation = 211.00 ft (64.31 m) msl
pH = 4.6 Alkalinity = 0 mg/L
Specific Conductance = 70 umhos/cm
Water Temperature = 20.4 degrees Celsius
Water evacuated from the well prior to sampling = 34 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		74.10	UMHC	Env. Eng.
0	PH		4.29	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		20	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		2110	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		1900	ug/l	Env. Eng.
0	CHLORIDE		1900	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		5	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	DI-N-OCTYL PHTHALATE	LT	10	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		24	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		2080	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		410	ug/l	Env. Eng.
2	MANGANESE		68	ug/l	Env. Eng.
1	SODIUM		6550	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
1	NITRATE AS NITROGEN		5470	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		25800	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		86000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		63	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		17	ug/l	Env. Eng.
2	GROSS ALPHA		17.90+-7.68	pCi/l	HP, 735A
1	GROSS ALPHA		7.90+-1.55	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		33.60+-3.14	pCi/l	HP, 735A
1	NONVOLATILE BETA		35.12+-2.02	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.92+-0.49	pCi/l	Rad. Meas.
2	TRITIUM		209+-4.30	pCi/ml	HP, 735A
2	TRITIUM		180+-2.31	pCi/ml	Rad. Meas.

WELL FSB100A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/08/89 Time 1020
Depth to water = 135.61 ft (41.33 m) below the TOC
Water elevation = 150.39 ft (45.84 m) msl
pH = 10.7 Alkalinity = 130 mg/L
Specific Conductance = 470 umhos/cm
Water Temperature = 18.0 degrees Celsius
Water evacuated from the well prior to sampling = 19 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		413.0	UMHC	Env. Eng.
2	PH		10.2	pH	Env. Eng.
0	ACRYLONITRILE	LT	8	ug/l	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
1	ARSENIC		4	ug/l	Env. Eng.
0	BARIUM		22	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		3920	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
1	CHROMIUM		6	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
1	POTASSIUM		22000	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		103	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
1	SODIUM		67600	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
1	NITRATE AS NITROGEN		3110	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		1490	ug/l	Env. Eng.
1	SILICA		1470	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
1	SULFATE		25100	ug/l	Env. Eng.
0	SULFIDE	LT	1000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		238000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1800	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		9	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		227	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		9	ug/l	Env. Eng.
1	GROSS ALPHA		5.01+-3.69	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		17.90+-2.97	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.51+-0.40	pCi/l	Rad. Meas.
2	TRITIUM		89.00+-1.63	pCi/ml	Rad. Meas.

WELL FS0101A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/07/89 Time 1305
Depth to water = 134.67 ft (41.05 m) below the TOC
Water elevation = 150.53 ft (45.88 m) msl
pH = 7.5 Alkalinity = 63 mg/L
Specific Conductance = 159 umhos/cm
Water Temperature = 19.0 degrees Celsius
Water evacuated from the well prior to sampling = 152 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		161.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		174.0	UMHC	Env. Eng.
1	PH		7.06	pH	Env. Eng.
1	PH		7.15	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		45	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		25800	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2800	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		9	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	DI-N-OCTYL PHTHALATE	LT	10	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		130	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1970	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		606	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		2550	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1340	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		15100	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		6.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		110000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		9	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		151	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		7.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
1	VANADIUM		2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		2	ug/l	Env. Eng.
0	GROSS ALPHA		1.69+-1.21	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.84+-0.92	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.44+-0.43	pCi/l	Rad. Meas.
0	TRITIUM		0.84+-0.21	pCi/ml	Rad. Meas.

WELL FS0102C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/16/89 Time 1315
Depth to water = 6.38 ft (1.94 m) below the TOC
Water elevation = 194.74 ft (59.30 m) msl
pH = 4.5 Alkalinity = 0 mg/L
Specific Conductance = 610 umhos/cm
Water Temperature = 18.1 degrees Celsius
Water evacuated from the well prior to sampling = 142 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		583.0	UMHC	Env. Eng.
0	PH		4.46	pH	Env. Eng
0	SILVER	LT	2	ug/l	Env. Eng
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		135	ug/l	Env. Eng.
1	BARIUM		138	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		19900	ug/l	Env. Eng.
1	CALCIUM		20300	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
2	CADMIUM		7	ug/l	Env. Eng.
2	CADMIUM		8	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		1990	ug/l	Env. Eng.
0	CHLORIDE		2000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
1	COBALT		43	ug/l	Env. Eng
1	COBALT		45	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		16	ug/l	Env. Eng
0	CYANIDE	LT	5	ug/l	Env. Eng
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
1	FLUORIDE		700	ug/l	Env. Eng.
0	IRON		28	ug/l	Env. Eng.
0	IRON		33	ug/l	Env. Eng.
1	MERCURY		0.62	ug/l	Env. Eng.
0	POTASSIUM		1310	ug/l	Env. Eng.
0	POTASSIUM		1110	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
1	MAGNESIUM		7250	ug/l	Env. Eng.
1	MAGNESIUM		7450	ug/l	Env. Eng.
2	MANGANESE		1210	ug/l	Env. Eng.
2	MANGANESE		1240	ug/l	Env. Eng
1	SODIUM		66500	ug/l	Env. Eng
1	SODIUM		63500	ug/l	Env. Eng.
1	NICKEL		22	ug/l	Env. Eng
1	NICKEL		27	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		71200	ug/l	Env. Eng
0	LEAD	LT	6	ug/l	Env. Eng
0	LEAD		12	ug/l	Env. Eng
0	PHENOLS	LT	5	ug/l	Env. Eng
0	ANTIMONY	LT	3	ug/l	Env. Eng
0	ANTIMONY	LT	3	ug/l	Env. Eng
0	SELENIUM	LT	2	ug/l	Env. Eng
1	SILICA		9300	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		446000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	10	ug/l	Env. Eng
0	TOTAL ORGANIC HALOGENS	LT	[illegible]	ug/l	Env. Eng
0	TOTAL PHOSPHATES		93	ug/l	Env. Eng
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng
1	VANADIUM		3	ug/l	Env. Eng.
1	VANADIUM		2	ug/l	Env. Eng
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng
0	ZINC		73	ug/l	Env. Eng
2	GROSS ALPHA		43.50+-21.4	pCi/l	HP, 735A
2	GROSS ALPHA		25.70+-7.13	pCi/l	Rad. Meas
2	NONVOLATILE BETA		979+-74.4	pCi/l	HP, 735A
2	NONVOLATILE BETA		843+-16.1	pCi/l	Rad. Meas.
2	TOTAL RADIUM		10.80+-1.52	pCi/l	Rad. Meas.
2	TRITIUM		3070+-61.4	pCi/ml	HP, 735A
2	TRITIUM		2600+- 55	pCi/ml	Rad. Meas.

WELL FSB103C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/25/89 Time 1120
Depth to water = 41.66 ft (12.70 m) below the TOC
Water elevation = 200.74 ft (61.19 m) msl
pH = 6.1 Alkalinity = 8 mg/L
Specific Conductance = 220 umhos/cm
Water Temperature = 19.5 degrees Celsius
Water evacuated from the well prior to sampling = 154 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		203.0	UMHC	Env. Eng.
0	PH		5.75	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		50	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		16200	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2400	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
1	COPPER		32	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		200	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1590	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		2140	ug/l	Env. Eng.
2	MANGANESE		64	ug/l	Env. Eng.
1	SODIUM		8150	ug/l	Env. Eng.
0	NICKEL		8	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		19400	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		19500	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		13600	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		222000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		37	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		44	ug/l	Env. Eng.
0	GROSS ALPHA		2.07+-3.76	pCi/l	HP, 735A
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		39.10+-4.32	pCi/l	HP, 735A
1	NONVOLATILE BETA		24.17+-2.05	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.52+-0.41	pCi/l	Rad. Meas.
2	TRITIUM		646+- 13	pCi/ml	HP, 735A
2	TRITIUM		580+-4.08	pCi/ml	Rad. Meas.

WELL FSB104C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/25/89 Time 1220
Depth to water = 20.12 ft (6.13 m) below the TOC
Water elevation = 198.98 ft (60.65 m) msl
pH = 5.3 Alkalinity = 2 mg/L
Specific Conductance = 305 umhos/cm
Water Temperature = 18.2 degrees Celsius
Water evacuated from the well prior to sampling = 139 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		289.0	UMHC	Env. Eng
1	SPECIFIC CONDUCTANCE		284.0	UMHC	Env. Eng.
0	PH		5.04	pH	Env. Eng.
0	PH		5.09	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		63	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		23300	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng
0	BROMOFORM	LT	10	ug/l	Env. Eng
0	CHLOROFORM	LT	5	ug/l	Env. Eng
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2500	ug/l	Env. Eng
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng
0	COBALT	LT	4	ug/l	Env. Eng
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		10	ug/l	Env. Eng
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1930	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng
0	TOLUENE	LT	5	ug/l	Env. Eng
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		4100	ug/l	Env. Eng.
1	MANGANESE		31	ug/l	Env. Eng
1	SODIUM		11100	ug/l	Env. Eng.
1	NICKEL		10	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		33700	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng
1	SILICA		11200	ug/l	Env. Eng
0	SILVEX	LT	0.09	ug/l	Env. Eng
0	SULFATE	LT	5000	ug/l	Env. Eng
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		318000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		53	ug/l	Env. Eng
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env Eng
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env Eng
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng
0	ZINC		55	ug/l	Env. Eng
0	GROSS ALPHA		0.35+-3.71	pCi/l	HP, 735A
0	GROSS ALPHA	LT	3	pCi/l	Rad Meas
2	NONVOLATILE BETA		50.60+-6.55	pCi/l	HP, 735A
1	NONVOLATILE BETA		44.30+-2.84	pCi/l	Rad. Meas
0	TOTAL RADIUM		1.24+-0.58	pCi/l	Rad. Meas
2	TRITIUM		961+-19.3	pCi/ml	HP, 735A
2	TRITIUM		881+-5.18	pCi/ml	Rad. Meas

WELL FSB104D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/25/89 Time 1155
Depth to water = 16.76 ft (5.11 m) below the TOC
Water elevation = 202.44 ft (61.70 m) msl
pH = 3.6 Alkalinity = 0 mg/L
Specific Conductance = 1710 umhos/cm
Water Temperature = 16.8 degrees Celsius
Water evacuated from the well prior to sampling = 77 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		1910	UMHC	Env. Eng.
1	PH		3.13	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		443	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		6300	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
2	CADMIUM		13	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		1500	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
1	COBALT		155	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
1	COPPER		57	ug/l	Env. Eng.
1	CYANIDE		7	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
1	FLUORIDE		1400	ug/l	Env. Eng.
0	IRON		133	ug/l	Env. Eng.
0	MERCURY		0.26	ug/l	Env. Eng.
0	POTASSIUM		910	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		3730	ug/l	Env. Eng.
2	MANGANESE		3540	ug/l	Env. Eng.
1	SODIUM		117000	ug/l	Env. Eng.
1	NICKEL		41	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		191000	ug/l	Env. Eng.
0	LEAD	LT	600	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		62900	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		982000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		129	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		103	ug/l	Env. Eng.
2	GROSS ALPHA		872+- 155	pCi/l	HP. 735A
2	GROSS ALPHA		788+-53.6	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		1950+- 152	pCi/l	HP. 735A
2	NONVOLATILE BETA		2160+-60.6	pCi/l	Rad. Meas.
2	TOTAL RADIUM		75.20+-4.52	pCi/l	Rad. Meas.
2	TRITIUM		12700+- 254	pCi/ml	HP. 735A
2	TRITIUM		9410+- 106	pCi/ml	Rad. Meas.

WELL FSB105C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/22/89 Time 1610
Depth to water = 80.42 ft (24.51 m) below the TOC
Water elevation = 205.38 ft (62.60 m) msl
pH = 3.5 Alkalinity = 0 mg/L
Specific Conductance = 2200 umhos/cm
Water Temperature = 19.9 degrees Celsius
Water evacuated from the well prior to sampling = 49 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		1960	UMHC	Env. Eng.
1	PH		3.20	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
2	ARSENIC		42	ug/l	Env. Eng.
2	BARIUM		690	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		12400	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
2	CADMIUM		20	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		1900	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
1	COBALT		287	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
1	COPPER		103	ug/l	Env. Eng.
1	CYANIDE		8	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
2	FLUORIDE		3800	ug/l	Env. Eng.
0	IRON		53	ug/l	Env. Eng
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		2380	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
1	MAGNESIUM		7760	ug/l	Env. Eng.
2	MANGANESE		4880	ug/l	Env. Eng
1	SODIUM		113000	ug/l	Env. Eng.
1	NICKEL		60	ug/l	Env. Eng
2	NITRATE AS NITROGEN		218300	ug/l	Env. Eng.
0	LEAD	LT	60	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng
0	ANTIMONY	LT	3	ug/l	Env. Eng
0	SELENIUM	LT	2	ug/l	Env. Eng
1	SILICA		34900	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng
0	TOTAL DISSOLVED SOLIDS		1032000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		11	ug/l	Env. Eng.
1	TOTAL PHOSPHATES		349	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng
0	ZINC		195	ug/l	Env. Eng
2	GROSS ALPHA		516+- 109	pCi/l	HP. 735A
2	GROSS ALPHA		330+-35.8	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		2420+- 184	pCi/l	HP. 735A
2	NONVOLATILE BETA		1940+-56.9	pCi/l	Rad. Meas.
2	TOTAL RADIUM		23.0+-8.34	pCi/l	Rad. Meas.
2	TRITIUM		15400+- 308	pCi/ml	HP. 735A
2	TRITIUM		16200+- 140	pCi/ml	Rad. Meas.

WELL FSB105D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/19/89 Time 1120
Depth to water = 77.47 ft (23.61 m) below the TOC
Water elevation = 208.33 ft (63.50 m) msl
pH = 3.9 Alkalinity = 0 mg/L
Specific Conductance = 2900 umhos/cm
Water Temperature = 17.4 degrees Celsius
Water evacuated from the well prior to sampling = 1 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		2160	UMHC	Env. Eng.
1	PH		3.69	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
1	ARSENIC		3	ug/l	Env. Eng.
2	BARIUM		660	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		18800	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
2	CADMIUM		16	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE	LT	1000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
1	COBALT		54	ug/l	Env. Eng.
1	CHROMIUM		13	ug/l	Env. Eng.
1	COPPER		137	ug/l	Env. Eng.
1	CYANIDE		8	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
2	FLUORIDE		3500	ug/l	Env. Eng.
2	IRON		3060	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		4630	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
1	MAGNESIUM		8380	ug/l	Env. Eng.
2	MANGANESE		1830	ug/l	Env. Eng.
1	SODIUM		126000	ug/l	Env. Eng.
1	NICKEL		72	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		267000	ug/l	Env. Eng.
2	LEAD		206	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	4	ug/l	Env. Eng.
1	SILICA		30100	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		1138000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1400	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		31	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		155	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROEYHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
1	2,4-DICHLOROPHENOXYACETIC ACID		0.87	ug/l	Env. Eng.
1	ZINC		310	ug/l	Env. Eng.
2	GROSS ALPHA		772+- 148	pCi/l	HP, 735A
2	GROSS ALPHA		474+-37.2	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		3000+- 217	pCi/l	HP, 735A
2	NONVOLATILE BETA		2088+-26.7	pCi/l	Rad. Meas.
2	TOTAL RADIUM		49.30+-3.14	pCi/l	Rad. Meas.
2	TRITIUM		25900+- 518	pCi/ml	HP, 735A
2	TRITIUM		25400+- 174	pCi/ml	Rad. Meas.

WELL FSB106C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/16/89 Time 1355
Depth to water = 35.00 ft (10.67 m) below the TOC
Water elevation = 200.10 ft (60.99 m) msl
pH = 5.1 Alkalinity = 5 mg/L
Specific Conductance = 680 umhos/cm
Water Temperature = 18.6 degrees Celsius
Water evacuated from the well prior to sampling = 130 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		648.0	UMHC	Env. Eng.
0	PH		4.84	pH	Env. Eng
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		205	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		34300	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
2	CADMIUM		11	ug/l	Env. Eng
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng
0	BROMOMETHANE	LT	10	ug/l	Env. Eng
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2850	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng
1	COBALT		58	ug/l	Env. Eng
0	CHROMIUM	LT	4	ug/l	Env. Eng
1	COPPER		23	ug/l	Env. Eng
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
1	FLUORIDE		900	ug/l	Env. Eng.
0	IRON		28	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1350	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
1	MAGNESIUM		8320	ug/l	Env. Eng
2	MANGANESE		1600	ug/l	Env. Eng.
1	SODIUM		51100	ug/l	Env. Eng.
1	NICKEL		19	ug/l	Env. Eng
2	NITRATE AS NITROGEN		75000	ug/l	Env. Eng
2	NITRATE AS NITROGEN		75200	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	4	ug/l	Env. Eng.
1	SILICA		6240	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		518000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1600	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		118	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		123	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng
0	ZINC		80	ug/l	Env. Eng.
2	GROSS ALPHA		82.00+-29.6	pCi/l	HP, 735A
2	GROSS ALPHA		58.30+- 10	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		1710+- 122	pCi/l	HP, 735A
2	NONVOLATILE BETA		1747+-23.2	pCi/l	Rad. Meas
2	TOTAL RADIUM		29.00+-2.40	pCi/l	Rad. Meas
2	TRITIUM		2520+-50.6	pCi/ml	HP, 735A
2	TRITIUM		2740+-57.8	pCi/ml	Rad. Meas

WELL FSB107C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/26/89 Time 1545
Depth to water = 62.42 ft (19.03 m) below the TOC
Water elevation = 208.48 ft (63.55 m) msl
pH = 7.1 Alkalinity = 64 mg/L
Specific Conductance = 210 umhos/cm
Water Temperature = 19.6 degrees Celsius
Water evacuated from the well prior to sampling = 165 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		206.0	UMHC	Env. Eng.
1	PH		6.63	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		25	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		22400	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		10	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		200	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		954	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		1780	ug/l	Env. Eng.
1	MANGANESE		43	ug/l	Env. Eng.
1	SODIUM		7000	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
1	NITRATE AS NITROGEN		6500	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		6840	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		176000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		72	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		76	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
1	VANADIUM		3	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		12	ug/l	Env. Eng.
0	GROSS ALPHA		0.79+-2.82	pCi/l	HP, 735A
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		50.10+-5.10	pCi/l	HP, 735A
1	NONVOLATILE BETA		40.79+-2.59	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		41.10+-2.69	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.44+-0.41	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.26+-0.58	pCi/l	Rad. Meas.
2	TRITIUM		177+-3.67	pCi/ml	HP, 735A
2	TRITIUM		178+-2.22	pCi/ml	Rad. Meas.
2	TRITIUM		176+-2.20	pCi/ml	Rad. Meas.

WELL FSB107D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/26/89 Time 1830
Depth to water = 59.32 ft (18.08 m) below the TOC
Water elevation = 211.68 ft (64.52 m) msl
pH = 3.7 Alkalinity = 0 mg/L
Specific Conductance = 740 umhos/cm
Water Temperature = 19.9 degrees Celsius
Water evacuated from the well prior to sampling = 43 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		713.0	UMHC	Env. Eng.
1	PH		3.50	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
1	ARSENIC		9	ug/l	Env. Eng.
1	BARIUM		234	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		4550	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
2	CADMIUM		8	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		1200	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
1	COBALT		21	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
1	COPPER		49	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
1	FLUORIDE		1600	ug/l	Env. Eng.
2	IRON		363	ug/l	Env. Eng.
1	MERCURY		0.50	ug/l	Env. Eng.
0	POTASSIUM		1370	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		3770	ug/l	Env. Eng.
2	MANGANESE		934	ug/l	Env. Eng.
1	SODIUM		44900	ug/l	Env. Eng.
1	NICKEL		19	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		80400	ug/l	Env. Eng.
0	LEAD		14	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		19000	ug/l	Env. Eng.
1	SILICA		19000	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		398000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		370000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		7	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		53	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		65	ug/l	Env. Eng.
2	GROSS ALPHA		600+-98.5	pCi/l	HP, 735A
2	GROSS ALPHA		545+-23.8	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		2130+- 154	pCi/l	HP, 735A
2	NONVOLATILE BETA		1950+-23.6	pCi/l	Rad. Meas.
2	TOTAL RADIUM		42.60+-3.42	pCi/l	Rad. Meas.
2	TRITIUM		5170+- 105	pCi/ml	HP, 735A
2	TRITIUM		4810+-75.2	pCi/ml	Rad. Meas.

WELL FSB108D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/08/89 Time 940
Depth to water = 83.39 ft (25.42 m) below the TOC
Water elevation = 214.61 ft (65.41 m) msl
pH = 6.7 Alkalinity = 16 mg/L
Specific Conductance = 71 umhos/cm
Water Temperature = 17.1 degrees Celsius
Water evacuated from the well prior to sampling = 3 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		80.90	UMHC	Env. Eng.
1	PH		6.77	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		14	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10	ug/l	Env. Eng.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10	ug/l	Env. Eng.
0	CALCIUM		7360	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3300	ug/l	Env. Eng.
0	CHLORIDE		3400	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		6	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	DI-N-OCTYL PHTHALATE	LT	10	ug/l	Env. Eng.
0	DI-N-OCTYL PHTHALATE	LT	10	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		50	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		531	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHYLETHYL KETONE	LT	100	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		405	ug/l	Env. Eng.
1	MANGANESE		31	ug/l	Env. Eng.
0	SODIUM		3930	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng
0	NITRATE AS NITROGEN		1410	ug/l	Env. Eng.
0	LEAD		7	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		7170	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		34000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		8	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		25	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		60	ug/l	Env. Eng.
0	GROSS ALPHA		1.23+-1.00	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.44+-0.88	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
1	TRITIUM		13.40+-0.38	pCi/ml	Rad. Meas.

WELL FSB109D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/20/89 Time 1020
Depth to water = 81.54 ft (24.85 m) below the TOC
Water elevation = 211.56 ft (64.48 m) msl
pH = 5.7 Alkalinity = 7 mg/L
Specific Conductance = 77 umhos/cm
Water Temperature = 20.8 degrees Celsius
Water evacuated from the well prior to sampling = 17 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		75.90	UMHC	Env. Eng.
0	PH		5.50	pH	Env. Eng
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng
0	BARIUM		18	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10	ug/l	Env. Eng.
0	CALCIUM		3220	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng
0	CHLOROFORM	LT	5	ug/l	Env. Eng
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng
0	BROMOMETHANE	LT	10	ug/l	Env. Eng
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3240	ug/l	Env. Eng
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng
0	COBALT	LT	4	ug/l	Env. Eng
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		20	ug/l	Env. Eng
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	DI-N-OCTYL PHTHALATE	LT	10	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		210	ug/l	Env. Eng.
0	IRON		34	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		1470	ug/l	Env. Eng.
0	MANGANESE		17	ug/l	Env. Eng.
1	SODIUM		18900	ug/l	Env. Eng.
1	NICKEL		27	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		12800	ug/l	Env. Eng.
0	LEAD		6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng
0	SELENIUM	LT	2	ug/l	Env. Eng
1	SILICA		7510	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng
0	TOTAL DISSOLVED SOLIDS		68000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		32	ug/l	Env. Eng
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng
2	TRICHLOROETHYLENE		25.0	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng
0	VANADIUM	LT	2	ug/l	Env. Eng
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		42	ug/l	Env. Eng
0	GROSS ALPHA		0.70+-0.72	pCi/l	HP, 735A
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas
0	NONVOLATILE BETA		6.13+-1.49	pCi/l	HP, 735A
0	NONVOLATILE BETA		7.10+-1.25	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas
2	TRITIUM		379+-7.69	pCi/ml	HP, 735A
2	TRITIUM		743+-4.58	pCi/ml	Rad. Meas

WELL FSB110C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/16/89 Time 1235
Depth to water = 34.08 ft (10.39 m) below the TOC
Water elevation = 199.92 ft (60.94 m) msl
pH = 9.4 Alkalinity = 19 mg/L
Specific Conductance = 320 umhos/cm
Water Temperature = 20.7 degrees Celsius
Water evacuated from the well prior to sampling = 179 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	LT	10.00	UMHC	Env. Eng.
2	PH		8.97	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		85	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		24900	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2780	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
1	COPPER		34	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		190	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
1	POTASSIUM		5790	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		1870	ug/l	Env. Eng.
0	MANGANESE		6	ug/l	Env. Eng.
1	SODIUM		17100	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		28700	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		8730	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		240000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		242000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		67	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
1	VANADIUM		3	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		8	ug/l	Env. Eng.
0	GROSS ALPHA		0.43+-1.02	pCi/l	HP, 735A
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		37.70+-4.92	pCi/l	HP, 735A
1	NONVOLATILE BETA		41.60+-3.05	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
2	TRITIUM		801+-16.1	pCi/ml	HP, 735A
2	TRITIUM		844+-4.83	pCi/ml	Rad. Meas.

WELL FSB110D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/16/89 Time 1125
Depth to water = 30.91 ft (9.42 m) below the TOC
Water elevation = 203.59 ft (62.05 m) msl
pH = 3.1 Alkalinity = 0 mg/L
Specific Conductance = 3950 umhos/cm
Water Temperature = 20.4 degrees Celsius
Water evacuated from the well prior to sampling = 51 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		3240	UMHC	Env. Eng.
2	PH		2.96	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng
0	ARSENIC	LT	10	ug/l	Env. Eng.
1	BARIUM		253	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		1710	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE	LT	1000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
1	COBALT		32	ug/l	Env. Eng.
1	CHROMIUM		17	ug/l	Env. Eng.
1	COPPER		95	ug/l	Env. Eng.
1	CYANIDE		17	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
1	FLUORIDE		1200	ug/l	Env. Eng.
2	IRON		698	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		2550	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		1290	ug/l	Env. Eng.
2	MANGANESE		1660	ug/l	Env. Eng.
1	SODIUM		67500	ug/l	Env. Eng.
1	NICKEL		64	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		446900	ug/l	Env. Eng.
0	LEAD	LT	300	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
2	SELENIUM		23	ug/l	Env. Eng.
1	SILICA		146000	ug/l	Env. Eng
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng
1	SULFATE		33100	ug/l	Env. Eng
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		1340000	ug/l	Env. Eng
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		2700	ug/l	Env. Eng
1	TOTAL ORGANIC HALOGENS		14	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		186	ug/l	Env. Eng
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.

CONTINUED

WELL FSB110D COLLECTED ON 02/16/89 LABORATORY ANALYSES CONTINUED

0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		197	ug/l	Env. Eng.
2	GROSS ALPHA		1030+- 177	pCi/l	HP, 735A
2	GROSS ALPHA		1070+-69.7	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		1330+- 108	pCi/l	HP, 735A
2	NONVOLATILE BETA		1472+-50.7	pCi/l	Rad. Meas.
2	TOTAL RADIUM		36.30+-2.69	pCi/l	Rad. Meas.
2	TRITIUM		27800+- 558	pCi/ml	HP, 735A
2	TRITIUM		32200+- 192	pCi/ml	Rad. Meas.

WELL FSB111C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/11/89 Time 1225
Depth to water = 66.83 ft (20.37 m) below the TOC
Water elevation = 209.47 ft (63.85 m) msl
pH = 5.4 Alkalinity = 10 mg/L
Specific Conductance = 57 umhos/cm
Water Temperature = 19.0 degrees Celsius
Water evacuated from the well prior to sampling = 156 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		50.00	UMHC	Env. Lab.
0	SPECIFIC CONDUCTANCE		52.90	UMHC	W. A.
0	SPECIFIC CONDUCTANCE		52.20	UMHC	Env. Eng.
0	PH		5.70	pH	Env. Lab.
0	PH		5.90	pH	W. A.
0	PH		5.61	pH	Env. Eng.
0	SILVER	LT	10	ug/l	Env. Lab.
0	SILVER	LT	10	ug/l	W. A.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	200	ug/l	W. A.
0	ARSENIC	LT	5	ug/l	Env. Lab.
0	ARSENIC	LT	10	ug/l	W. A.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	100	ug/l	Env. Lab.
0	BARIUM	LT	200	ug/l	W. A.
0	BARIUM		8	ug/l	Env. Eng.
0	BERYLLIUM	LT	5	ug/l	W. A.
0	BROMODICHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	BROMODICHLOROMETHANE	LT	5	ug/l	W. A.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		5600	ug/l	Env. Lab.
0	CALCIUM		5120	ug/l	W. A.
1	CALCIUM		13200	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	1	ug/l	Env. Lab.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	W. A.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Lab.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	W. A.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	10	ug/l	Env. Lab.
0	CADMIUM	LT	5	ug/l	W. A.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	1	ug/l	Env. Lab.
0	BROMOFORM	LT	5	ug/l	W. A.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Lab.
0	CHLOROFORM	LT	5	ug/l	W. A.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	1	ug/l	Env. Lab.
0	METHYLENE CHLORIDE	LT	5	ug/l	W. A.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	1	ug/l	Env. Lab.
0	BROMOMETHANE	LT	10	ug/l	W. A.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	CHLOROMETHANE	LT	10	ug/l	W. A.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3500	ug/l	Env. Lab.
0	CHLORIDE		6000	ug/l	W. A.
0	CHLORIDE		3600	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	CHLOROBENZENE	LT	5	ug/l	W. A.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	50	ug/l	Env. Lab.
0	COBALT	LT	50	ug/l	W. A.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	50	ug/l	Env. Lab.
0	CHROMIUM	LT	10	ug/l	W. A.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	20	ug/l	Env. Lab.
0	COPPER	LT	25	ug/l	W. A.
0	COPPER		6	ug/l	Env. Eng.
0	CYANIDE	LT	20	ug/l	Env. Lab.
0	CYANIDE	LT	10	ug/l	W. A.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	1	ug/l	Env. Lab.
0	CHLOROETHENE	LT	10	ug/l	W. A.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	1	ug/l	Env. Lab.
0	CHLOROETHANE	LT	10	ug/l	W. A.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	1	ug/l	Env. Lab.
0	BENZENE	LT	5	ug/l	W. A.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	W. A.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.05	ug/l	Env. Lab.
0	ENDRIN	LT	0.11	ug/l	W. A.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	1	ug/l	Env. Lab.
0	ETHYLBENZENE	LT	5	ug/l	W. A.

CONTINUED

WELL FSB111C COLLECTED ON 03/11/89 LABORATORY ANALYSES CONTINUED

0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Lab.
0	FLUORIDE	LT	100	ug/l	W. A.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		40	ug/l	Env. Lab.
0	IRON	LT	100	ug/l	W. A.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Lab.
0	MERCURY	LT	0.20	ug/l	W. A.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	1000	ug/l	Env. Lab.
0	POTASSIUM	LT	5000	ug/l	W. A.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	LITHIUM	LT	50	ug/l	W. A.
0	LINDANE	LT	0.05	ug/l	Env. Lab.
0	LINDANE	LT	0.05	ug/l	W. A.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	1	ug/l	Env. Lab.
0	TOLUENE	LT	5	ug/l	W. A.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.05	ug/l	Env. Lab.
0	METHOXYCHLOR	LT	0.54	ug/l	W. A.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		370	ug/l	Env. Lab.
0	MAGNESIUM	LT	5000	ug/l	W. A.
0	MAGNESIUM		375	ug/l	Env. Eng.
0	MANGANESE	LT	20	ug/l	Env. Lab.
0	MANGANESE	LT	15	ug/l	W. A.
0	MANGANESE		8	ug/l	Env. Eng.
0	SODIUM		3000	ug/l	Env. Lab.
0	SODIUM	LT	5000	ug/l	W. A.
0	SODIUM		3230	ug/l	Env. Eng.
0	NICKEL	LT	50	ug/l	Env. Lab.
0	NICKEL	LT	40	ug/l	W. A.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		2000	ug/l	Env. Lab.
0	NITRATE AS NITROGEN		1700	ug/l	W. A.
0	NITRATE AS NITROGEN		1820	ug/l	Env. Eng.
0	LEAD	LT	100	ug/l	Env. Lab.
0	LEAD	LT	5	ug/l	W. A.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Lab.
0	PHENOLS	LT	5	ug/l	W. A.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	200	ug/l	Env. Lab.
0	ANTIMONY	LT	60	ug/l	W. A.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	10	ug/l	Env. Lab.
0	SELENIUM	LT	5	ug/l	W. A.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		10460	ug/l	Env. Lab.
1	SILICA		4110	ug/l	W. A.
1	SILICA		9580	ug/l	Env. Eng.
0	SILVEX	LT	0.50	ug/l	Env. Lab.
0	SILVEX	LT	0.53	ug/l	W. A.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	TIN	LT	100	ug/l	W. A.
0	SULFATE		7000	ug/l	Env. Lab.
0	SULFATE	LT	5000	ug/l	W. A.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,2,2-TETRACHLOROETHANE	LT	5	ug/l	W. A.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		2.00	ug/l	Env. Lab.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	W. A.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		56000	ug/l	Env. Lab.
0	TOTAL DISSOLVED SOLIDS		46000	ug/l	W. A.
0	TOTAL DISSOLVED SOLIDS		32000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		40000	ug/l	Env. Eng.
0	O,O,O-TRIETHYL PHOSPHOROTHIOATE	LT	1	ug/l	W. A.
0	THALLIUM	LT	100	ug/l	Env. Lab.
0	THALLIUM	LT	10	ug/l	W. A.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	5000	ug/l	Env. Lab.
0	TOTAL ORGANIC CARBON		1200	ug/l	W. A.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	10	ug/l	Env. Lab.
0	TOTAL ORGANIC HALOGENS	LT	20	ug/l	W. A.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		120	ug/l	Env. Lab.
0	TOTAL PHOSPHATES		130	ug/l	W. A.
0	TOTAL PHOSPHATES		141	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		3.30	ug/l	Env. Lab.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	W. A.
2	TRICHLOROETHYLENE		6.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	0.05	ug/l	Env. Lab.
0	TOXAPHENE	LT	1	ug/l	W. A.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	Env. Lab.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	W. A.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	URANIUM	LT	1000	ug/l	W. A.
0	VANADIUM	LT	1000	ug/l	Env. Lab.
0	VANADIUM	LT	50	ug/l	W. A.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	XYLENES	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	W. A.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHANE	LT	5	ug/l	W. A.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	W. A.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	W. A.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.

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WELL FSB111C COLLECTED ON 03/11/89 LABORATORY ANALYSES CONTINUED

0	1,2-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROETHANE	LT	5	ug/l	W. A.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROPROPANE	LT	5	ug/l	W. A.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	1,3-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	CIS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	W. A.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	W. A.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	1,4-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	2-CHLOROETHYLVINYL ETHER	LT	1	ug/l	Env. Lab.
0	2-CHLOROETHYLVINYL ETHER	LT	5	ug/l	W. A.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.50	ug/l	Env. Lab.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	1	ug/l	W. A.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	2,4,5-TRICHLOROPHENOXYACETIC ACID	LT	0.53	ug/l	W. A.
0	ZINC	LT	10	ug/l	Env. Lab.
0	ZINC	LT	20	ug/l	W. A.
0	ZINC		19	ug/l	Env. Eng.
0	GROSS ALPHA	LT	1	pCi/l	Env. Lab.
0	GROSS ALPHA		0.00+-5.00	pCi/l	W. A.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Env. Lab.
0	NONVOLATILE BETA		4.00+-3.00	pCi/l	W. A.
0	NONVOLATILE BETA		1.25+-0.76	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	0.41	pCi/l	Env. Lab.
0	TOTAL RADIUM		0.00+-0.20	pCi/l	W. A.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		5	pCi/ml	Env. Lab.
0	TRITIUM		8.90+-0.70	pCi/ml	W. A.
0	TRITIUM		6.71+-0.32	pCi/ml	Rad. Meas.

WELL FSB111C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/11/89 Time 1225
Depth to water = 66.83 ft (20.37 m) below the TOC
Water elevation = 209.47 ft (63.85 m) msl
pH = 5.4 Alkalinity = 10 mg/L
Specific Conductance = 57 umhos/cm
Water Temperature = 19.0 degrees Celsius
Water evacuated from the well prior to sampling = 156 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		51.20	UMHC	Env. Eng.
0	PH		5.54	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		8	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		6080	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3600	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		7	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		21	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		375	ug/l	Env. Eng.
0	MANGANESE		9	ug/l	Env. Eng.
0	SODIUM		3210	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1810	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		9460	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		20000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		6	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		7	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		155	ug/l	Env. Eng.

CONTINUED

WELL FSB111C COLLECTED ON 03/11/89 LABORATORY ANALYSES CONTINUED

2	TRICHLOROETHYLENE		5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		34	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		0.97+-0.83	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		6.87+-0.32	pCi/ml	Rad. Meas.

WELL FSB111D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/07/89 Time 1430
Depth to water = 63.96 ft (19.50 m) below the TOC
Water elevation = 212.64 ft (64.81 m) msl
pH = 5.0 Alkalinity = 0 mg/L
Specific Conductance = 40 umhos/cm
Water Temperature = 19.5 degrees Celsius
Water evacuated from the well prior to sampling = 44 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		80.00	UMHC	Env. Eng.
0	PH		4.80	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		19	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		1450	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2600	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		702	ug/l	Env. Eng.
1	MANGANESE		39	ug/l	Env. Eng.
0	SODIUM		3360	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		2120	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		7570	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		11.0	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		32000	ug/l	Env. Eng.
0	THALLIUM	LT	2	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		15	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		13.0	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		26	ug/l	Env. Eng.
0	GROSS ALPHA		1.66+-0.91	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		8.86+-1.26	pCi/l	Rad. Meas.

CONTINUED

WELL FSB111D COLLECTED ON 03/07/89 LABORATORY ANALYSES CONTINUED

0	TOTAL RADIUM		0.44+-0.42 pCi/l	Rad. Meas.
0	TRITIUM		8.46+-0.32 pCi/ml	Rad. Meas.

WELL FSS 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/19/89 Time 1135
Depth to water = 44.92 ft (13.69 m) below the TOC
Water elevation = 221.08 ft (67.39 m) msl
pH = 9.5 Alkalinity = 280 mg/L
Specific Conductance = 164 umhos/cm
Water Temperature = 20.7 degrees Celsius
Water evacuated from the well prior to sampling = 6 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		153.0	UMHC	Env. Eng.
2	PH		9.00	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		17	ug/l	Env. Eng.
1	CALCIUM		106000	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLORIDE		3500	ug/l	Env. Eng.
1	CHROMIUM		12	ug/l	Env. Eng.
1	COPPER		23	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		22	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
1	POTASSIUM		7990	ug/l	Env. Eng.
0	MAGNESIUM		25	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
1	SODIUM		14700	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRITE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1110	ug/l	Env. Eng.
2	LEAD		68	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		5380	ug/l	Env. Eng.
1	SULFATE		16500	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		158000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		2000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		128	ug/l	Env. Eng.
0	GROSS ALPHA		4.47+-2.87	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		7.61+-1.44	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.73+-0.67	pCi/l	Rad. Meas.
0	TRITIUM		5.35+-0.31	pCi/ml	Rad. Meas.

WELL FSS 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/19/89 Time 1120
Depth to water = 41.14 ft (12.54 m) below the TOC
Water elevation = 220.46 ft (67.20 m) msl
pH = 5.8 Alkalinity = 6 mg/L
Specific Conductance = 82 umhos/cm
Water Temperature = 20.4 degrees Celsius
Water evacuated from the well prior to sampling = 7 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		77.02	UMHC	Env. Eng.
0	PH		5.69	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		24	ug/l	Env. Eng.
0	CALCIUM		3190	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLORIDE		3800	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
2	IRON		452	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1180	ug/l	Env. Eng.
0	MAGNESIUM		723	ug/l	Env. Eng.
2	MANGANESE		535	ug/l	Env. Eng.
1	SODIUM		8430	ug/l	Env. Eng.
1	NICKEL		16	ug/l	Env. Eng.
0	NITRITE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		518	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		10400	ug/l	Env. Eng.
0	SULFATE		8600	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		70000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1200	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		6	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		35	ug/l	Env. Eng.
1	GROSS ALPHA		5.50+-1.48	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.77+-0.93	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.49+-0.82	pCi/l	Rad. Meas.
2	TRITIUM		341+-2.99	pCi/ml	Rad. Meas.

WELL FSS 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/19/89 Time 1100
Depth to water = 39.95 ft (12.18 m) below the TOC
Water elevation = 218.25 ft (66.52 m) msl
pH = 5.5 Alkalinity = 1 mg/L
Specific Conductance = 54 umhos/cm
Water Temperature = 19.7 degrees Celsius
Water evacuated from the well prior to sampling = 8 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		53.87	UMHC	Env. Eng.
0	PH		5.24	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		17	ug/l	Env. Eng.
0	CALCIUM		1330	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLORIDE		3900	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		12	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		119	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		855	ug/l	Env. Eng.
0	MAGNESIUM		797	ug/l	Env. Eng.
2	MANGANESE		100	ug/l	Env. Eng.
0	SODIUM		4930	ug/l	Env. Eng.
1	NICKEL		16	ug/l	Env. Eng.
0	NITRITE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	LT	50	ug/l	Env. Eng.
2	LEAD		62	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		7230	ug/l	Env. Eng.
0	SULFATE		9500	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		50000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1400	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		6	ug/l	Env.
1	TOTAL PHOSPHATES		399	ug/l	Env.
0	GROSS ALPHA		1.57+-0.90	pCi/l	Rad.
0	NONVOLATILE BETA		2.35+-0.90	pCi/l	Rad.
0	TOTAL RADIUM		1.29+-0.79	pCi/l	Rad. Meas.
2	TRITIUM		76.08+-1.51	pCi/ml	Rad. Meas.

WELL FSS 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/19/89 Time 1155
Depth to water = 76.55 ft (23.33 m) below the TOC
Water elevation = 215.25 ft (65.61 m) msl
pH = 5.1 Alkalinity = 9 mg/L
Specific Conductance = 49 umhos/cm
Water Temperature = 19.7 degrees Celsius
Water evacuated from the well prior to sampling = 9 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		55.80	UMHC	Env. Eng.
0	PH		4.91	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		10	ug/l	Env. Eng.
0	CALCIUM		1930	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLORIDE		4000	ug/l	Env. Eng.
0	CHLORIDE		4200	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
2	IRON		342	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		595	ug/l	Env. Eng.
0	MAGNESIUM		851	ug/l	Env. Eng.
0	MANGANESE		19	ug/l	Env. Eng.
0	SODIUM		4410	ug/l	Env. Eng.
0	NICKEL		7	ug/l	Env. Eng.
0	NITRITE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		2620	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		9360	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		54000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		27	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		26	ug/l	Env. Eng.
0	GROSS ALPHA		0.88+-0.73	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		4.90+-0.31	pCi/ml	Rad. Meas.

WELL FTF 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/11/89 Time 915
The well was dry.

WELL FTF 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/11/89 Time 920
Depth to water = 58.80 ft (17.92 m) below the TOC
Water elevation = 222.50 ft (67.82 m) msl
The well pumped dry before sampling could be done.

WELL FTF 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/11/89 Time 930
Depth to water = 57.50 ft (17.53 m) below the TOC
Water elevation = 222.50 ft (67.82 m) msl
pH = 6.2
Specific Conductance = 98 umhos/cm
Water Temperature = 24.0 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	132.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE	111.0	UMHC	Env. Eng.
1	PH	6.60	pH	Env. Eng.
1	PH	6.92	pH	Env. Eng.
1	SODIUM	5150	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	63	ug/l	Env. Eng.
0	GROSS ALPH/	3.00+-2.36	pCi/l	HP, 735A
1	GROSS ALPHA	10.30+-2.58	pCi/l	Rad. Meas.
0	GROSS ALPHA	4.09+-1.74	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	6.95+-1.45	pCi/l	HP, 735A
1	TOTAL RADIUM	3.24+-0.99	pCi/l	Rad. Meas.
1	TOTAL RADIUM	4.66+-1.11	pCi/l	Rad. Meas.
0	TRITIUM	3.40+-0.70	pCi/ml	HP, 735A

WELL FTF 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/11/89 Time 940
Depth to water = 56.20 ft (17.13 m) below the TOC
Water elevation = 222.30 ft (67.76 m) msl
pH = 6.9
Specific Conductance = 156 umhos/cm
Water Temperature = 18.3 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	135.0	UMHC	Env. Eng.
1	PH	6.81	pH	Env. Eng.
1	SODIUM	11300	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	514	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	520	ug/l	Env. Eng.
0	GROSS ALPHA	1.64+-2.24	pCi/l	HP, 735A
2	GROSS ALPHA	21.79+-5.16	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	7.03+-1.75	pCi/l	HP, 735A
2	TOTAL RADIUM	11.36+-1.94	pCi/l	Rad. Meas.
0	TRITIUM	2.68+-0.68	pCi/ml	HP, 735A

WELL FTF 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/11/89 Time 945
Depth to water = 52.00 ft (15.85 m) below the TOC
Water elevation = 225.30 ft (68.67 m) msl
pH = 7.3
Specific Conductance = 390 umhos/cm
Water Temperature = 21.7 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

1	SODIUM	73800	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	1640	ug/l	Env. Eng.
2	GROSS ALPHA	15.34+-11.4	pCi/l	HP, 735A
1	GROSS ALPHA	14.00+-12.9	pCi/l	HP, 735A
2	NONVOLATILE BETA	206+-20.8	pCi/l	HP, 735A
2	NONVOLATILE BETA	333+-26.4	pCi/l	HP, 735A
2	TRITIUM	44.99+-1.54	pCi/ml	HP, 735A

WELL FTF 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/11/89 Time 1000
Depth to water = 56.20 ft (17.13 m) below the TOC
Water elevation = 221.80 ft (67.61 m) msl
pH = 7.0
Specific Conductance = 186 umhos/cm
Water Temperature = 28.7 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	207.0	UMHC	Env. Eng.
1	PH	7.52	pH	Env. Eng.
1	SODIUM	17800	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	1370	ug/l	Env. Eng.
2	GROSS ALPHA	33.09+-9.24	pCi/l	HP, 735A
1	GROSS ALPHA	9.54+-2.90	pCi/l	Rad. Meas.
2	NONVOLATILE BETA	2039+- 135	pCi/l	HP, 735A
1	TOTAL RADIUM	4.57+-1.09	pCi/l	Rad. Meas.
1	TRITIUM	12.96+-0.98	pCi/ml	HP, 735A

WELL FTF 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/11/89 Time 1015
Depth to water = 57.30 ft (17.47 m) below the TOC
Water elevation = 222.70 ft (67.88 m) msl
pH = 6.2
Specific Conductance = 100 umhos/cm
Water Temperature = 31.0 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	116.0	UMHC	Env. Eng.
1	PH	6.65	pH	Env. Eng.
1	SODIUM	7160	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	85	ug/l	Env. Eng.
1	GROSS ALPHA	6.37+-3.99	pCi/l	HP, 735A
0	GROSS ALPHA	LT 3	pCi/l	Rad. Meas.
2	NONVOLATILE BETA	333+-27.9	pCi/l	HP, 735A
0	TOTAL RADIUM	1.89+-0.83	pCi/l	Rad. Meas.
0	TRITIUM	6.53+-0.80	pCi/ml	HP, 735A

WELL FTF 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/11/89 Time 1020
The well was dry.

WELL FTF 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/11/89 Time 1030
Depth to water = 50.80 ft (15.48 m) below the TOC
Water elevation = 221.10 ft (67.39 m) msl
The well pumped dry before sampling could be done.

WELL FTF 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/11/89 Time 1050
The well was dry.

WELL FTF 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/11/89 Time 1040
The well was dry.

WELL FTF 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/11/89 Time 1045
Depth to water = 44.00 ft (13.41 m) below the TOC
Water elevation = 227.70 ft (69.40 m) msl
pH = 11.9
Specific Conductance = 1087 umhos/cm
Water Temperature = 22.1 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		1680 UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		1680 UMHC	Env. Eng.
2	PH		11.4 pH	Env. Eng.
2	PH		11.4 pH	Env. Eng.
1	SODIUM		6540 ug/l	Env. Eng.
0	NITRATE AS NITROGEN		2510 ug/l	Env. Eng.
0	GROSS ALPHA		1.00+-5.93 pCi/l	HP, 735A
0	GROSS ALPHA		2.64+-8.71 pCi/l	HP, 735A
0	GROSS ALPHA	LT	3 pCi/l	Rad. Meas.
1	NONVOLATILE BETA		35.77+-9.56 pCi/l	HP, 735A
1	NONVOLATILE BETA		38.45+-7.69 pCi/l	HP, 735A
0	TOTAL RADIUM	LT	1 pCi/l	Rad. Meas.
1	TRITIUM		14.31+-0.99 pCi/ml	HP, 735A

WELL FTF 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/11/89 Time 1145
The well was dry.

WELL FTF 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/11/89 Time 1330
The well was dry.

WELL FTF 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/11/89 Time 1140
Depth to water = 63.80 ft (19.45 m) below the TOC
Water elevation = 222.70 ft (67.88 m) msl
pH = 5.0
Specific Conductance = 61 umhos/cm
Water Temperature = 20.6 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	75.70 UMHC	Env. Eng.
0	PH	5.20 pH	Env. Eng.
0	SODIUM	4590 ug/l	Env. Eng.
1	NITRATE AS NITROGEN	3130 ug/l	Env. Eng.
0	GROSS ALPHA	2.51+-2.03 pCi/l	HP, 735A
1	GROSS ALPHA	8.83+-2.34 pCi/l	Rad. Meas.
0	NONVOLATILE BETA	3.02+-1.05 pCi/l	HP, 735A
2	TOTAL RADIUM	7.05+-1.23 pCi/l	Rad. Meas.
0	TRITIUM	8.64+-0.85 pCi/ml	HP, 735A

WELL FTF 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/11/89 Time 1150
Depth to water = 66.80 ft (20.36 m) below the TOC
Water elevation = 221.80 ft (67.61 m) msl
pH = 5.0
Specific Conductance = 43 umhos/cm
Water Temperature = 22.5 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	62.00 UMHC	Env. Eng.
0	PH	5.07 pH	Env. Eng.
0	SODIUM	3550 ug/l	Env. Eng.
0	SODIUM	3750 ug/l	Env. Eng.
0	NITRATE AS NITROGEN	1850 ug/l	Env. Eng.
0	GROSS ALPHA	1.62+-1.64 pCi/l	HP, 735A
1	GROSS ALPHA	7.88+-2.65 pCi/l	Rad. Meas.
0	NONVOLATILE BETA	2.84+-1.02 pCi/l	HP, 735A
2	TOTAL RADIUM	6.15+-1.17 pCi/l	Rad. Meas.
0	TRITIUM	7.33+-0.82 pCi/ml	HP, 735A

WELL FTF 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/11/89 Time 1200
Depth to water = 68.80 ft (20.97 m) below the TOC
Water elevation = 220.80 ft (67.30 m) msl
pH = 5.4
Specific Conductance = 55 umhos/cm
Water Temperature = 21.4 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	72.40 UMHC	Env. Eng.
0	PH	5.11 pH	Env. Eng.
1	SODIUM	5820 ug/l	Env. Eng.
0	NITRATE AS NITROGEN	2510 ug/l	Env. Eng.
0	GROSS ALPHA	3.92+-3.56 pCi/l	HP, 735A
1	GROSS ALPHA	12.80+-2.80 pCi/l	Rad. Meas.
0	NONVOLATILE BETA	5.00+-1.24 pCi/l	HP, 735A
2	TOTAL RADIUM	7.55+-1.41 pCi/l	Rad. Meas.
0	TRITIUM	7.54+-0.83 pCi/ml	HP, 735A

WELL FTF 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/11/89 Time 1215
Depth to water = 67.00 ft (20.42 m) below the TOC
Water elevation = 221.00 ft (67.36 m) msl
pH = 5.3
Specific Conductance = 51 umhos/cm
Water Temperature = 21.9 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	53.50 UMHC	Env. Eng.
0	PH	5.04 pH	Env. Eng.
1	SODIUM	5170 ug/l	Env. Eng.
0	NITRATE AS NITROGEN	1530 ug/l	Env. Eng.
0	GROSS ALPHA	1.34+-1.53 pCi/l	HP, 735A
1	GROSS ALPHA	13.60+-2.67 pCi/l	Rad. Meas.
0	NONVOLATILE BETA	2.87+-1.03 pCi/l	HP, 735A
2	TOTAL RADIUM	10.30+-1.49 pCi/l	Rad. Meas.
0	TRITIUM	7.00+-0.81 pCi/ml	HP, 735A

WELL FTF 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/11/89 Time 1225
Depth to water = 66.80 ft (20.36 m) below the TOC
Water elevation = 220.40 ft (67.18 m) msl
pH = 5.5
Specific Conductance = 52 umhos/cm
Water Temperature = 25.6 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	70.70 UMHC	Env. Eng.
0	PH	5.67 pH	Env. Eng.
1	SODIUM	7660 ug/l	Env. Eng.
0	NITRATE AS NITROGEN	2420 ug/l	Env. Eng.
0	GROSS ALPHA	1.18+-1.47 pCi/l	HP, 735A
1	GROSS ALPHA	5.95+-2.18 pCi/l	Rad. Meas.
1	GROSS ALPHA	10.80+-2.81 pCi/l	Rad. Meas.
0	NONVOLATILE BETA	4.90+-1.23 pCi/l	HP, 735A
1	TOTAL RADIUM	2.87+-0.93 pCi/l	Rad. Meas.
1	TOTAL RADIUM	3.56+-0.95 pCi/l	Rad. Meas.
0	TRITIUM	7.87+-0.83 pCi/ml	HP, 735A

WELL FTF 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/11/89 Time 1230
Depth to water = 66.70 ft (20.33 m) below the TOC
Water elevation = 220.40 ft (67.18 m) msl
pH = 5.6
Specific Conductance = 57 umhos/cm
Water Temperature = 26.3 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	60.90 UMHC	Env. Eng.
0	PH	5.62 pH	Env. Eng.
1	SODIUM	10400 ug/l	Env. Eng.
0	NITRATE AS NITROGEN	1240 ug/l	Env. Eng.
0	GROSS ALPHA	3.14+-2.32 pCi/l	HP, 735A
1	GROSS ALPHA	9.29+-2.64 pCi/l	Rad. Meas.
0	NONVOLATILE BETA	5.32+-1.09 pCi/l	HP, 735A
2	TOTAL RADIUM	10.30+-1.42 pCi/l	Rad. Meas.
0	TRITIUM	6.91+-0.81 pCi/ml	HP, 735A

WELL FTF 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/11/89 Time 1245
Depth to water = 64.00 ft (19.51 m) below the TOC
Water elevation = 223.50 ft (68.12 m) msl
pH = 12.4
Specific Conductance = 3060 umhos/cm
Water Temperature = 24.9 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	2450	UMHC	Env. Eng.
2	PH	11.5	pH	Env. Eng.
1	SODIUM	38700	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	226	ug/l	Env. Eng.
1	GROSS ALPHA	7.55+-11.8	pCi/l	HP, 735A
1	GROSS ALPHA	9.58+-6.97	pCi/l	Rad. Meas.
2	NONVOLATILE BETA	61.34+-12.2	pCi/l	HP, 735A
0	TOTAL RADIUM	LT 1	pCi/l	Rad. Meas.
0	TRITIUM	7.36+-0.82	pCi/ml	HP, 735A

WELL FTF 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/11/89 Time 1300
Depth to water = 66.60 ft (20.30 m) below the TOC
Water elevation = 220.20 ft (67.12 m) msl
pH = 5.0
Specific Conductance = 49 umhos/cm
Water Temperature = 25.0 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	87.20	UMHC	Env. Eng.
0	PH	5.25	pH	Env. Eng.
1	SODIUM	5240	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	1030	ug/l	Env. Eng.
0	GROSS ALPHA	3.04+-2.23	pCi/l	HP, 735A
1	GROSS ALPHA	7.51+-2.25	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	2.93+-1.04	pCi/l	HP, 735A
2	TOTAL RADIUM	6.02+-1.15	pCi/l	Rad. Meas.
0	TRITIUM	9.56+-0.88	pCi/ml	HP, 735A

WELL FTF 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/11/89 Time 1315
Depth to water = 65.80 ft (20.06 m) below the TOC
Water elevation = 220.20 ft (67.12 m) msl
pH = 5.0
Specific Conductance = 56 umhos/cm
Water Temperature = 25.5 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	78.10	UMHC	Env. Eng.
0	PH	5.21	pH	Env. Eng.
0	SODIUM	4880	ug/l	Env. Eng.
1	SODIUM	5010	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	2360	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	2330	ug/l	Env. Eng.
0	GROSS ALPHA	4.47+-2.74	pCi/l	HP, 735A
1	GROSS ALPHA	5.89+-1.98	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	3.28+-1.08	pCi/l	HP, 735A
1	TOTAL RADIUM	3.71+-1.00	pCi/l	Rad. Meas.
0	TRITIUM	7.80+-0.83	pCi/ml	HP, 735A

WELL FTF 24A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/11/89 Time 1100
Depth to water = 48.80 ft (14.87 m) below the TOC
Water elevation = 221.50 ft (67.51 m) msl
pH = 6.4
Specific Conductance = 137 umhos/cm
Water Temperature = 26.0 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	127.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE	120.0	UMHC	Env. Eng.
0	PH	6.15	pH	Env. Eng.
0	PH	5.99	pH	Env. Eng.
1	SODIUM	15800	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	2600	ug/l	Env. Eng.
0	GROSS ALPHA	0.78+-1.41	pCi/l	HP, 735A
2	GROSS ALPHA	44.80+-6.62	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	6.80+-1.45	pCi/l	HP, 735A
0	CERIUM 144	0.00+-0.31	pCi/ml	HP, 735A
0	COBALT 60	0.00+-0.11	pCi/ml	HP, 735A
0	CHROMIUM 51	0.00+-0.78	pCi/ml	HP, 735A
0	CESIUM 134	0.00+-0.07	pCi/ml	HP, 735A

CONTINUED

WELL FTF 24A COLLECTED ON 02/11/89 LABORATORY ANALYSES CONTINUED

0	CESIUM 137	0.00+-0.09	pCi/ml	HP, 735A
0	IODINE 131	0.00+-0.21	pCi/ml	HP, 735A
0	RUTHENIUM 103	0.00+-0.08	pCi/ml	HP, 735A
0	RUTHENIUM 106	0.00+-0.60	pCi/ml	HP, 735A
0	ANTIMONY 125	0.00+-0.19	pCi/ml	HP, 735A
2	TOTAL RADIUM	22.10+-1.99	pCi/l	Rad. Meas
1	TRITIUM	13.98+-0.99	pCi/ml	HP, 735A
0	ZIRCONIUM/NIOBIUM 95	0.00+-0.24	pCi/ml	HP, 735A

WELL FTF 25A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/11/89 Time 1130
Depth to water = 47.90 ft (14.60 m) below the TOC
Water elevation = 223.30 ft (68.06 m) msl
pH = 6.8
Specific Conductance = 108 umhos/cm
Water Temperature = 27.0 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	156.0	UMHC	Env. Eng
0	PH	6.24	pH	Env. Eng
1	SODIUM	13400	ug/l	Env. Eng.
1	NITRATE AS NITROGEN	3550	ug/l	Env. Eng.
0	GROSS ALPHA	0.57+-1.28	pCi/l	HP, 735A
1	GROSS ALPHA	9.37+-3.49	pCi/l	Rad. Meas
0	NONVOLATILE BETA	7.61+-1.53	pCi/l	HP, 735A
0	CERIUM 144	0.00+-0.33	pCi/ml	HP, 735A
0	COBALT 60	0.00+-0.08	pCi/ml	HP, 735A
0	CHROMIUM 51	0.00+-0.77	pCi/ml	HP, 735A
0	CESIUM 134	0.00+-0.08	pCi/ml	HP, 735A
0	CESIUM 137	0.00+-0.08	pCi/ml	HP, 735A
0	IODINE 131	0.00+-0.19	pCi/ml	HP, 735A
0	RUTHENIUM 103	0.00+-0.09	pCi/ml	HP, 735A
0	RUTHENIUM 106	0.00+-0.80	pCi/ml	HP, 735A
0	ANTIMONY 125	0.00+-0.21	pCi/ml	HP, 735A
2	TOTAL RADIUM	14.70+-1.65	pCi/l	Rad. Meas
1	TRITIUM	10.28+-0.90	pCi/ml	HP, 735A
0	ZIRCONIUM/NIOBIUM 95	0.00+-0.25	pCi/ml	HP, 735A

WELL FTF 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/11/89 Time 1115
Depth to water = 47.30 ft (14.42 m) below the TOC
Water elevation = 223.60 ft (68.15 m) msl
pH = 5.5
Specific Conductance = 123 umhos/cm
Water Temperature = 29.4 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	136.0	UMHC	Env. Eng.
0	PH	5.23	pH	Env. Eng
1	SODIUM	6680	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	1920	ug/l	Env. Eng.
0	GROSS ALPHA	4.39+-2.91	pCi/l	HP, 735A
2	GROSS ALPHA	47.00+-5.59	pCi/l	Rad. Meas
1	NONVOLATILE BETA	20.04+-2.59	pCi/l	HP, 735A
0	CERIUM 144	0.00+-0.59	pCi/ml	HP, 735A
0	COBALT 60	0.00+-0.07	pCi/ml	HP, 735A
0	CHROMIUM 51	0.00+-1.20	pCi/ml	HP, 735A
0	CESIUM 134	0.00+-0.07	pCi/ml	HP, 735A
0	CESIUM 137	0.00+-0.08	pCi/ml	HP, 735A
0	IODINE 131	0.00+-0.07	pCi/ml	HP, 735A
0	RUTHENIUM 103	0.00+-0.12	pCi/ml	HP, 735A
0	RUTHENIUM 106	0.00+-0.72	pCi/ml	HP, 735A
0	ANTIMONY 125	0.00+-0.22	pCi/ml	HP, 735A
2	TOTAL RADIUM	21.70+-1.96	pCi/l	Rad. Meas
0	TRITIUM	3.15+-0.70	pCi/ml	HP, 735A
0	ZIRCONIUM/NIOBIUM 95	0.00+-0.25	pCi/ml	HP, 735A

WELL FTF 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/11/89 Time 1120
Depth to water = 49.00 ft (14.94 m) below the TOC
Water elevation = 221.50 ft (67.51 m) msl
pH = 6.9
Specific Conductance = 173 umhos/cm
Water Temperature = 27.8 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	167.0	UMHC	Env. Eng
1	PH	6.76	pH	Env. Eng
1	SODIUM	12000	ug/l	Env. Eng
1	NITRATE AS NITROGEN	4300	ug/l	Env. Eng
0	GROSS ALPHA	-0.38+-0.89	pCi/l	HP, 735A
0	GROSS ALPHA	LT 3	pCi/l	Rad. Meas
0	NONVOLATILE BETA	7.30+-1.77	pCi/l	HP, 735A
0	CERIUM 144	0.00+-0.66	pCi/ml	HP, 735A
0	COBALT 60	0.00+-0.08	pCi/ml	HP, 735A

CONTINUED

WELL FTF 27 COLLECTED ON 02/11/89 LABORATORY ANALYSES CONTINUED

0	CHROMIUM 51	0.00+-1.23 pCi/ml	HP, 735A
0	CESIUM 134	0.00+-0.07 pCi/ml	HP, 735A
0	CESIUM 137	0.00+-0.08 pCi/ml	HP, 735A
0	IODINE 131	0.00+-0.68 pCi/ml	HP, 735A
0	RUTHENIUM 103	0.00+-0.12 pCi/ml	HP, 735A
0	RUTHENIUM 106	0.00+-0.65 pCi/ml	HP, 735A
0	ANTIMONY 125	0.00+-0.21 pCi/ml	HP, 735A
0	TOTAL RADIUM	1.59+-0.80 pCi/l	Rad. Meas.
2	TRITIUM	24.91+-1.21 pCi/ml	HP, 735A
0	ZIRCONIUM/NIOBIUM 95	0.00+-0.30 pCi/ml	HP, 735A

WELL GUW 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/20/89 Time 1650
Depth to water = 72.74 ft (22.17 m) below the TOC
Water elevation = 280.86 ft (79.51 m) msl
pH = 4.4 Alkalinity = 0 mg/L
Specific Conductance = 11 umhos/cm
Water Temperature = 17.6 degrees Celsius
Water evacuated from the well prior to sampling = 4 gal.
The well went dry during purging.

LABORATORY ANALYSES

0	CHROMIUM	LT	4 ug/l	Env. Eng.
0	LEAD	LT	6 ug/l	Env. Eng.
0	GROSS ALPHA		0.47+-0.37 pCi/l	Rad. Meas.

WELL H 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/18/89 Time 1110
The well was dry.

WELL H 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/18/89 Time 1115
The well was dry.

WELL H 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/18/89 Time 1155
Depth to water = 29.90 ft (9.11 m) below the TOC
Water elevation = 230.20 ft (70.17 m) msl
pH = 4.0
Specific Conductance = 948 umhos/cm
Water Temperature = 16.5 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

2	GROSS ALPHA	303+-37.8 pCi/l	HP, 735A
2	NONVOLATILE BETA	12908+- 883 pCi/l	HP, 735A
2	TRITIUM	40505+- 822 pCi/ml	HP, 735A

WELL H 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/18/89 Time 1150
Depth to water = 30.10 ft (9.17 m) below the TOC
Water elevation = 227.70 ft (69.40 m) msl
pH = 8.2
Specific Conductance = 216 umhos/cm
Water Temperature = 16.5 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	2.32+-8.00 pCi/l	HP, 735A
0	GROSS ALPHA	1.13+-4.93 pCi/l	HP, 735A
2	NONVOLATILE BETA	1818+- 115 pCi/l	HP, 735A
2	NONVOLATILE BETA	1647+- 124 pCi/l	HP, 735A
2	TRITIUM	3103+-63.2 pCi/ml	HP, 735A

WELL H 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/18/89 Time 1210
Depth to water = 30.00 ft (9.14 m) below the TOC
Water elevation = 227.20 ft (69.25 m) msl
pH = 6.9
Specific Conductance = 435 umhos/cm
Water Temperature = 17.2 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	2.24+-7.34 pCi/l	HP, 735A
2	NONVOLATILE BETA	353+-19.1 pCi/l	HP, 735A
2	TRITIUM	5731+- 118 pCi/ml	HP, 735A

WELL H 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/18/89 Time 1205
Depth to water = 22.90 ft (6.98 m) below the TOC
Water elevation = 226.00 ft (68.89 m) msl
pH = 6.2
Specific Condubtance = 686 umhos/cm
Water Temperature = 16.5 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

2	GROSS ALPHA	24.18+-7.41 pCi/l	HP, 735A
2	NONVOLATILE BETA	1144+-79.1 pCi/l	HP, 735A
2	TRITIUM	4180+-84.8 pCi/ml	HP, 735A

WELL H 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/18/89 Time 1235
Depth to water = 31.00 ft (9.45 m) below the TOC
Water elevation = 226.30 ft (68.98 m) msl
pH = 6.5
Specific Conductance = 377 umhos/cm
Water Temperature = 16.5 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	4.55+-8.93 pCi/l	HP, 735A
2	NONVOLATILE BETA	88.85+-8.70 pCi/l	HP, 735A
2	TRITIUM	1178+-24.9 pCi/ml	HP, 735A

WELL H 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/19/89 Time 1225
Depth to water = 23.00 ft (7.01 m) below the TOC
Water elevation = 226.30 ft (68.98 m) msl
pH = 6.5
Specific Conductance = 167 umhos/cm
Water Temperature = 15.7 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	0.23+-1.38 pCi/l	HP, 735A
0	NONVOLATILE BETA	6.15+-1.27 pCi/l	HP, 735A
2	TRITIUM	4156+-83.2 pCi/ml	HP, 735A

WELL H 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/18/89 Time 1120
The well was dry.

WELL H 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/18/89 Time 1130
Depth to water = 14.90 ft (4.54 m) below the TOC
Water elevation = 229.50 ft (69.95 m) msl
pH = 7.0
Specific Conductance = 318 umhos/cm
Water Temperature = 15.0 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	3.43+- 13 pCi/l	HP, 735A
0	GROSS ALPHA	-0.13+-7.87 pCi/l	HP, 735A
2	NONVOLATILE BETA	2376+- 151 pCi/l	HP, 735A
2	NONVOLATILE BETA	1797+- 136 pCi/l	HP, 735A
2	TRITIUM	4914+-99.4 pCi/ml	HP, 735A

WELL H 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/18/89 Time 1140
Depth to water = 16.30 ft (4.97 m) below the TOC
Water elevation = 226.00 ft (68.89 m) msl
pH = 5.0
Specific Conductance = 610 umhos/cm
Water Temperature = 16.3 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	1.38+-8.79 pCi/l	HP, 735A
2	NONVOLATILE BETA	58.39+-9.31 pCi/l	HP, 735A
2	TRITIUM	6888+- 139 pCi/ml	HP, 735A

WELL H 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/18/89 Time 1220
The well was dry.

WELL H 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/18/89 Time 1250
Depth to water = 16.20 ft (4.94 m) below the TOC
Water elevation = 225.30 ft (68.67 m) msl
pH = 6.1
Specific Conductance = 22 umhos/cm
Water Temperature = 14.7 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	0.16+-0.96 pCi/l	HP, 735A
0	NONVOLATILE BETA	3.47+-0.85 pCi/l	HP, 735A
2	TRITIUM	45.89+-1.56 pCi/ml	HP, 735A

WELL H 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/18/89 Time 1245
Depth to water = 19.20 ft (5.85 m) below the TOC
Water elevation = 224.10 ft (68.31 m) msl
pH = 6.8
Specific Conductance = 29 umhos/cm
Water Temperature = 14.8 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	4.61+-4.16 pCi/l	HP, 735A
1	NONVOLATILE BETA	13.81+-1.63 pCi/l	HP, 735A
2	TRITIUM	56.16+-1.78 pCi/ml	HP, 735A

WELL H 18A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/18/89 Time 1300
Depth to water = 16.20 ft (4.94 m) below the TOC
Water elevation = 223.30 ft (68.06 m) msl
pH = 5.8
Specific Conductance = 19 umhos/cm
Water Temperature = 15.9 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	2.03+-2.58 pCi/l	HP, 735A
0	NONVOLATILE BETA	3.94+-0.91 pCi/l	HP, 735A
2	TRITIUM	34.68+-1.41 pCi/ml	HP, 735A

WELL H 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/18/89 Time
The well was dry.

WELL HAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/28/89 Time 1200
Depth to water = 32.49 ft (9.90 m) below the TOC
Water elevation = 265.91 ft (81.05 m) msl
pH = 5.4 Alkalinity = 18 mg/L
Specific Conductance = 440 umhos/cm
Water Temperature = 23.7 degrees Celsius
Water evacuated from the well prior to sampling = 3 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		347.0	UMHC	Env. Eng.
0	PH		5.53	pH	Env. Eng.
0	TURBIDITY		0.53	NTU	Env. Eng
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng
0	BARIUM		12	ug/l	Env. Eng.
0	CALCIUM		1020	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng
0	CHLORIDE		2800	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng
0	ENDRIN	LT	0.10	ug/l	Env. Eng
0	FLUORIDE	LT	100	ug/l	Env. Eng.
1	IRON		204	ug/l	Env. Eng
0	MERCURY	LT	0.20	ug/l	Env. Eng
0	POTASSIUM		1170	ug/l	Env. Eng
0	LINDANE	LT	0.05	ug/l	Env. Eng
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng
0	MAGNESIUM		154	ug/l	Env. Eng
0	MANGANESE		20	ug/l	Env. Eng.
1	SODIUM		53600	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		823	ug/l	Env. Eng
0	NITRATE AS NITROGEN		823	ug/l	Env. Eng
0	LEAD		18	ug/l	Env. Eng
0	PHENOLS	LT	5	ug/l	Env. Eng
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		7270	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
2	SULFATE		129000	ug/l	Env. Eng
0	TOTAL DISSOLVED SOLIDS		208000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		2200	ug/l	Env. Eng
0	TOTAL ORGANIC CARBON		1900	ug/l	Env. Eng
2	TOTAL ORGANIC HALOGENS		46	ug/l	Env. Eng
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas
2	TRITIUM		44.66+-0.98	pCi/ml	Rad. Meas

WELL HAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/28/89 Time 1215
Depth to water = 32.80 ft (10.00 m) below the TOC
Water elevation = 265.30 ft (80.86 m) msl
pH = 5.0 Alkalinity = 7 mg/L
Specific Conductance = 667 umhos/cm
Water Temperature = 23.0 degrees Celsius
Water evacuated from the well prior to sampling = 2 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		620.0	UMHC	Env. Eng
0	PH		5.21	pH	Env. Eng
0	TURBIDITY		1	NTU	Env. Eng
0	SILVER	LT	2	ug/l	Env. Eng
0	ARSENIC	LT	2	ug/l	Env. Eng
0	BARIUM		13	ug/l	Env. Eng
0	CALCIUM		1070	ug/l	Env. Eng

CONTINUED

WELL HAC 2 COLLECTED ON 03/26/89 LABORATORY ANALYSES CONTINUED

0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLORIDE		4700	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
1	IRON		225	ug/l	Env. Eng.
0	MERCURY		0.26	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		547	ug/l	Env. Eng.
1	MANGANESE		32	ug/l	Env. Eng.
1	SODIUM		114000	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		472	ug/l	Env. Eng.
0	LEAD		20	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		7270	ug/l	Env. Eng.
1	SILICA		7290	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
2	SULFATE		274500	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		390000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		2700	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		29	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.36+-1.81	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
2	TRITIUM		45.43+-0.99	pCi/ml	Rad. Meas.

WELL HAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/26/89 Time 1145
Depth to water = 32.27 ft (9.84 m) below the TOC
Water elevation = 265.73 ft (81.00 m) msl
pH = 4.5 Alkalinity = 0 mg/L
Specific Conductance = 235 umhos/cm
Water Temperature = 22.9 degrees Celsius
Water evacuated from the well prior to sampling = 4 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		187.0	UMHC	Env. Eng.
0	PH		4.70	pH	Env. Eng.
0	TURBIDITY		0.67	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		19	ug/l	Env. Eng.
0	CALCIUM		514	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLORIDE		5700	ug/l	Env. Eng.
0	CHLORIDE		5700	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
1	IRON		223	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		425	ug/l	Env. Eng.
2	MANGANESE		105	ug/l	Env. Eng.
1	SODIUM		32000	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1230	ug/l	Env. Eng.
0	LEAD		11	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		6410	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
1	SULFATE		120000	ug/l	Env. Eng.
1	SULFATE		122000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		104000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		2200	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		7	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA		2.07+-1.19	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.51+-1.31	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.82+-0.69	pCi/l	Rad. Meas.
2	TRITIUM		31.76+-0.72	pCi/ml	Rad. Meas.

WELL HAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/26/89 Time 1055
Depth to water = 30.84 ft (9.40 m) below the TOC
Water elevation = 266.06 ft (81.10 m) msl
pH = 4.4 Alkalinity = 0 mg/L
Specific Conductance = 47 umhos/cm
Water Temperature = 23.0 degrees Celsius
Water evacuated from the well prior to sampling = 57 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		49.00	UMHC	Env. Eng
0	PH		4.85	pH	Env Eng
0	TURBIDITY		0.21	NTU	Env Eng.
0	SILVER	LT	2	ug/l	Env. Eng
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		11	ug/l	Env. Eng
0	CALCIUM		435	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLORIDE		3400	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
1	MERCURY		0.71	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		344	ug/l	Env. Eng
2	MANGANESE		82	ug/l	Env. Eng
0	SODIUM		4910	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1630	ug/l	Env. Eng
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		6000	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		12000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1100	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		13	ug/l	Env. Eng
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA		0.97+-0.61	pCi/l	Rad. Meas
0	NONVOLATILE BETA		2.48+-0.92	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
2	TRITIUM		22.92+-0.55	pCi/ml	Rad. Meas

WELL HAP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/08/89 Time 1320
Depth to water = 20.36 ft (6.21 m) below the TOC
Water elevation = 268.74 ft (81.91 m) msl
pH = 6.9 Alkalinity = 107 mg/L
Specific Conductance = 330 umhos/cm
Water Temperature = 18.6 degrees Celsius
Water evacuated from the well prior to sampling = 47 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		317.0	UMHC	Env. Eng.
1	PH		6.68	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	BARIUM		41	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		37600	ug/l	Env Eng
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env Eng
0	BROMOFORM	LT	10	ug/l	Env Eng
0	BROMOFORM	LT	10	ug/l	Env Eng
0	CHLOROFORM	LT	5	ug/l	Env Eng
0	CHLOROFORM	LT	5	ug/l	Env Eng
0	METHYLENE CHLORIDE	LT	5	ug/l	Env Eng
0	METHYLENE CHLORIDE	LT	5	ug/l	Env Eng
0	BROMOMETHANE	LT	10	ug/l	Env Eng
0	BROMOMETHANE	LT	10	ug/l	Env Eng
0	CHLOROMETHANE	LT	10	ug/l	Env Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng
1	CHLORIDE		12800	ug/l	Env. Eng
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng
0	CHLOROETHENE	LT	10	ug/l	Env. Eng
0	CHLOROETHENE	LT	10	ug/l	Env. Eng
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng
0	BENZENE	LT	5	ug/l	Env. Eng
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env Eng
0	ETHYLBENZENE	LT	5	ug/l	Env Eng
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	POTASSIUM		4290	ug/l	Env Eng
0	TOLUENE	LT	5	ug/l	Env Eng
0	TOLUENE	LT	5	ug/l	Env Eng
0	MANGANESE		3	ug/l	Env Eng
1	SODIUM		12800	ug/l	Env Eng
1	SULFATE		21500	ug/l	Env Eng
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env Eng

CONTINUED

WELL HAP 1 COLLECTED ON 03/08/89 LABORATORY ANALYSES CONTINUED

0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		25	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
2	TRITIUM		21.00+-0.51	pCi/ml	Rad. Meas.

WELL HAP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/08/89 Time 1255
Depth to water = 21.57 ft (6.57 m) below the TOC
Water elevation = 268.33 ft (81.79 m) msl
pH = 5.1 Alkalinity = 0 mg/L
Specific Conductance = 59 umhos/cm
Water Temperature = 19.4 degrees Celsius
Water evacuated from the well prior to sampling = 79 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		87.40	UMHC	Env. Eng.
0	PH		5.12	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	BARIUM		34	ug/l	Env. Eng.
0	BARIUM		34	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		1780	ug/l	Env. Eng.
0	CALCIUM		1590	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2900	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	POTASSIUM		1740	ug/l	Env. Eng.
0	POTASSIUM		1840	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
1	MANGANESE		29	ug/l	Env. Eng.
1	MANGANESE		29	ug/l	Env. Eng.
0	SODIUM		4420	ug/l	Env. Eng.
0	SODIUM		4380	ug/l	Env. Eng.
1	SULFATE		12700	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		14	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
1	TRITIUM		13.00+-0.39	pCi/ml	Rad. Meas.

WELL HCA 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/25/89 Time 1215
Depth to water = 44.13 ft (13.45 m) below the TOC
Water elevation = 265.87 ft (81.04 m) msl
pH = 6.2 Alkalinity = 24 mg/L
Specific Conductance = 74 umhos/cm
Water Temperature = 21.8 degrees Celsius
Water evacuated from the well prior to sampling = 12 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		69.50	UMHC	Env. Eng.
0	PH		6.09	pH	Env. Eng.
1	BARIUM		61	ug/l	Env. Eng.
0	CALCIUM		3420	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	IRON		32	ug/l	Env. Eng.
0	POTASSIUM		3960	ug/l	Env. Eng.
0	MANGANESE		18	ug/l	Env. Eng.
1	SODIUM		5960	ug/l	Env. Eng.
0	LEAD		7	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	GROSS ALPHA		0.90+-1.68	pCi/l	HP. 735A
0	GROSS ALPHA		1.11+-1.03	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		6.06+-1.14	pCi/l	HP. 735A
0	NONVOLATILE BETA		5.52+-1.09	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
2	TRITIUM		40.70+-1.50	pCi/ml	HP. 735A
2	TRITIUM		42.96+-0.97	pCi/ml	Rad. Meas.

WELL HCA 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/25/89 Time 1120
Depth to water = 43.92 ft (13.39 m) below the TOC
Water elevation = 266.88 ft (81.35 m) msl
pH = 5.8 Alkalinity = 23 mg/L
Specific Conductance = 175 umhos/cm
Water Temperature = 24.5 degrees Celsius
Water evacuated from the well prior to sampling = 65 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		162.0	UMHC	Env. Eng.
0	PH		5.62	pH	Env. Eng.
0	BARIUM		23	ug/l	Env. Eng.
0	BARIUM		24	ug/l	Env. Eng.
1	CALCIUM		17600	ug/l	Env. Eng.
1	CALCIUM		20800	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	IRON		28	ug/l	Env. Eng.
0	IRON		26	ug/l	Env. Eng.
1	POTASSIUM		5230	ug/l	Env. Eng.
0	POTASSIUM		4990	ug/l	Env. Eng.
0	MANGANESE		17	ug/l	Env. Eng.
0	MANGANESE		19	ug/l	Env. Eng.
0	SODIUM		4300	ug/l	Env. Eng.
0	SODIUM		4390	ug/l	Env. Eng.
0	LEAD		15	ug/l	Env. Eng.
0	LEAD		17	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
1	SULFATE		40400	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		16.9	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		20	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		5.30	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
1	GROSS ALPHA		5.15+-4.53	pCi/l	HP. 735A
1	GROSS ALPHA		6.38+-1.83	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		9.33+-1.65	pCi/l	HP. 735A
0	NONVOLATILE BETA		7.22+-1.19	pCi/l	Rad. Meas.
1	TOTAL RADIUM		4.66+-0.97	pCi/l	Rad. Meas.
2	TRITIUM		54.00+-1.69	pCi/ml	HP. 735A
2	TRITIUM		53.29+-1.17	pCi/ml	Rad. Meas.

WELL HCA 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/25/89 Time 1200
Depth to water = 44.32 ft (13.51 m) below the TOC
Water elevation = 265.98 ft (81.07 m) msl
pH = 6.0 Alkalinity = 34 mg/L
Specific Conductance = 87 umhos/cm
Water Temperature = 21.3 degrees Celsius
Water evacuated from the well prior to sampling = 10 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		83.80	UMHC	Env. Eng.
0	PH		5.97	pH	Env. Eng.
0	BARIUM		44	ug/l	Env. Eng.
0	CALCIUM		8890	ug/l	Env. Eng.

CONTINUED

WELL HCA 3 COLLECTED ON 02/25/89 LABORATORY ANALYSES CONTINUED

0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	IRON		65	ug/l	Env. Eng.
0	POTASSIUM		1630	ug/l	Env. Eng.
1	MANGANESE		47	ug/l	Env. Eng.
0	SODIUM		3380	ug/l	Env. Eng.
0	LEAD		11	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		2.69	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	GROSS ALPHA		0.99+-1.81	pCi/l	HP, 735A
0	GROSS ALPHA		0.98+-0.91	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		3.97+-0.98	pCi/l	HP, 735A
0	NONVOLATILE BETA		2.21+-0.90	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.07+-0.51	pCi/l	Rad. Meas.
2	TRITIUM		111+-2.36	pCi/ml	HP, 735A
2	TRITIUM		115+-1.85	pCi/ml	Rad. Meas.

WELL HCA 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/25/89 Time 1145
Depth to water = 44.78 ft (13.65 m) below the TOC
Water elevation = 265.92 ft (81.05 m) msl
pH = 5.4 Alkalinity = 11 mg/L
Specific Conductance = 47 umhos/cm
Water Temperature = 21.1 degrees Celsius
Water evacuated from the well prior to sampling = 16 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		38.50	UMHC	Env. Eng.
0	PH		5.83	pH	Env. Eng.
0	BARIUM		30	ug/l	Env. Eng.
0	CALCIUM		3450	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	IRON		72	ug/l	Env. Eng.
0	POTASSIUM		843	ug/l	Env. Eng.
2	MANGANESE		53	ug/l	Env. Eng.
0	SODIUM		3570	ug/l	Env. Eng.
2	LEAD		103	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		28.0	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		30	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		12.4	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	GROSS ALPHA		0.72+-0.61	pCi/l	Rad. Meas.
0	GROSS ALPHA		0.65+-0.57	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.17+-0.85	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.49+-0.94	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
2	TRITIUM		53.70+-1.17	pCi/ml	Rad. Meas.
2	TRITIUM		53.10+-1.16	pCi/ml	Rad. Meas.

WELL HCB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/25/89 Time 1640
Depth to water = 18.48 ft (5.63 m) below the TOC
Water elevation = 260.82 ft (79.50 m) msl
pH = 4.3 Alkalinity = 0 mg/L
Specific Conductance = 55 umhos/cm
Water Temperature = 20.0 degrees Celsius
Water evacuated from the well prior to sampling = 99 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		52.70	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		47.70	UMHC	Env. Eng.
0	PH		4.46	pH	Env. Eng.
0	PH		4.46	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	4	ug/l	Env. Eng.
0	BARIUM		50	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		1790	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		4300	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		7	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.

CONTINUED

WELL HCB 1 COLLECTED ON 01/25/89 LABORATORY ANALYSES CONTINUED

0	IRON		38	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		1170	ug/l	Env. Eng.
2	MANGANESE		196	ug/l	Env. Eng.
0	SODIUM		3390	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		2080	ug/l	Env. Eng.
0	LEAD		8	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		6090	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		30000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		7	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		40	ug/l	Env. Eng.
0	GROSS ALPHA		1.10+-0.82	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.66+-0.90	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.16+-0.48	pCi/l	Rad. Meas.
1	TRITIUM		18.37+-0.46	pCi/ml	Rad. Meas.

WELL HCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/25/89 Time 1705
Depth to water = 16.38 ft (4.99 m) below the TOC
Water elevation = 265.32 ft (80.87 m) msl
pH = 2.9 Alkalinity = 0 mg/L
Specific Conductance = 1858 umhos/cm
Water Temperature = 19.7 degrees Celsius
Water evacuated from the well prior to sampling = 66 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		1670	UMHC	Env. Eng.
1	PH		3.10	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
2	ARSENIC		46	ug/l	Env. Eng.
0	BARIUM		22	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		10400	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
1	CADMIUM		5	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2300	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
1	CHROMIUM		17	ug/l	Env. Eng.
1	COPPER		435	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
2	FLUORIDE		2780	ug/l	Env. Eng.
2	IRON		1150	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1180	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
1	MAGNESIUM		37800	ug/l	Env. Eng.
2	MANGANESE		16200	ug/l	Env. Eng.
1	SODIUM		5660	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		644	ug/l	Env. Eng.
2	LEAD		36	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
2	SELENIUM		21	ug/l	Env. Eng.
1	SILICA		67900	ug/l	Env. Eng.
2	SULFATE		271000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		1640000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		2000	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		10	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		200	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		200	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.

CONTINUED

WELL HCB 2 COLLECTED ON 01/25/89 LABORATORY ANALYSES CONTINUED

1	ZINC		1490 ug/l	Env. Eng.
2	GROSS ALPHA		32.80+-18.5 pCi/l	Rad. Meas.
1	NONVOLATILE BETA		23.80+-13.1 pCi/l	Rad. Meas.
2	TOTAL RADIUM		7.49+-1.15 pCi/l	Rad. Meas.
2	TRITIUM		30.90+-0.71 pCi/ml	Rad. Meas.

WELL HCB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/25/89 Time 1730
Depth to water = 10.80 ft (3.29 m) below the TOC
Water elevation = 264.60 ft (80.65 m) msl
pH = 4.1 Alkalinity = 0 mg/L
Specific Conductance = 65 umhos/cm
Water Temperature = 19.7 degrees Celsius
Water evacuated from the well prior to sampling = 81 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		57.40 UMHC	Env. Eng.
0	PH		4.46 pH	Env. Eng.
0	SILVER	LT	2 ug/l	Env. Eng.
0	ARSENIC	LT	2 ug/l	Env. Eng.
0	BARIUM		26 ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5 ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5 ug/l	Env. Eng.
0	CALCIUM		342 ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5 ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5 ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00 ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00 ug/l	Env. Eng.
0	CADMIUM	LT	2 ug/l	Env. Eng.
0	BROMOFORM	LT	10 ug/l	Env. Eng.
0	BROMOFORM	LT	10 ug/l	Env. Eng.
0	CHLOROFORM	LT	5 ug/l	Env. Eng.
0	CHLOROFORM	LT	5 ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5 ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5 ug/l	Env. Eng.
0	BROMOMETHANE	LT	10 ug/l	Env. Eng.
0	BROMOMETHANE	LT	10 ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10 ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10 ug/l	Env. Eng.
0	CHLORIDE		3800 ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5 ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5 ug/l	Env. Eng.
0	CHROMIUM	LT	4 ug/l	Env. Eng.
0	COPPER		15 ug/l	Env. Eng.
0	CHLOROETHENE	LT	10 ug/l	Env. Eng.
0	CHLOROETHENE	LT	10 ug/l	Env. Eng.
0	CHLOROETHANE	LT	10 ug/l	Env. Eng.
0	CHLOROETHANE	LT	10 ug/l	Env. Eng.
0	BENZENE	LT	5 ug/l	Env. Eng.
0	BENZENE	LT	5 ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5 ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5 ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5 ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5 ug/l	Env. Eng.
0	FLUORIDE	LT	100 ug/l	Env. Eng.
0	FLUORIDE	LT	100 ug/l	Env. Eng.
1	IRON		289 ug/l	Env. Eng.
0	MERCURY	LT	0.20 ug/l	Env. Eng.
0	POTASSIUM	LT	500 ug/l	Env. Eng.
0	TOLUENE	LT	5 ug/l	Env. Eng.
0	TOLUENE	LT	5 ug/l	Env. Eng.
0	MAGNESIUM		595 ug/l	Env. Eng.
0	MANGANESE		23 ug/l	Env. Eng.
0	SODIUM		3250 ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1540 ug/l	Env. Eng.
0	LEAD		16 ug/l	Env. Eng.
0	PHENOLS	LT	5 ug/l	Env. Eng.
0	SELENIUM	LT	2 ug/l	Env. Eng.
1	SILICA		7360 ug/l	Env. Eng.
0	SULFATE	LT	5000 ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10 ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10 ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00 ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00 ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		22000 ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		24000 ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000 ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5 ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20 ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00 ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00 ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5 ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5 ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5 ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5 ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5 ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5 ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5 ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5 ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5 ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5 ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1 ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1 ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10 ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10 ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5 ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5 ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5 ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5 ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10 ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10 ug/l	Env. Eng.
0	ZINC		50 ug/l	Env. Eng.

CONTINUED

WELL HCB 3 COLLECTED ON 01/25/89 LABORATORY ANALYSES CONTINUED

0	GROSS ALPHA		0.97+-0.77 pCi/l	Rad. Meas
0	GROSS ALPHA		1.61+-0.91 pCi/l	Rad. Meas
0	NONVOLATILE BETA	LT	2 pCi/l	Rad. Meas
0	NONVOLATILE BETA		1.23+-0.87 pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.63+-0.49 pCi/l	Rad. Meas
0	TOTAL RADIUM		0.64+-0.50 pCi/l	Rad. Meas
2	TRITIUM		59.40+-1.27 pCi/ml	Rad. Meas
2	TRITIUM		59.40+-1.27 pCi/ml	Rad. Meas

WELL HCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/25/89 Time 1610
Depth to water = 15.35 ft (4.68 m) below the TOC
Water elevation = 262.45 ft (80.00 m) msl
pH = 4.2 Alkalinity = 0 mg/L
Specific Conductance = 62 umhos/cm
Water Temperature = 20.5 degrees Celsius
Water evacuated from the well prior to sampling = 69 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		51.10 UMHC	Env. Eng.
0	PH		4.63 pH	Env. Eng.
0	SILVER	LT	2 ug/l	Env. Eng.
0	ARSENIC	LT	2 ug/l	Env. Eng.
0	BARIUM		35 ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5 ug/l	Env. Eng.
0	CALCIUM		1520 ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5 ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00 ug/l	Env. Eng.
0	CADMIUM	LT	2 ug/l	Env. Eng.
0	BROMOFORM	LT	10 ug/l	Env. Eng.
0	CHLOROFORM	LT	5 ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5 ug/l	Env. Eng.
0	BROMOMETHANE	LT	10 ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10 ug/l	Env. Eng.
0	CHLORIDE		5200 ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5 ug/l	Env. Eng.
0	CHROMIUM	LT	4 ug/l	Env. Eng.
0	COPPER		14 ug/l	Env. Eng.
0	CHLOROETHENE	LT	10 ug/l	Env. Eng.
0	CHLOROETHANE	LT	10 ug/l	Env. Eng.
0	BENZENE	LT	5 ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5 ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5 ug/l	Env. Eng.
0	FLUORIDE	LT	100 ug/l	Env. Eng.
0	IRON		49 ug/l	Env. Eng.
0	MERCURY	LT	0.20 ug/l	Env. Eng.
0	POTASSIUM	LT	500 ug/l	Env. Eng.
0	TOLUENE	LT	5 ug/l	Env. Eng.
0	MAGNESIUM		878 ug/l	Env. Eng.
1	MANGANESE		45 ug/l	Env. Eng.
0	SODIUM		3850 ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1300 ug/l	Env. Eng.
0	LEAD		8 ug/l	Env. Eng.
0	PHENOLS	LT	5 ug/l	Env. Eng.
0	SELENIUM	LT	2 ug/l	Env. Eng.
1	SILICA		8070 ug/l	Env. Eng.
0	SULFATE		7100 ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10 ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00 ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		58000 ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000 ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5 ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20 ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00 ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5 ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5 ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5 ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5 ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5 ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1 ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10 ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5 ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5 ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10 ug/l	Env. Eng.
0	ZINC		80 ug/l	Env. Eng.
0	GROSS ALPHA		1.33+-0.90 pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.35+-0.88 pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.83+-0.52 pCi/l	Rad. Meas.
2	TRITIUM		12.10+-0.73 pCi/ml	Rad. Meas.

WELL HET 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/11/89 Time 1645
Depth to water = 17.23 ft (5.25 m) below the TOC
Water elevation = 264.97 ft (80.76 m) msl
pH = 5.1 Alkalinity = 0 mg/L
Specific Conductance = 48 umhos/cm
Water Temperature = 19.4 degrees Celsius
Water evacuated from the well prior to sampling = 72 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	42.00 UMHC	Env. Lab
0	SPECIFIC CONDUCTANCE	46.00 UMHC	W. A
0	SPECIFIC CONDUCTANCE	44.20 UMHC	Env. Eng
0	PH	5.00 pH	Env. Lab
0	PH	5.10 pH	W. A

CONTINUED

WELL HET 1D COLLECTED ON 03/11/89 LABORATORY ANALYSES CONTINUED

0	PH		5.02	pH	Env. Eng.
0	SILVER	LT	10	ug/l	Env. Lab.
0	SILVER	LT	10	ug/l	W. A.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	200	ug/l	W. A.
0	ARSENIC	LT	5	ug/l	Env. Lab.
0	ARSENIC	LT	10	ug/l	W. A.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	100	ug/l	Env. Lab.
0	BARIUM	LT	200	ug/l	W. A.
0	BARIUM		5	ug/l	Env. Eng.
0	BERYLLIUM	LT	5	ug/l	W. A.
0	CALCIUM		200	ug/l	Env. Lab.
0	CALCIUM	LT	5000	ug/l	W. A.
0	CALCIUM		707	ug/l	Env. Eng.
0	CADMIUM	LT	10	ug/l	Env. Lab.
0	CADMIUM	LT	5	ug/l	W. A.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLORIDE		5000	ug/l	Env. Lab.
0	CHLORIDE		9000	ug/l	W. A.
0	CHLORIDE		5400	ug/l	Env. Eng.
0	COBALT	LT	50	ug/l	W. A.
0	CHROMIUM	LT	50	ug/l	Env. Lab.
0	CHROMIUM	LT	10	ug/l	W. A.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	25	ug/l	W. A.
0	FLUORIDE	LT	100	ug/l	Env. Lab.
0	FLUORIDE	LT	100	ug/l	W. A.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	50	ug/l	Env. Lab.
0	IRON	LT	100	ug/l	W. A.
0	IRON		24	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Lab.
0	MERCURY	LT	0.20	ug/l	W. A.
0	MERCURY		0.23	ug/l	Env. Eng.
0	POTASSIUM	LT	1000	ug/l	Env. Lab.
0	POTASSIUM	LT	5000	ug/l	W. A.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	LITHIUM	LT	50	ug/l	W. A.
0	MAGNESIUM		170	ug/l	Env. Lab.
0	MAGNESIUM	LT	5000	ug/l	W. A.
0	MAGNESIUM		192	ug/l	Env. Eng.
1	MANGANESE		30	ug/l	Env. Lab.
0	MANGANESE	LT	15	ug/l	W. A.
0	MANGANESE		16	ug/l	Env. Eng.
1	SODIUM		6700	ug/l	Env. Lab.
1	SODIUM		8600	ug/l	W. A.
1	SODIUM		7470	ug/l	Env. Eng.
1	NICKEL		46	ug/l	W. A.
0	NITRATE AS NITROGEN		1600	ug/l	Env. Lab.
0	NITRATE AS NITROGEN		1300	ug/l	W. A.
0	NITRATE AS NITROGEN		1270	ug/l	Env. Eng.
0	LEAD	LT	100	ug/l	Env. Lab.
0	LEAD	LT	5	ug/l	W. A.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Lab.
0	PHENOLS	LT	5	ug/l	W. A.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	60	ug/l	W. A.
0	SELENIUM	LT	10	ug/l	Env. Lab.
0	SELENIUM	LT	5	ug/l	W. A.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		5710	ug/l	Env. Lab.
1	SILICA		2490	ug/l	W. A.
1	SILICA		5500	ug/l	Env. Eng.
0	TIN	LT	100	ug/l	W. A.
0	SULFATE		6000	ug/l	Env. Lab.
0	SULFATE	LT	5000	ug/l	W. A.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		160000	ug/l	Env. Lab.
0	TOTAL DISSOLVED SOLIDS		37000	ug/l	W. A.
0	TOTAL DISSOLVED SOLIDS		26000	ug/l	Env. Eng.
0	THALLIUM	LT	10	ug/l	W. A.
0	TOTAL ORGANIC CARBON	LT	5000	ug/l	Env. Lab.
0	TOTAL ORGANIC CARBON	LT	500	ug/l	W. A.
0	TOTAL ORGANIC CARBON		1200	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	10	ug/l	Env. Lab.
0	TOTAL ORGANIC HALOGENS	LT	20	ug/l	W. A.
0	TOTAL ORGANIC HALOGENS		6	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	10	ug/l	Env. Lab.
0	TOTAL PHOSPHATES	LT	50	ug/l	W. A.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	URANIUM	LT	1000	ug/l	W. A.
0	VANADIUM	LT	50	ug/l	W. A.
0	ZINC		35	ug/l	W. A.
0	GROSS ALPHA	LT	0.65	pCi/l	Env. Lab.
0	GROSS ALPHA		0.00+-5.00	pCi/l	W. A.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	1	pCi/l	Env. Lab.
0	NONVOLATILE BETA		5.00+-3.00	pCi/l	W. A.
0	NONVOLATILE BETA		3.49+-0.67	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	0.50	pCi/l	Env. Lab.
0	TOTAL RADIUM		0.00+-0.30	pCi/l	W. A.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
2	TRITIUM		34.35+-1.13	pCi/ml	Env. Lab.
2	TRITIUM		49.00+-1.00	pCi/ml	W. A.
2	TRITIUM		37.12+-0.82	pCi/ml	Rad. Meas.

WELL HET 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/11/89 Time 1645
Depth to water = 17.23 ft (5.25 m) below the TOC
Water elevation = 264.97 ft (80.76 m) msl
pH = 5.1 Alkalinity = 0 mg/L
Specific Conductance = 48 umhos/cm
Water Temperature = 19.4 degrees Celsius
Water evacuated from the well prior to sampling = 72 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		59.70	UMHC	Env. Eng
0	PH		4.55	pH	Env. Eng
0	SILVER	LT	2	ug/l	Env. Eng
0	ARSENIC	LT	2	ug/l	Env. Eng
0	BARIUM		4	ug/l	Env. Eng
0	CALCIUM		245	ug/l	Env. Eng
0	CADMIUM	LT	2	ug/l	Env. Eng
0	CHLORIDE		5600	ug/l	Env. Eng
0	CHROMIUM	LT	4	ug/l	Env. Eng
0	FLUORIDE	LT	100	ug/l	Env. Eng
0	IRON		28	ug/l	Env. Eng
0	MERCURY		0.23	ug/l	Env. Eng
0	POTASSIUM	LT	500	ug/l	Env. Eng
0	MAGNESIUM		153	ug/l	Env. Eng
0	MANGANESE		14	ug/l	Env. Eng
1	SODIUM		7760	ug/l	Env. Eng
0	NITRATE AS NITROGEN		1350	ug/l	Env. Eng
0	NITRATE AS NITROGEN		1290	ug/l	Env. Eng
0	LEAD	LT	6	ug/l	Env. Eng
0	PHENOLS	LT	5	ug/l	Env. Eng
0	SELENIUM	LT	2	ug/l	Env. Eng
1	SILICA		5440	ug/l	Env. Eng
0	SULFATE	LT	5000	ug/l	Env. Eng
0	TOTAL DISSOLVED SOLIDS		24000	ug/l	Env. Eng
0	TOTAL ORGANIC CARBON		1200	ug/l	Env. Eng
0	TOTAL ORGANIC HALOGENS		6	ug/l	Env. Eng
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas
2	TRITIUM		38.09+-0.84	pCi/ml	Rad. Meas

WELL HET 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/19/89 Time 955
Depth to water = 21.54 ft (6.57 m) below the TOC
Water elevation = 255.36 ft (77.83 m) msl
pH = 6.1 Alkalinity = 4 mg/L
Specific Conductance = 32 umhos/cm
Water Temperature = 19.2 degrees Celsius
Water evacuated from the well prior to sampling = 8 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		30.34	UMHC	Env. Eng
0	PH		5.80	pH	Env. Eng
0	SILVER	LT	2	ug/l	Env. Eng
0	ARSENIC	LT	2	ug/l	Env. Eng
0	BARIUM		7	ug/l	Env. Eng
0	CALCIUM		1840	ug/l	Env. Eng
0	CADMIUM	LT	2	ug/l	Env. Eng
0	CHLORIDE		1900	ug/l	Env. Eng
0	CHROMIUM	LT	4	ug/l	Env. Eng
0	FLUORIDE	LT	100	ug/l	Env. Eng
0	IRON		60	ug/l	Env. Eng
0	MERCURY	LT	0.20	ug/l	Env. Eng
0	POTASSIUM	LT	500	ug/l	Env. Eng
0	MAGNESIUM		263	ug/l	Env. Eng
0	MANGANESE		11	ug/l	Env. Eng
0	SODIUM		2820	ug/l	Env. Eng
0	NITRATE AS NITROGEN		1200	ug/l	Env. Eng
0	LEAD		13	ug/l	Env. Eng
0	PHENOLS	LT	5	ug/l	Env. Eng
0	SELENIUM	LT	2	ug/l	Env. Eng
1	SILICA		6140	ug/l	Env. Eng
0	SULFATE	LT	5000	ug/l	Env. Eng
0	TOTAL DISSOLVED SOLIDS		40000	ug/l	Env. Eng
0	TOTAL DISSOLVED SOLIDS		44000	ug/l	Env. Eng
0	TOTAL ORGANIC CARBON		1300	ug/l	Env. Eng
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng
0	GROSS ALPHA		0.86+-0.68	pCi/l	Rad. Meas
0	NONVOLATILE BETA		0.82+-0.80	pCi/l	Rad. Meas
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas
2	TRITIUM		22.96+-0.57	pCi/ml	Rad. Meas

WELL HET 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/19/89 Time 940
Depth to water = 21.12 ft (6.44 m) below the TOC
Water elevation = 255.58 ft (77.90 m) msl
pH = 5.3 Alkalinity = 0 mg/L
Specific Conductance = 27 umhos/cm
Water Temperature = 18.8 degrees Celsius
Water evacuated from the well prior to sampling = 8 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		24.04	UMHC	Env. Eng.
0	PH		5.35	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	4	ug/l	Env. Eng.
0	CALCIUM		368	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLORIDE		2500	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		74	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	MAGNESIUM		320	ug/l	Env. Eng.
0	MANGANESE		3	ug/l	Env. Eng.
0	SODIUM		3050	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1370	ug/l	Env. Eng.
0	LEAD		8	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		4710	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		42000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
2	TRITIUM		26.15+-0.64	pCi/ml	Rad. Meas.

WELL HET 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/19/89 Time 920
Depth to water = 20.34 ft (6.20 m) below the TOC
Water elevation = 256.36 ft (78.14 m) msl
pH = 5.5 Alkalinity = 4 mg/L
Specific Conductance = 34 umhos/cm
Water Temperature = 18.8 degrees Celsius
Water evacuated from the well prior to sampling = 16 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		30.47	UMHC	Env. Eng.
0	PH		5.39	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		14	ug/l	Env. Eng.
0	CALCIUM		1910	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLORIDE		2300	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
2	IRON		496	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		575	ug/l	Env. Eng.
0	MAGNESIUM		515	ug/l	Env. Eng.
0	MANGANESE		25	ug/l	Env. Eng.
0	SODIUM		2810	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1030	ug/l	Env. Eng.
0	LEAD		9	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		7030	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		50000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		42000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1100	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		8	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		27	ug/l	Env. Eng.
0	GROSS ALPHA		1.72+-0.82	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.22+-0.82	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
2	TRITIUM		24.41+-0.61	pCi/ml	Rad. Meas.

WELL HR3 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/10/89 Time 1010
Depth to water = 13.85 ft (4.22 m) below the TOC
Water elevation = 257.55 ft (78.50 m) msl
pH = 4.8 Alkalinity = 0 mg/L
Specific Conductance = 45 umhos/cm
Water Temperature = 18.9 degrees Celsius
Water evacuated from the well prior to sampling = 149 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		49.80	UMHC	Env. Eng.
0	PH		4.92	pH	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		368	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
1	SODIUM		5290	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		9	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	GROSS ALPHA		2.87+-0.98	pCi/l	HP. 735A
0	NONVOLATILE BETA		2.21+-0.95	pCi/l	HP. 735A
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
2	TRITIUM		21.59+-0.77	pCi/ml	HP. 735A
1	TRITIUM		19.80+-0.49	pCi/ml	Rad. Meas.

WELL HR3 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/10/89 Time 930
Depth to water = 21.70 ft (6.61 m) below the TOC
Water elevation = 254.50 ft (77.57 m) msl
pH = 6.7 Alkalinity = 26 mg/L
Specific Conductance = 109 umhos/cm
Water Temperature = 20.4 degrees Celsius
Water evacuated from the well prior to sampling = 128 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		127.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		118.0	UMHC	Env. Eng.
1	PH		6.52	pH	Env. Eng.
0	PH		6.46	pH	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		14000	ug/l	Env. Eng.
1	CALCIUM		13700	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
1	SODIUM		6090	ug/l	Env. Eng.
1	SODIUM		5930	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		10	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.

CONTINUED

WELL HR3 13 COLLECTED ON 01/10/89 LABORATORY ANALYSES CONTINUED

0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	GROSS ALPHA		2.57+-1.01	pCi/l	HP, 735A
0	NONVOLATILE BETA		2.33+-1.00	pCi/l	HP, 735A
0	NONVOLATILE BETA		1.26+-1.02	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.56+-1.02	pCi/l	Rad. Meas.
0	CERIUM 144		0.00+-0.14	pCi/ml	HP, 735A
0	COBALT 60		0.00+-0.03	pCi/ml	HP, 735A
0	CHROMIUM 51		0.00+-0.20	pCi/ml	HP, 735A
0	CESIUM 134		0.00+-0.02	pCi/ml	HP, 735A
0	CESIUM 137		0.00+-0.02	pCi/ml	HP, 735A
0	IODINE 131		0.00+-0.06	pCi/ml	HP, 735A
0	RUTHENIUM 103		0.00+-0.02	pCi/ml	HP, 735A
0	RUTHENIUM 106		0.00+-0.17	pCi/ml	HP, 735A
0	ANTIMONY 125		0.00+-0.05	pCi/ml	HP, 735A
2	TRITIUM		42.89+-1.01	pCi/ml	HP, 735A
2	TRITIUM		40.10+-0.88	pCi/ml	Rad. Meas.
2	TRITIUM		40.90+-0.90	pCi/ml	Rad. Meas.
0	ZIRCONIUM/NIOBIUM 95		0.00+-0.06	pCi/ml	HP, 735A

WELL HR8 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/13/89 Time 1200
Depth to water = 15.72 ft (4.79 m) below the TOC
Water elevation = 243.48 ft (74.21 m) msl
pH = 4.7 Alkalinity = 0 mg/L
Specific Conductance = 28 umhos/cm
Water Temperature = 20.3 degrees Celsius
Water evacuated from the well prior to sampling = 93 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		38.80	UMHC	Env. Eng.
0	BARIUM	LT	4	ug/l	Env. Eng.
0	BARIUM	LT	4	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		2360	ug/l	Env. Eng.
0	SODIUM		2600	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		790	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		790	ug/l	Env. Eng.
0	LEAD		12	ug/l	Env. Eng.
0	LEAD		12	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	GROSS ALPHA		0.85+-0.57	pCi/l	HP, 735A
0	GROSS ALPHA		1.14+-0.71	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		0.46+-0.77	pCi/l	HP, 735A
0	NONVOLATILE BETA		2.11+-0.84	pCi/l	Rad. Meas.
0	CERIUM 144		0.00+-0.14	pCi/ml	HP, 735A
0	COBALT 60		0.00+-0.02	pCi/ml	HP, 735A
0	CHROMIUM 51		0.00+-0.20	pCi/ml	HP, 735A
0	CESIUM 134		0.00+-0.02	pCi/ml	HP, 735A
0	CESIUM 137		0.00+-0.02	pCi/ml	HP, 735A
0	IODINE 131		0.00+-0.06	pCi/ml	HP, 735A
0	RUTHENIUM 103		0.00+-0.02	pCi/ml	HP, 735A
0	RUTHENIUM 106		0.00+-0.15	pCi/ml	HP, 735A
0	ANTIMONY 125		0.00+-0.05	pCi/ml	HP, 735A
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
2	TRITIUM		48.37+-1.06	pCi/ml	HP, 735A
2	TRITIUM		47.90+-0.11	pCi/ml	Rad. Meas.
0	ZIRCONIUM/NIOBIUM 95		0.00+-0.06	pCi/ml	HP, 735A

WELL HR8 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/13/89 Time 1120
Depth to water = 19.60 ft (5.97 m) below the TOC
Water elevation = 237.90 ft (72.51 m) msl
pH = 4.7 Alkalinity = 0 mg/L
Specific Conductance = 32 umhos/cm
Water Temperature = 20.4 degrees Celsius
Water evacuated from the well prior to sampling = 82 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		37.40	UMHC	Env. Eng.
0	BARIUM	LT	4	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		3010	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1260	ug/l	Env. Eng.
0	LEAD		20	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	GROSS ALPHA		4.22+-1.67	pCi/l	HP, 735A
0	GROSS ALPHA		2.20+-0.85	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		15.25+-2.87	pCi/l	HP, 735A
1	NONVOLATILE BETA		18.60+-1.58	pCi/l	Rad. Meas.
0	CERIUM 144		0.00+-0.27	pCi/ml	HP, 735A
0	COBALT 60		0.00+-0.04	pCi/ml	HP, 735A
0	CHROMIUM 51		0.00+-0.37	pCi/ml	HP, 735A
0	CESIUM 134		0.00+-0.04	pCi/ml	HP, 735A
0	CESIUM 137		0.00+-0.04	pCi/ml	HP, 735A
0	IODINE 131		0.00+-0.13	pCi/ml	HP, 735A
0	RUTHENIUM 103		0.00+-0.05	pCi/ml	HP, 735A
0	RUTHENIUM 106		0.00+-0.30	pCi/ml	HP, 735A
0	ANTIMONY 125		0.00+-0.09	pCi/ml	HP, 735A
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
2	TRITIUM		32.42+-0.90	pCi/ml	HP, 735A
2	TRITIUM		30.00+-0.69	pCi/ml	Rad. Meas.
0	ZIRCONIUM/NIOBIUM 95		0.00+-0.11	pCi/ml	HP, 735A

WELL HR8 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/13/89 Time 1005
Depth to water = 16.28 ft (4.96 m) below the TOC
Water elevation = 236.82 ft (72.18 m) msl
pH = 4.6 Alkalinity = 0 mg/L
Specific Conductance = 48 umhos/cm
Water Temperature = 19.9 degrees Celsius
Water evacuated from the well prior to sampling = 91 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		50.00	UMHC	Env. Eng.
0	BARIUM		6	ug/l	Env. Eng
0	MANGANESE		3	ug/l	Env. Eng
0	SODIUM		4230	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1300	ug/l	Env. Eng.
0	LEAD		19	ug/l	Env. Eng
1	TOTAL ORGANIC HALOGENS		13	ug/l	Env. Eng.
1	GROSS ALPHA		6.13+-1.47	pCi/l	HP, 735A
0	GROSS ALPHA		2.50+-1.14	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		8.74+-1.55	pCi/l	HP, 735A
0	NONVOLATILE BETA		4.68+-1.17	pCi/l	Rad. Meas
0	CERIUM 144		0.00+-0.01	pCi/ml	HP, 735A
0	COBALT 60		0.00+-0.03	pCi/ml	HP, 735A
0	CHROMIUM 51		0.00+-0.19	pCi/ml	HP, 735A
0	CESIUM 134		0.00+-0.02	pCi/ml	HP, 735A
0	CESIUM 137		0.00+-0.02	pCi/ml	HP, 735A
0	IODINE 131		0.00+-0.06	pCi/ml	HP, 735A
0	RUTHENIUM 103		0.00+-0.02	pCi/ml	HP, 735A
0	RUTHENIUM 106		0.00+-0.02	pCi/ml	HP, 735A
0	ANTIMONY 125		0.00+-0.05	pCi/ml	HP, 735A
0	TOTAL RADIUM		1.08+-0.66	pCi/l	Rad. Meas
2	TRITIUM		32.94+-0.90	pCi/ml	HP, 735A
2	TRITIUM		28.40+-0.66	pCi/ml	Rad. Meas
0	ZIRCONIUM/NIOBIUM 95		0.00+-0.05	pCi/ml	HP, 735A

WELL HR8 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/13/89 Time 1055
Depth to water = 9.83 ft (3.00 m) below the TOC
Water elevation = 243.77 ft (74.30 m) msl
pH = 4.6 Alkalinity = 0 mg/L
Specific Conductance = 300 umhos/cm
Water Temperature = 19.9 degrees Celsius
Water evacuated from the well prior to sampling = 110 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		294.0	UMHC	Env. Eng.
0	BARIUM		47	ug/l	Env. Eng.
2	MANGANESE		78	ug/l	Env. Eng.
1	SODIUM		41900	ug/l	Env. Eng
2	NITRATE AS NITROGEN		31000	ug/l	Env. Eng.
0	LEAD		17	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
1	GROSS ALPHA		13.16+-2.72	pCi/l	HP, 735A
2	GROSS ALPHA		28.80+-4.47	pCi/l	Rad. Meas
1	NONVOLATILE BETA		14.24+-2.10	pCi/l	HP, 735A
1	NONVOLATILE BETA		19.00+-2.09	pCi/l	Rad. Meas
0	CERIUM 144		0.00+-0.14	pCi/ml	HP, 735A
0	COBALT 60		0.00+-0.20	pCi/ml	HP, 735A
0	CHROMIUM 51		0.00+-0.20	pCi/ml	HP, 735A
0	CESIUM 134		0.00+-0.02	pCi/ml	HP, 735A
0	CESIUM 137		0.00+-0.02	pCi/ml	HP, 735A
0	IODINE 131		0.00+-0.06	pCi/ml	HP, 735A
0	RUTHENIUM 103		0.00+-0.02	pCi/ml	HP, 735A
0	RUTHENIUM 106		0.00+-0.16	pCi/ml	HP, 735A
0	ANTIMONY 125		0.00+-0.05	pCi/ml	HP, 735A
2	TOTAL RADIUM		10.50+-1.66	pCi/l	Rad. Meas
0	TRITIUM		7.07+-0.55	pCi/ml	HP, 735A
0	TRITIUM		4.70+-0.28	pCi/ml	Rad. Meas
0	ZIRCONIUM/NIOBIUM 95		0.00+-0.07	pCi/ml	HP, 735A

WELL HSB 65

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/11/89 Time 1200
Depth to water = 40.67 ft (12.40 m) below the TOC
Water elevation = 231.33 ft (70.51 m) msl
pH = 4.9 Alkalinity = 0 mg/L
Specific Conductance = 49 umhos/cm
Water Temperature = 18.4 degrees Celsius
Water evacuated from the well prior to sampling = 50 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		56.50	UMHC	Env. Eng
0	SPECIFIC CONDUCTANCE		55.30	UMHC	Env. Eng
1	PH		3.68	pH	Env. Eng
1	PH		3.50	pH	Env. Eng
0	SILVER	LT	2	ug/l	Env. Eng
0	ALUMINUM		34	ug/l	Env. Eng
0	ARSENIC	LT	2	ug/l	Env. Eng
0	BARIUM		10	ug/l	Env. Eng
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng
0	CALCIUM		665	ug/l	Env. Eng
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng

CONTINUED

WELL HSB 65 COLLECTED ON 01/11/89 LABORATORY ANALYSES CONTINUED

0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		4400	ug/l	Env. Eng.
0	CHLORIDE		4100	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
1	COPPER		73	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		876	ug/l	Env. Eng.
0	MANGANESE		2	ug/l	Env. Eng.
1	SODIUM		5390	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
1	NITRATE AS NITROGEN		3640	ug/l	Env. Eng.
1	NITRATE AS NITROGEN		3540	ug/l	Env. Eng.
0	LEAD		17	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		6320	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		24000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		26	ug/l	Env. Eng.
0	GROSS ALPHA		2.01+-2.83	pCi/l	HP, 735A
0	GROSS ALPHA		0.59+-0.53	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		0.16+-0.55	pCi/l	HP, 735A
0	NONVOLATILE BETA		1.45+-0.79	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.34+-0.70	pCi/l	Rad. Meas.
2	TRITIUM		42.30+-1.01	pCi/ml	HP, 735A
2	TRITIUM		34.30+-0.77	pCi/ml	Rad. Meas.

WELL HSB 65A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/11/89 Time 1305
Depth to water = 104.22 ft (31.77 m) below the TOC
Water elevation = 169.38 ft (51.63 m) msl
pH = 7.3 Alkalinity = 73 mg/L
Specific Conductance = 194 umhos/cm
Water Temperature = 19.3 degrees Celsius
Water evacuated from the well prior to sampling = 277 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		213.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		206.0	UMHC	Env. Eng.
1	PH		6.94	pH	Env. Eng.
1	PH		6.98	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		5.	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		31400	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	ACETONITRILE (METHYL CYANIDE)	LT	12	ug/l	Env. Eng.
0	CHLORIDE		2800	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		13	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.

CONTINUED

WELL HSB 65A COLLECTED ON 01/11/89 LABORATORY ANALYSES CONTINUED

0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1690	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		668	ug/l	Env. Eng
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		2060	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng
0	NITRATE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		24500	ug/l	Env. Eng.
0	SULFATE		6400	ug/l	Env. Eng.
0	SULFIDE	LT	1000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		156000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		162000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		70	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng
0	ZINC		3	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		0.39+-0.21	pCi/ml	Rad. Meas.

WELL HSB 65B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/12/89 Time 1435
Depth to water = 50.52 ft (15.40 m) below the TOC
Water elevation = 223.18 ft (68.03 m) msl
pH = 7.7 Alkalinity = 97 mg/L
Specific Conductance = 185 umhos/cm
Water Temperature = 19.4 degrees Celsius
Water evacuated from the well prior to sampling = 260 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		190.0	UMHC	Env. Lab
1	SPECIFIC CONDUCTANCE		181.0	UMHC	W. A.
1	SPECIFIC CONDUCTANCE		188.0	UMHC	Env. Eng.
1	PH		7.50	pH	Env. Lab.
1	PH		7.80	pH	W. A.
1	PH		6.99	pH	Env. Eng.
0	SILVER	LT	10	ug/l	Env. Lab.
0	SILVER	LT	10	ug/l	W. A.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	400	ug/l	Env. Lab.
0	ALUMINUM	LT	200	ug/l	W. A.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	5	ug/l	Env. Lab
0	ARSENIC	LT	10	ug/l	W. A.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	100	ug/l	Env. Lab
0	BARIUM	LT	200	ug/l	W. A.
0	BARIUM		18	ug/l	Env. Eng
0	BERYLLIUM	LT	5	ug/l	W. A.
0	BROMODICHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	BROMODICHLOROMETHANE	LT	5	ug/l	W. A.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		37000	ug/l	Env. Lab
1	CALCIUM		33200	ug/l	W. A.
1	CALCIUM		40800	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	1	ug/l	Env. Lab.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	W. A.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Lab.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	W. A.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng
0	CADMIUM	LT	10	ug/l	Env. Lab
0	CADMIUM	LT	5	ug/l	W. A.
0	CADMIUM	LT	2	ug/l	Env. Eng
0	BROMOFORM	LT	1	ug/l	Env. Lab
0	BROMOFORM	LT	5	ug/l	W. A.
0	BROMOFORM	LT	10	ug/l	Env. Eng
0	CHLOROFORM	LT	1	ug/l	Env. Lab.
0	CHLOROFORM	LT	5	ug/l	W. A.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	1	ug/l	Env. Lab.
0	METHYLENE CHLORIDE	LT	5	ug/l	W. A
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng
0	BROMOMETHANE	LT	1	ug/l	Env. Lab
0	BROMOMETHANE	LT	10	ug/l	W. A.

CONTINUED

WELL HSB 65B COLLECTED ON 03/12/89 LABORATORY ANALYSES CONTINUED

0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	CHLOROMETHANE	LT	10	ug/l	W. A.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3000	ug/l	Env. Lab.
0	CHLORIDE	LT	5000	ug/l	W. A.
0	CHLORIDE		2800	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	CHLOROBENZENE	LT	5	ug/l	W. A.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	50	ug/l	Env. Lab.
0	COBALT	LT	50	ug/l	W. A.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	50	ug/l	Env. Lab.
1	CHROMIUM		18	ug/l	W. A.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	20	ug/l	Env. Lab.
0	COPPER	LT	25	ug/l	W. A.
0	COPPER		12	ug/l	Env. Eng.
0	CYANIDE	LT	20	ug/l	Env. Lab.
0	CYANIDE	LT	10	ug/l	W. A.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	1	ug/l	Env. Lab.
0	CHLOROETHENE	LT	10	ug/l	W. A.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	1	ug/l	Env. Lab.
0	CHLOROETHANE	LT	10	ug/l	W. A.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	1	ug/l	Env. Lab.
0	BENZENE	LT	5	ug/l	W. A.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	W. A.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.05	ug/l	Env. Lab.
0	ENDRIN	LT	0.10	ug/l	W. A.
0	ENDRIN	LT	0.11	ug/l	W. A.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	1	ug/l	Env. Lab.
0	ETHYLBENZENE	LT	5	ug/l	W. A.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Lab.
0	FLUORIDE	LT	100	ug/l	W. A.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	50	ug/l	Env. Lab.
0	IRON	LT	100	ug/l	W. A.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Lab.
0	MERCURY	LT	0.20	ug/l	W. A.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	1000	ug/l	Env. Lab.
0	POTASSIUM	LT	5000	ug/l	W. A.
0	POTASSIUM		578	ug/l	Env. Eng.
0	LITHIUM	LT	50	ug/l	W. A.
0	LINDANE	LT	0.05	ug/l	W. A.
0	LINDANE	LT	0.05	ug/l	W. A.
0	TOLUENE	LT	1	ug/l	Env. Lab.
0	TOLUENE	LT	5	ug/l	W. A.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	W. A.
0	METHOXYCHLOR	LT	0.54	ug/l	W. A.
0	MAGNESIUM		760	ug/l	Env. Lab.
0	MAGNESIUM	LT	5000	ug/l	W. A.
0	MAGNESIUM		722	ug/l	Env. Eng.
0	MANGANESE	LT	20	ug/l	Env. Lab.
0	MANGANESE	LT	15	ug/l	W. A.
0	MANGANESE		2	ug/l	Env. Eng.
0	SODIUM		1600	ug/l	Env. Lab.
0	SODIUM	LT	5000	ug/l	W. A.
0	SODIUM		1630	ug/l	Env. Eng.
0	AMMONIA NITROGEN	LT	100	ug/l	Env. Lab.
0	NICKEL	LT	50	ug/l	Env. Lab.
0	NICKEL	LT	40	ug/l	W. A.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	LT	100	ug/l	Env. Lab.
0	NITRATE AS NITROGEN	LT	100	ug/l	W. A.
0	NITRATE AS NITROGEN		61	ug/l	Env. Eng.
0	LEAD	LT	100	ug/l	Env. Lab.
0	LEAD		6	ug/l	W. A.
1	LEAD		25	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Lab.
0	PHENOLS	LT	5	ug/l	W. A.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	200	ug/l	Env. Lab.
0	ANTIMONY	LT	60	ug/l	W. A.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	10	ug/l	Env. Lab.
0	SELENIUM	LT	5	ug/l	W. A.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		16700	ug/l	Env. Lab.
1	SILICA		7110	ug/l	W. A.
1	SILICA		15500	ug/l	Env. Eng.
0	TIN	LT	100	ug/l	W. A.
0	SULFATE		7000	ug/l	Env. Lab.
0	SULFATE	LT	5000	ug/l	W. A.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,2,2-TETRACHLOROETHANE	LT	5	ug/l	W. A.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Lab.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	W. A.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		110000	ug/l	Env. Lab.
0	TOTAL DISSOLVED SOLIDS		128000	ug/l	W. A.
0	TOTAL DISSOLVED SOLIDS		122000	ug/l	Env. Eng.
0	THALLIUM	LT	10	ug/l	W. A.
0	TOTAL ORGANIC CARBON	LT	5000	ug/l	Env. Lab.
0	TOTAL ORGANIC CARBON		1800	ug/l	W. A.
0	TOTAL ORGANIC CARBON		1100	ug/l	Env. Eng.

CONTINUED

WELL HSB 65B COLLECTED ON 03/12/89 LABORATORY ANALYSES CONTINUED

0	TOTAL ORGANIC HALOGENS	LT	10	ug/l	Env. Lab
0	TOTAL ORGANIC HALOGENS	LT	20	ug/l	W. A
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng
0	TOTAL PHOSPHATES		20	ug/l	Env. Lab
0	TOTAL PHOSPHATES		64	ug/l	W. A
0	TOTAL PHOSPHATES		87	ug/l	Env. Eng
0	TOTAL PHOSPHATES		84	ug/l	Env. Eng
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Lab
0	TRICHLOROETHYLENE	LT	5.00	ug/l	W. A.
2	TRICHLOROETHYLENE		7.00	ug/l	Env. Eng
0	TOXAPHENE	LT	1	ug/l	W. A.
0	TOXAPHENE	LT	1	ug/l	W. A.
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	Env. Lab.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	W. A.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng
0	URANIUM	LT	1000	ug/l	W. A.
0	VANADIUM	LT	1000	ug/l	Env. Lab
0	VANADIUM	LT	50	ug/l	W. A.
1	VANADIUM		3	ug/l	Env. Eng
0	XYLENES	LT	1	ug/l	Env. Lab
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	Env. Lab
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	W. A.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng
0	1,1-DICHLOROETHANE	LT	1	ug/l	Env. Lab
0	1,1-DICHLOROETHANE	LT	5	ug/l	W. A
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Lab
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	W. A
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,1,2-TRICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	W. A
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,2-DICHLOROBENZENE	LT	1	ug/l	Env. Lab
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROETHANE	LT	5	ug/l	W. A.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng
0	1,2-DICHLOROPROPANE	LT	1	ug/l	Env. Lab
0	1,2-DICHLOROPROPANE	LT	5	ug/l	W. A
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	1,3-DICHLOROBENZENE	LT	1	ug/l	Env. Lab
0	CIS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	W. A.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng
0	TRANS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	W. A
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng
0	1,4-DICHLOROBENZENE	LT	1	ug/l	Env. Lab
0	2-CHLOROETHYLVINYL ETHER	LT	1	ug/l	Env. Lab
0	2-CHLOROETHYLVINYL ETHER	LT	5	ug/l	W. A
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng
0	ZINC	LT	10	ug/l	Env. Lab.
0	ZINC		49	ug/l	W. A.
0	ZINC		29	ug/l	Env. Eng.
0	GROSS ALPHA	LT	1	pCi/l	Env. Lab
0	GROSS ALPHA		0.00+-5.00	pCi/l	W. A.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas
0	NONVOLATILE BETA	LT	0.99	pCi/l	Env. Lab.
0	NONVOLATILE BETA		0.00+-2.00	pCi/l	W. A.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	0.47	pCi/l	Env. Lab
0	TOTAL RADIUM		0.00+-0.20	pCi/l	W. A.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas
0	TRITIUM	LT	1	pCi/ml	Env. Lab
0	TRITIUM		0.00+-0.60	pCi/ml	W. A
0	TRITIUM		0.28+-0.21	pCi/ml	Rad. Meas
0	TRITIUM		0.34+-0.20	pCi/ml	Rad. Meas

WELL HSB 65B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/12/89 Time 1435
Depth to water = 50.52 ft (15.40 m) below the TOC
Water elevation = 223.18 ft (68.03 m) msl
pH = 7.7 Alkalinity = 97 mg/L
Specific Conductance = 185 umhos/cm
Water Temperature = 19.4 degrees Celsius
Water evacuated from the well prior to sampling = 260 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		186.0	UMHO	Env. Eng
1	PH		6.65	pH	Env. Eng
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng
0	ALUMINUM	LT	20	ug/l	Env. Eng
0	ARSENIC	LT	2	ug/l	Env. Eng
0	BARIUM		18	ug/l	Env. Eng
0	BARIUM		18	ug/l	Env. Eng
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng
1	CALCIUM		38600	ug/l	Env. Eng
1	CALCIUM		40300	ug/l	Env. Eng
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng
0	CADMIUM	LT	2	ug/l	Env. Eng
0	CADMIUM	LT	2	ug/l	Env. Eng
0	BROMOFORM	LT	10	ug/l	Env. Eng
0	CHLOROFORM	LT	5	ug/l	Env. Eng
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng
0	BROMOMETHANE	LT	10	ug/l	Env. Eng
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng
0	CHLORIDE		2900	ug/l	Env. Eng
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng

CONTINUED

WELL HSB 65B COLLECTED ON 03/12/89 LABORATORY ANALYSES CONTINUED

0	COBALT	LT	4	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER*		12	ug/l	Env. Eng.
0	COPPER		12	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		120	ug/l	Env. Eng.
0	IRON		21	ug/l	Env. Eng.
0	IRON		43	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		541	ug/l	Env. Eng.
0	POTASSIUM		629	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		740	ug/l	Env. Eng.
0	MAGNESIUM		757	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		1700	ug/l	Env. Eng.
0	SODIUM		1750	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		73	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		15400	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		116000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		42	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
1	VANADIUM		3	ug/l	Env. Eng.
1	VANADIUM		2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		12	ug/l	Env. Eng.
0	ZINC		16	ug/l	Env. Eng.
0	GROSS ALPHA		0.95+-0.78	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		0.32+-0.20	pCi/ml	Rad. Meas.

WELL HSB 65C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/11/89 Time 1355
Depth to water = 42.05 ft (12.82 m) below the TOC
Water elevation = 231.55 ft (70.58 m) msl
pH = 5.1 Alkalinity = 0 mg/L
Specific Conductance = 57 umhos/cm
Water Temperature = 19.1 degrees Celsius
Water evacuated from the well prior to sampling = 62 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		65.50	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		64.50	UMHC	Env. Eng.
0	PH		4.78	pH	Env. Eng.
0	PH		4.83	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM		21	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		7	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		1360	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	ACETONITRILE (METHYL CYANIDE)	LT	12	ug/l	Env. Eng.
0	CHLORIDE		4400	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		11	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.

CONTINUED

WELL HSB 65C COLLECTED ON 01/11/89 LABORATORY ANALYSES CONTINUED

0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		556	ug/l	Env. Eng.
0	MANGANESE		11	ug/l	Env. Eng.
1	SODIUM		6900	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
1	NITRATE AS NITROGEN		3170	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		6810	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFIDE	LT	1000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		256000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		28	ug/l	Env. Eng.
0	GROSS ALPHA		1.17+-1.07	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
2	TRITIUM		27.30+-0.64	pCi/ml	Rad. Meas.

WELL HSB 66

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/17/89 Time 1230
Depth to water = 54.59 ft (16.64 m) below the TOC
Water elevation = 225.61 ft (68.77 m) msl
pH = 5.3 Alkalinity = 2 mg/L
Specific Conductance = 29 umhos/cm
Water Temperature = 19.2 degrees Celsius
Water evacuated from the well prior to sampling = 85 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		36.30	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		32.30	UMHC	Env. Eng.
0	PH		4.78	pH	Env. Eng.
0	PH		4.76	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM		33	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	4	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		891	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3200	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
1	COPPER		34	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		35	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		317	ug/l	Env. Eng.
0	MANGANESE		6	ug/l	Env. Eng.
0	SODIUM		2720	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1120	ug/l	Env. Eng.
0	LEAD		13	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		8730	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.

CONTINUED

WELL HSB 66 COLLECTED ON 01/17/89 LABORATORY ANALYSES CONTINUED

0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		30000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		19	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		130	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		28	ug/l	Env. Eng.
0	GROSS ALPHA		1.44+-0.83	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.04+-0.65	pCi/l	Rad. Meas.
2	TRITIUM		36.00+-0.83	pCi/ml	Rad. Meas.

WELL HSB 67

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/17/89 Time 1540
Depth to water = 13.47 ft (4.11 m) below the TOC
Water elevation = 224.33 ft (68.38 m) msl
pH = 4.2 Alkalinity = 0 mg/L
Specific Conductance = 132 umhos/cm
Water Temperature = 19.2 degrees Celsius
Water evacuated from the well prior to sampling = 61 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		118.0	UMHC	Env. Eng.
0	PH		4.16	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
2	ALUMINUM		1480	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		39	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		1400	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2600	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
1	COPPER		53	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	1.00	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		130	ug/l	Env. Eng.
0	IRON		44	ug/l	Env. Eng.
1	MERCURY		0.61	ug/l	Env. Eng.
0	POTASSIUM		635	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		1040	ug/l	Env. Eng.
2	MANGANESE		164	ug/l	Env. Eng.
1	SODIUM		13600	ug/l	Env. Eng.
0	NICKEL		5	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		10500	ug/l	Env. Eng.
0	LEAD		10	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		7070	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		56000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		33	ug/l	Env. Eng.
2	GROSS ALPHA		38.20+-16.9	pCi/l	HP, 735A
1	GROSS ALPHA		11.90+-1.75	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		1470+-92.1	pCi/l	HP, 735A
2	NONVOLATILE BETA		689+-9.04	pCi/l	Rad. Meas.

CONTINUED

WELL HSB 67 COLLECTED ON 01/17/89 LABORATORY ANALYSES CONTINUED

2	TOTAL RADIUM		8.78+-1.38	pCi/l	Rad. Meas
2	TRITIUM		1460+-29.4	pCi/ml	HP, 735A
2	TRITIUM		1955+-9.73	pCi/ml	Rad. Meas

WELL HSB 68

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/11/89 Time 1545
pH = 3.9 Alkalinity = 0 mg/L
Specific Conductance = 300 umhos/cm
Water Temperature = 19.1 degrees Celsius
Water evacuated from the well prior to sampling = 45 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		290.0	UMHC	Env. Eng.
1	PH		3.68	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng
2	ALUMINUM		7600	ug/l	Env. Eng
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		136	ug/l	Env. Eng
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng
0	CALCIUM		3730	ug/l	Env. Eng
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng
0	CADMIUM	LT	2	ug/l	Env. Eng
0	BROMOFORM	LT	10	ug/l	Env. Eng
0	CHLOROFORM	LT	5	ug/l	Env. Eng
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng
0	BROMOMETHANE	LT	10	ug/l	Env. Eng
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng
0	CHLORIDE		1800	ug/l	Env. Eng.
0	CHLORIDE		1600	ug/l	Env. Eng
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
1	COBALT		9	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
1	COPPER		27	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng
0	ENDRIN	LT	0.10	ug/l	Env. Eng
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng
1	FLUORIDE		500	ug/l	Env. Eng
1	IRON		204	ug/l	Env. Eng.
1	MERCURY		0.77	ug/l	Env. Eng
1	MERCURY		0.72	ug/l	Env. Eng
0	POTASSIUM		1590	ug/l	Env. Eng
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		915	ug/l	Env. Eng
2	MANGANESE		868	ug/l	Env. Eng
1	SODIUM		22400	ug/l	Env. Eng
1	NICKEL		27	ug/l	Env. Eng
2	NITRATE AS NITROGEN		30100	ug/l	Env. Eng.
0	LEAD		9	ug/l	Env. Eng
0	PHENOLS	LT	5	ug/l	Env. Eng
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng
1	SILICA		16100	ug/l	Env. Eng
1	SILICA		16100	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		90000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng
0	TOTAL PHOSPHATES		50	ug/l	Env. Eng
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng
0	VANADIUM	LT	2	ug/l	Env. Eng
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		80	ug/l	Env. Eng.
2	GROSS ALPHA		79.40+-9.31	pCi/l	HP, 735A
2	GROSS ALPHA		39.50+-4.91	pCi/l	Rad. Meas
2	NONVOLATILE BETA		10400+- 822	pCi/l	HP, 735A
2	NONVOLATILE BETA		7203+-33.8	pCi/l	Rad. Meas
2	TOTAL RADIUM		11.90+-1.68	pCi/l	Rad. Meas
2	TRITIUM		20300+-64.6	pCi/ml	HP, 735A
2	TRITIUM		17390+- 149	pCi/ml	Rad. Meas

WELL HSB 68A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/11/89 Time 1530
Depth to water = 79.68 ft (24.29 m) below the TOC
Water elevation = 189.72 ft (51.73 m) msl
pH = 7.2 Alkalinity = 33 mg/L
Specific Conductance = 141 umhos/cm
Water Temperature = 18.9 degrees Celsius
Water evacuated from the well prior to sampling = 317 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		138.0	UMHC	Env. Eng.
0	PH		5.54	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		34	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		21200	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		4400	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		11	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
1	BENZENE		12	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1590	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		904	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		2140	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		110	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		21500	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		100000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		290	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		6	ug/l	Env. Eng.
0	GROSS ALPHA		0.07+-1.28	pCi/l	HP, 735A
0	GROSS ALPHA		0.69+-0.63	pCi/l	Rad. Meas.

CONTINUED

WELL HSB 68A COLLECTED ON 01/11/89 LABORATORY ANALYSES CONTINUED

1	NONVOLATILE BETA		19.10+-1.83	pCi/l	HP, 735A
1	NONVOLATILE BETA		14.70+-1.53	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas
1	TRITIUM		17.80+-0.72	pCi/ml	HP, 735A
1	TRITIUM		12.60+-0.38	pCi/ml	Rad. Meas

WELL HSB 68B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/05/89 Time 1035
Depth to water = 33.69 ft (10.27 m) below the TOC
Water elevation = 216.31 ft (65.93 m) msl
pH = 7.6 Alkalinity = 108 mg/L
Specific Conductance = 255 umhos/cm
Water Temperature = 18.8 degrees Celsius
Water evacuated from the well prior to sampling = 49 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		224.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		228.0	UMHC	Env. Eng.
1	PH		7.51	pH	Env. Eng.
1	PH		7.58	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM		41	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		27	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		32300	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3200	ug/l	Env. Eng.
0	CHLORIDE		2900	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		10	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		160	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		667	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		1010	ug/l	Env. Eng.
0	MANGANESE		5	ug/l	Env. Eng.
0	SODIUM		2000	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		302	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		20500	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		142000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1500	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1500	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
1	TOTAL PHOSPHATES		360	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		15	ug/l	Env. Eng.
0	GROSS ALPHA		1.13+-1.49	pCi/l	HP, 735A
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas
0	NONVOLATILE BETA		8.18+-1.57	pCi/l	HP, 735A
0	NONVOLATILE BETA		8.13+-1.58	pCi/l	Rad. Meas
0	TOTAL RADIUM		1.29+-0.57	pCi/l	Rad. Meas
2	TRITIUM		30.90+-1.10	pCi/ml	HP, 735A
2	TRITIUM		14.69+-0.79	pCi/ml	Rad. Meas

WELL HSB 68C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/05/89 Time 1055
Depth to water = 32.87 ft (10.02 m) below the TOC
Water elevation = 217.23 ft (66.21 m) msl
pH = 5.8 Alkalinity = 0 mg/L
Specific Conductance = 117 umhos/cm
Water Temperature = 18.8 degrees Celsius
Water evacuated from the well prior to sampling = 20 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		112.0	UMHC	Env. Eng.
0	PH		5.60	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM		44	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		16	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		6120	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM		2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3900	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
1	COPPER		55	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		160	ug/l	Env. Eng.
1	IRON		299	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		862	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		1170	ug/l	Env. Eng.
1	MANGANESE		46	ug/l	Env. Eng.
1	SODIUM		14300	ug/l	Env. Eng.
1	NICKEL		11	ug/l	Env. Eng.
1	NITRATE AS NITROGEN		9720	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		9740	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		76000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		2000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		173	ug/l	Env. Eng.
0	GROSS ALPHA		0.63+-0.58	pCi/l	HP, 735A
0	GROSS ALPHA		4.38+-1.52	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		9.48+-1.92	pCi/l	HP, 735A
1	NONVOLATILE BETA		13.80+-1.44	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.81+-0.49	pCi/l	Rad. Meas.
2	TRITIUM		1680+-8.92	pCi/ml	HP, 735A
2	TRITIUM		1864+-7.50	pCi/ml	Rad. Meas.

WELL HSB 69

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/15/89 Time 1055
Depth to water = 16.17 ft (4.93 m) below the TOC
Water elevation = 219.83 ft (67.00 m) msl
pH = 3.8 Alkalinity = 0 mg/L
Specific Conductance = 380 umhos/cm
Water Temperature = 19.9 degrees Celsius
Water evacuated from the well prior to sampling = 56 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		350.0	UMHC	Env. Eng.
1	PH		3.68	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
2	ALUMINUM		5210	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		122	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		5430	ug/l	Env. Eng.

CONTINUED

WELL HSB 69 COLLECTED ON 01/15/89 LABORATORY ANALYSES CONTINUED

0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		6000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
1	COBALT		13	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		13	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		470	ug/l	Env. Eng.
0	IRON		23	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		2460	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		3500	ug/l	Env. Eng.
2	MANGANESE		890	ug/l	Env. Eng.
1	SODIUM		32200	ug/l	Env. Eng.
1	NICKEL		28	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		36300	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		18300	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		182000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		160000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		40	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		90	ug/l	Env. Eng.
2	GROSS ALPHA		92.80+-11.1	pCi/l	HP, 735A
2	GROSS ALPHA		45.50+-6.59	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		8990+- 700	pCi/l	HP, 735A
2	NONVOLATILE BETA		6413+-40.9	pCi/l	Rad. Meas.
2	TOTAL RADIUM		22.40+-2.19	pCi/l	Rad. Meas.
2	TRITIUM		26500+-73.7	pCi/ml	HP, 735A
2	TRITIUM		23930+- 168	pCi/ml	Rad. Meas.

WELL HSB 69A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/15/89 Time 1035
Depth to water = 66.59 ft (20.30 m) below the TOC
Water elevation = 170.01 ft (51.82 m) msl
pH = 7.3 Alkalinity = 46 mg/L
Specific Conductance = 174 umhos/cm
Water Temperature = 18.3 degrees Celsius
Water evacuated from the well prior to sampling = 240 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		187.0	UMHC	Env. Eng.
1	PH		7.02	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		36	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		25600	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2900	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		11	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.

CONTINUED

WELL HSB 69A COLLECTED ON 01/15/89 LABORATORY ANALYSES CONTINUED

0	FLUORIDE		130	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		2060	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		730	ug/l	Env. Eng.
0	MANGANESE		21	ug/l	Env. Eng.
0	SODIUM		3190	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		29800	ug/l	Env. Eng.
1	SILICA		29400	ug/l	Env. Eng.
0	SULFATE		8300	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		128000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		260	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		12	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.21+-1.09	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		0.24+-0.20	pCi/ml	Rad. Meas.

WELL HSB 70

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/11/89 Time 1430
Depth to water = 19.19 ft (5.85 m) below the TOC
Water elevation = 223.61 ft (68.18 m) msl
pH = 5.2 Alkalinity = 6 mg/L
Specific Conductance = 137 umhos/cm
Water Temperature = 20.2 degrees Celsius
Water evacuated from the well prior to sampling = 47 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		169.0	UMHC	Env. Eng.
0	PH		5.13	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		64	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		8700	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2760	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
1	COPPER		454	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		160	ug/l	Env. Eng.
0	IRON		27	ug/l	Env. Eng.
0	MERCURY		0.29	ug/l	Env. Eng.
0	POTASSIUM		1060	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		1410	ug/l	Env. Eng.
1	MANGANESE		44	ug/l	Env. Eng.
1	SODIUM		16700	ug/l	Env. Eng.
0	NICKEL		7	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		13400	ug/l	Env. Eng.
2	LEAD		66	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		5180	ug/l	Env. Eng.
1	SILICA		5200	ug/l	Env. Eng.
0	SULFATE		4500	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		136000	ug/l	Env. Eng.

CONTINUED

WELL HSB 70 COLLECTED ON 02/11/89 LABORATORY ANALYSES CONTINUED

0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		125	ug/l	Env. Eng.
0	GROSS ALPHA		0.70+-0.87	pCi/l	HP, 739A
0	GROSS ALPHA		1.47+-0.88	pCi/l	Rad. Meas.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		26.00+-3.16	pCi/l	HP, 739A
1	NONVOLATILE BETA		28.60+-1.99	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		31.80+-2.09	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.54+-0.48	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.50+-0.45	pCi/l	Rad. Meas.
2	TRITIUM		11400+- 229	pCi/ml	HP, 739A
2	TRITIUM		14153+-71.2	pCi/ml	Rad. Meas.
2	TRITIUM		13954+-70.7	pCi/ml	Rad. Meas.

WELL HSB 70C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/12/89 Time 905
Depth to water = 20.96 ft (6.39 m) below the TOC
Water elevation = 222.14 ft (67.71 m) msl
pH = 11.5 Alkalinity = 148 mg/L
Specific Conductance = 750 umhos/cm
Water Temperature = 18.9 degrees Celsius
Water evacuated from the well prior to sampling = 30 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		625.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		681.0	UMHC	Env. Eng.
2	PH		10.5	pH	Env. Eng.
2	PH		10.6	pH	Env. Eng.
1	SILVER		3	ug/l	Env. Eng.
2	ALUMINUM		972	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		193	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		58900	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3170	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		18	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		240	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY		0.22	ug/l	Env. Eng.
1	POTASSIUM		6210	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		79	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
1	SODIUM		18100	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		12500	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		8830	ug/l	Env. Eng.
0	SULFATE		6000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		244000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		3100	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
1	VANADIUM		2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.

CONTINUED

WELL HSB 70C COLLECTED ON 02/12/89 LABORATORY ANALYSES CONTINUED

0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		16	ug/l	Env. Eng.
1	GROSS ALPHA		5.47+-5.75	pCi/l	HP, 735A
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		19.30+-8.08	pCi/l	HP, 735A
1	NONVOLATILE BETA		40.50+-3.83	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.90+-0.56	pCi/l	Rad. Meas.
2	TRITIUM		4230+-84.7	pCi/ml	HP, 735A
2	TRITIUM		4492+-40.7	pCi/ml	Rad. Meas.

WELL HSB 71

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/11/89 Time 1555
Depth to water = 20.59 ft (6.28 m) below the TOC
Water elevation = 220.81 ft (67.30 m) msl
pH = 4.9 Alkalinity = 0 mg/L
Specific Conductance = 87 umhos/cm
Water Temperature = 18.2 degrees Celsius
Water evacuated from the well prior to sampling = 49 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		95.90	UMHC	Env. Eng.
0	PH		4.96	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM		46	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		13	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		843	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3880	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
1	COPPER		113	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		120	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		769	ug/l	Env. Eng.
0	MANGANESE		9	ug/l	Env. Eng.
1	SODIUM		11300	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
1	NITRATE AS NITROGEN		8350	ug/l	Env. Eng.
0	LEAD		17	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		5710	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		80000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1400	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		54	ug/l	Env. Eng.
0	GROSS ALPHA		1.63+-1.15	pCi/l	HP, 735A
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		18.50+-2.53	pCi/l	HP, 735A
1	NONVOLATILE BETA		25.20+-1.90	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
2	TRITIUM		2830+-57.8	pCi/ml	HP, 735A
2	TRITIUM		2754+-32.3	pCi/ml	Rad. Meas.

WELL HSB 71C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/12/89 Time 1230
Depth to water = 21.59 ft (6.58 m) below the TOC
Water elevation = 220.01 ft (67.06 m) msl
pH = 7.3 Alkalinity = 51 mg/L
Specific Conductance = 720 umhos/cm
Water Temperature = 17.6 degrees Celsius
Water evacuated from the well prior to sampling = 23 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		652.0	UMHC	Env. Eng
1	PH		6.82	pH	Env. Eng
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		12	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		21000	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		5080	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		10	ug/l	Env. Eng
1	CYANIDE		5	ug/l	Env. Eng
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		340	ug/l	Env. Eng.
0	IRON		27	ug/l	Env. Eng
0	MERCURY		0.35	ug/l	Env. Eng.
1	POTASSIUM		7710	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
1	MAGNESIUM		7500	ug/l	Env. Eng.
2	MANGANESE		58	ug/l	Env. Eng.
1	SODIUM		88600	ug/l	Env. Eng.
0	NICKEL		5	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		70300	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		7850	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		504000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		514000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1900	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		50	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng
0	ZINC		9	ug/l	Env. Eng
1	GROSS ALPHA		7.44+-7.42	pCi/l	HP, 735A
1	GROSS ALPHA		6.01+-4.12	pCi/l	Rad. Meas
2	NONVOLATILE BETA		204+-24.8	pCi/l	HP, 735A
2	NONVOLATILE BETA		241+-8.79	pCi/l	Rad. Meas
2	TOTAL RADIUM		5.94+-1.26	pCi/l	Rad. Meas
2	TRITIUM		10900+- 220	pCi/ml	HP, 735A
2	TRITIUM		10881+-62.6	pCi/ml	Rad. Meas.

WELL HSB 83A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/08/89 Time 1355
Depth to water = 66.33 ft (20.22 m) below the TOC
Water elevation = 170.97 ft (52.11 m) msl
pH = 7.1 Alkalinity = 83 mg/L
Specific Conductance = 187 umhos/cm
Water Temperature = 19.2 degrees Celsius
Water evacuated from the well prior to sampling = 292 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		175.0	UMHC	Env. Eng
1	PH		6.63	pH	Env. Eng
0	SILVER	LT	2	ug/l	Env. Eng
0	ALUMINUM		17	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng
0	BARIUM		27	ug/l	Env. Eng
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng

CONTINUED

WELL HSB 83A COLLECTED ON 02/08/89 LABORATORY ANALYSES CONTINUED

1	CALCIUM		27800	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3400	ug/l	Env. Eng.
0	CHLORIDE		2700	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		10	ug/l	Env. Eng.
0	COPPER		13	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		140	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1120	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		673	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		1830	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		63	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		25800	ug/l	Env. Eng.
0	SULFATE		5500	ug/l	Env. Eng.
0	SULFATE		5500	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		126000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		98	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		8	ug/l	Env. Eng.
0	ZINC		10	ug/l	Env. Eng.
0	NONVOLATILE BETA		3.10+-0.95	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		0.49+-0.22	pCi/ml	Rad. Meas.

WELL HSB 83B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/08/89 Time 1340
Depth to water = 15.51 ft (4.73 m) below the TOC
Water elevation = 221.49 ft (67.51 m) msl
pH = 7.0 Alkalinity = 50 mg/L
Specific Conductance = 118 umhos/cm
Water Temperature = 18.9 degrees Celsius
Water evacuated from the well prior to sampling = 261 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		118.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		117.0	UMHC	Env. Eng.
0	PH		6.36	pH	Env. Eng.
0	PH		6.41	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM		44	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		32	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		17200	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2700	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		7	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.

CONTINUED

WELL HSB 83B COLLECTED ON 02/08/89 LABORATORY ANALYSES CONTINUED

0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		250	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1150	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		501	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		3700	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		101	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		97	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		25700	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		86000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
1	TOTAL PHOSPHATES		583	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		12	ug/l	Env. Eng.
0	GROSS ALPHA		1.00+-0.61	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.27+-1.01	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
1	TRITIUM		12.32+-0.38	pCi/ml	Rad. Meas.

WELL HSB 83C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/12/89 Time 1315
Depth to water = 13.15 ft (4.01 m) below the TOC
Water elevation = 223.95 ft (68.26 m) msl
pH = 5.5 Alkalinity = 4 mg/L
Specific Conductance = 22 umhos/cm
Water Temperature = 19.0 degrees Celsius
Water evacuated from the well prior to sampling = 166 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		20.00	UMHC	Env. Lab.
0	SPECIFIC CONDUCTANCE		20.50	UMHC	W. A.
0	SPECIFIC CONDUCTANCE		22.40	UMHC	Env. Eng.
0	PH		5.40	pH	Env. Lab.
0	PH		5.40	pH	W. A.
0	PH		5.03	pH	Env. Eng.
0	SILVER	LT	10	ug/l	Env. Lab.
0	SILVER	LT	10	ug/l	W. A.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	400	ug/l	Env. Lab.
1	ALUMINUM		342	ug/l	W. A.
0	ALUMINUM		36	ug/l	Env. Eng.
0	ALUMINUM		29	ug/l	Env. Eng.
1	ALKALINITY		5300	ug/l	Env. Lab.
0	ARSENIC	LT	5	ug/l	Env. Lab.
0	ARSENIC	LT	10	ug/l	W. A.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	100	ug/l	Env. Lab.
0	BARIUM	LT	200	ug/l	W. A.
0	BARIUM		4	ug/l	Env. Eng.
0	BARIUM	LT	4	ug/l	Env. Eng.
0	BERYLLIUM	LT	5	ug/l	W. A.
0	BROMODICHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	BROMODICHLOROMETHANE	LT	5	ug/l	W. A.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		1200	ug/l	Env. Lab.
0	CALCIUM	LT	5000	ug/l	W. A.
0	CALCIUM		2200	ug/l	Env. Eng.
0	CALCIUM		2020	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	1	ug/l	Env. Lab.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	W. A.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Lab.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	W. A.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	10	ug/l	Env. Lab.
0	CADMIUM	LT	5	ug/l	W. A.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	1	ug/l	Env. Lab.
0	BROMOFORM	LT	5	ug/l	W. A.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Lab.
0	CHLOROFORM	LT	5	ug/l	W. A.

CONTINUED

WELL HSB 83C COLLECTED ON 03/12/89 LABORATORY ANALYSES CONTINUED

0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	1	ug/l	Env. Lab.
0	METHYLENE CHLORIDE	LT	5	ug/l	W. A.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	1	ug/l	Env. Lab.
0	BROMOMETHANE	LT	10	ug/l	W. A.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	CHLOROMETHANE	LT	10	ug/l	W. A.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3000	ug/l	Env. Lab.
0	CHLORIDE	LT	5000	ug/l	W. A.
0	CHLORIDE		2900	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	CHLOROBENZENE	LT	5	ug/l	W. A.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	50	ug/l	Env. Lab.
0	COBALT	LT	50	ug/l	W. A.
0	COBALT	LT	4	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	50	ug/l	Env. Lab.
1	CHROMIUM		19	ug/l	W. A.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	20	ug/l	Env. Lab.
1	COPPER		47	ug/l	W. A.
0	COPPER		5	ug/l	Env. Eng.
0	COPPER		5	ug/l	Env. Eng.
0	CYANIDE	LT	20	ug/l	Env. Lab.
0	CYANIDE	LT	10	ug/l	W. A.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	1	ug/l	Env. Lab.
0	CHLOROETHENE	LT	10	ug/l	W. A.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	1	ug/l	Env. Lab.
0	CHLOROETHANE	LT	10	ug/l	W. A.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	1	ug/l	Env. Lab.
0	BENZENE	LT	5	ug/l	W. A.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	W. A.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.05	ug/l	Env. Lab.
0	ENDRIN	LT	0.10	ug/l	W. A.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	1	ug/l	Env. Lab.
0	ETHYLBENZENE	LT	5	ug/l	W. A.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Lab.
0	FLUORIDE	LT	100	ug/l	W. A.
0	FLUORIDE		110	ug/l	Env. Eng.
0	FLUORIDE		110	ug/l	Env. Eng.
0	IRON		50	ug/l	Env. Lab.
0	IRON	LT	100	ug/l	W. A.
0	IRON		21	ug/l	Env. Eng.
0	IRON		21	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Lab.
0	MERCURY	LT	0.20	ug/l	W. A.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	1000	ug/l	Env. Lab.
1	POTASSIUM		8330	ug/l	W. A.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	POTASSIUM		514	ug/l	Env. Eng.
0	LITHIUM	LT	50	ug/l	W. A.
0	LINDANE	LT	0.05	ug/l	W. A.
0	TOLUENE	LT	1	ug/l	Env. Lab.
0	TOLUENE	LT	5	ug/l	W. A.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	W. A.
0	MAGNESIUM		450	ug/l	Env. Lab.
0	MAGNESIUM	LT	5000	ug/l	W. A.
0	MAGNESIUM		477	ug/l	Env. Eng.
0	MAGNESIUM		444	ug/l	Env. Eng.
0	MANGANESE	LT	20	ug/l	Env. Lab.
0	MANGANESE	LT	15	ug/l	W. A.
0	MANGANESE		8	ug/l	Env. Eng.
0	MANGANESE		8	ug/l	Env. Eng.
0	SODIUM		1800	ug/l	Env. Lab.
0	SODIUM	LT	5000	ug/l	W. A.
0	SODIUM		1980	ug/l	Env. Eng.
0	SODIUM		1640	ug/l	Env. Eng.
0	NICKEL	LT	50	ug/l	Env. Lab.
0	NICKEL	LT	40	ug/l	W. A.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		100	ug/l	Env. Lab.
0	NITRATE AS NITROGEN		110	ug/l	W. A.
0	NITRATE AS NITROGEN		113	ug/l	Env. Eng.
0	LEAD	LT	100	ug/l	Env. Lab.
0	LEAD		5	ug/l	W. A.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Lab.
0	PHENOLS	LT	5	ug/l	W. A.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	200	ug/l	Env. Lab.
0	ANTIMONY	LT	60	ug/l	W. A.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	10	ug/l	Env. Lab.
0	SELENIUM	LT	5	ug/l	W. A.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		13190	ug/l	Env. Lab.
1	SILICA		5880	ug/l	W. A.
1	SILICA		13400	ug/l	Env. Eng.
0	TIN	LT	100	ug/l	W. A.
0	SULFATE		8000	ug/l	Env. Lab.
0	SULFATE	LT	5000	ug/l	W. A.

CONTINUED

WELL HSB 83C COLLECTED ON 03/12/89 LABORATORY ANALYSES CONTINUED

0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,2,2-TETRACHLOROETHANE	LT	5	ug/l	W. A.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Lab.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	W. A.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		34000	ug/l	Env. Lab.
0	TOTAL DISSOLVED SOLIDS		29000	ug/l	W. A.
0	TOTAL DISSOLVED SOLIDS		29000	ug/l	W. A.
0	TOTAL DISSOLVED SOLIDS		26000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		20000	ug/l	Env. Eng.
0	THALLIUM	LT	10	ug/l	W. A.
0	TOTAL ORGANIC CARBON	LT	5000	ug/l	Env. Lab.
0	TOTAL ORGANIC CARBON		2000	ug/l	W. A.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	10	ug/l	Env. Lab.
0	TOTAL ORGANIC HALOGENS	LT	20	ug/l	W. A.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		70	ug/l	Env. Lab.
0	TOTAL PHOSPHATES		75	ug/l	W. A.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Lab.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	W. A.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	W. A.
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	Env. Lab.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	W. A.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	URANIUM	LT	1000	ug/l	W. A.
0	VANADIUM	LT	1000	ug/l	Env. Lab.
0	VANADIUM	LT	50	ug/l	W. A.
1	VANADIUM		2	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	XYLENES	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	W. A.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHANE	LT	5	ug/l	W. A.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	W. A.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	W. A.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROETHANE	LT	5	ug/l	W. A.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROPROPANE	LT	5	ug/l	W. A.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	1,3-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	CIS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	W. A.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	W. A.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	1,4-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	2-CHLOROETHYLVINYL ETHER	LT	1	ug/l	Env. Lab.
0	2-CHLOROETHYLVINYL ETHER	LT	5	ug/l	W. A.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		20	ug/l	Env. Lab.
0	ZINC		26	ug/l	W. A.
0	ZINC		33	ug/l	Env. Eng.
0	ZINC		29	ug/l	Env. Eng.
0	GROSS ALPHA	LT	0.71	pCi/l	Env. Lab.
0	GROSS ALPHA		0.00+-5.00	pCi/l	W. A.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Mon.
0	NONVOLATILE BETA	LT	0.98	pCi/l	Env. Lab.
0	NONVOLATILE BETA		6.00+-3.00	pCi/l	W. A.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Mon.
0	TOTAL RADIUM	LT	0.41	pCi/l	Env. Lab.
0	TOTAL RADIUM		0.00+-0.20	pCi/l	W. A.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Mon.
0	TRITIUM		2.18+-0.54	pCi/ml	Env. Lab.
0	TRITIUM		1.90+-0.60	pCi/ml	W. A.
0	TRITIUM		1.43+-0.22	pCi/ml	Rad. Mon.

WELL HSB 83C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/12/89 Time 1315
Depth to water = 13.15 ft (4.01 m) below the TOC
Water elevation = 223.95 ft (68.26 m) msl
pH = 5.5 Alkalinity = 4 mg/L
Specific Conductance = 22 mmhos/cm
Water Temperature = 19.0 degrees Celsius
Water evacuated from the well prior to sampling = 166 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		24.90	umho	Env. Eng.
0	PH		5.08	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	4	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		1190	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.

CONTINUED

WELL HSB 83C COLLECTED ON 03/12/89 LABORATORY ANALYSES CONTINUED

0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2900	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		5	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		418	ug/l	Env. Eng.
0	MANGANESE		7	ug/l	Env. Eng.
0	SODIUM		1660	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		100	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		12900	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		24000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		90	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
1	VANADIUM		2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		16	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.36+-0.83	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		1.47+-0.22	pCi/ml	Rad. Meas.

WELL HSB 83D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/08/89 Time 1415
Depth to water = 12.24 ft (3.73 m) below the TOC
Water elevation = 224.76 ft (68.51 m) msl
pH = 5.2 Alkalinity = 2 mg/L
Specific Conductance = 142 umhos/cm
Water Temperature = 18.1 degrees Celsius
Water evacuated from the well prior to sampling = 69 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		128.0	UMHC	Env. Eng.
0	PH		4.76	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM		26	ug/l	Env. Eng.
0	ALUMINUM		22	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		19	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		1580	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2370	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		7	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		130	ug/l	Env. Eng.
0	IRON		67	ug/l	Env. Eng.
1	MERCURY		0.80	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.

CONTINUED

WELL HSB 83D COLLECTED ON 02/08/89 LABORATORY ANALYSES CONTINUED

0	MAGNESIUM		1070	ug/l	Env. Eng.
1	MANGANESE		36	ug/l	Env. Eng.
1	SODIUM		52800	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		11400	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		6990	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		104000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		112000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		20	ug/l	Env. Eng.
0	ZINC		20	ug/l	Env. Eng.
0	GROSS ALPHA		3.22+-1.71	pCi/l	HP, 735A
0	GROSS ALPHA		2.85+-1.10	pCi/l	Rad. Meas.
0	GROSS ALPHA		1.84+-0.99	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		15.20+-2.62	pCi/l	HP, 735A
1	NONVOLATILE BETA		20.80+-1.81	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		20.50+-1.74	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
2	TRITIUM		3630+-12.7	pCi/ml	HP, 735A
2	TRITIUM		3867+-70.1	pCi/ml	Rad. Meas.
2	TRITIUM		3877+- 68	pCi/ml	Rad. Meas.

WELL HSB 84A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/07/89 Time 1620
Depth to water = 58.65 ft (17.88 m) below the TOC
Water elevation = 170.05 ft (51.83 m) msl
pH = 4.2 Alkalinity = 0 mg/L
Specific Conductance = 290 umhos/cm
Water Temperature = 18.8 degrees Celsius
Water evacuated from the well prior to sampling = 275 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		257.0	UMHC	Env. Eng.
1	PH		3.75	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
2	ALUMINUM		2370	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		54	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		4780	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2920	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
J	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		9	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
1	FLUORIDE		520	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1990	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		804	ug/l	Env. Eng.
2	MANGANESE		285	ug/l	Env. Eng.
1	SODIUM		27100	ug/l	Env. Eng.
1	NICKEL		11	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		29700	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		17800	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.

CONTINUED

WELL HSB 84A COLLECTED ON 02/07/89 LABORATORY ANALYSES CONTINUED

0	TOTAL DISSOLVED SOLIDS		186000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1100	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		32	ug/l	Env. Eng.
2	GROSS ALPHA		66.30+-11.9	pCi/l	HP, 735A
2	GROSS ALPHA		20.80+-3.17	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		4190+- 328	pCi/l	HP, 735A
2	NONVOLATILE BETA		4372+- 27	pCi/l	Rad. Meas.
2	TOTAL RADIUM		18.50+-1.90	pCi/l	Rad. Meas.
2	TRITIUM		17900+-90.6	pCi/ml	HP, 735A
2	TRITIUM		18900+- 154	pCi/ml	Rad. Meas.

WELL HSB 84B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/07/89 Time 1750
Depth to water = 18.80 ft (5.73 m) below the TOC
Water elevation = 210.10 ft (64.04 m) msl
pH = 8.8 Alkalinity = 83 mg/L
Specific Conductance = 189 umhos/cm
Water Temperature = 19.4 degrees Celsius
Water evacuated from the well prior to sampling = 230 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		196.0	UMHC	Env. Eng.
2	PH		8.52	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM		42	ug/l	Env. Eng.
0	ALUMINUM		28	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		51	ug/l	Env. Eng.
0	BARIUM		50	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		37500	ug/l	Env. Eng.
1	CALCIUM		36500	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2720	ug/l	Env. Eng.
0	CHLORIDE		2680	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		13	ug/l	Env. Eng.
0	COPPER		13	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		190	ug/l	Env. Eng.
0	IRON		41	ug/l	Env. Eng.
0	MERCURY		0.22	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		3780	ug/l	Env. Eng.
0	POTASSIUM		3610	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		451	ug/l	Env. Eng.
0	MAGNESIUM		444	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		4550	ug/l	Env. Eng.
0	SODIUM		4340	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		604	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		47200	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		138000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		140000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		9	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		149	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.

CONTINUED

WELL HSB 84B COLLECTED ON 02/07/89 LABORATORY ANALYSES CONTINUED

0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC	LT	2	ug/l	Env. Eng.
0	GROSS ALPHA		0.74+-1.47	pCi/l	HP, 735A
0	GROSS ALPHA		0.70+-0.65	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		5.38+-1.37	pCi/l	HP, 735A
0	NONVOLATILE BETA		4.12+-1.17	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
2	TRITIUM		325+-3.88	pCi/ml	HP, 735A
2	TRITIUM		387+-3.25	pCi/ml	Rad. Meas.

WELL HSB 84C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/05/89 Time 1205
Depth to water = 15.54 ft (4.74 m) below the TOC
Water elevation = 213.56 ft (65.09 m) msl
pH = 9.5 Alkalinity = 35 mg/L
Specific Conductance = 102 umhos/cm
Water Temperature = 18.8 degrees Celsius
Water evacuated from the well prior to sampling = 12 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		97.50	UMHC	Env. Eng.
2	PH		9.00	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
1	ALUMINUM		162	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		23	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		10800	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		4200	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		9	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		170	ug/l	Env. Eng.
0	IRON		25	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		2770	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		617	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		4360	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1280	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		9820	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		56000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		60	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		8	ug/l	Env. Eng.
0	GROSS ALPHA		0.14+-0.66	pCi/l	HP, 735A
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		7.13+-1.43	pCi/l	HP, 735A
0	NONVOLATILE BETA		8.25+-1.28	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
2	TRITIUM		253+-3.42	pCi/ml	HP, 735A
2	TRITIUM		275+-2.90	pCi/ml	Rad. Meas.

WELL HSB 84D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/07/89 Time 1645
Depth to water = 9.87 ft (3.01 m) below the TOC
Water elevation = 218.93 ft (66.73 m) msl
pH = 4.3 Alkalinity = 0 mg/L
Specific Conductance = 128 umhos/cm
Water Temperature = 19.1 degrees Celsius
Water evacuated from the well prior to sampling = 53 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		113.0	UMHC	Env. Eng.
1	PH		3.[illegible]	pH	Env. Eng.
0	SILVER	LT	[illegible]	ug/l	Env. Eng.
2	ALUMINUM		[illegible]	ug/l	Env. Eng.
0	ARSENIC	LT	[illegible]	ug/l	Env. Eng.
0	BARIUM		[illegible]	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	[illegible]	ug/l	Env. Eng.
0	CALCIUM		1750	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3130	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
1	COPPER		25	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		180	ug/l	Env. Eng.
0	IRON		22	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		830	ug/l	Env. Eng.
2	MANGANESE		63	ug/l	Env. Eng.
1	SODIUM		14800	ug/l	Env. Eng.
0	NICKEL		8	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		11700	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		9000	ug/l	Env. Eng.
1	SILICA		8920	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		100000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		51	ug/l	Env. Eng.
1	GROSS ALPHA		5.21+-1.35	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		224+-5.23	pCi/l	Rad. Meas.
1	TOTAL RADIUM		4.59+-1.01	pCi/l	Rad. Meas.
2	TRITIUM		3434+-67.5	pCi/ml	Rad. Meas.

WELL HSB 85A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/18/89 Time 1555
Depth to water = 127.02 ft (38.72 m) below the TOC
Water elevation = 167.38 ft (51.02 m) msl
pH = 7.0 Alkalinity = 78 mg/L
Specific Conductance = 181 umhos/cm
Water Temperature = 19.6 degrees Celsius
Water evacuated from the well prior to sampling = 276 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		189.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		194.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		195.0	UMHC	Env. Eng.
0	PH		6.48	pH	Env. Eng.
1	PH		6.56	pH	Env. Eng.
1	PH		6.60	pH	Env. Eng.
0	TURBIDITY		0.05	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		35	ug/l	Env. Eng.

CONTINUED

WELL HSB 85A COLLECTED ON 01/18/89 LABORATORY ANALYSES CONTINUED

0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		34100	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2900	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		749	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		2570	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		26300	ug/l	Env. Eng.
1	SILICA		26800	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE		7200	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		156000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		180	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA		1.03+-0.95	pCi/l	Rad. Meas.
0	GROSS ALPHA		1.72+-1.17	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM	LT	0.70	pCi/ml	Rad. Meas.
0	TRITIUM	LT	0.70	pCi/ml	Rad. Meas.

WELL HSB 85B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/12/89 Time 1145
Depth to water = 63.19 ft (19.26 m) below the TOC
Water elevation = 231.31 ft (70.50 m) msl
pH = 10.1 Alkalinity = 75 mg/L
Specific Conductance = 187 umhos/cm
Water Temperature = 19.3 degrees Celsius
Water evacuated from the well prior to sampling = 50 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		157.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		157.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		157.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		141.0	UMHC	Env. Eng.
2	PH		8.76	pH	Env. Eng.
2	PH		8.70	pH	Env. Eng.
2	PH		8.70	pH	Env. Eng.
2	PH		8.65	pH	Env. Eng.
0	TURBIDITY		0.30	NTU	Env. Eng.
0	TURBIDITY		0.27	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		37	ug/l	Env. Eng.
0	BARIUM		36	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		27200	ug/l	Env. Eng.
1	CALCIUM		28000	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.

CONTINUED

WELL HSB 85B COLLECTED ON 02/12/89 LABORATORY ANALYSES CONTINUED

0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2200	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
1	CHROMIUM		6	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		190	ug/l	Env. Eng.
0	FLUORIDE		210	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1760	ug/l	Env. Eng.
0	POTASSIUM		1910	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		1030	ug/l	Env. Eng.
0	MAGNESIUM		1000	ug/l	Env. Eng.
0	MANGANESE		5	ug/l	Env. Eng.
0	MANGANESE		5	ug/l	Env. Eng.
1	SODIUM		6800	ug/l	Env. Eng.
1	SODIUM		6850	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		183	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		19900	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		96000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1100	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1300	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1400	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1200	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		96	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA		1.29+-1.18	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.00+-1.00	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		0.22+-0.22	pCi/ml	Rad. Meas.

WELL HSB 85C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/18/89 Time 1525
Depth to water = 57.19 ft (17.43 m) below the TOC
Water elevation = 236.91 ft (72.21 m) msl
pH = 4.8 Alkalinity = 0 mg/L
Specific Conductance = 28 umhos/cm
Water Temperature = 19.7 degrees Celsius
Water evacuated from the well prior to sampling = 59 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		30.70	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		30.10	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		29.70	UMHC	Env. Eng.
0	PH		4.59	pH	Env. Eng.
0	PH		4.51	pH	Env. Eng.
0	PH		4.42	pH	Env. Eng.
0	TURBIDITY		0.03	NTU	Env. Eng.
1	SILVER		5	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		5	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		420	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2400	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		100	ug/l	Env. Eng.
0	MANGANESE		3	ug/l	Env. Eng.
0	SODIUM		3440	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1610	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		6380	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		62000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA		1.15+-0.59	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.03+-0.86	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.19+-0.64	pCi/l	Rad. Meas.
0	TRITIUM		2.12+-0.26	pCi/ml	Rad. Meas.

WELL HSB 86A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/12/89 Time 1540
Depth to water = 95.66 ft (29.16 m) below the TOC
Water elevation = 166.74 ft (50.82 m) msl
pH = 6.7 Alkalinity = 44 mg/L
Specific Conductance = 128 umhos/cm
Water Temperature = 19.7 degrees Celsius
Water evacuated from the well prior to sampling = 289 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		124.0	UMHC	Env. Eng.
1	PH		8.54	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		25	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		17500	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2900	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		9	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		200	ug/l	Env. Eng.
0	FLUORIDE		200	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1030	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		744	ug/l	Env. Eng.
0	MANGANESE		4	ug/l	Env. Eng.
0	SODIUM		1860	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		60	ug/l	Env. Eng.
0	LEAD		6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		27600	ug/l	Env. Eng.
1	SULFATE		11600	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		90000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
1	TOTAL PHOSPHATES		321	ug/l	Env. Eng.
1	TOTAL PHOSPHATES		307	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		16	ug/l	Env. Eng.
0	GROSS ALPHA		0.69+-0.63	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.73+-0.93	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		4.75+-0.29	pCi/ml	Rad. Meas.

WELL HSB 86B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/12/89 Time 1620
Depth to water = 41.04 ft (12.51 m) below the TOC
Water elevation = 220.86 ft (67.32 m) msl
pH = 7.2 Alkalinity = 106 mg/L
Specific Conductance = 225 umhos/cm
Water Temperature = 20.2 degrees Celsius
Water evacuated from the well prior to sampling = 278 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		200.0	UMHC	Env. Eng.
1	PH		7.09	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		41	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		29800	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.

CONTINUED

WELL HSB 86B COLLECTED ON 02/12/89 LABORATORY ANALYSES CONTINUED

0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		10	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		140	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		637	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		914	ug/l	Env. Eng.
0	MANGANESE		20	ug/l	Env. Eng.
0	SODIUM		2390	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		76	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		34800	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		140000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		2000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		74	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		7	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		2.22+-0.25	pCi/ml	Rad. Meas.

WELL HSB 86C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/12/89 Time 1605
Depth to water = 39.18 ft (11.94 m) below the TOC
Water elevation = 223.72 ft (68.19 m) msl
pH = 4.6 Alkalinity = 0 mg/L
Specific Conductance = 400 umhos/cm
Water Temperature = 20.4 degrees Celsius
Water evacuated from the well prior to sampling = 96 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		382.0	UMHC	Env. Eng.
0	PH		4.37	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
1	ALUMINUM		152	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		32	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		3450	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
1	CADMIUM		4	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2300	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
1	COBALT		33	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		10	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		170	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
1	MERCURY		0.48	ug/l	Env. Eng.
0	POTASSIUM		4180	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.

CONTINUED

WELL HSB 86C COLLECTED ON 02/12/89 LABORATORY ANALYSES CONTINUED

0	MAGNESIUM		2030	ug/l	Env. Eng.
2	MANGANESE		2470	ug/l	Env. Eng.
1	SODIUM		46200	ug/l	Env. Eng.
1	NICKEL		55	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		43600	ug/l	Env. Eng.
0	LEAD		8	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		9140	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		238000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1300	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		27	ug/l	Env. Eng.
2	GROSS ALPHA		15.20+-6.87	pCi/l	HP, 735A
2	GROSS ALPHA		16.10+-3.69	pCi/l	Rad. Meas
2	NONVOLATILE BETA		89.30+-11.4	pCi/l	HP, 735A
2	NONVOLATILE BETA		92.10+-5.31	pCi/l	Rad. Meas.
2	TOTAL RADIUM		6.84+-1.21	pCi/l	Rad. Meas.
2	TRITIUM		18300+- 367	pCi/ml	HP, 735A
2	TRITIUM		18695+- 146	pCi/ml	Rad. Meas.

WELL HSB 86D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/12/89 Time 1640
Depth to water = 39.17 ft (11.94 m) below the TOC
Water elevation = 223.83 ft (68.22 m) msl
pH = 3.7 Alkalinity = 0 mg/L
Specific Conductance = 450 umhos/cm
Water Temperature = 20.5 degrees Celsius
Water evacuated from the well prior to sampling = 49 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		389.0	UMHC	Env. Eng.
1	PH		3.44	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
2	ALUMINUM		7920	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		67	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		4960	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2020	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
1	COBALT		7	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
1	COPPER		21	ug/l	Env. Eng.
1	CYANIDE		7	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
1	FLUORIDE		1300	ug/l	Env. Eng.
0	IRON		29	ug/l	Env. Eng.
0	MERCURY		0.29	ug/l	Env. Eng.
0	POTASSIUM		2380	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		1120	ug/l	Env. Eng.
2	MANGANESE		428	ug/l	Env. Eng.
1	SODIUM		31600	ug/l	Env. Eng.
1	NICKEL		20	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		43100	ug/l	Env. Eng.
0	LEAD		8	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		27700	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		220000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1200	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.

CONTINUED

WELL HSB 86D COLLECTED ON 02/12/89 LABORATORY ANALYSES CONTINUED

0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		104	ug/l	Env. Eng.
2	GROSS ALPHA		85.20+-18.8	pCi/l	HP, 735A
2	GROSS ALPHA		42.50+-5.65	pCi/l	Rad. Meas
2	NONVOLATILE BETA		3910+- 295	pCi/l	HP, 735A
2	NONVOLATILE BETA		3523+-31.2	pCi/l	Rad. Meas
2	TOTAL RADIUM		33.30+-2.63	pCi/l	Rad. Meas
2	TRITIUM		24900+- 499	pCi/ml	HP, 735A
2	TRITIUM		25739+- 175	pCi/ml	Rad. Meas

WELL HSB100C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/19/89 Time 1310
Depth to water = 35.04 ft (10.68 m) below the TOC
Water elevation = 225.16 ft (68.63 m) msl
pH = 5.7 Alkalinity = 8 mg/L
Specific Conductance = 35 umhos/cm
Water Temperature = 19.8 degrees Celsius
Water evacuated from the well prior to sampling = 204 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		46.10	UMHC	Env. Eng.
0	PH		4.20	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM		25	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	4	ug/l	Env. Eng.
0	BARIUM	LT	4	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10	ug/l	Env. Eng.
0	CALCIUM		3040	ug/l	Env. Eng.
0	CALCIUM		3120	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2800	ug/l	Env. Eng.
0	CHLORIDE		2800	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		120	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		745	ug/l	Env. Eng.
0	POTASSIUM		772	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		394	ug/l	Env. Eng.
0	MAGNESIUM		405	ug/l	Env. Eng.
0	MANGANESE		4	ug/l	Env. Eng.
0	MANGANESE		4	ug/l	Env. Eng.
0	SODIUM		2090	ug/l	Env. Eng.
0	SODIUM		2150	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		200	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		12800	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		12000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
1	TOTAL PHOSPHATES		620	ug/l	Env. Eng.
1	TOTAL PHOSPHATES		630	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.

CONTINUED

WELL HSB100C COLLECTED ON 01/19/89 LABORATORY ANALYSES CONTINUED

0	TRANS-1,2-DICHLOROETHENE	LT	[illegible]	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		13	ug/l	Env. Eng.
0	ZINC		9	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		3.11+-0.26	pCi/ml	Rad. Meas.

WELL HSB100D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/19/89 Time 1325
Depth to water = 28.06 ft (8.55 m) below the TOC
Water elevation = 232.04 ft (70.73 m) msl
pH = 5.5 Alkalinity = 4 mg/L
Specific Conductance = 54 umhos/cm
Water Temperature = 20.9 degrees Celsius
Water evacuated from the well prior to sampling = 59 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		58.90	UMHC	Env. Eng.
0	PH		5.35	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		16	ug/l	Env. Eng.
0	BARIUM		15	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		3450	ug/l	Env. Eng.
0	CALCIUM		3270	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3900	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CARBON DISULFIDE	LT	5	ug/l	Env. Eng.
0	COPPER		6	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		441	ug/l	Env. Eng.
0	MAGNESIUM		446	ug/l	Env. Eng.
1	MANGANESE		36	ug/l	Env. Eng.
1	MANGANESE		36	ug/l	Env. Eng.
1	SODIUM		5620	ug/l	Env. Eng.
1	SODIUM		5800	ug/l	Env. Eng.
1	NICKEL		13	ug/l	Env. Eng.
1	NICKEL		12	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		2900	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		7040	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		22000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.

CONTINUED

WELL HSB100D COLLECTED ON 01/19/89 LABORATORY ANALYSES CONTINUED

0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		131	ug/l	Env. Eng.
0	GROSS ALPHA		1.35+-0.58	pCi/l	HP, 735A
0	GROSS ALPHA		1.51+-0.72	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		5.43+-1.05	pCi/l	HP, 735A
0	NONVOLATILE BETA		5.54+-1.09	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.87+-0.48	pCi/l	Rad. Meas.
2	TRITIUM		729+-3.90	pCi/ml	HP, 735A
2	TRITIUM		658+-4.20	pCi/ml	Rad. Meas.

WELL HSB101C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/04/89 Time 1150
Depth to water = 34.46 ft (10.50 m) below the TOC
Water elevation = 224.04 ft (68.29 m) msl
pH = 7.2 Alkalinity = 33 mg/L
Specific Conductance = 99 umhos/cm
Water Temperature = 19.8 degrees Celsius
Water evacuated from the well prior to sampling = 207 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		130.0	UMHC	Env. Eng.
1	PH		6.80	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		13	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10	ug/l	Env. Eng.
1	CALCIUM		10200	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2900	ug/l	Env. Eng.
0	CHLORIDE		2900	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		6	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		220	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		4330	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		312	ug/l	Env. Eng.
0	MANGANESE		19	ug/l	Env. Eng.
1	SODIUM		5800	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1340	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		12200	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		62000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
1	TOTAL PHOSPHATES		392	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		42	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		5.00+-1.13	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.59+-0.38	pCi/l	Rad. Meas.
2	TRITIUM		65.43+-1.38	pCi/ml	Rad. Meas.

WELL HSB101D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/04/89 Time 1220
Depth to water = 29.03 ft (8.85 m) below the TOC
Water elevation = 229.67 ft (70.00 m) msl
pH = 7.8 Alkalinity = 103 mg/L
Specific Conductance = 1140 umhos/cm
Water Temperature = 21.3 degrees Celsius
Water evacuated from the well prior to sampling = 58 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		1030	UMHC	Env. Eng.
1	PH		7.54	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
2	ALUMINUM		440	ug/l	Env. Eng.
1	ARSENIC		25	ug/l	Env. Eng.
0	BARIUM	LT	4	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10	ug/l	Env. Eng.
0	CALCIUM		128	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		1400	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng.
1	CYANIDE		22	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	1.00	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
1	FLUORIDE		610	ug/l	Env. Eng.
1	FLUORIDE		680	ug/l	Env. Eng.
0	IRON		78	ug/l	Env. Eng.
2	MERCURY		17.2	ug/l	Env. Eng.
0	POTASSIUM		788	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		138	ug/l	Env. Eng.
0	MANGANESE		10	ug/l	Env. Eng.
1	SODIUM		229000	ug/l	Env. Eng.
0	NICKEL		6	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		94600	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		4610	ug/l	Env. Eng.
0	SULFATE		7500	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		8.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		790000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		2700	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
1	TOTAL PHOSPHATES		1130	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		10.0	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
1	VANADIUM		95	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		31	ug/l	Env. Eng.
1	GROSS ALPHA		10.00+-8.78	pCi/l	HP, 735A
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		34.70+-16.8	pCi/l	HP, 735A
2	NONVOLATILE BETA		115+-11.7	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		121+-11.6	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
2	TRITIUM		24300+- 107	pCi/ml	HP, 735A
2	TRITIUM		26839+- 187	pCi/ml	Rad. Meas.
2	TRITIUM		26532+- 182	pCi/ml	Rad. Meas.

WELL HSB102C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/01/89 Time 1030
Depth to water = 35.88 ft (10.94 m) below the TOC
Water elevation = 223.12 ft (68.01 m) msl
pH = 5.9 Alkalinity = 9 mg/L
Specific Conductance = 177 umhos/cm
Water Temperature = 18.9 degrees Celsius
Water evacuated from the well prior to sampling = 245 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		170.0	UMHC	Env. Eng.
0	PH		5.93	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		24	ug/l	Env. Eng.
0	BARIUM		23	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		4580	ug/l	Env. Eng.
0	CALCIUM		4340	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		4700	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		7	ug/l	Env. Eng.
0	COPPER		7	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		130	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		3920	ug/l	Env. Eng.
0	POTASSIUM		3920	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		1630	ug/l	Env. Eng.
0	MAGNESIUM		1530	ug/l	Env. Eng.
2	MANGANESE		111	ug/l	Env. Eng.
2	MANGANESE		104	ug/l	Env. Eng.
1	SODIUM		21600	ug/l	Env. Eng.
1	SODIUM		21700	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		12500	ug/l	Env. Eng.
0	LEAD		10	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		9850	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		126	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		112000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		120000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		12	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		76	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		76	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		110	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		17	ug/l	Env. Eng.
0	ZINC		18	ug/l	Env. Eng.
0	GROSS ALPHA		0.58+-1.15	pCi/l	HP, 735A
0	GROSS ALPHA		2.38+-1.44	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		6.44+-1.53	pCi/l	HP, 735A
0	NONVOLATILE BETA		7.85+-1.26	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.44+-0.41	pCi/l	Rad. Meas.
2	TRITIUM		242+-4.96	pCi/ml	HP, 735A
2	TRITIUM		219+-2.64	pCi/ml	Rad. Meas.

WELL HSB102D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/01/89 Time 1055
Depth to water = 31.14 ft (9.49 m) below the TOC
Water elevation = 227.48 ft (69.33 m) msl
pH = 3.9 Alkalinity = 0 mg/L
Specific Conductance = 937 umhos/cm
Water Temperature = 18.5 degrees Celsius
Water evacuated from the well prior to sampling = 10 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		818.0	UMHC	Env. Eng.
1	PH		3.81	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
2	ALUMINUM		9830	ug/l	Env. Eng.
1	ARSENIC		20	ug/l	Env. Eng.
1	BARIUM		178	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		18900	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
1	CADMIUM		3	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3400	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
1	COPPER		64	ug/l	Env. Eng.
1	CYANIDE		25	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	3	ug/l	Env. Eng.
1	FLUORIDE		900	ug/l	Env. Eng.
2	IRON		2070	ug/l	Env. Eng.
2	MERCURY		1.82	ug/l	Env. Eng.
2	MERCURY		1.88	ug/l	Env. Eng.
0	POTASSIUM		4200	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		3500	ug/l	Env. Eng.
2	MANGANESE		3620	ug/l	Env. Eng.
1	SODIUM		78000	ug/l	Env. Eng.
1	NICKEL		54	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		91000	ug/l	Env. Eng.
2	LEAD		100	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		16600	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		500000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		2200	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		115	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1 3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
1	ZINC		289	ug/l	Env. Eng.
2	GROSS ALPHA		169+-25.9	pCi/l	HP, 735A
2	GROSS ALPHA		237+- 20	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		16400+-1410	pCi/l	HP, 735A
2	NONVOLATILE BETA		16600+-70.5	pCi/l	Rad. Meas.
2	TOTAL RADIUM		45.40+-2.94	pCi/l	Rad. Meas.
2	TRITIUM		43500+- 872	pCi/ml	HP, 735A
2	TRITIUM		45200+- 255	pCi/ml	Rad. Meas.

WELL HSB103C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/31/89 Time 915
Depth to water = 24.86 ft (7.58 m) below the TOC
Water elevation = 222.54 ft (67.83 m) msl
pH = 5.3 Alkalinity = 1 mg/L
Specific Conductance = 240 umhos/cm
Water Temperature = 18.8 degrees Celsius
Water evacuated from the well prior to sampling = 181 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		237.0	UMHC	Env. Eng.
0	PH		5.22	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
1	ALUMINUM		92	ug/l	Env. Eng.

CONTINUED

WELL HSB103C COLLECTED ON 01/31/89 LABORATORY ANALYSES CONTINUED

0	ARSENIC	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		80	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		8110	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng
0	BROMOMETHANE	LT	10	ug/l	Env. Eng
0	BROMOMETHANE	LT	10	ug/l	Env. Eng
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng
0	CHLORIDE		4700	ug/l	Env. Eng.
0	CHLORIDE		4700	ug/l	Env. Eng
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
1	COBALT		7	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		7	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng
0	BENZENE	LT	5	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		220	ug/l	Env. Eng.
0	IRON		21	ug/l	Env. Eng.
2	MERCURY		1.23	ug/l	Env. Eng.
2	MERCURY		1.11	ug/l	Env. Eng.
0	POTASSIUM		3220	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng
0	TOLUENE	LT	5	ug/l	Env. Eng.
1	MAGNESIUM		5180	ug/l	Env. Eng.
2	MANGANESE		356	ug/l	Env. Eng.
1	SODIUM		20000	ug/l	Env. Eng.
0	NICKEL		7	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		21000	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		9400	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng
0	TOTAL DISSOLVED SOLIDS		148000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		10	ug/l	Env. Eng
0	TOTAL ORGANIC HALOGENS		7	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		55	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng
0	ZINC		37	ug/l	Env. Eng
0	GROSS ALPHA		3.21+-5.28	pCi/l	HP, 735A
1	GROSS ALPHA		5.23+-2.35	pCi/l	Rad. Meas
1	NONVOLATILE BETA		40.20+-3.24	pCi/l	HP, 735A
1	NONVOLATILE BETA		19.80+-2.13	pCi/l	Rad. Meas
0	TOTAL RADIUM		2.38+-0.70	pCi/l	Rad. Meas
2	TRITIUM		906+-18.2	pCi/ml	HP, 735A
2	TRITIUM		1050+-5.67	pCi/ml	Rad. Meas.

WELL HSB103D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/31/89 Time 925
Depth to water = 22.12 ft (6.74 m) below the TOC
Water elevation = 225.48 ft (68.73 m) msl
pH = 4.4 Alkalinity = 0 mg/L
Specific Conductance = 440 umhos/cm
Water Temperature = 20.4 degrees Celsius
Water evacuated from the well prior to sampling = 48 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		375.0	UMHC	Env. Eng.
0	PH		4.17	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
2	ALUMINUM		1180	ug/l	Env. Eng.
2	ALUMINUM		1070	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		45	ug/l	Env. Eng.
1	BARIUM		52	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10	ug/l	Env. Eng.
0	CALCIUM		1630	ug/l	Env. Eng.
0	CALCIUM		1620	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		4800	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		12	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		240	ug/l	Env. Eng.
0	IRON		48	ug/l	Env. Eng.
0	IRON		38	ug/l	Env. Eng.
2	MERCURY		2.61	ug/l	Env. Eng.
0	POTASSIUM		2030	ug/l	Env. Eng.
0	POTASSIUM		2100	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		1690	ug/l	Env. Eng.
0	MAGNESIUM		1750	ug/l	Env. Eng.
2	MANGANESE		139	ug/l	Env. Eng.
2	MANGANESE		170	ug/l	Env. Eng.
1	SODIUM		66200	ug/l	Env. Eng.
1	SODIUM		63600	ug/l	Env. Eng.
0	NICKEL		5	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		40300	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		9330	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		270000	ug/l	Env. Eng
0	TOTAL ORGANIC CARBON		1600	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		9	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		36	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		22	ug/l	Env. Eng.
2	GROSS ALPHA		34.20+-10.2	pCi/l	HP, 735A
2	GROSS ALPHA		27.38+-4.97	pCi/l	Rad. Meas
2	NONVOLATILE BETA		770+-65.7	pCi/l	HP, 735A
2	NONVOLATILE BETA		1058+-17.3	pCi/l	Rad. Meas.
2	TOTAL RADIUM		10.55+-1.42	pCi/l	Rad. Meas.
2	TRITIUM		4050+- 82	pCi/ml	HP, 735A
2	TRITIUM		4329+-71.6	pCi/ml	Rad. Meas.

WELL HSB104C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/19/89 Time 1555
Depth to water = 28.00 ft (8.55 m) below the TOC
Water elevation = 219.84 ft (67.01 m) msl
pH = 10.0 Alkalinity = 02 mg/L
Specific Conductance = 220 umhos/cm
Water Temperature = 19.3 degrees Celsius
Water evacuated from the well prior to sampling = 102 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		215.0	UMHC	Env. Eng.
2	PH		9.73	pH	Env. Eng
0	SILVER	LT	2	ug/l	Env. Eng
2	ALUMINUM		718	ug/l	Env. Eng
0	ARSENIC	LT	2	ug/l	Env. Eng
0	BARIUM		32	ug/l	Env. Eng
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		13000	ug/l	Env. Eng
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng
0	CHLORIDE		4000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		11	ug/l	Env. Eng
0	CYANIDE	LT	5	ug/l	Env. Eng
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng
0	BENZENE	LT	5	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		140	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
1	POTASSIUM		11700	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		464	ug/l	Env. Eng.
0	MANGANESE		22	ug/l	Env. Eng
1	SODIUM		19700	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng
1	NITRATE AS NITROGEN		5790	ug/l	Env. Eng
0	LEAD	LT	6	ug/l	Env. Eng
0	PHENOLS	LT	5	ug/l	Env. Eng
0	ANTIMONY	LT	3	ug/l	Env. Eng
0	SELENIUM	LT	2	ug/l	Env. Eng
1	SILICA		11300	ug/l	Env. Eng
0	SULFATE		5800	ug/l	Env. Eng
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		138000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng
0	TOTAL PHOSPHATES		80	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng
1	VANADIUM		9	ug/l	Env. Eng
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng
0	ZINC		23	ug/l	Env. Eng
0	GROSS ALPHA		0.82+-0.60	pCi/l	HP, 735A
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas
0	GROSS ALPHA		1.12+-1.00	pCi/l	Rad. Meas
1	NONVOLATILE BETA		33.70+-3.09	pCi/l	HP, 735A
1	NONVOLATILE BETA		26.90+-2.33	pCi/l	Rad. Meas

CONTINUED

WELL HS0104C COLLECTED ON 01/19/89 LABORATORY ANALYSES CONTINUED

1	NONVOLATILE BETA		27.00+-2.38	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.53+-0.59	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.65+-0.42	pCi/l	Rad. Meas.
2	TRITIUM		572+-3.48	pCi/ml	HP, 735A
2	TRITIUM		433+-3.50	pCi/ml	Rad. Meas.
2	TRITIUM		432+-3.25	pCi/ml	Rad. Meas.

WELL HS0104D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/19/89 Time 1415
Depth to water = 22.63 ft (6.90 m) below the TOC
Water elevation = 225.17 ft (68.63 m) msl
pH = 4.0 Alkalinity = 0 mg/L
Specific Conductance = 610 umhos/cm
Water Temperature = 18.9 degrees Celsius
Water evacuated from the well prior to sampling = 70 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		597.0	UMHC	Env. Eng.
1	PH		3.85	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
2	ALUMINUM		9000	ug/l	Env. Eng.
1	ARSENIC		4	ug/l	Env. Eng.
1	BARIUM		140	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		3560	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2300	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
1	COBALT		13	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		13	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
1	FLUORIDE		590	ug/l	Env. Eng.
0	IRON		97	ug/l	Env. Eng.
2	MERCURY		4.31	ug/l	Env. Eng.
2	MERCURY		4.37	ug/l	Env. Eng.
0	POTASSIUM		2120	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		1900	ug/l	Env. Eng.
2	MANGANESE		1020	ug/l	Env. Eng.
1	SODIUM		77800	ug/l	Env Eng.
1	NICKEL		12	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		64500	ug/l	Env. Eng.
0	LEAD		11	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		15600	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		348000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1600	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1400	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		11	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		43	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		42	ug/l	Env. Eng.
2	GROSS ALPHA		366+- 148	pCi/l	HP, 735A
2	GROSS ALPHA		52.28+-6.80	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		9640+- 637	pCi/l	HP, 735A
2	NONVOLATILE BETA		4874+-36.9	pCi/l	Rad. Meas.
2	TOTAL RADIUM		25.03+-2.14	pCi/l	Rad. Meas.
2	TRITIUM		12900+-51.7	pCi/ml	HP, 735A
2	TRITIUM		11049+- 121	pCi/ml	Rad. Meas.

WELL HS0105C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/19/89 Time 1635
Depth to water = 30.72 ft (9.36 m) below the TOC
Water elevation = 218.78 ft (66.68 m) msl
pH = 6.1 Alkalinity = 14 mg/L
Specific Conductance = 78 umhos/cm
Water Temperature = 18.1 degrees Celsius
Water evacuated from the well prior to sampling = 188 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		81.80	UMHC	Env. Eng.
0	PH		6.13	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		7	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		8080	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3700	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		7	ug/l	Env. Eng.
0	COPPER		6	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		35	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		2760	ug/l	Env. Eng
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		825	ug/l	Env. Eng.
0	MANGANESE		10	ug/l	Env. Eng.
0	SODIUM		3200	ug/l	Env. Eng.
0	NICKEL		8	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		2630	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env Eng.
0	SELENIUM	LT	2	ug/l	Env Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		11300	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng
0	TOTAL DISSOLVED SOLIDS		50000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		230	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		74	ug/l	Env. Eng.
0	ZINC		61	ug/l	Env. Eng
0	GROSS ALPHA		-0.01+-0.19	pCi/l	HP, 735A
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas
0	NONVOLATILE BETA		4.28+-0.96	pCi/l	HP, 735A
0	NONVOLATILE BETA		3.34+-0.98	pCi/l	Rad. Meas
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas
2	TRITIUM		112+-1.57	pCi/ml	HP, 735A
2	TRITIUM		103+-1.80	pCi/ml	Rad. Meas

WELL HSB105D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/31/89 Time 1140
Depth to water = 24.14 ft (7.36 m) below the TOC
Water elevation = 225.36 ft (68.69 m) msl
pH = 3.9 Alkalinity = 0 mg/L
Specific Conductance = 710 umhos/cm
Water Temperature = 18.7 degrees Celsius
Water evacuated from the well prior to sampling = 51 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		661.0	UMHC	Env. Eng.
1	PH		3.88	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
2	ALUMINUM		8300	ug/l	Env. Eng.
1	ARSENIC		3	ug/l	Env. Eng.
1	BARIUM		128	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10	ug/l	Env. Eng.
0	CALCIUM		7500	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2500	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
1	COBALT		11	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		8	ug/l	Env. Eng.
1	CYANIDE		9	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
1	FLUORIDE		1000	ug/l	Env. Eng.
0	IRON		28	ug/l	Env. Eng.
2	MERCURY		5.81	ug/l	Env. Eng.
0	POTASSIUM		2000	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		4660	ug/l	Env. Eng.
2	MANGANESE		983	ug/l	Env. Eng.
1	SODIUM		79800	ug/l	Env. Eng.
1	NICKEL		12	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		71400	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		7430	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		372000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		2000	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		12	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		39	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		30	ug/l	Env. Eng.
2	GROSS ALPHA		97.50+-24.4	pCi/l	HP, 735A
2	GROSS ALPHA		76.31+-10.2	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		3140+- 257	pCi/l	HP, 735A
2	NONVOLATILE BETA		4611+-37.1	pCi/l	Rad. Meas.
2	TOTAL RADIUM		25.87+-2.18	pCi/l	Rad. Meas.
2	TRITIUM		15800+- 318	pCi/ml	HP, 735A
2	TRITIUM		18050+- 151	pCi/ml	Rad. Meas.

WELL HSB106C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/31/89 Time 1035
Depth to water = 32.02 ft (9.76 m) below the TOC
Water elevation = 220.88 ft (67.33 m) msl
pH = 6.7 Alkalinity = 17 mg/L
Specific Conductance = 133 umhos/cm
Water Temperature = 19.3 degrees Celsius
Water evacuated from the well prior to sampling = 192 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		149.0	UMHC	Env. Eng.
0	PH		6.31	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		25	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.

CONTINUED

WELL HSB106C COLLECTED ON 01/31/89 LABORATORY ANALYSES CONTINUED

1	CALCIUM		11100	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		4100	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		6	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		160	ug/l	Env. Eng.
0	IRON		20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		3210	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		1240	ug/l	Env. Eng.
0	MANGANESE		17	ug/l	Env. Eng.
1	SODIUM		9180	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
1	NITRATE AS NITROGEN		7330	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		9850	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		92000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		9	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		63	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		15	ug/l	Env. Eng.
0	GROSS ALPHA		0.78+-2.54	pCi/l	HP, 735A
0	GROSS ALPHA		1.66+-1.41	pCi/l	Rad. Meas
1	NONVOLATILE BETA		11.90+-1.47	pCi/l	HP, 735A
0	NONVOLATILE BETA		5.36+-1.15	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.56+-0.36	pCi/l	Rad. Meas
2	TRITIUM		361+-7.33	pCi/ml	HP, 735A
2	TRITIUM		425+-3.69	pCi/ml	Rad. Meas

WELL HSB106D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/31/89 Time 1020
Depth to water = 27.09 ft (8.26 m) below the TOC
Water elevation = 225.81 ft (68.83 m) msl
pH = 4.6 Alkalinity = 0 mg/L
Specific Conductance = 139 umhos/cm
Water Temperature = 20.1 degrees Celsius
Water evacuated from the well prior to sampling = 49 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		156.0	UMHC	Env. Eng.
0	PH		4.52	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
2	ALUMINUM		496	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		37	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		3530	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3300	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
1	COBALT		6	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		6	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	1.00	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.

CONTINUED

WELL HSB106D COLLECTED ON 01/31/89 LABORATORY ANALYSES CONTINUED

0	FLUORIDE		190	ug/l	Env. Eng.
0	IRON		99	ug/l	Env. Eng.
2	MERCURY		1.55	ug/l	Env. Eng.
0	POTASSIUM		620	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		942	ug/l	Env. Eng.
2	MANGANESE		255	ug/l	Env. Eng.
1	SODIUM		22300	ug/l	Env. Eng.
1	NICKEL		80	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		14800	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		16100	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		98000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1000	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		14	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		59	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		59	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		48	ug/l	Env. Eng.
1	GROSS ALPHA		7.32+-8.42	pCi/l	HP, 735A
0	GROSS ALPHA		3.31+-1.15	pCi/l	Rad. Meas.
0	GROSS ALPHA		4.02+-1.36	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		901+-54.2	pCi/l	HP, 735A
2	NONVOLATILE BETA		235+-3.64	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		256+-3.86	pCi/l	Rad. Meas.
0	TOTAL RADIUM		2.12+-0.66	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.58+-0.57	pCi/l	Rad. Meas.
2	TRITIUM		1130+-22.7	pCi/ml	HP, 735A
2	TRITIUM		1337+-7.04	pCi/ml	Rad. Meas.
2	TRITIUM		1368+-7.37	pCi/ml	Rad. Meas.

WELL HSB107C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/31/89 Time 1330
Depth to water = 42.72 ft (13.02 m) below the TOC
Water elevation = 218.88 ft (66.72 m) msl
pH = 6.7 Alkalinity = 84 mg/L
Specific Conductance = 220 umhos/cm
Water Temperature = 20.2 degrees Celsius
Water evacuated from the well prior to sampling = 163 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		223.0	UMHC	Env. Eng.
1	PH		6.50	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		61	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		20300	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3300	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		9	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		330	ug/l	Env. Eng.
2	IRON		881	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		4940	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		1030	ug/l	Env. Eng.
2	MANGANESE		743	ug/l	Env. Eng.
1	SODIUM		22900	ug/l	Env. Eng.
0	NICKEL		5	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		2880	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		10400	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.

CONTINUED

WELL HSB107C COLLECTED ON 01/31/89 LABORATORY ANALYSES CONTINUED

0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		108000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1200	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		8	ug/l	Env. Eng.
1	TOTAL PHOSPHATES		311	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		22	ug/l	Env. Eng.
0	GROSS ALPHA		1.78+-5.42	pCi/l	HP, 735A
0	GROSS ALPHA		2.43+-2.18	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		44.90+-3.59	pCi/l	HP, 735A
1	NONVOLATILE BETA		14.66+-1.98	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.45+-0.33	pCi/l	Rad. Meas.
2	TRITIUM		997+- 20	pCi/ml	HP, 735A
2	TRITIUM		1123+-5.62	pCi/ml	Rad. Meas.

WELL HSB107D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/31/89 Time 1230
Depth to water = 37.72 ft (11.50 m) below the TOC
Water elevation = 224.58 ft (68.45 m) msl
pH = 4.6 Alkalinity = 0 mg/L
Specific Conductance = 375 umhos/cm
Water Temperature = 20.4 degrees Celsius
Water evacuated from the well prior to sampling = 41 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		348.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		346.0	UMHC	Env. Eng.
0	PH		4.23	pH	Env. Eng.
0	PH		4.27	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
2	ALUMINUM		1210	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		100	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10	ug/l	Env. Eng.
0	CALCIUM		3940	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2900	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		310	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
2	MERCURY		2.93	ug/l	Env. Eng.
0	POTASSIUM		2450	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		2330	ug/l	Env. Eng.
2	MANGANESE		401	ug/l	Env. Eng.
1	SODIUM		49800	ug/l	Env. Eng.
1	NICKEL		10	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		38800	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		39000	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng
1	SILICA		8090	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		220000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		29	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng

CONTINUED

WELL HSB107D COLLECTED ON 01/31/89 LABORATORY ANALYSES CONTINUED

0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		35	ug/l	Env. Eng.
2	GROSS ALPHA		54.70+-14.4	pCi/l	HP, 735A
2	GROSS ALPHA		43.72+-5.94	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		4360+- 349	pCi/l	HP, 735A
2	NONVOLATILE BETA		5638+-39.7	pCi/l	Rad. Meas.
2	TOTAL RADIUM		18.73+-1.87	pCi/l	Rad. Meas.
2	TRITIUM		25300+- 507	pCi/ml	HP, 735A
2	TRITIUM		27127+- 178	pCi/ml	Rad. Meas.

WELL HSB108C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/31/89 Time 1530
Depth to water = 48.03 ft (14.64 m) below the TOC
Water elevation = 218.17 ft (66.50 m) msl
pH = 7.1 Alkalinity = 83 mg/L
Specific Conductance = 181 umhos/cm
Water Temperature = 20.2 degrees Celsius
Water evacuated from the well prior to sampling = 92 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		198.0	UMHC	Env. Eng.
1	PH		7.00	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		11	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10	ug/l	Env. Eng.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10	ug/l	Env. Eng.
1	CALCIUM		51200	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2600	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		15	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		290	ug/l	Env. Eng.
0	FLUORIDE		290	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1500	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		1370	ug/l	Env. Eng.
1	MANGANESE		29	ug/l	Env. Eng.
0	SODIUM		2950	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1880	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		12500	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		118000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
1	TOTAL PHOSPHATES		357	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		39	ug/l	Env. Eng.
0	GROSS ALPHA		-0.70+-2.65	pCi/l	HP, 735A
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		14.70+-1.76	pCi/l	HP, 735A
0	NONVOLATILE BETA		6.13+-1.27	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
2	TRITIUM		196+-4.04	pCi/ml	HP, 735A
2	TRITIUM		213+-2.51	pCi/ml	Rad. Meas.

WELL HSB108D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/31/89 Time 1545
Depth to water = 42.54 ft (12.97 m) below the TOC
Water elevation = 223.76 ft (68.20 m) msl
pH = 4.4 Alkalinity = 0 mg/L
Specific Conductance = 270 umhos/cm
Water Temperature = 21.4 degrees Celsius
Water evacuated from the well prior to sampling = 47 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		236.0	UMHC	Env. Eng.
0	PH		4.03	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
2	ALUMINUM		1460	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		57	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		3610	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2400	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
1	COBALT		10	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		7	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng
0	BENZENE	LT	5	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		430	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
2	MERCURY		2.55	ug/l	Env. Eng.
0	POTASSIUM		1400	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		1350	ug/l	Env. Eng.
2	MANGANESE		598	ug/l	Env. Eng.
1	SODIUM		33200	ug/l	Env. Eng.
1	NICKEL		16	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		24600	ug/l	Env. Eng.
0	LEAD		6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		9020	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		140000	ug/l	Env. Eng
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng
0	TOTAL ORGANIC HALOGENS		7	ug/l	Env. Eng
0	TOTAL PHOSPHATES		31	ug/l	Env. Eng
0	TOTAL PHOSPHATES		27	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		48	ug/l	Env. Eng.
2	GROSS ALPHA		37.60+-8.67	pCi/l	HP, 735A
2	GROSS ALPHA		27.15+-3.71	pCi/l	Rad. Meas
2	NONVOLATILE BETA		2630+- 210	pCi/l	HP, 735A
2	NONVOLATILE BETA		3432+- 24	pCi/l	Rad. Meas.

CONTINUED

WELL HSB108D COLLECTED ON 01/31/89 LABORATORY ANALYSES CONTINUED

1	TOTAL RADIUM	4.80+-0.94	pCi/l	Rad. Meas.
2	TRITIUM	14600+- 294	pCi/ml	HP, 735A
2	TRITIUM	15912+- 140	pCi/ml	Rad. Meas.

WELL HSB109C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/01/89 Time 1015
Depth to water = 43.31 ft (13.20 m) below the TOC
Water elevation = 218.29 ft (66.54 m) msl
pH = 6.2 Alkalinity = 15 mg/L
Specific Conductance = 58 umhos/cm
Water Temperature = 19.5 degrees Celsius
Water evacuated from the well prior to sampling = 145 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		74.20	UMHC	Env. Eng.
0	PH		6.30	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		13	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10	ug/l	Env. Eng.
0	CALCIUM		5680	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2400	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		6	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		210	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1030	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		320	ug/l	Env. Eng.
0	MANGANESE		8	ug/l	Env. Eng.
0	SODIUM		4820	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1260	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		10200	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		34000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
1	TOTAL PHOSPHATES		379	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		33	ug/l	Env. Eng.
0	GROSS ALPHA		1.11+-2.58	pCi/l	HP, 735A
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		7.91+-1.18	pCi/l	HP, 735A
0	NONVOLATILE BETA		2.53+-0.98	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.38+-0.29	pCi/l	Rad. Meas.
2	TRITIUM		69.70+-1.51	pCi/ml	HP, 735A
2	TRITIUM		83.00+-1.51	pCi/ml	Rad. Meas.

WELL HSB109D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/01/89 Time 1030
Depth to water = 38.24 ft (11.66 m) below the TOC
Water elevation = 222.96 ft (67.96 m) msl
pH = 5.1 Alkalinity = 0 mg/L
Specific Conductance = 54 umhos/cm
Water Temperature = 20.5 degrees Celsius
Water evacuated from the well prior to sampling = 44 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		56.20	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		56.90	UMHC	Env. Eng.
0	PH		5.15	pH	Env. Eng.
0	PH		4.77	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM		74	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		13	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		2060	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2400	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CARBON DISULFIDE	LT	5	ug/l	Env. Eng.
0	COPPER		6	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		140	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		810	ug/l	Env. Eng.
2	MANGANESE		152	ug/l	Env. Eng.
1	SODIUM		6280	ug/l	Env. Eng.
1	NICKEL		21	ug/l	Env. Eng.
1	NITRATE AS NITROGEN		3760	ug/l	Env. Eng.
1	NITRATE AS NITROGEN		3900	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		6390	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		24000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		28	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		198	ug/l	Env. Eng
0	GROSS ALPHA		1.58+-3.67	pCi/l	HP, 735A
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		276+-17.1	pCi/l	HP, 735A
2	NONVOLATILE BETA		91.24+-2.28	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
2	TRITIUM		945+- 19	pCi/ml	HP, 735A
2	TRITIUM		1130+-6.33	pCi/ml	Rad. Meas.

WELL HSB110C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/01/89 Time 1220
Depth to water = 37.14 ft (11.32 m) below the TOC
Water elevation = 218.56 ft (66.62 m) msl
pH = 5.9 Alkalinity = 6 mg/L
Specific Conductance = 34 umhos/cm
Water Temperature = 19.7 degrees Celsius
Water evacuated from the well prior to sampling = 139 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		54.00	UMHC	Env. Eng.
0	PH		5.74	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM		27	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		6	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		1340	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2600	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT		4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		5	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		170	ug/l	Env. Eng.
0	IRON		27	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		604	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		310	ug/l	Env. Eng.
0	MANGANESE		16	ug/l	Env. Eng.
0	SODIUM		4100	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		850	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		10600	ug/l	Env. Eng.
1	SILICA		10800	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		20000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		109	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		97	ug/l	Env. Eng.
0	ZINC		151	ug/l	Env. Eng.

CONTINUED

WELL HSB110C COLLECTED ON 02/01/89 LABORATORY ANALYSES CONTINUED

0	GROSS ALPHA		0.20+-1.42	pCi/l	HP, 735A
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas
0	NONVOLATILE BETA		5.49+-1.00	pCi/l	HP, 735A
0	NONVOLATILE BETA		2.44+-0.97	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.68+-0.57	pCi/l	Rad. Meas
2	TRITIUM		114+-2.39	pCi/ml	HP, 735A
2	TRITIUM		132+-2.05	pCi/ml	Rad. Meas.

WELL HSB110D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/01/89 Time 1125
Depth to water = 33.09 ft (10.09 m) below the TOC
Water elevation = 222.51 ft (67.82 m) msl
pH = 4.0 Alkalinity = 0 mg/L
Specific Conductance = 245 umhos/cm
Water Temperature = 20.2 degrees Celsius
Water evacuated from the well prior to sampling = 45 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		214.0	UMHC	Env. Eng.
1	PH		3.71	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng
2	ALUMINUM		6400	ug/l	Env. Eng
0	ARSENIC	LT	2	ug/l	Env. Eng
0	BARIUM		34	ug/l	Env. Eng
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		4230	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2900	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
1	COBALT		10	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		12	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng
0	BENZENE	LT	5	ug/l	Env. Eng
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng
0	FLUORIDE		410	ug/l	Env. Eng.
0	FLUORIDE		420	ug/l	Env. Eng.
0	IRON		22	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1080	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		501	ug/l	Env. Eng
2	MANGANESE		322	ug/l	Env. Eng
1	SODIUM		14300	ug/l	Env. Eng.
1	NICKEL		19	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		20900	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		26300	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng
0	TOTAL DISSOLVED SOLIDS		98000	ug/l	Env. Eng
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng
0	TOTAL PHOSPHATES		71	ug/l	Env. Eng
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng
0	ZINC		79	ug/l	Env. Eng
2	GROSS ALPHA		27.70+-6.59	pCi/l	HP, 735A
1	GROSS ALPHA		12.28+-2.49	pCi/l	Rad. Meas
2	NONVOLATILE BETA		709+-58.4	pCi/l	HP, 735A
2	NONVOLATILE BETA		897+-12.1	pCi/l	Rad. Meas
1	TOTAL RADIUM		4.88+-0.95	pCi/l	Rad. Meas
2	TRITIUM		9250+- 186	pCi/ml	HP, 735A
2	TRITIUM		10481+- 115	pCi/ml	Rad. Meas

WELL HSB111C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/01/89 Time 1415
Depth to water = 36.08 ft (11.00 m) below the TOC
Water elevation = 219.92 ft (67.03 m) msl
pH = 5.0 Alkalinity = 0 mg/L
Specific Conductance = 220 umhos/cm
Water Temperature = 19.6 degrees Celsius
Water evacuated from the well prior to sampling = 222 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		204.0	UMHC	Env. Eng.
0	PH		5.03	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
1	ALUMINUM		215	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		27	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10	ug/l	Env. Eng.
1	CALCIUM		18300	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3900	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		9	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		360	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		827	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		3540	ug/l	Env. Eng.
1	MANGANESE		46	ug/l	Env. Eng.
1	SODIUM		14000	ug/l	Env. Eng.
0	NICKEL		6	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		22300	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		22500	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		9670	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		148000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		109	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		103	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		94	ug/l	Env. Eng.
0	GROSS ALPHA		1.69+-1.32	pCi/l	HP, 735A
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		50.30+-6.82	pCi/l	HP, 735A
2	NONVOLATILE BETA		57.10+-3.27	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.80+-0.56	pCi/l	Rad. Meas.
2	TRITIUM		2820+-11.6	pCi/ml	HP, 735A
2	TRITIUM		2947+-61.7	pCi/ml	Rad. Meas.

WELL HSB111D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/01/89 Time 1550
Depth to water = 33.58 ft (10.24 m) below the TOC
Water elevation = 222.42 ft (67.79 m) msl
pH = 4.9 Alkalinity = 0 mg/L
Specific Conductance = 655 umhos/cm
Water Temperature = 20.7 degrees Celsius
Water evacuated from the well prior to sampling = 201 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		600.0	UMHC	Env. Eng.
0	PH		4.88	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
2	ALUMINUM		486	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.

CONTINUED

WELL HSB111D COLLECTED ON 02/01/89 LABORATORY ANALYSES CONTINUED

1	BARIUM		77	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		9800	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3300	ug/l	Env. Eng.
0	CHLORIDE		3500	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM		4	ug/l	Env. Eng.
0	COPPER		8	ug/l	Env. Eng.
1	CYANIDE		7	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		380	ug/l	Env. Eng.
0	IRON		53	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1150	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		4000	ug/l	Env. Eng.
2	MANGANESE		92	ug/l	Env. Eng.
1	SODIUM		112000	ug/l	Env. Eng.
0	NICKEL		4	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		73300	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		72800	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		9050	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		462000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		31	ug/l	Env. Eng.
2	GROSS ALPHA		16.90+-7.73	pCi/l	HP, 735A
1	GROSS ALPHA		14.40+-5.09	pCi/l	Rad. Meas.
2	GROSS ALPHA		19.70+-7.00	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		128+-20.4	pCi/l	HP, 735A
2	NONVOLATILE BETA		167+-7.34	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		183+-7.51	pCi/l	Rad. Meas.
2	TOTAL RADIUM		6.24+-1.10	pCi/l	Rad. Meas.
2	TOTAL RADIUM		7.97+-1.22	pCi/l	Rad. Meas.
2	TRITIUM		3290+-39.1	pCi/ml	HP, 735A
2	TRITIUM		19100+- 154	pCi/ml	Rad. Meas
2	TRITIUM		18700+- 149	pCi/ml	Rad. Meas.

WELL HSB111E

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/01/89 Time 1435
Depth to water = 33.33 ft (10.16 m) below the TOC
Water elevation = 222.57 ft (67.84 m) msl
pH = 4.0 Alkalinity = 0 mg/L
Specific Conductance = 230 umhos/cm
Water Temperature = 20.8 degrees Celsius
Water evacuated from the well prior to sampling = 59 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		109.0	UMHC	Env. Eng.
0	PH		4.10	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
2	ALUMINUM		2840	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		37	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		3790	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.

CONTINUED

WELL HSB111E COLLECTED ON 02/01/89 LABORATORY ANALYSES CONTINUED

0	CHLORIDE		4400	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		6	ug/l	Env. Eng.
0	COPPER		6	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		350	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1410	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		968	ug/l	Env. Eng.
2	MANGANESE		322	ug/l	Env. Eng.
1	SODIUM		16700	ug/l	Env. Eng.
1	NICKEL		12	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		20100	ug/l	Env. Eng.
0	LEAD		7	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		9220	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		44000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		52	ug/l	Env. Eng.
0	ZINC		63	ug/l	Env. Eng.
2	GROSS ALPHA		29.50+-6.16	pCi/l	HP, 735A
2	GROSS ALPHA		21.29+-3.21	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		2750+- 237	pCi/l	HP, 735A
2	NONVOLATILE BETA		5337+-29.4	pCi/l	Rad. Meas.
2	TOTAL RADIUM		18.27+-2.15	pCi/l	Rad. Meas.
2	TRITIUM		481+-14.3	pCi/ml	HP, 735A
2	TRITIUM		9922+-29.9	pCi/ml	Rad. Meas.

WELL HSB112C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/01/89 Time 1645
Depth to water = 33.85 ft (10.32 m) below the TOC
Water elevation = 221.05 ft (67.38 m) msl
pH = 6.4 Alkalinity = 21 mg/L
Specific Conductance = 230 umhos/cm
Water Temperature = 20.4 degrees Celsius
Water evacuated from the well prior to sampling = 224 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		223.0	UMHC	Env. Eng.
0	PH		6.38	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM		43	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		51	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		19200	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3400	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		11	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		340	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1120	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.

CONTINUED

WELL HSB112C COLLECTED ON 02/01/89 LABORATORY ANALYSES CONTINUED

0	MAGNESIUM		3520	ug/l	Env. Eng.
1	MANGANESE		34	ug/l	Env. Eng.
1	SODIUM		16000	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		18000	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		11700	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		158000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		13	ug/l	Env. Eng.
1	TOTAL PHOSPHATES		330	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		29	ug/l	Env. Eng.
0	GROSS ALPHA		3.35+-1.77	pCi/l	HP, 735A
0	GROSS ALPHA		2.84+-1.81	pCi/l	Rad Meas
1	NONVOLATILE BETA		43.90+-6.24	pCi/l	HP, 735A
2	NONVOLATILE BETA		50.80+-3.10	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.08+-0.69	pCi/l	Rad. Meas
2	TRITIUM		3200+-12.2	pCi/ml	HP, 735A
2	TRITIUM		3350+-61.2	pCi/ml	Rad. Meas

WELL HSB112D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/01/89 Time 1630
Depth to water = 31.71 ft (9.67 m) below the TOC
Water elevation = 223.39 ft (68.09 m) msl
pH = 4.9 Alkalinity = 0 mg/L
Specific Conductance = 430 umhos/cm
Water Temperature = 20.9 degrees Celsius
Water evacuated from the well prior to sampling = 113 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		379.0	UMHC	Env. Eng.
0	PH		4.99	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
1	ALUMINUM		141	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		20	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		1770	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		5100	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
1	COBALT		7	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng.
1	CYANIDE		6	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		260	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1440	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		1150	ug/l	Env. Eng.
2	MANGANESE		225	ug/l	Env. Eng.
1	SODIUM		16500	ug/l	Env. Eng.
0	NICKEL		5	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		45100	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		9030	ug/l	Env. Eng.
0	SULFATE		7700	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		298000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.

CONTINUED

WELL HSB112D COLLECTED ON 02/01/89 LABORATORY ANALYSES CONTINUED

0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		19	ug/l	Env. Eng.
1	GROSS ALPHA		5.62+-3.29	pCi/l	HP, 735A
1	GROSS ALPHA		5.80+-3.18	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		57.20+-9.60	pCi/l	HP, 735A
2	NONVOLATILE BETA		81.10+-5.07	pCi/l	Rad. Meas.
0	TOTAL RADIUM		2.29+-0.87	pCi/l	Rad. Meas.
2	TRITIUM		2040+-30.7	pCi/ml	HP, 735A
2	TRITIUM		21500+- 159	pCi/ml	Rad. Meas.

WELL HSB112E

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/12/89 Time 1110
Depth to water = 31.87 ft (9.71 m) below the TOC
Water elevation = 223.23 ft (68.04 m) msl
pH = 5.4 Alkalinity = 8 mg/L
Specific Conductance = 440 umhos/cm
Water Temperature = 20.4 degrees Celsius
Water evacuated from the well prior to sampling = 2 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		383.0	UMHC	Env. Eng.
0	PH		5.13	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		105	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		6760	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2170	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
1	COBALT		16	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		17	ug/l	Env. Eng.
0	COPPER		14	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	1.00	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		200	ug/l	Env. Eng.
0	IRON		38	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		3120	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		1910	ug/l	Env. Eng.
2	MANGANESE		1030	ug/l	Env. Eng.
1	SODIUM		61000	ug/l	Env. Eng.
1	NICKEL		51	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		45800	ug/l	Env. Eng.
2	LEAD		29	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		11300	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		304000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1500	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		18	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		19	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		80	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		98	ug/l	Env. Eng.
0	ZINC		114	ug/l	Env. Eng.
1	GROSS ALPHA		5.36+-4.93	pCi/l	HP, 735A
1	GROSS ALPHA		9.46+-2.91	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		444+-38.3	pCi/l	HP, 735A
2	NONVOLATILE BETA		3240+-30.2	pCi/l	Rad. Meas.
0	TOTAL RADIUM		2.22+-0.73	pCi/l	Rad. Meas.
2	TRITIUM		22500+- 450	pCi/ml	HP, 735A
2	TRITIUM		24309+- 162	pCi/ml	Rad. Meas.

WELL HSB113C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/02/89 Time 1020
Depth to water = 39.35 ft (11.99 m) below the TOC
Water elevation = 221.65 ft (67.56 m) msl
pH = 5.7 Alkalinity = 6 mg/L
Specific Conductance = 121 umhos/cm
Water Temperature = 20.4 degrees Celsius
Water evacuated from the well prior to sampling = 200 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		116.0	UMHC	Env. Eng.
0	PH		5.50	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
1	ALUMINUM		192	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		36	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		6590	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3200	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		5	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		210	ug/l	Env. Eng.
0	IRON		48	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1980	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		2220	ug/l	Env. Eng.
2	MANGANESE		68	ug/l	Env. Eng.
1	SODIUM		10600	ug/l	Env. Eng.
0	NICKEL		5	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		10100	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		10200	ug/l	Env. Eng.
0	LEAD		13	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		9170	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		84000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		32	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		18	ug/l	Env. Eng.
0	GROSS ALPHA		1.27+-0.91	pCi/l	HP, 735A
0	GROSS ALPHA		1.12+-0.74	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		23.00+-3.29	pCi/l	HP, 735A
1	NONVOLATILE BETA		33.42+-2.17	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
2	TRITIUM		1240+-7.57	pCi/ml	HP, 735A
2	TRITIUM		1405+-6.85	pCi/ml	Rad. Meas.

WELL HSB113D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/02/89 Time 1000
Depth to water = 37.57 ft (11.45 m) below the TOC
Water elevation = 223.33 ft (68.07 m) msl
pH = 3.8 Alkalinity = 0 mg/L
Specific Conductance = 420 umhos/cm
Water Temperature = 21.4 degrees Celsius
Water evacuated from the well prior to sampling = 35 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		367.0	UMHC	Env. Eng.
0	PH		4.01	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
2	ALUMINUM		10700	ug/l	Env. Eng.
1	ARSENIC		5	ug/l	Env. Eng.
1	BARIUM		76	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.

CONTINUED

WELL HSB113D COLLECTED ON 02/02/89 LABORATORY ANALYSES CONTINUED

0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10	ug/l	Env. Eng.
0	CALCIUM		5300	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		4300	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
1	COBALT		5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		19	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
1	FLUORIDE		1040	ug/l	Env. Eng.
0	IRON		73	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1490	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		1220	ug/l	Env. Eng.
2	MANGANESE		228	ug/l	Env. Eng.
1	SODIUM		26400	ug/l	Env. Eng.
1	NICKEL		13	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		40200	ug/l	Env. Eng.
0	LEAD		9	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		31000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		170000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1000	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		53	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		90	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		41	ug/l	Env. Eng.
2	GROSS ALPHA		46.30+-9.47	pCi/l	HP, 735A
2	GROSS ALPHA		36.80+-5.24	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		901+-82.4	pCi/l	HP, 735A
2	NONVOLATILE BETA		1031+-16.7	pCi/l	Rad. Meas.
2	TOTAL RADIUM		16.30+-2.03	pCi/l	Rad. Meas.
2	TRITIUM		19600+-96.1	pCi/ml	HP, 735A
2	TRITIUM		21781+- 156	pCi/ml	Rad. Meas.

WELL HSB114C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/02/89 Time 1135
Depth to water = 39.98 ft (12.19 m) below the TOC
Water elevation = 223.82 ft (68.22 m) msl
pH = 4.7 Alkalinity = 0 mg/L
Specific Conductance = 620 umhos/cm
Water Temperature = 20.7 degrees Celsius
Water evacuated from the well prior to sampling = 116 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		565.0	UMHC	Env. Eng.
0	PH		5.11	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
2	ALUMINUM		590	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		91	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10	ug/l	Env. Eng.
1	CALCIUM		12600	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
1	CADMIUM		3	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.

CONTINUED

WELL HSB114C COLLECTED ON 02/02/89 LABORATORY ANALYSES CONTINUED

0	CHLORIDE		4700	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
1	COBALT		9	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		8	ug/l	Env. Eng.
1	CYANIDE		7	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		370	ug/l	Env. Eng.
0	IRON		31	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1070	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
1	TOLUENE		6	ug/l	Env. Eng.
1	MAGNESIUM		5600	ug/l	Env. Eng.
2	MANGANESE		386	ug/l	Env. Eng.
1	SODIUM		86900	ug/l	Env. Eng.
1	NICKEL		16	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		70300	ug/l	Env. Eng.
0	LEAD		8	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		8830	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFIDE	LT	1000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		416000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		6	ug/l	Env. Eng.
2	GROSS ALPHA		20.60+-8.50	pCi/l	HP, 735A
2	GROSS ALPHA		30.80+-6.74	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		115+-19.2	pCi/l	HP, 735A
2	NONVOLATILE BETA		198+-7.95	pCi/l	Rad. Meas.
2	TOTAL RADIUM		9.28+-1.59	pCi/l	Rad. Meas.
2	TRITIUM		16500+-87.6	pCi/ml	HP, 735A
2	TRITIUM		17907+- 146	pCi/ml	Rad. Meas.

WELL HSB114D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/02/89 Time 1215
Depth to water = 40.05 ft (12.21 m) below the TOC
Water elevation = 223.95 ft (68.26 m) msl
pH = 4.0 Alkalinity = 0 mg/L
Specific Conductance = 400 umhos/cm
Water Temperature = 22.4 degrees Celsius
Water evacuated from the well prior to sampling 45 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		352.0	UMHC	Env. Eng.
0	PH		4.09	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
2	ALUMINUM		6530	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		94	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		4200	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.

CONTINUED

WELL HSB114D COLLECTED ON 02/02/89 LABORATORY ANALYSES CONTINUED

0	CHLORIDE		5000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
1	COBALT		9	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		16	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
1	FLUORIDE		1180	ug/l	Env. Eng.
0	IRON		86	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1990	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		870	ug/l	Env. Eng.
2	MANGANESE		344	ug/l	Env. Eng.
1	SODIUM		34600	ug/l	Env. Eng.
1	NICKEL		14	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		39800	ug/l	Env. Eng.
0	LEAD		12	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		25200	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		204000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		93	ug/l	Env. Eng.
2	GROSS ALPHA		73.90+-14.1	pCi/l	HP, 735A
2	GROSS ALPHA		41.40+-6.32	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		1860+- 164	pCi/l	HP, 735A
2	NONVOLATILE BETA		2070+-23.4	pCi/l	Rad. Meas.
2	TOTAL RADIUM		24.40+-2.42	pCi/l	Rad. Meas.
2	TRITIUM		22200+- 102	pCi/ml	HP, 735A
2	TRITIUM		23500+- 169	pCi/ml	Rad. Meas.

WELL HSB115C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/12/89 Time 940
Depth to water = 45.13 ft (13.76 m) below the TOC
Water elevation = 224.17 ft (68.33 m) msl
pH = 11.1 Alkalinity = 71 mg/L
Specific Conductance = 790 umhos/cm
Water Temperature = 19.9 degrees Celsius
Water evacuated from the well prior to sampling = 18 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		653.0	UMHC	Env. Eng.
2	PH		10.5	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
2	ALUMINUM		1220	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		38	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10	ug/l	Env. Eng.
1	CALCIUM		25000	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		1420	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
1	COPPER		30	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		280	ug/l	Env. Eng.
0	FLUORIDE		280	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		2500	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		367	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.

CONTINUED

WELL HSB115C COLLECTED ON 02/12/89 LABORATORY ANALYSES CONTINUED

1	SODIUM		80500	ug/l	Env. Eng
0	NICKEL		7	ug/l	Env. Eng
2	NITRATE AS NITROGEN		52100	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		6480	ug/l	Env. Eng.
0	SULFATE		8800	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		428000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
1	VANADIUM		4	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		5	ug/l	Env. Eng.
1	GROSS ALPHA		10.20+-8.08	pCi/l	HP, 735A
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		58.50+-12.4	pCi/l	HP, 735A
2	NONVOLATILE BETA		92.20+-10.2	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.19+-0.57	pCi/l	Rad. Meas.
2	TRITIUM		24500+- 491	pCi/ml	HP, 735A
2	TRITIUM		27094+- 175	pCi/ml	Rad. Meas.

WELL HSB115D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/12/89 Time 1005
Depth to water = 44.37 ft (13.52 m) below the TOC
Water elevation = 224.73 ft (68.50 m) msl
pH = 6.0 Alkalinity = 13 mg/L
Specific Conductance = 355 umhos/cm
Water Temperature = 19.0 degrees Celsius
Water evacuated from the well prior to sampling = 3 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		324.0	UMHC	Env. Eng.
0	PH		5.90	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		40	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10	ug/l	Env. Eng.
0	CALCIUM		9100	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2990	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng
1	COBALT		6	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		16	ug/l	Env. Eng
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		150	ug/l	Env. Eng.
2	IRON		446	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		970	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		869	ug/l	Env. Eng.
2	MANGANESE		123	ug/l	Env. Eng.
1	SODIUM		54400	ug/l	Env. Eng
1	NICKEL		106	ug/l	Env. Eng
2	NITRATE AS NITROGEN		37800	ug/l	Env. Eng
2	NITRATE AS NITROGEN		37700	ug/l	Env. Eng
0	LEAD		8	ug/l	Env. Eng
0	PHENOLS	LT	5	ug/l	Env. Eng
0	ANTIMONY	LT	3	ug/l	Env. Eng
0	SELENIUM	LT	2	ug/l	Env. Eng
1	SILICA		10300	ug/l	Env. Eng
0	SULFATE	LT	5000	ug/l	Env. Eng
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		270000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1300	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		8	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		9	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		97	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		94	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.

CONTINUED

WELL HSB115D COLLECTED ON 02/12/89 LABORATORY ANALYSES CONTINUED

0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		8	ug/l	Env. Eng.
0	GROSS ALPHA		0.75+-2.78	pCi/l	HP, 735A
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		256+-24.3	pCi/l	HP, 735A
2	NONVOLATILE BETA		206+-7.78	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.79+-0.67	pCi/l	Rad. Meas.
2	TRITIUM		20700+- 415	pCi/ml	HP, 735A
2	TRITIUM		21849+- 165	pCi/ml	Rad. Meas.

WELL HSB116C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/02/89 Time 1300
Depth to water = 33.14 ft (10.10 m) below the TOC
Water elevation = 224.36 ft (68.39 m) msl
pH = 5.7 Alkalinity = 4 mg/L
Specific Conductance = 460 umhos/cm
Water Temperature = 20.8 degrees Celsius
Water evacuated from the well prior to sampling = 130 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		413.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		412.0	UMHC	Env. Eng.
0	PH		6.02	pH	Env. Eng.
0	PH		6.04	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM		38	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		63	ug/l	Env. Eng.
1	BARIUM		63	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		3310	ug/l	Env. Eng.
0	CALCIUM		3160	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3600	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
1	COBALT		33	ug/l	Env. Eng.
1	COBALT		33	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		6	ug/l	Env. Eng.
0	COPPER		4	ug/l	Env. Eng.
1	CYANIDE		6	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		260	ug/l	Env. Eng.
0	IRON		22	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1580	ug/l	Env. Eng.
0	POTASSIUM		1420	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		1040	ug/l	Env. Eng.
0	MAGNESIUM		1030	ug/l	Env. Eng.
2	MANGANESE		640	ug/l	Env. Eng.
2	MANGANESE		638	ug/l	Env. Eng.
1	SODIUM		67000	ug/l	Env. Eng.
1	SODIUM		69600	ug/l	Env. Eng.
1	NICKEL		9	ug/l	Env. Eng.
0	NICKEL		7	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		49800	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		7940	ug/l	Env. Eng.
0	SULFATE		5400	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		296000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.

CONTINUED

WELL HSB116C COLLECTED ON 02/02/89 LABORATORY ANALYSES CONTINUED

0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng
0	ZINC		12	ug/l	Env. Eng
1	GROSS ALPHA		6.06+-3.36	pCi/l	HP, 735A
2	GROSS ALPHA		15.50+-4.47	pCi/l	Rad. Meas
1	NONVOLATILE BETA		49.30+-8.82	pCi/l	HP, 735A
2	NONVOLATILE BETA		77.40+-4.97	pCi/l	Rad. Meas
1	TOTAL RADIUM		4.22+-1.07	pCi/l	Rad. Meas.
2	TRITIUM		2500+- 34	pCi/ml	HP, 735A
2	TRITIUM		26800+- 186	pCi/ml	Rad. Meas.

WELL HSB116D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/02/89 Time 1405
Depth to water = 30.96 ft (9.44 m) below the TOC
Water elevation = 225.84 ft (68.84 m) msl
pH = 4.2 Alkalinity = 0 mg/L
Specific Conductance = 330 umhos/cm
Water Temperature = 22.7 degrees Celsius
Water evacuated from the well prior to sampling = 46 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		294.0	UMHC	Env. Eng.
0	PH		4.12	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
2	ALUMINUM		6000	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		157	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		6490	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3100	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
1	COBALT		7	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env Eng
0	COPPER		9	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
1	FLUORIDE		880	ug/l	Env. Eng.
0	IRON		65	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		2140	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		2150	ug/l	Env. Eng.
2	MANGANESE		783	ug/l	Env. Eng.
1	SODIUM		30000	ug/l	Env. Eng.
1	NICKEL		20	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		34700	ug/l	Env. Eng
2	LEAD		36	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng
1	SILICA		20000	ug/l	Env. Eng
1	SILICA		20100	ug/l	Env. Eng
0	SULFATE	LT	5000	ug/l	Env. Eng
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng
0	TOTAL DISSOLVED SOLIDS		166000	ug/l	Env. Eng
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		34	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env Eng
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env Eng
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env Eng
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env Eng
0	ZINC		84	ug/l	Env Eng.
2	GROSS ALPHA		34.90+-8.30	pCi/l	HP, 735A
2	GROSS ALPHA		40.86+-4.56	pCi/	Rad. Meas
2	GROSS ALPHA		32.84+-3.91	pCi/l	Rad. Meas
2	NONVOLATILE BETA		1530+- 136	pCi/l	HP, 735A
2	NONVOLATILE BETA		4056+- 26	pCi/l	Rad. Meas
2	NONVOLATILE BETA		4272+-26.6	pCi/l	Rad. Meas.
2	TOTAL RADIUM		33.11+-2.74	pCi/l	Rad. Meas.
2	TOTAL RADIUM		28.61+-2.82	pCi/l	Rad. Meas.
2	TRITIUM		1670+-27.6	pCi/ml	HP, 735A
2	TRITIUM		17808+-78.9	pCi/ml	Rad. Meas
2	TRITIUM		17836+-79.8	pCi/ml	Rad. Meas

WELL HSB117A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/08/89 Time 1530
Depth to water = 71.96 ft (21.93 m) below the TOC
Water elevation = 164.34 ft (50.09 m) msl
pH = 6.9 Alkalinity = 58 mg/L
Specific Conductance = 145 umhos/cm
Water Temperature = 18.6 degrees Celsius
Water evacuated from the well prior to sampling = 224 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		141.0	UMHC	Env. Eng.
1	PH		6.50	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		44	ug/l	Env. Eng.
0	BARIUM		44	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		18200	ug/l	Env. Eng.
1	CALCIUM		19000	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3500	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		8	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		200	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		4650	ug/l	Env. Eng.
0	POTASSIUM		4580	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		1030	ug/l	Env. Eng.
0	MAGNESIUM		1080	ug/l	Env. Eng.
2	MANGANESE		170	ug/l	Env. Eng.
2	MANGANESE		166	ug/l	Env. Eng.
0	SODIUM		2670	ug/l	Env. Eng.
0	SODIUM		2910	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		28600	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		104000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		108000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		180	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		9	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		5.28+-1.10	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		4.27+-1.06	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.73+-0.42	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.61+-0.40	pCi/l	Rad. Meas.
0	TRITIUM		0.35+-0.22	pCi/ml	Rad. Meas.
0	TRITIUM		0.23+-0.22	pCi/ml	Rad. Meas.

WELL HSB117C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/08/89 Time 1510
Depth to water = 17.54 ft (5.35 m) below the TOC
Water elevation = 218.76 ft (66.68 m) msl
pH = 5.5 Alkalinity = 5 mg/L
Specific Conductance = 530 umhos/cm
Water Temperature = 17.8 degrees Celsius
Water evacuated from the well prior to sampling = 157 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		485.0	UMHC	Env. Eng.
0	PH		5.13	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
1	ALUMINUM		270	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		75	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		13000	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		4930	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
1	COPPER		31	ug/l	Env. Eng.
1	CYANIDE		9	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		270	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1110	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
1	MAGNESIUM		5540	ug/l	Env. Eng.
2	MANGANESE		98	ug/l	Env. Eng.
1	SODIUM		70200	ug/l	Env. Eng.
0	NICKEL		7	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		57900	ug/l	Env. Eng.
0	LEAD		9	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		8750	ug/l	Env. Eng.
0	SULFATE		5180	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		398000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
1	VANADIUM		3	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		27	ug/l	Env. Eng.
2	GROSS ALPHA		22.80+-10.5	pCi/l	HP, 735A
1	GROSS ALPHA		12.10+-3.82	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		121+-18.1	pCi/l	HP, 735A
2	NONVOLATILE BETA		180+-7.47	pCi/l	Rad. Meas.
2	TOTAL RADIUM		6.04+-1.18	pCi/l	Rad. Meas.
2	TRITIUM		9480+-65.2	pCi/ml	HP, 735A
2	TRITIUM		10343+- 115	pCi/ml	Rad. Meas.

WELL HSB117D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/04/89 Time 1505
Depth to water = 16.31 ft (4.97 m) below the TOC
Water elevation = 219.99 ft (67.05 m) msl
pH = 5.1 Alkalinity = 2 mg/L
Specific Conductance = 85 umhos/cm
Water Temperature = 17.8 degrees Celsius
Water evacuated from the well prior to sampling = 72 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		100.0	UMHC	Env. Eng.
0	PH		5.11	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM		37	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		12	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		1080	ug/l	Env. Eng.

CONTINUED

WELL HSB117D COLLECTED ON 02/04/89 LABORATORY ANALYSES CONTINUED

0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3200	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
1	COPPER		34	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		170	ug/l	Env. Eng.
0	IRON		28	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		803	ug/l	Env. Eng.
0	MANGANESE		7	ug/l	Env. Eng.
1	SODIUM		12900	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
1	NITRATE AS NITROGEN		7080	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		6290	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		56000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		6	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		69	ug/l	Env. Eng.
0	GROSS ALPHA		1.80+-0.91	pCi/l	HP, 735A
0	GROSS ALPHA		0.71+-0.60	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		18.00+-2.75	pCi/l	HP, 735A
1	NONVOLATILE BETA		24.10+-1.86	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
2	TRITIUM		1930+-9.44	pCi/ml	HP, 735A
2	TRITIUM		2056+-7.56	pCi/ml	Rad. Meas.

WELL HSB118A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/15/89 Time 1215
Depth to water = 81.64 ft (24.88 m) below the TOC
Water elevation = 165.66 ft (50.49 m) msl
pH = 7.1 Alkalinity = 52 mg/L
Specific Conductance = 167 umhos/cm
Water Temperature = 19.1 degrees Celsius
Water evacuated from the well prior to sampling = 210 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		179.0	UMHC	Env. Eng.
1	PH		7.00	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		73	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		22600	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3800	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		16	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		150	ug/l	Env. Eng.

CONTINUED

WELL HSB118A COLLECTED ON 01/15/89 LABORATORY ANALYSES CONTINUED

0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		3830	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		764	ug/l	Env. Eng.
2	MANGANESE		73	ug/l	Env. Eng.
0	SODIUM		2970	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	LEAD		6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		30800	ug/l	Env. Eng.
0	SULFATE		9200	ug/l	Env. Eng.
0	SULFIDE	LT	1000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		130000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		240	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		240	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		14	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	GROSS ALPHA		2.79+-1.63	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		3.13+-1.15	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		3.36+-1.15	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM	LT	0.70	pCi/ml	Rad. Meas.
0	TRITIUM		0.39+-0.21	pCi/ml	Rad. Meas.

WELL HSB119A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/07/89 Time 1310
Depth to water = 91.86 ft (28.00 m) below the TOC
Water elevation = 165.24 ft (50.37 m) msl
pH = 9.4 Alkalinity = 73 mg/L
Specific Conductance = 175 umhos/cm
Water Temperature = 20.1 degrees Celsius
Water evacuated from the well prior to sampling = 203 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		167.0	UMHC	Env. Eng.
2	PH		8.90	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM		49	ug/l	Env. Eng.
1	ARSENIC		6	ug/l	Env. Eng.
0	BARIUM		30	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		25800	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2610	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		10	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		240	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
1	POTASSIUM		11300	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		213	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
1	SODIUM		10500	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1730	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		31800	ug/l	Env. Eng.
0	SULFATE		5900	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.

CONTINUED

WELL HS8119A COLLECTED ON 02/07/89 LABORATORY ANALYSES CONTINUED

0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		170000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		229	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
1	VANADIUM		4	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC	LT	2	ug/l	Env. Eng.
0	ZINC		5	ug/l	Env. Eng.
0	GROSS ALPHA		0.70+-1.62	pCi/l	HP, 735A
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		23.50+-2.94	pCi/l	HP, 735A
1	NONVOLATILE BETA		15.70+-1.70	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.60+-0.53	pCi/l	Rad. Meas.
2	TRITIUM		145+-2.60	pCi/ml	HP, 735A
2	TRITIUM		158+-2.18	pCi/ml	Rad. Meas.

WELL HS8120A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/15/89 Time 1315
Depth to water = 103.64 ft (31.59 m) below the TOC
Water elevation = 164.56 ft (50.16 m) msl
pH = 9.1 Alkalinity = 84 mg/L
Specific Conductance = 230 umhos/cm
Water Temperature = 19.3 degrees Celsius
Water evacuated from the well prior to sampling = 208 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		235.0	UMHC	Env. Eng.
2	PH		8.81	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
1	ARSENIC		6	ug/l	Env. Eng.
0	BARIUM		30	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		32200	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2800	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		11	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		4950	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		474	ug/l	Env. Eng.
0	MANGANESE		5	ug/l	Env. Eng
1	SODIUM		8100	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		34400	ug/l	Env. Eng.
0	SULFATE		9500	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		180000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		9	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		120	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
1	VANADIUM		2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		4	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		3.74+-1.61	pCi/l	Rad. Meas.

CONTINUED

WELL HS8120A COLLECTED ON 01/15/89 LABORATORY ANALYSES CONTINUED

0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM	LT	0.70	pCi/ml	Rad. Meas.

WELL HS8121A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/15/89 Time 1405
Depth to water = 104.85 ft (31.96 m) below the TOC
Water elevation = 169.75 ft (51.74 m) msl
pH = 8.4 Alkalinity = 88 mg/L
Specific Conductance = 255 umhos/cm
Water Temperature = 18.9 degrees Celsius
Water evacuated from the well prior to sampling = 228 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		255.0	UMHC	Env. Eng.
1	PH		7.85	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
1	ARSENIC		3	ug/l	Env. Eng.
0	BARIUM		44	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		38700	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2800	ug/l	Env. Eng.
0	CHLORIDE		2800	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
1	COPPER		28	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		38	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
1	POTASSIUM		6880	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		808	ug/l	Env. Eng.
0	MANGANESE		11	ug/l	Env. Eng.
1	SODIUM		5370	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		45400	ug/l	Env. Eng.
1	SULFATE		12000	ug/l	Env. Eng.
1	SULFATE		12300	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		190000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		18	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		22	ug/l	Env. Eng
0	TOTAL PHOSPHATES		120	ug/l	Env. Eng
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng

CONTINUED

WELL HSB121A COLLECTED ON 01/15/89 LABORATORY ANALYSES CONTINUED

0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		40	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		6.48+-1.54	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		0.28+-0.20	pCi/ml	Rad. Meas.

WELL HSB122A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/17/89 Time 1325
Depth to water = 102.02 ft (31.10 m) below the TOC
Water elevation = 169.58 ft (51.69 m) msl
pH = 7.4 Alkalinity = 99 mg/L
Specific Conductance = 240 umhos/cm
Water Temperature = 19.1 degrees Celsius
Water evacuated from the well prior to sampling = 229 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		229.0	UMHC	Env. Eng.
1	PH		7.11	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		27	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		44100	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		12	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		110	ug/l	Env. Eng.
0	IRON		42	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1390	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		744	ug/l	Env. Eng.
0	MANGANESE		16	ug/l	Env. Eng.
0	SODIUM		3550	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	LEAD		7	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		39000	ug/l	Env. Eng.
1	SULFATE		12700	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		128000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		140000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		170	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		18	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM	LT	0.70	pCi/ml	Rad. Meas.

WELL HSB123A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/17/89 Time 1625
Depth to water = 94.95 ft (28.94 m) below the TOC
Water elevation = 169.55 ft (51.68 m) msl
pH = 8.5 Alkalinity = 84 mg/L
Specific Conductance = 220 umhos/cm
Water Temperature = 19.0 degrees Celsius
Water evacuated from the well prior to sampling = 217 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		210.0	UMHC	Env. Eng.
2	PH		8.06	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM		22	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		52	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		32500	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	ACETONITRILE (METHYL CYANIDE)	LT	12	ug/l	Env. Eng.
0	CHLORIDE		4000	ug/l	Env. Eng.
0	CHLORIDE		4000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		10	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
1	BENZENE		7	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		110	ug/l	Env. Eng.
0	FLUORIDE		110	ug/l	Env. Eng
0	IRON		38	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
1	POTASSIUM		5470	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		665	ug/l	Env. Eng.
0	MANGANESE		5	ug/l	Env. Eng.
1	SODIUM		6870	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		39000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		204000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		190	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		30	ug/l	Env. Eng
0	GROSS ALPHA		2.31+-1.57	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		6.95+-1.51	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM	LT	0.70	pCi/ml	Rad. Meas.

WELL HSB124A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/05/89 Time 915
Depth to water = 74.35 ft (22.66 m) below the TOC
Water elevation = 191.85 ft (58.48 m) msl
pH = 11.5 Alkalinity = 173 mg/L
Specific Conductance = 760 umhos/cm
Water Temperature = 18.8 degrees Celsius
Water evacuated from the well prior to sampling = 46 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		613.0	UMHC	Env. Eng.
2	PH		10.8	pH	Env. Eng
0	SILVER	LT	2	ug/l	Env. Eng
2	ALUMINUM		403	ug/l	Env. Eng

CONTINUED

WELL HSB124A COLLECTED ON 02/05/89 LABORATORY ANALYSES CONTINUED

2	ALUMINUM		431	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		119	ug/l	Env. Eng.
1	BARIUM		123	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		59000	ug/l	Env. Eng.
1	CALCIUM		56000	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2000	ug/l	Env. Eng.
0	CHLORIDE		2100	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CARBON DISULFIDE	LT	5	ug/l	Env. Eng.
0	COPPER		20	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		200	ug/l	Env. Eng.
0	IRON		37	ug/l	Env. Eng.
0	IRON		28	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
1	POTASSIUM		16800	ug/l	Env. Eng.
1	POTASSIUM		15700	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		191	ug/l	Env. Eng.
0	MAGNESIUM		177	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
1	SODIUM		8140	ug/l	Env. Eng.
1	SODIUM		7540	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		69	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		26000	ug/l	Env. Eng.
1	SULFATE		11100	ug/l	Env. Eng.
1	SULFATE		11200	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		208000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		68	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		10	ug/l	Env. Eng.
0	GROSS ALPHA		3.59+-1.09	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		29.37+-1.65	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.03+-0.47	pCi/l	Rad. Meas.
0	TRITIUM	LT	1	pCi/ml	Rad. Meas.

WELL HSB125C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/04/89 Time 1110
Depth to water = 9.67 ft (2.95 m) below the TOC
Water elevation = 222.23 ft (67.74 m) msl
pH = 6.4 Alkalinity = 35 mg/L
Specific Conductance = 84 umhos/cm
Water Temperature = 18.9 degrees Celsius
Water evacuated from the well prior to sampling = 214 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		89.00	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		84.80	UMHC	Env. Eng.
0	PH		6.16	pH	Env. Eng.
0	PH		6.16	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		7	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		12000	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.

CONTINUED

WELL HSB125C COLLECTED ON 02/04/89 LABORATORY ANALYSES CONTINUED

0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		4500	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		10	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	[illegible]	ug/l	Env. Eng.
0	FLUORIDE		250	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		755	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		1160	ug/l	Env. Eng.
0	MANGANESE		4	ug/l	Env. Eng.
0	SODIUM		2550	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		118	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		120	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		12200	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		54000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		174	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		34	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		3.93+-0.28	pCi/ml	Rad. Meas.

WELL HSB125D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/04/89 Time 1025
Depth to water = 10.07 ft (3.07 m) below the TOC
Water elevation = 221.63 ft (67.55 m) msl
pH = 5.3 Alkalinity = 5 mg/L
Specific Conductance = 460 umhos/cm
Water Temperature = 18.0 degrees Celsius
Water evacuated from the well prior to sampling = 73 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		206.0	UMHC	Env. Eng.
0	PH		5.11	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
1	ALUMINUM		106	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		22	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		617	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		4600	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.

CONTINUED

WELL HSB125D COLLECTED ON 02/04/89 LABORATORY ANALYSES CONTINUED

0	COPPER	LT	4	ug/l	Env. Eng.
1	CYANIDE		7	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	1.00	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		340	ug/l	Env. Eng.
0	IRON		21	ug/l	Env. Eng.
0	MERCURY		0.38	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		816	ug/l	Env. Eng.
2	MANGANESE		165	ug/l	Env. Eng.
1	SODIUM		77000	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		46000	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env Eng.
1	SILICA		6780	ug/l	Env. Eng.
1	SILICA		6770	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		152000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1500	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		8	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		146	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		11	ug/l	Env. Eng.
0	GROSS ALPHA		3.09+-2.62	pCi/l	HP, 735A
0	GROSS ALPHA		3.72+-3.21	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		46.80+-8.63	pCi/l	HP, 735A
2	NONVOLATILE BETA		67.60+-4.73	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.16+-0.67	pCi/l	Rad. Meas.
2	TRITIUM		9500+-66.5	pCi/ml	HP, 735A
2	TRITIUM		7980+-98.2	pCi/ml	Rad. Meas.

WELL HSB126C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/07/89 Time 1520
Depth to water = 9.58 ft (2.92 m) below the TOC
Water elevation = 203.02 ft (61.88 m) msl
pH = 7.8 Alkalinity = 85 mg/L
Specific Conductance = 220 umhos/cm
Water Temperature = 17.4 degrees Celsius
Water evacuated from the well prior to sampling = 78 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		195.0	UMHO	Env. Eng.
1	PH		7.67	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM		52	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		20	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		29100	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2780	ug/l	Env. Eng.

CONTINUED

WELL HSB126C COLLECTED ON 02/07/89 LABORATORY ANALYSES CONTINUED

0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		11	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		190	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		777	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		1190	ug/l	Env. Eng.
0	MANGANESE		9	ug/l	Env. Eng.
1	SODIUM		9200	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
1	NITRATE AS NITROGEN		3480	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		26200	ug/l	Env. Eng.
1	SILICA		26600	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		198000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1300	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		19	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		117	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		6	ug/l	Env. Eng.
0	GROSS ALPHA		-0.01+-0.63	pCi/l	HP, 735A
0	GROSS ALPHA		1.32+-1.03	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		3.02+-1.10	pCi/l	HP, 735A
0	NONVOLATILE BETA		4.21+-1.31	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
2	TRITIUM		260+-3.49	pCi/ml	HP, 735A
2	TRITIUM		270+-2.67	pCi/ml	Rad. Meas.

WELL HSB126D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/05/89 Time 945
Depth to water = 8.17 ft (2.49 m) below the TOC
Water elevation = 204.53 ft (62.34 m) msl
pH = 4.7 Alkalinity = 0 mg/L
Specific Conductance = 520 umhos/cm
Water Temperature = 15.2 degrees Celsius
Water evacuated from the well prior to sampling = 8 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		456.0	UMHO	Env. Eng.
0	PH		4.87	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
2	ALUMINUM		503	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		128	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		10200	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		4300	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
1	COBALT		4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		11	ug/l	Env. Eng.
1	CYANIDE		6	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	1.00	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		300	ug/l	Env. Eng.
0	IRON		48	ug/l	Env. Eng.
2	MERCURY		2.78	ug/l	Env. Eng.
0	POTASSIUM		950	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		4850	ug/l	Env. Eng.
2	MANGANESE		58	ug/l	Env. Eng.
1	SODIUM		75000	ug/l	Env. Eng.

CONTINUED

WELL HSB126D COLLECTED ON 02/05/89 LABORATORY ANALYSES CONTINUED

0	NICKEL		6	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		55800	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		7960	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		336000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		2800	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		11	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		27	ug/l	Env. Eng.
0	GROSS ALPHA		-1.07+-1.70	pCi/l	HP, 735A
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		16.40+-8.18	pCi/l	HP, 735A
1	NONVOLATILE BETA		26.10+-3.29	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.85+-0.77	pCi/l	Rad. Meas.
2	TRITIUM		3140+-38.1	pCi/ml	HP, 735A
2	TRITIUM		3300+-62.4	pCi/ml	Rad. Meas.

WELL HSB127C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/05/89 Time 1135
Depth to water = 16.23 ft (4.95 m) below the TOC
Water elevation = 209.47 ft (63.85 m) msl
pH = 8.6 Alkalinity = 72 mg/L
Specific Conductance = 270 umhos/cm
Water Temperature = 18.3 degrees Celsius
Water evacuated from the well prior to sampling = 32 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		234.0	UMHC	Env. Eng.
1	PH		7.73	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
1	ALUMINUM		178	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		39	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		28200	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3200	ug/l	Env. Eng.
0	CHLORIDE		3500	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		12	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		190	ug/l	Env. Eng.
0	IRON		28	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
1	POTASSIUM		14900	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		1360	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
1	SODIUM		12000	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
1	NITRATE AS NITROGEN		9790	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		11700	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		160000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		152000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		2300	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		124	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.

CONTINUED

WELL HSB127C COLLECTED ON 02/05/89 LABORATORY ANALYSES CONTINUED

0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		9	ug/l	Env. Eng.
0	GROSS ALPHA		0.45+-0.90	pCi/l	HP, 735A
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		40.40+-5.94	pCi/l	HP, 735A
1	NONVOLATILE BETA		35.20+-2.78	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
2	TRITIUM		1250+-7.64	pCi/ml	HP, 735A
2	TRITIUM		1204+-5.73	pCi/ml	Rad. Meas.

WELL HSB127D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/07/89 Time 1345
Depth to water = 7.95 ft (2.42 m) below the TOC
Water elevation = 218.15 ft (66.49 m) msl
pH = 4.7 Alkalinity = 0 mg/L
Specific Conductance = 290 umhos/cm
Water Temperature = 18.7 degrees Celsius
Water evacuated from the well prior to sampling = 70 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		234.0	UMHC	Env. Eng.
0	PH		4.41	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
1	ALUMINUM		88	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		19	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		1420	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2340	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		6	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		170	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		787	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		1160	ug/l	Env. Eng.
2	MANGANESE		208	ug/l	Env. Eng.
1	SODIUM		44400	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		29500	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		7300	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		198000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		19	ug/l	Env. Eng.
1	GROSS ALPHA		6.83+-3.11	pCi/l	HP, 735A
1	GROSS ALPHA		10.60+-2.63	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		41.90+-5.63	pCi/l	HP, 735A
2	NONVOLATILE BETA		60.70+-3.44	pCi/l	Rad. Meas.
1	TOTAL RADIUM		3.26+-0.94	pCi/l	Rad. Meas.
2	TRITIUM		17000+-87.7	pCi/ml	HP, 735A
2	TRITIUM		17939+- 148	pCi/ml	Rad. Meas.

WELL HS8129C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/11/89 Time 1040
Depth to water = 10.19 ft (3.11 m) below the TOC
Water elevation = 204.91 ft (62.46 m) msl
pH = 5.6 Alkalinity = 2 mg/L
Specific Conductance = 161 umhos/cm
Water Temperature = 17.7 degrees Celsius
Water evacuated from the well prior to sampling = 163 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		160.0	UMHC	Env. Eng.
0	PH		5.30	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM		35	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		44	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		10700	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3870	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
1	COPPER		26	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		250	ug/l	Env. Eng.
0	IRON		21	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1450	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		2740	ug/l	Env. Eng.
2	MANGANESE		52	ug/l	Env. Eng.
1	SODIUM		7950	ug/l	Env. Eng.
0	NICKEL		5	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		15300	ug/l	Env. Eng.
0	LEAD		7	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		9400	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		136000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		252	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		40	ug/l	Env. Eng.
0	GROSS ALPHA		1.37+-1.30	pCi/l	HP, 735A
0	GROSS ALPHA		1.23+-0.81	pCi/l	Rad. Meas.
0	GROSS ALPHA		1.15+-0.75	pCi/l	Rad. Meas.

CONTINUED

WELL HS8129C COLLECTED ON 02/11/89 LABORATORY ANALYSES CONTINUED

1	NONVOLATILE BETA	43.40+-4.88	pCi/l	HP, 735A
2	NONVOLATILE BETA	75.80+-3.14	pCi/l	Rad. Meas.
2	NONVOLATILE BETA	77.00+-3.16	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT 1	pCi/l	Rad. Meas.
0	TOTAL RADIUM	0.74+-0.49	pCi/l	Rad. Meas.
2	TRITIUM	2000+-40.2	pCi/ml	HP, 735A
2	TRITIUM	2107+-45.4	pCi/ml	Rad. Meas.
2	TRITIUM	2101+-45.2	pCi/ml	Rad. Meas.

WELL HS8129D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/11/89 Time 935
Depth to water = 6.60 ft (2.01 m) below the TOC
Water elevation = 208.10 ft (63.43 m) msl
pH = 4.8 Alkalinity = 0 mg/L
Specific Conductance = 480 umhos/cm
Water Temperature = 15.7 degrees Celsius
Water evacuated from the well prior to sampling = 75 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		416.0	UMHC	Env. Eng.
0	PH		4.46	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
1	ALUMINUM		215	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		48	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		3100	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		4900	ug/l	Env. Eng.
0	CHLORIDE		4990	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		10	ug/l	Env. Eng.
1	CYANIDE		5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		210	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		587	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		3290	ug/l	Env. Eng.
0	MANGANESE		22	ug/l	Env. Eng.
1	SODIUM		73800	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		51300	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		6620	ug/l	Env. Eng.
1	SILICA		6640	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		326000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1200	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1300	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		7	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		14	ug/l	Env. Eng.
1	GROSS ALPHA		10.90+-5.94	pCi/l	HP, 735A
1	GROSS ALPHA		6.45+-2.72	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		107+-12.8	pCi/l	HP, 735A
2	NONVOLATILE BETA		140+-6.58	pCi/l	Rad. Meas.
1	TOTAL RADIUM		2.81+-0.78	pCi/l	Rad. Meas.
2	TRITIUM		1120+-22.5	pCi/ml	HP, 735A
2	TRITIUM		13282+- 126	pCi/ml	Rad. Meas.

WELL HSB130C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/08/89 Time 1225
Depth to water = 19.48 ft (5.94 m) below the TOC
Water elevation = 198.82 ft (60.60 m) msl
pH = 7.9 Alkalinity = 78 mg/L
Specific Conductance = 171 umhos/cm
Water Temperature = 17.5 degrees Celsius
Water evacuated from the well prior to sampling = 118 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		160.0	UMHC	Env. Eng.
1	PH		7.44	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM		69	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		23	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		23900	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3400	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		9	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		130	ug/l	Env. Eng.
0	IRON		25	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		939	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		711	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		4540	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		271	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		14300	ug/l	Env. Eng.
1	SILICA		14100	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		106000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		94	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		8	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.33+-0.80	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		1.54+-0.23	pCi/ml	Rad. Meas.

WELL HSB130D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/17/89 Time 1455
Depth to water = 19.39 ft (5.91 m) below the TOC
Water elevation = 199.21 ft (60.72 m) msl
pH = 6.5 Alkalinity = 25 mg/L
Specific Conductance = 69 umhos/cm
Water Temperature = 19.3 degrees Celsius
Water evacuated from the well prior to sampling = 59 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		74.80	UMHC	Env. Eng.
1	PH		6.94	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		8	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		11500	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.

CONTINUED

WELL HSB130D COLLECTED ON 01/17/89 LABORATORY ANALYSES CONTINUED

0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		5	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE		8	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		120	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		450	ug/l	Env. Eng.
0	MANGANESE		3	ug/l	Env. Eng.
0	SODIUM		1530	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		500	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		8220	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		42000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		9	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		240	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		10	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		6.27+-0.32	pCi/ml	Rad. Meas.

WELL HSB131C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/08/89 Time 1110
Depth to water = 9.02 ft (2.75 m) below the TOC
Water elevation = 202.68 ft (61.78 m) msl
pH = 7.9 Alkalinity = 93 mg/L
Specific Conductance = 240 umhos/cm
Water Temperature = 17.7 degrees Celsius
Water evacuated from the well prior to sampling = 156 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		227.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		220.0	UMHC	Env. Eng.
1	PH		6.89	pH	Env. Eng.
1	PH		7.02	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		23	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		39200	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2700	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		19	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		120	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1140	ug/l	Env. Eng.

CONTINUED

WELL HSB131C COLLECTED ON 02/08/89 LABORATORY ANALYSES CONTINUED

0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		630	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		3120	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
1	NITRATE AS NITROGEN		3100	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		16000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		178000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1200	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		8	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		23	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		9	ug/l	Env. Eng.
0	GROSS ALPHA		0.19+-0.79	pCi/l	HP, 735A
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.03+-0.85	pCi/l	HP, 735A
0	NONVOLATILE BETA		2.41+-1.33	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
2	TRITIUM		188+-2.95	pCi/ml	HP, 735A
2	TRITIUM		209+-2.43	pCi/ml	Rad. Meas.

WELL HSB131D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/08/89 Time 1130
Depth to water = 8.45 ft (2.58 m) below the TOC
Water elevation = 203.65 ft (62.07 m) msl
pH = 5.2 Alkalinity = 1 mg/L
Specific Conductance = 31 umhos/cm
Water Temperature = 15.6 degrees Celsius
Water evacuated from the well prior to sampling = 35 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		32.50	UMHC	Env. Eng.
0	PH		4.61	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		19	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		2910	ug/l	Env. Eng
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		1900	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		5	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		120	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng
0	POTASSIUM		620	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng
0	MAGNESIUM		891	ug/l	Env. Eng.
0	MANGANESE		15	ug/l	Env. Eng.
0	SODIUM		1400	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		337	ug/l	Env. Eng.
2	LEAD		35	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		5550	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		14000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		45	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		75	ug/l	Env. Eng.

CONTINUED

WELL HSB131D COLLECTED ON 02/08/89 LABORATORY ANALYSES CONTINUED

0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		20	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.49+-0.38	pCi/l	Rad. Meas
1	TRITIUM		11.10+-0.36	pCi/ml	Rad. Meas.

WELL HSB132C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/13/89 Time 1515
Depth to water = 18.12 ft (5.52 m) below the TOC
Water elevation = 222.38 ft (67.78 m) msl
pH = 5.6 Alkalinity = 6 mg/L
Specific Conductance = 66 umhos/cm
Water Temperature = 19.2 degrees Celsius
Water evacuated from the well prior to sampling = 155 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		62.00	UMHC	Env. Lab
0	SPECIFIC CONDUCTANCE		60.90	UMHC	W. A.
0	SPECIFIC CONDUCTANCE		62.90	UMHC	Env. Eng.
0	PH		5.50	pH	Env. Lab
0	PH		5.60	pH	W. A
0	PH		4.91	pH	Env. Eng.
0	SILVER	LT	10	ug/l	Env. Lab
0	SILVER	LT	10	ug/l	W. A
0	SILVER	LT	2	ug/l	Env. Eng
0	ALUMINUM	LT	400	ug/l	Env. Lab.
0	ALUMINUM	LT	200	ug/l	W. A.
0	ALUMINUM		39	ug/l	Env. Eng
0	ARSENIC	LT	5	ug/l	Env. Lab
0	ARSENIC	LT	10	ug/l	W. A.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	100	ug/l	Env. Lab.
0	BARIUM	LT	200	ug/l	W. A.
0	BARIUM		7	ug/l	Env. Eng.
0	BERYLLIUM	LT	5	ug/l	W. A.
0	BROMODICHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	BROMODICHLOROMETHANE	LT	5	ug/l	W. A.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		1100	ug/l	Env. Lab.
0	CALCIUM	LT	5000	ug/l	W. A.
0	CALCIUM		1350	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	1	ug/l	Env. Lab.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	W. A.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Lab
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	W. A.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng
0	CADMIUM	LT	10	ug/l	Env. Lab
0	CADMIUM	LT	5	ug/l	W. A
0	CADMIUM	LT	2	ug/l	Env. Eng
0	BROMOFORM	LT	1	ug/l	Env. Lab
0	BROMOFORM	LT	5	ug/l	W. A
0	BROMOFORM	LT	10	ug/l	Env. Eng
0	CHLOROFORM	LT	1	ug/l	Env. Lab
0	CHLOROFORM	LT	5	ug/l	W. A
0	CHLOROFORM	LT	5	ug/l	Env. Eng
0	METHYLENE CHLORIDE	LT	1	ug/l	Env. Lab.
0	METHYLENE CHLORIDE	LT	5	ug/l	W. A
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng
0	BROMOMETHANE	LT	1	ug/l	Env. Lab
0	BROMOMETHANE	LT	10	ug/l	W. A
0	BROMOMETHANE	LT	10	ug/l	Env. Eng
0	CHLOROMETHANE	LT	1	ug/l	Env. Lab
0	CHLOROMETHANE	LT	10	ug/l	W. A
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng
0	CHLORIDE		3000	ug/l	Env. Lab
0	CHLORIDE	LT	5000	ug/l	W. A
0	CHLORIDE		3000	ug/l	Env. Eng
0	CHLOROBENZENE	LT	1	ug/l	Env. Lab
0	CHLOROBENZENE	LT	5	ug/l	W. A
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng
0	COBALT	LT	50	ug/l	Env. Lab
0	COBALT	LT	50	ug/l	W. A
0	COBALT	LT	4	ug/l	Env. Eng
0	CHROMIUM	LT	50	ug/l	Env. Lab
0	CHROMIUM	LT	10	ug/l	W. A
0	CHROMIUM	LT	4	ug/l	Env. Eng
0	COPPER	LT	20	ug/l	Env. Lab
0	COPPER	LT	25	ug/l	W. A
0	COPPER	LT	4	ug/l	Env. Eng
0	CYANIDE	LT	20	ug/l	Env. Lab
0	CYANIDE	LT	10	ug/l	W. A
0	CYANIDE	LT	5	ug/l	Env. Eng
0	CHLOROETHENE	LT	1	ug/l	Env. Lab
0	CHLOROETHENE	LT	10	ug/l	W. A.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng
0	CHLOROETHANE	LT	1	ug/l	Env. Lab
0	CHLOROETHANE	LT	10	ug/l	W. A
0	CHLOROETHANE	LT	10	ug/l	Env. Eng
0	BENZENE	LT	1	ug/l	Env. Lab

CONTINUED

WELL HSB132C COLLECTED ON 03/13/89 LABORATORY ANALYSES CONTINUED

0	BENZENE	LT	5	ug/l	W. A.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	W. A.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.05	ug/l	Env. Lab.
0	ENDRIN	LT	0.10	ug/l	W. A.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	1	ug/l	Env. Lab.
0	ETHYLBENZENE	LT	5	ug/l	W. A.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Lab.
0	FLUORIDE	LT	100	ug/l	W. A.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
2	IRON		450	ug/l	Env. Lab.
2	IRON		452	ug/l	W. A.
2	IRON		388	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Lab.
0	MERCURY	LT	0.20	ug/l	W. A.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1000	ug/l	Env. Lab.
0	POTASSIUM	LT	5000	ug/l	W. A.
0	POTASSIUM		1630	ug/l	Env. Eng.
0	LITHIUM	LT	50	ug/l	W. A.
0	LINDANE	LT	0.05	ug/l	W. A.
0	TOLUENE	LT	1	ug/l	Env. Lab.
0	TOLUENE	LT	5	ug/l	W. A.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	W. A.
0	METHOXYCHLOR	LT	0.52	ug/l	W. A.
0	MAGNESIUM		300	ug/l	Env. Lab.
0	MAGNESIUM	LT	5000	ug/l	W. A.
0	MAGNESIUM		271	ug/l	Env. Eng.
1	MANGANESE		40	ug/l	Env. Lab.
0	MANGANESE		24	ug/l	W. A.
1	MANGANESE		26	ug/l	Env. Eng.
1	SODIUM		10000	ug/l	Env. Lab.
1	SODIUM		12300	ug/l	W. A.
1	SODIUM		9840	ug/l	Env. Eng.
0	NICKEL	LT	50	ug/l	Env. Lab.
0	NICKEL	LT	40	ug/l	W. A.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		300	ug/l	Env. Lab.
0	NITRATE AS NITROGEN		180	ug/l	W. A.
0	NITRATE AS NITROGEN		211	ug/l	Env. Eng.
0	LEAD	LT	100	ug/l	Env. Lab.
0	LEAD		6	ug/l	W. A.
0	LEAD		9	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Lab.
0	PHENOLS	LT	5	ug/l	W. A.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	200	ug/l	Env. Lab.
0	ANTIMONY	LT	60	ug/l	W. A.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	10	ug/l	Env. Lab.
0	SELENIUM	LT	5	ug/l	W. A.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		8850	ug/l	Env. Lab.
1	SILICA		3930	ug/l	W. A.
1	SILICA		8590	ug/l	Env. Eng.
0	TIN	LT	100	ug/l	W. A.
1	SULFATE		17000	ug/l	Env. Lab.
1	SULFATE		15000	ug/l	W. A.
1	SULFATE		15700	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,2,2-TETRACHLOROETHANE	LT	5	ug/l	W. A.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Lab.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	W. A.
2	TETRACHLOROETHYLENE		204	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		78000	ug/l	Env. Lab.
0	TOTAL DISSOLVED SOLIDS		49000	ug/l	W. A.
0	TOTAL DISSOLVED SOLIDS		44000	ug/l	Env. Eng.
0	THALLIUM	LT	10	ug/l	W. A.
0	TOTAL ORGANIC CARBON	LT	5000	ug/l	Env. Lab.
0	TOTAL ORGANIC CARBON	LT	500	ug/l	W. A.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	10	ug/l	Env. Lab.
0	TOTAL ORGANIC HALOGENS	LT	20	ug/l	W. A.
1	TOTAL ORGANIC HALOGENS		20	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		100	ug/l	Env. Lab.
0	TOTAL PHOSPHATES		110	ug/l	W. A.
0	TOTAL PHOSPHATES		133	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Lab.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	W. A.
2	TRICHLOROETHYLENE		81.0	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	W. A.
0	TOXAPHENE	LT	1	ug/l	W. A.
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	Env. Lab.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	W. A.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	URANIUM	LT	1000	ug/l	W. A.
0	VANADIUM	LT	1000	ug/l	Env. Lab.
0	VANADIUM	LT	50	ug/l	W. A.
1	VANADIUM		2	ug/l	Env. Eng.
0	XYLENES	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	W. A.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHANE	LT	5	ug/l	W. A.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	W. A.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	W. A.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.

CONTINUED

WELL HSB132C COLLECTED ON 03/13/89 LABORATORY ANALYSES CONTINUED

0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Lab
0	1,2-DICHLOROETHANE	LT	5	ug/l	W. A.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng
0	1,2-DICHLOROPROPANE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROPROPANE	LT	5	ug/l	W. A.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	1,3-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	CIS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	W. A.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	W. A.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	1,4-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	2-CHLOROETHYLVINYL ETHER	LT	1	ug/l	Env. Lab.
0	2-CHLOROETHYLVINYL ETHER	LT	5	ug/l	W. A.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		30	ug/l	Env. Lab.
0	ZINC	LT	20	ug/l	W. A.
0	ZINC		47	ug/l	Env. Eng.
0	GROSS ALPHA	LT	0.68	pCi/l	Env. Lab.
0	GROSS ALPHA		0.00+-5.00	pCi/l	W. A.
0	GROSS ALPHA		0.69+-0.54	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	1	pCi/l	Env. Lab.
0	NONVOLATILE BETA		0.00+-2.00	pCi/l	W. A.
0	NONVOLATILE BETA		2.50+-0.91	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	0.50	pCi/l	Env. Lab
0	TOTAL RADIUM		0.00+-0.30	pCi/l	W. A
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas
0	TRITIUM	LT	1	pCi/ml	Env. Lab.
0	TRITIUM		0.00+-0.60	pCi/ml	W. A.
0	TRITIUM		0.23+-0.21	pCi/ml	Rad. Meas.

WELL HSB132C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/13/89 Time 1515
Depth to water = 18.12 ft (5.52 m) below the TOC
Water elevation = 222.38 ft (67.78 m) msl
pH = 5.6 Alkalinity = 6 mg/L
Specific Conductance = 66 umhos/cm
Water Temperature = 19.2 degrees Celsius
Water evacuated from the well prior to sampling = 155 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		63.20	UMHC	Env. Eng
0	PH		5.28	pH	Env. Eng
0	SILVER	LT	2	ug/l	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM		36	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		7	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		937	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng
0	BROMOMETHANE	LT	10	ug/l	Env. Eng
0	BROMOMETHANE	LT	10	ug/l	Env. Eng
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng
0	CHLORIDE		3000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng
0	COBALT	LT	4	ug/l	Env. Eng
0	CHROMIUM	LT	4	ug/l	Env Eng
0	COPPER	LT	4	ug/l	Env. Eng
0	CYANIDE	LT	5	ug/l	Env. Eng
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng
0	BENZENE	LT	5	ug/l	Env. Eng
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng
0	FLUORIDE		120	ug/l	Env. Eng.
2	IRON		451	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng
0	POTASSIUM		1880	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		273	ug/l	Env. Eng
1	MANGANESE		26	ug/l	Env. Eng.
1	SODIUM		9440	ug/l	Env Eng
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		201	ug/l	Env. Eng
0	LEAD		12	ug/l	Env. Eng
0	PHENOLS	LT	5	ug/l	Env. Eng
0	ANTIMONY	LT	3	ug/l	Env. Eng

CONTINUED

WELL HSB132C COLLECTED ON 03/13/89 LABORATORY ANALYSES CONTINUED

0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		9090	ug/l	Env. Eng.
1	SULFATE		15700	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		48000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		12	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		13	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		133	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		40	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.70+-0.84	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM	LT	1	pCi/ml	Rad. Meas.

WELL HSB132D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/13/89 Time 1400
Depth to water = 18.49 ft (5.64 m) below the TOC
Water elevation = 222.21 ft (67.73 m) msl
pH = 5.6 Alkalinity = 3 mg/L
Specific Conductance = 27 umhos/cm
Water Temperature = 18.9 degrees Celsius
Water evacuated from the well prior to sampling = 58 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		26.10	UMHC	Env. Eng.
0	PH		5.17	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM		28	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		9	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		1700	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2600	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		33	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		380	ug/l	Env. Eng.
0	MANGANESE		18	ug/l	Env. Eng.
0	SODIUM		2720	ug/l	Env. Eng.
0	NICKEL		6	ug/l	Env. Eng.
0	NICKEL		6	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		803	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.

CONTINUED

WELL HSB132D COLLECTED ON 03/13/89 LABORATORY ANALYSES CONTINUED

1	SILICA		8920	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng
0	TOTAL DISSOLVED SOLIDS		20000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		5	ug/l	Env. Eng
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		21	ug/l	Env. Eng.
0	GROSS ALPHA		0.76+-0.62	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
1	TRITIUM		14.00+-0.39	pCi/ml	Rad. Meas

WELL HSB133C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/05/89 Time 850
Depth to water = 26.96 ft (8.22 m) below the TOC
Water elevation = 228.64 ft (69.69 m) msl
pH = 11.3 Alkalinity = 102 mg/L
Specific Conductance = 500 umhos/cm
Water Temperature = 17.8 degrees Celsius
Water evacuated from the well prior to sampling = 27 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		453.0	UMHC	Env. Eng
2	PH		10.6	pH	Env. Eng
0	SILVER	LT	2	ug/l	Env. Eng.
2	ALUMINUM		582	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		42	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		19000	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2000	ug/l	Env. Eng
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng
0	COBALT	LT	4	ug/l	Env. Eng.
1	CHROMIUM		18	ug/l	Env. Eng
0	COPPER		14	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng
0	FLUORIDE		320	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng
0	MERCURY	LT	0.20	ug/l	Env. Eng
1	POTASSIUM		24500	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng
0	MAGNESIUM		134	ug/l	Env. Eng
0	MANGANESE	LT	2	ug/l	Env. Eng
1	SODIUM		20100	ug/l	Env. Eng
0	NICKEL	LT	4	ug/l	Env. Eng
0	NITRATE AS NITROGEN		132	ug/l	Env. Eng
0	LEAD	LT	6	ug/l	Env. Eng
1	PHENOLS		65	ug/l	Env. Eng
1	PHENOLS		63	ug/l	Env. Eng
0	ANTIMONY	LT	3	ug/l	Env. Eng
0	SELENIUM	LT	2	ug/l	Env. Eng
1	SILICA		9940	ug/l	Env. Eng
1	SILICA		10200	ug/l	Env. Eng
1	SULFATE		13800	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng
0	TOTAL DISSOLVED SOLIDS		156000	ug/l	Env. Eng
0	TOTAL ORGANIC CARBON		1100	ug/l	Env. Eng
0	TOTAL ORGANIC CARBON		1000	ug/l	Env. Eng
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		89	ug/l	Env. Eng
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng
1	VANADIUM		5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng

CONTINUED

WELL HSB133C COLLECTED ON 02/05/89 LABORATORY ANALYSES CONTINUED

0	ZINC		24	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		17.73+-2.92	pCi/l	Rad. Meas.
1	TOTAL RADIUM		0.42+-0.31	pCi/l	Rad. Meas.
0	TRITIUM		5.71+-0.30	pCi/ml	Rad. Meas.

WELL HSB133D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/04/89 Time 1300
Depth to water = 21.82 ft (6.65 m) below the TOC
Water elevation = 233.48 ft (71.17 m) msl
pH = 5.8 Alkalinity = 15 mg/L
Specific Conductance = 65 umhos/cm
Water Temperature = 18.1 degrees Celsius
Water evacuated from the well prior to sampling = 82 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		66.90	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		63.70	UMHC	Env. Eng.
0	PH		5.62	pH	Env. Eng.
0	PH		5.62	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
2	ALUMINUM		408	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		9	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		5650	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		5200	ug/l	Env. Eng.
0	CHLORIDE		5600	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		5	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		130	ug/l	Env. Eng.
0	IRON		70	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		216	ug/l	Env. Eng.
0	MANGANESE		6	ug/l	Env. Eng.
1	SODIUM		7700	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		541	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		8020	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		26000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1400	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1100	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
1	VANADIUM		2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		19	ug/l	Env. Eng.
0	GROSS ALPHA		0.16+-0.66	pCi/l	HP, 735A
0	GROSS ALPHA		0.76+-0.65	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		0.78+-0.78	pCi/l	HP, 735A
0	NONVOLATILE BETA		1.40+-0.89	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
2	TRITIUM		88.00+-1.99	pCi/ml	HP, 735A
2	TRITIUM		90.90+-1.60	pCi/ml	Rad. Meas.

WELL HSB134C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/04/89 Time 945
Depth to water = 18.64 ft (5.68 m) below the TOC
Water elevation = 219.76 ft (66.98 m) msl
pH = 5.6 Alkalinity = 7 mg/L
Specific Conductance = 43 umhos/cm
Water Temperature = 18.7 degrees Celsius
Water evacuated from the well prior to sampling = 207 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		78.90	UMHC	Env. Eng.
0	PH		5.59	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		9	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		2960	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3200	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		170	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1240	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		1180	ug/l	Env. Eng.
1	MANGANESE		29	ug/l	Env. Eng.
0	SODIUM		2720	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1400	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		14600	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		34000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		32000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		52	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		40	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.35+-0.90	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.58+-0.37	pCi/l	Rad. Meas.
2	TRITIUM		61.40+-1.31	pCi/ml	Rad. Meas.

WELL HSB134D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/04/89 Time 925
Depth to water = 16.20 ft (4.94 m) below the TOC
Water elevation = 221.90 ft (67.64 m) msl
pH = 4.4 Alkalinity = 0 mg/L
Specific Conductance = 345 umhos/cm
Water Temperature = 18.3 degrees Celsius
Water evacuated from the well prior to sampling = 51 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		299.0	UMHC	Env. Eng.
0	PH		4.62	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
2	ALUMINUM		566	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		53	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		503	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.

CONTINUED

WELL HSB134D COLLECTED ON 02/04/89 LABORATORY ANALYSES CONTINUED

0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		7700	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	5.00	ug/l	Env. Eng.
0	ENDRIN	LT	5.00	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		220	ug/l	Env. Eng.
0	IRON		21	ug/l	Env. Eng.
1	MERCURY		0.62	ug/l	Env. Eng.
1	MERCURY		0.50	ug/l	Env. Eng.
0	POTASSIUM		655	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		1810	ug/l	Env. Eng.
2	MANGANESE		127	ug/l	Env. Eng.
1	SODIUM		56400	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		36300	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		7210	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		218000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		224000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1500	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		22	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		19	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		9	ug/l	Env. Eng.
1	GROSS ALPHA		5.23+-3.35	pCi/l	HP, 735A
0	GROSS ALPHA		4.50+-2.26	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		255+-27.3	pCi/l	HP, 735A
2	NONVOLATILE BETA		306+-7.24	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.21+-0.67	pCi/l	Rad. Meas.
2	TRITIUM		8850+-64.6	pCi/ml	HP, 735A
2	TRITIUM		9840+-110	pCi/ml	Rad. Meas.

WELL HSB135C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/08/89 Time 1015
Depth to water = 26.31 ft (8.02 m) below the TOC
Water elevation = 205.69 ft (62.70 m) msl
pH = 8.1 Alkalinity = 87 mg/L
Specific Conductance = 198 umhos/cm
Water Temperature = 18.5 degrees Celsius
Water evacuated from the well prior to sampling = 167 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		181.0	UMHC	Env. Eng.
1	PH		7.66	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		18	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		33700	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2750	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		11	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.

CONTINUED

WELL HSB135C COLLECTED ON 02/08/89 LABORATORY ANALYSES CONTINUED

0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		130	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		628	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		472	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		2300	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		704	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		27400	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		180000	ug/l	Env. Eng.
1	TOTAL ORGANIC CARBON		12600	ug/l	Env. Eng.
1	TOTAL ORGANIC CARBON		12300	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
1	TOTAL PHOSPHATES		4060	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		7	ug/l	Env. Eng.
0	GROSS ALPHA		2.65+-2.28	pCi/l	HP, 735A
0	GROSS ALPHA		0.83+-0.75	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		8.46+-1.62	pCi/l	HP, 735A
0	NONVOLATILE BETA		4.71+-1.07	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
2	TRITIUM		41.30+-1.46	pCi/ml	HP, 735A
2	TRITIUM		42.30+-0.94	pCi/ml	Rad. Meas.

WELL HSB135D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/08/89 Time 950
Depth to water = 13.95 ft (4.25 m) below the TOC
Water elevation = 218.35 ft (66.55 m) msl
pH = 5.1 Alkalinity = 1 mg/L
Specific Conductance = 115 umhos/cm
Water Temperature = 19.4 degrees Celsius
Water evacuated from the well prior to sampling = 69 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		114.0	UMHC	Env. Eng.
0	PH		4.91	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
1	ALUMINUM		135	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		12	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		508	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2460	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		110	ug/l	Env. Eng.
0	IRON		29	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		563	ug/l	Env. Eng.
1	MANGANESE		31	ug/l	Env. Eng.
1	SODIUM		35600	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		10800	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		6340	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.

CONTINUED

WELL HSB135D COLLECTED ON 02/08/89 LABORATORY ANALYSES CONTINUED

0	TOTAL DISSOLVED SOLIDS		102000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		3400	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		13	ug/l	Env. Eng.
0	GROSS ALPHA		1.02+-0.89	pCi/l	HP, 735A
0	GROSS ALPHA		1.35+-0.84	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		22.50+-2.94	pCi/l	HP, 735A
2	NONVOLATILE BETA		53.70+-2.59	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
2	TRITIUM		3770+-41.4	pCi/ml	HP, 735A
2	TRITIUM		3939+-73.8	pCi/ml	Rad. Meas.

WELL HSB136C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/11/89 Time 1345
Depth to water = 11.98 ft (3.65 m) below the TOC
Water elevation = 215.92 ft (65.81 m) msl
pH = 6.5 Alkalinity = 18 mg/L
Specific Conductance = 505 umhos/cm
Water Temperature = 19.8 degrees Celsius
Water evacuated from the well prior to sampling = 159 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		464.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		470.0	UMHC	Env. Eng.
0	PH		5.98	pH	Env. Eng.
0	PH		6.08	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		100	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		14400	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3860	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		16	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		320	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		3930	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		4350	ug/l	Env. Eng.
2	MANGANESE		90	ug/l	Env. Eng.
1	SODIUM		66200	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		50900	ug/l	Env. Eng.
0	LEAD		7	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		9430	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		374000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		31	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		25	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		16	ug/l	Env. Eng.
1	GROSS ALPHA		6.83+-7.17	pCi/l	HP, 735A
1	GROSS ALPHA		6.07+-3.37	pCi/l	Rad. Meas.

CONTINUED

WELL HSB136C COLLECTED ON 02/11/89 LABORATORY ANALYSES CONTINUED

2	NONVOLATILE BETA		271+- 0	pCi/l	HP, 735A
2	NONVOLATILE BETA		155+-6.95	pCi/l	Rad. Meas.
1	TOTAL RADIUM		3.02+-0.81	pCi/l	Rad. Meas.
2	TRITIUM		11600+- 233	pCi/ml	HP, 735A
2	TRITIUM		11868+- 219	pCi/ml	Rad. Meas.

WELL HSB136D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/11/89 Time 1210
Depth to water = 7.14 ft (2.18 m) below the TOC
Water elevation = 220.86 ft (67.32 m) msl
pH = 4.1 Alkalinity = 0 mg/L
Specific Conductance = 390 umhos/cm
Water Temperature = 18.5 degrees Celsius
Water evacuated from the well prior to sampling = 70 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		335.0	UMHC	Env. Eng.
1	PH		3.59	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
2	ALUMINUM		5650	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		100	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		3280	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		1990	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
1	COBALT		9	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		14	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
1	FLUORIDE		1000	ug/l	Env. Eng.
0	IRON		31	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1920	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		1470	ug/l	Env. Eng.
2	MANGANESE		454	ug/l	Env. Eng.
1	SODIUM		37200	ug/l	Env. Eng.
1	NICKEL		14	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		37200	ug/l	Env. Eng.
0	LEAD		8	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		16700	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		194000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		204000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		13	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		37	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		38	ug/l	Env. Eng.
2	GROSS ALPHA		103+-20.8	pCi/l	HP, 735A
2	GROSS ALPHA		51.40+-5.99	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		4090+- 308	pCi/l	HP, 735A
2	NONVOLATILE BETA		3736+-32.1	pCi/l	Rad. Meas.
2	TOTAL RADIUM		45.70+-3.00	pCi/l	Rad. Meas.
2	TRITIUM		20700+- 416	pCi/ml	HP, 735A
2	TRITIUM		20910+- 159	pCi/ml	Rad. Meas.

WELL HSB137C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/11/89 Time 1115
Depth to water = 16.56 ft (5.05 m) below the TOC
Water elevation = 219.44 ft (66.89 m) msl
The well pumped dry before sampling could be done.

WELL HSB137C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/01/89 Time 1435
Depth to water = 16.35 ft (4.98 m) below the TOC
Water elevation = 219.65 ft (66.95 m) msl
pH = 5.5 Alkalinity = 7 mg/L
Specific Conductance = 511 umhos/cm
Water Temperature = 18.9 degrees Celsius
Water evacuated from the well prior to sampling = 160 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		453.0	UMHC	Env. Eng.
0	PH		5.59	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM		56	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		62	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		28800	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2300	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		14	ug/l	Env. Eng.
1	CYANIDE		5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	IRON		22	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1770	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		4660	ug/l	Env. Eng.
2	MANGANESE		140	ug/l	Env. Eng.
1	SODIUM		61200	ug/l	Env. Eng.
1	NICKEL		9	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		55200	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		8980	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		364000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		70	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		7.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		97	ug/l	Env. Eng.
0	GROSS ALPHA		3.55+-2.03	pCi/l	HP, 735A
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		102+-10.9	pCi/l	HP, 735A
2	NONVOLATILE BETA		180+-7.49	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.27+-0.54	pCi/l	Rad. Meas.
2	TRITIUM		9300+- 187	pCi/ml	HP, 735A
2	TRITIUM		9840+- 106	pCi/ml	Rad. Meas.

WELL HSB137D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/11/89 Time 1125
Depth to water = 14.70 ft (4.48 m) below the TOC
Water elevation = 221.90 ft (67.64 m) msl
pH = 5.1 Alkalinity = 0 mg/L
Specific Conductance = 240 umhos/cm
Water Temperature = 18.8 degrees Celsius
Water evacuated from the well prior to sampling = 86 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		168.0	UMHC	Env. Eng.
0	PH		4.74	pH	Env. Eng.
1	SILVER		3	ug/l	Env. Eng.
1	ALUMINUM		153	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		66	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		3780	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2430	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
1	COBALT		9	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
1	COPPER		38	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		230	ug/l	Env. Eng.
0	IRON		22	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1470	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		2600	ug/l	Env. Eng.
2	MANGANESE		347	ug/l	Env. Eng.
1	SODIUM		26800	ug/l	Env. Eng.
1	NICKEL		25	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		25100	ug/l	Env. Eng.
0	LEAD		9	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		10300	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		126000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1300	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		14	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		30	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		141	ug/l	Env. Eng.
1	GROSS ALPHA		13.40+-9.90	pCi/l	HP, 735A
1	GROSS ALPHA		10.40+-2.35	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		882+-75.9	pCi/l	HP, 735A
2	NONVOLATILE BETA		1133+-13.9	pCi/l	Rad. Meas.
2	TOTAL RADIUM		6.98+-1.18	pCi/l	Rad. Meas.
2	TRITIUM		9870+- 203	pCi/ml	HP, 735A
2	TRITIUM		15361+- 133	pCi/ml	Rad. Meas.

WELL HSB138D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/12/89 Time 1415
Depth to water = 31.71 ft (9.67 m) below the TOC
Water elevation = 220.69 ft (67.27 m) msl
pH = 4.8 Alkalinity = 0 mg/L
Specific Conductance = 310 umhos/cm
Water Temperature = 19.9 degrees Celsius
Water evacuated from the well prior to sampling = 48 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		288.0	UMHC	Env. Eng.
0	PH		4.47	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
1	ALUMINUM		320	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		38	ug/l	Env. Eng.

CONTINUED

WELL HSB138D COLLECTED ON 02/12/89 LABORATORY ANALYSES CONTINUED

0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		2400	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3510	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
1	COPPER		24	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		170	ug/l	Env. Eng.
0	IRON		107	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		559	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		1800	ug/l	Env. Eng.
1	MANGANESE		50	ug/l	Env. Eng.
1	SODIUM		51800	ug/l	Env. Eng.
1	NICKEL		10	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		34400	ug/l	Env. Eng.
0	LEAD		11	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		6730	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		220000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		19	ug/l	Env. Eng.
1	GROSS ALPHA		11.30+-6.01	pCi/l	HP, 735A
1	GROSS ALPHA		13.60+-3.24	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		103+-12.5	pCi/l	HP, 735A
2	NONVOLATILE BETA		106+-4.44	pCi/l	Rad. Meas.
2	TOTAL RADIUM		8.17+-1.30	pCi/l	Rad. Meas.
2	TRITIUM		7550+- 152	pCi/ml	HP, 735A
2	TRITIUM		7798+-96.2	pCi/ml	Rad. Meas.

WELL HSB139A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/07/89 Time 1425
Depth to water = 62.36 ft (19.01 m) below the TOC
Water elevation = 171.34 ft (52.23 m) msl
pH = 8.1 Alkalinity = 98 mg/L
Specific Conductance = 210 umhos/cm
Water Temperature = 18.2 degrees Celsius
Water evacuated from the well prior to sampling = 233 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		202.0	UMHC	Env. Eng.
1	PH		7.78	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM		28	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		29	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		25200	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2700	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		9	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.

CONTINUED

WELL HSB139A COLLECTED ON 02/07/89 LABORATORY ANALYSES CONTINUED

0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		120	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MERCURY *	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		4350	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		851	ug/l	Env. Eng.
0	MANGANESE		6	ug/l	Env. Eng.
1	SODIUM		5260	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		72	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		40900	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		140000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		84	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		13	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		4.54+-1.42	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		1.34+-0.23	pCi/ml	Rad. Meas.

WELL HSB139C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/05/89 Time 1010
Depth to water = 20.18 ft (6.15 m) below the TOC
Water elevation = 213.62 ft (65.11 m) msl
pH = 5.9 Alkalinity = 15 mg/L
Specific Conductance = 430 umhos/cm
Water Temperature = 17.5 degrees Celsius
Water evacuated from the well prior to sampling = 31 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		375.0	UMHC	Env. Eng.
0	PH		6.06	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
1	ALUMINUM		94	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		66	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		21000	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		5400	ug/l	Env. Eng.
0	CHLORIDE		5700	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		10	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.50	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		340	ug/l	Env. Eng.
0	IRON		46	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		2840	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
1	MAGNESIUM		5280	ug/l	Env. Eng.
2	MANGANESE		244	ug/l	Env. Eng.
1	SODIUM		42800	ug/l	Env. Eng.
1	NICKEL		10	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		40300	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		12000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		284000	ug/l	Env. Eng.

CONTINUED

WELL HSB139C COLLECTED ON 02/05/89 LABORATORY ANALYSES CONTINUED

0	TOTAL ORGANIC CARBON		1700	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		11	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		111	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		15.0	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
1	VANADIUM		2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		6	ug/l	Env. Eng.
0	GROSS ALPHA		2.93+-2.43	pCi/l	HP, 735A
1	GROSS ALPHA		10.30+-3.83	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		32.80+-7.10	pCi/l	HP, 735A
1	NONVOLATILE BETA		36.40+-3.67	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
2	TRITIUM		3120+-12.2	pCi/ml	HP, 735A
2	TRITIUM		3580+-65.2	pCi/ml	Rad. Meas.

WELL HSB139D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/07/89 Time 1445
Depth to water = 12.65 ft (3.86 m) below the TOC
Water elevation = 221.15 ft (67.41 m) msl
pH = 5.0 Alkalinity = 1 mg/L
Specific Conductance = 69 umhos/cm
Water Temperature = 18.7 degrees Celsius
Water evacuated from the well prior to sampling = 54 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		71.50	UMHC	Env. Eng.
0	PH		4.94	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM		68	ug/l	Env. Eng.
0	ALUMINUM		65	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		14	ug/l	Env. Eng.
0	BARIUM		14	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		1720	ug/l	Env. Eng.
0	CALCIUM		2090	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2510	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		11	ug/l	Env. Eng.
0	COPPER		12	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.50	ug/l	Env. Eng.
0	ENDRIN	LT	0.50	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		110	ug/l	Env. Eng.
0	IRON		23	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
1	MERCURY		0.67	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	POTASSIUM		545	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		709	ug/l	Env. Eng.
0	MAGNESIUM		706	ug/l	Env. Eng.
0	MANGANESE		25	ug/l	Env. Eng.
0	MANGANESE		25	ug/l	Env. Eng.
1	SODIUM		8170	ug/l	Env. Eng.
1	SODIUM		8660	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
1	NITRATE AS NITROGEN		5960	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		5800	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		88000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1400	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.

CONTINUED

WELL HSB139D COLLECTED ON 02/07/89 LABORATORY ANALYSES CONTINUED

0	VANADIUM	LT	2	ug/l	Env. Eng.
0	VANADIUM	LT	2	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		27	ug/l	Env. Eng.
0	ZINC		30	ug/l	Env. Eng.
0	GROSS ALPHA		4.16+-1.61	pCi/l	HP, 735A
0	GROSS ALPHA		2.57+-0.83	pCi/l	Rad. Meas.
0	GROSS ALPHA		3.10+-0.91	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		15.50+-2.31	pCi/l	HP, 735A
1	NONVOLATILE BETA		14.00+-1.52	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		15.20+-1.60	pCi/l	Rad. Meas.
1	TOTAL RADIUM		2.63+-0.83	pCi/l	Rad. Meas.
1	TOTAL RADIUM		2.87+-0.85	pCi/l	Rad. Meas.
2	TRITIUM		1490+-26.8	pCi/ml	HP, 735A
2	TRITIUM		1503+-6.46	pCi/ml	Rad. Meas.
2	TRITIUM		1497+-6.48	pCi/ml	Rad. Meas.

WELL HSS 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/19/89 Time 900
Depth to water = 47.72 ft (14.55 m) below the TOC
Water elevation = 262.38 ft (79.97 m) msl
pH = 5.5 Alkalinity = 1 mg/L
Specific Conductance = 26 umhos/cm
Water Temperature = 18.2 degrees Celsius
Water evacuated from the well prior to sampling = 19 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		32.31	UMHC	Env. Eng.
0	PH		5.27	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		44	ug/l	Env. Eng.
0	CALCIUM		1530	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLORIDE		2400	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		11	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		72	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		2010	ug/l	Env. Eng.
0	MAGNESIUM		492	ug/l	Env. Eng.
0	MANGANESE		8	ug/l	Env. Eng.
0	SODIUM		1490	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRITE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	NITRITE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1010	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1030	ug/l	Env. Eng.
0	LEAD		14	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		11100	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		42000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.13+-0.88	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM	LT	1	pCi/ml	Rad. Meas.

WELL HSS 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/12/89 Time 1025
Depth to water = 42.79 ft (13.04 m) below the TOC
Water elevation = 261.61 ft (79.74 m) msl
pH = 5.6 Alkalinity = 3 mg/L
Specific Conductance = 27 umhos/cm
Water Temperature = 18.7 degrees Celsius
Water evacuated from the well prior to sampling = 72 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		26.00	UMHC	Env. Lab
0	SPECIFIC CONDUCTANCE		23.20	UMHC	W. A.
0	SPECIFIC CONDUCTANCE		32.90	UMHC	Env. Eng.
0	PH		5.60	pH	Env. Lab
0	PH		5.60	pH	W. A.
0	PH		5.33	pH	Env. Eng.
0	SILVER	LT	10	ug/l	Env. Lab
0	SILVER	LT	10	ug/l	W. A.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	200	ug/l	W. A.
0	ARSENIC	LT	5	ug/l	Env. Lab
0	ARSENIC	LT	10	ug/l	W. A.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	100	ug/l	Env. Lab

CONTINUED

WELL HSS 2D COLLECTED ON 03/12/89 LABORATORY ANALYSES CONTINUED

0	BARIUM	LT	200	ug/l	W. A.
0	BARIUM		23	ug/l	Env. Eng.
0	BERYLLIUM	LT	5	ug/l	W. A.
0	CALCIUM		920	ug/l	Env. Lab.
0	CALCIUM	LT	5000	ug/l	W. A.
0	CALCIUM		930	ug/l	Env. Eng.
0	CADMIUM	LT	10	ug/l	Env. Lab.
0	CADMIUM	LT	5	ug/l	W. A.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLORIDE		3000	ug/l	Env. Lab.
0	CHLORIDE	LT	5000	ug/l	W. A.
0	CHLORIDE		2600	ug/l	Env. Eng.
0	COBALT	LT	50	ug/l	W. A.
0	CHROMIUM	LT	50	ug/l	Env. Lab.
0	CHROMIUM	LT	10	ug/l	W. A.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	20	ug/l	Env. Lab.
0	COPPER	LT	25	ug/l	W. A.
0	COPPER	LT	4	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Lab.
0	FLUORIDE	LT	100	ug/l	W. A.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	50	ug/l	Env. Lab.
0	IRON	LT	100	ug/l	W. A.
0	IRON		33	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Lab.
0	MERCURY	LT	0.20	ug/l	W. A.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1000	ug/l	Env. Lab.
0	POTASSIUM	LT	5000	ug/l	W. A.
0	POTASSIUM		1720	ug/l	Env. Eng.
0	LITHIUM	LT	50	ug/l	W. A.
0	MAGNESIUM		300	ug/l	Env. Lab.
0	MAGNESIUM	LT	5000	ug/l	W. A.
0	MAGNESIUM		310	ug/l	Env. Eng.
1	MANGANESE		50	ug/l	Env. Lab.
1	MANGANESE		33	ug/l	W. A.
1	MANGANESE		40	ug/l	Env. Eng.
0	SODIUM		2100	ug/l	Env. Lab.
0	SODIUM	LT	5000	ug/l	W. A.
0	SODIUM		1940	ug/l	Env. Eng.
0	NICKEL	LT	50	ug/l	Env. Lab.
0	NICKEL	LT	40	ug/l	W. A.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRITE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1600	ug/l	Env. Lab.
0	NITRATE AS NITROGEN		800	ug/l	W. A.
0	NITRATE AS NITROGEN		803	ug/l	Env. Eng.
0	LEAD	LT	100	ug/l	Env. Lab.
0	LEAD	LT	5	ug/l	W. A.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Lab.
0	PHENOLS	LT	5	ug/l	W. A.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	60	ug/l	W. A.
0	SELENIUM	LT	10	ug/l	Env. Lab.
0	SELENIUM	LT	5	ug/l	W. A.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		24170	ug/l	Env. Lab.
1	SILICA		10600	ug/l	W. A.
1	SILICA		23200	ug/l	Env. Eng.
0	TIN	LT	100	ug/l	W. A.
0	SULFATE		7000	ug/l	Env. Lab.
0	SULFATE	LT	5000	ug/l	W. A.
0	SULFATE	LT	5000	ug/l	W. A.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		52000	ug/l	Env. Lab.
0	TOTAL DISSOLVED SOLIDS		45000	ug/l	W. A.
0	TOTAL DISSOLVED SOLIDS		46000	ug/l	W. A.
0	TOTAL DISSOLVED SOLIDS		40000	ug/l	Env. Eng.
0	THALLIUM	LT	10	ug/l	W. A.
0	TOTAL ORGANIC CARBON	LT	5000	ug/l	Env. Lab.
0	TOTAL ORGANIC CARBON	LT	500	ug/l	W. A.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	10	ug/l	Env. Lab.
0	TOTAL ORGANIC HALOGENS	LT	20	ug/l	W. A.
0	TOTAL ORGANIC HALOGENS		9	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	10	ug/l	Env. Lab.
0	TOTAL PHOSPHATES	LT	50	ug/l	W. A.
0	TOTAL PHOSPHATES		91	ug/l	Env. Eng.
0	URANIUM	LT	1000	ug/l	W. A.
0	VANADIUM	LT	50	ug/l	W. A.
0	ZINC		38	ug/l	W. A.
0	GROSS ALPHA	LT	0.63	pCi/l	Env. Lab.
0	GROSS ALPHA		0.00+-5.00	pCi/l	W. A.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	0.95	pCi/l	Env. Lab.
0	NONVOLATILE BETA		6.00+-3.00	pCi/l	W. A.
0	NONVOLATILE BETA		1.93+-0.96	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	0.45	pCi/l	Env. Lab.
0	TOTAL RADIUM		0.30+-0.30	pCi/l	W. A.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		1.23+-0.53	pCi/ml	Env. Lab.
0	TRITIUM		1.60+-0.60	pCi/ml	W. A.
0	TRITIUM		1.37+-0.22	pCi/ml	Rad. Meas.

WELL HSS 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/12/89 Time 1025
Depth to water = 42.79 ft (13.04 m) below the TOC
Water elevation = 261.61 ft (79.74 m) msl
pH = 5.6 Alkalinity = 3 mg/L
Specific Conductance = 27 umhos/cm
Water Temperature = 18.7 degrees Celsius
Water evacuated from the well prior to sampling = 72 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		32.80	UMHC	Env. Eng
0	PH		5.33	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		22	ug/l	Env. Eng.
0	CALCIUM		826	ug/l	Env. Eng
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLORIDE		2500	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		57	ug/l	Env. Eng
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1580	ug/l	Env. Eng.
0	MAGNESIUM		297	ug/l	Env. Eng.
1	MANGANESE		41	ug/l	Env. Eng.
0	SODIUM		1800	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRITE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		801	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		23600	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		46000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		38000	ug/l	Env. Eng
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		9	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		33	ug/l	Env. Eng.
0	GROSS ALPHA		1.04+-0.62	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.49+-0.87	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		1.35+-0.22	pCi/ml	Rad. Meas

WELL HSS 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/19/89 Time 840
Depth to water = 37.83 ft (11.53 m) below the TOC
Water elevation = 271.97 ft (82.90 m) msl
pH = 5.2 Alkalinity = 1 mg/L
Specific Conductance = 25 umhos/cm
Water Temperature = 18.8 degrees Celsius
Water evacuated from the well prior to sampling = 7 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		26.51	UMHC	Env. Eng.
0	PH		5.05	pH	Env. Eng
0	SILVER	LT	2	ug/l	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng
0	BARIUM		15	ug/l	Env. Eng
0	CALCIUM		539	ug/l	Env. Eng
0	CADMIUM	LT	2	ug/l	Env. Eng
0	CHLORIDE		2100	ug/l	Env. Eng
0	CHROMIUM	LT	4	ug/l	Env. Eng
0	COPPER		14	ug/l	Env. Eng
0	FLUORIDE		100	ug/l	Env. Eng.
0	IRON		43	ug/l	Env. Eng
0	MERCURY	LT	0.20	ug/l	Env. Eng
0	POTASSIUM	LT	500	ug/l	Env. Eng
0	MAGNESIUM		195	ug/l	Env. Eng
0	MANGANESE		11	ug/l	Env. Eng
0	SODIUM		2210	ug/l	Env. Eng
0	NICKEL		6	ug/l	Env. Eng.
0	NITRITE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1120	ug/l	Env. Eng
2	LEAD		33	ug/l	Env. Eng
1	PHENOLS		17	ug/l	Env. Eng
0	SELENIUM	LT	2	ug/l	Env. Eng
1	SILICA		6870	ug/l	Env. Eng
0	SULFATE	LT	5000	ug/l	Env. Eng
0	TOTAL DISSOLVED SOLIDS		36000	ug/l	Env. Eng
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng
1	GROSS ALPHA		6.75+-1.44	pCi/l	Rad. Meas
0	NONVOLATILE BETA		6.59+-1.13	pCi/l	Rad. Meas
2	TOTAL RADIUM		7.49+-1.52	pCi/l	Rad. Meas
0	TRITIUM		3.00+-0.28	pCi/ml	Rad. Meas

WELL HTF 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/14/89 Time 850
Depth to water = 11.80 ft (3.60 m) below the TOC
Water elevation = 270.20 ft (82.36 m) msl
pH = 6.6
Specific Conductance = 282 umhos/cm
Water Temperature = 23.1 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		271.0	UMHC	Env. Eng.
1	PH		6.81	pH	Env. Eng.
0	SODIUM		3560	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	GROSS ALPHA		0.25+-0.69	pCi/l	HP, 735A
1	NONVOLATILE BETA		10.25+-2.24	pCi/l	HP, 735A
2	TRITIUM		50.09+-1.09	pCi/ml	HP, 735A

WELL HTF 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/14/89 Time 845
Depth to water = 10.20 ft (3.11 m) below the TOC
Water elevation = 271.60 ft (82.78 m) msl
pH = 6.3
Specific Conductance = 187 umhos/cm
Water Temperature = 22.8 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		142.0	UMHC	Env. Eng.
0	PH		6.33	pH	Env. Eng.
0	SODIUM		4160	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		400	ug/l	Env. Eng.
0	GROSS ALPHA		-0.05+-0.31	pCi/l	HP, 735A
0	NONVOLATILE BETA		2.28+-1.06	pCi/l	HP, 735A
2	TRITIUM		33.57+-0.92	pCi/ml	HP, 735A

WELL HTF 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/14/89 Time 900
Depth to water = 11.50 ft (3.51 m) below the TOC
Water elevation = 271.40 ft (82.72 m) msl
pH = 6.4
Specific Conductance = 186 umhos/cm
Water Temperature = 22.4 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		115.0	UMHC	Env. Eng.
0	PH		6.10	pH	Env. Eng.
0	SODIUM		3680	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	GROSS ALPHA		2.58+-1.00	pCi/l	HP, 735A
0	NONVOLATILE BETA		2.36+-1.04	pCi/l	HP, 735A
2	TRITIUM		35.64+-0.94	pCi/ml	HP, 735A

WELL HTF 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/14/89 Time 905
Depth to water = 30.00 ft (9.14 m) below the TOC
Water elevation = 275.80 ft (84.06 m) msl
pH = 5.4
Specific Conductance = 44 umhos/cm
Water Temperature = 23.0 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		43.30	UMHC	Env. Eng.
0	PH		5.55	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
2	BARIUM		572	ug/l	Env. Eng.
2	CADMIUM		39	ug/l	Env. Eng.
2	CHROMIUM		255	ug/l	Env. Eng.
0	SODIUM		4460	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		870	ug/l	Env. Eng.
2	LEAD		288	ug/l	Env. Eng.
0	GROSS ALPHA		3.28+-1.19	pCi/l	HP, 735A
0	GROSS ALPHA		2.89+-1.00	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		29.41+-3.32	pCi/l	HP, 735A
1	NONVOLATILE BETA		26.50+-1.87	pCi/l	Rad. Meas.
2	TRITIUM		35.96+-0.95	pCi/ml	HP, 735A
2	TRITIUM		34.60+-0.80	pCi/ml	Rad. Meas.

WELL HTF 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/14/89 Time 920
Depth to water = 31.20 ft (9.51 m) below the TOC
Water elevation = 274.20 ft (83.58 m) msl
pH = 4.0
Specific Conductance = 66 umhos/cm
Water Temperature = 24.0 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		56.20	UMHC	Env. Eng.
0	PH		5.15	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
2	BARIUM		547	ug/l	Env. Eng.
2	CADMIUM		65	ug/l	Env. Eng.
2	CHROMIUM		312	ug/l	Env. Eng.
1	SODIUM		6930	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		2200	ug/l	Env. Eng.
2	LEAD		148	ug/l	Env. Eng.
0	GROSS ALPHA		1.23+-0.63	pCi/l	HP, 735A
1	NONVOLATILE BETA		20.37+-2.34	pCi/l	HP, 735A
2	TRITIUM		33.11+-0.91	pCi/ml	HP, 735A

WELL HTF 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/14/89 Time 915
Depth to water = 33.10 ft (10.09 m) below the TOC
Water elevation = 272.20 ft (82.97 m) msl
pH = 5.5
Specific Conductance = 275 umhos/cm
Water Temperature = 18.3 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		208.0	UMHC	Env. Eng.
0	PH		5.96	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
2	BARIUM		509	ug/l	Env. Eng.
2	CADMIUM		84	ug/l	Env. Eng.
2	CHROMIUM		128	ug/l	Env. Eng.
1	SODIUM		9940	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		250	ug/l	Env. Eng.
2	LEAD		472	ug/l	Env. Eng.
0	GROSS ALPHA		1.38+-1.06	pCi/l	HP, 735A
0	NONVOLATILE BETA		3.10+-1.57	pCi/l	HP, 735A
0	TRITIUM		9.20+-0.59	pCi/ml	HP, 735A

WELL HTF 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/14/89 Time 930
Depth to water = 32.80 ft (10.00 m) below the TOC
Water elevation = 272.90 ft (83.18 m) msl
pH = 4.0
Specific Conductance = 44 umhos/cm
Water Temperature = 23.2 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		41.10	UMHC	Env. Eng.
0	PH		4.64	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
1	BARIUM		343	ug/l	Env. Eng.
2	CADMIUM		57	ug/l	Env. Eng.
2	CHROMIUM		82	ug/l	Env. Eng
0	SODIUM		4110	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1850	ug/l	Env. Eng.
2	LEAD		609	ug/l	Env. Eng
0	GROSS ALPHA		2.24+-0.79	pCi/l	HP, 735A
0	GROSS ALPHA		2.04+-0.75	pCi/l	Rad. Meas
0	NONVOLATILE BETA		4.66+-1.04	pCi/l	HP, 735A
0	NONVOLATILE BETA		6.11+-1.08	pCi/l	Rad. Meas
2	TRITIUM		25.75+-0.83	pCi/ml	HP, 735A
2	TRITIUM		24.10+-0.60	pCi/ml	Rad. Meas

WELL HTF 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/14/89 Time 945
Depth to water = 53.80 ft (16.40 m) below the TOC
Water elevation = 270.20 ft (82.36 m) msl
pH = 6.0
Specific Conductance = 75 umhos/cm
Water Temperature = 23.3 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		37.00	UMHC	Env. Eng.
0	PH		5.81	pH	Env. Eng.
0	SODIUM		3690	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	GROSS ALPHA		0.82+-0.50	pCi/l	HP, 735A
0	NONVOLATILE BETA		4.24+-1.00	pCi/l	HP, 735A
2	TRITIUM		184+-1.98	pCi/ml	HP, 735A

WELL HTF 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/14/89 Time 1005
Depth to water = 50.40 ft (15.36 m) below the TOC
Water elevation = 272.30 ft (83.00 m) msl
pH = 5.5
Specific Conductance = 169 umhos/cm
Water Temperature = 16.0 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		64.90	UMHC	Env. Eng.
0	PH		5.43	pH	Env. Eng.
0	SODIUM		3930	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	GROSS ALPHA		0.92+-0.62	pCi/l	HP, 735A
0	NONVOLATILE BETA		1.11+-0.90	pCi/l	HP, 735A
2	TRITIUM		124+-1.64	pCi/ml	HP, 735A

WELL HTF 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/14/89 Time 940
Depth to water = 51.20 ft (15.61 m) below the TOC
Water elevation = 271.60 ft (82.78 m) msl
pH = 5.7
Specific Conductance = 98 umhos/cm
Water Temperature = 18.8 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		48.70	UMHC	Env. Eng.
0	PH		5.51	pH	Env. Eng.
0	SODIUM		4440	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		257	ug/l	Env. Eng.
0	GROSS ALPHA		0.40+-0.38	pCi/l	HP, 735A
0	NONVOLATILE BETA		1.70+-0.76	pCi/l	HP, 735A
2	TRITIUM		126+-1.66	pCi/ml	HP, 735A

WELL HTF 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/14/89 Time 935
Depth to water = 52.40 ft (15.97 m) below the TOC
Water elevation = 270.50 ft (82.45 m) msl
pH = 5.4
Specific Conductance = 68 umhos/cm
Water Temperature = 22.2 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		36.80	UMHC	Env. Eng.
0	PH		5.07	pH	Env. Eng.
0	SODIUM		3370	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		380	ug/l	Env. Eng.
0	GROSS ALPHA		0.68+-0.46	pCi/l	HP, 735A
0	NONVOLATILE BETA		1.45+-0.73	pCi/l	HP, 735A
2	TRITIUM		177+-1.95	pCi/ml	HP, 735A

WELL HTF 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/14/89 Time 950
Depth to water = 54.00 ft (16.46 m) below the TOC
Water elevation = 270.40 ft (82.42 m) msl
pH = 5.6
Specific Conductance = 36 umhos/cm
Water Temperature = 19.7 degrees Celsius
No water was evacuated from the well prior to sampling
There was insufficient water to fill sample bottles

LABORATORY ANALYSES

0	GROSS ALPHA		0.69+-0.46	pCi/l	HP, 735A
0	NONVOLATILE BETA		1.30+-0.72	pCi/l	HP, 735A
2	TRITIUM		22.61+-0.79	pCi/ml	HP, 735A

WELL HTF 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/14/89 Time 1000
The well was dry.

WELL HTF 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/14/89 Time 1025
Depth to water = 50.00 ft (15.24 m) below the TOC
Water elevation = 272.50 ft (83.06 m) msl
pH = 4.3
Specific Conductance = 54 umhos/cm
Water Temperature = 18.3 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		54.30	UMHC	Env. Eng.
0	PH		4.64	pH	Env. Eng.
0	SODIUM		3470	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		2610	ug/l	Env. Eng.
0	GROSS ALPHA		2.29+-0.80	pCi/l	HP, 735A
0	NONVOLATILE BETA		1.20+-0.71	pCi/l	HP, 735A
2	TRITIUM		49.05+-1.08	pCi/ml	HP, 735A

WELL HTF 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/14/89 Time 910
Depth to water = 32.60 ft (9.94 m) below the TOC
Water elevation = 267.70 ft (81.60 m) msl
pH = 5.3
Specific Conductance = 51 umhos/cm
Water Temperature = 15.8 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		57.20	UMHC	Env. Eng.
0	PH		4.99	pH	Env. Eng.
1	SODIUM		5060	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		2230	ug/l	Env. Eng.
0	GROSS ALPHA		0.40+-0.38	pCi/l	HP, 735A
0	NONVOLATILE BETA		1.46+-0.73	pCi/l	HP, 735A
2	TRITIUM		20.93+-0.77	pCi/ml	HP, 735A

WELL HTF 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/14/89 Time 1200
Depth to water = 30.80 ft (9.39 m) below the TOC
Water elevation = 259.40 ft (79.07 m) msl
pH = 5.5
Specific Conductance = 186 umhos/cm
Water Temperature = 14.7 degrees Celsius
No water was evacuated from the well prior to sampling
There was insufficient water to fill sample bottles

LABORATORY ANALYSES

0	GROSS ALPHA		0.97+-0.79	pCi/l	HP, 735A
0	NONVOLATILE BETA		9.55+-1.75	pCi/l	HP, 735A
2	TRITIUM		56.17+-1.14	pCi/ml	HP, 735A

WELL HTF 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/14/89 Time 1005
Depth to water = 55.00 ft (16.76 m) below the TOC
Water elevation = 268.70 ft (81.90 m) msl
pH = 4.1
Specific Conductance = 68 umhos/cm
Water Temperature = 18.9 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	62.40	UMHC	Env. Eng.
0	PH	4.28	pH	Env. Eng.
0	SODIUM	4640	ug/l	Env. Eng.
0	SODIUM	4560	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	2190	ug/l	Env. Eng.
0	GROSS ALPHA	2.76+-0.89	pCi/l	HP, 735A
0	NONVOLATILE BETA	4.78+-1.05	pCi/l	HP, 735A
2	TRITIUM	22.50+-0.79	pCi/ml	HP, 735A

WELL HTF 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/14/89 Time 1010
Depth to water = 59.00 ft (17.98 m) below the TOC
Water elevation = 265.80 ft (81.02 m) msl
pH = 4.5
Specific Conductance = 40 umhos/cm
Water Temperature = 18.0 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	38.30	UMHC	Env. Eng.
0	PH	5.23	pH	Env. Eng.
0	SODIUM	3020	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	370	ug/l	Env. Eng.
0	GROSS ALPHA	1.00+-0.55	pCi/l	HP, 735A
0	NONVOLATILE BETA	1.77+-0.77	pCi/l	HP, 735A
1	TRITIUM	11.99+-0.64	pCi/ml	HP, 735A

WELL HTF 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/14/89 Time 1020
Depth to water = 60.00 ft (18.29 m) below the TOC
Water elevation = 264.90 ft (80.74 m) msl
pH = 3.9
Specific Conductance = 56 umhos/cm
Water Temperature = 23.4 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	78.90	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE	82.10	UMHC	Env. Eng.
0	PH	5.15	pH	Env. Eng.
0	PH	5.23	pH	Env. Eng.
0	SODIUM	4200	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	2100	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	2140	ug/l	Env. Eng.
0	GROSS ALPHA	2.15+-0.78	pCi/l	HP, 735A
0	NONVOLATILE BETA	1.43+-0.74	pCi/l	HP, 735A
2	TRITIUM	29.20+-0.87	pCi/ml	HP, 735A

WELL HTF 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/14/89 Time 1035
Depth to water = 57.40 ft (17.50 m) below the TOC
Water elevation = 267.30 ft (81.47 m) msl
pH = 4.2
Specific Conductance = 52 umhos/cm
Water Temperature = 19.3 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	50.80	UMHC	Env. Eng.
0	PH	4.54	pH	Env. Eng.
0	SODIUM	4190	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	1530	ug/l	Env. Eng.
0	GROSS ALPHA	1.31+-0.63	pCi/l	HP, 735A
0	NONVOLATILE BETA	2.71+-0.87	pCi/l	HP, 735A
1	TRITIUM	18.88+-0.74	pCi/ml	HP, 735A

WELL HTF 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/14/89 Time 1110
Depth to water = 61.20 ft (18.65 m) below the TOC
Water elevation = 272.30 ft (83.00 m) msl
pH = 5.8
Specific Conductance = 171 umhos/cm
Water Temperature = 17.1 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	168.0	UMHC	Env. Eng
0	PH	6.45	pH	Env. Eng.
0	SODIUM	4340	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	800	ug/l	Env. Eng
0	GROSS ALPHA	1.35+-0.81	pCi/l	HP, 735A
0	NONVOLATILE BETA	1.28+-0.96	pCi/l	HP, 735A
1	TRITIUM	16.52+-0.70	pCi/ml	HP, 735A

WELL HTF 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/14/89 Time 1135
Depth to water = 62.20 ft (18.96 m) below the TOC
Water elevation = 271.80 ft (82.85 m) msl
pH = 6.2
Specific Conductance = 103 umhos/cm
Water Temperature = 20.5 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	102.0	UMHC	Env. Eng
1	PH	7.02	pH	Env. Eng
0	SODIUM	4510	ug/l	Env. Eng
0	NITRATE AS NITROGEN	1940	ug/l	Env. Eng.
0	GROSS ALPHA	0.12+-0.30	pCi/l	HP, 735A
0	NONVOLATILE BETA	2.48+-0.86	pCi/l	HP, 735A
2	TRITIUM	26.43+-0.84	pCi/ml	HP, 735A

WELL HTF 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/14/89 Time 1115
Depth to water = 62.80 ft (19.14 m) below the TOC
Water elevation = 271.10 ft (82.63 m) msl
pH = 5.8
Specific Conductance = 46 umhos/cm
Water Temperature = 17.8 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	40.50	UMHC	Env. Eng
0	PH	5.55	pH	Env. Eng
0	SODIUM	2810	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	2310	ug/l	Env. Eng.
0	GROSS ALPHA	0.27+-0.34	pCi/l	HP, 735A
0	NONVOLATILE BETA	0.46+-0.64	pCi/l	HP, 735A
2	TRITIUM	24.66+-0.81	pCi/ml	HP, 735A

WELL HTF 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/14/89 Time 1100
Depth to water = 63.80 ft (19.45 m) below the TOC
Water elevation = 270.50 ft (82.45 m) msl
pH = 4.7
Specific Conductance = 41 umhos/cm
Water Temperature = 18.0 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	38.50	UMHC	Env. Eng
0	PH	5.15	pH	Env. Eng
0	SODIUM	3030	ug/l	Env. Eng
0	NITRATE AS NITROGEN	1200	ug/l	Env. Eng.
0	GROSS ALPHA	0.99+-0.54	pCi/l	HP, 735A
0	NONVOLATILE BETA	1.07+-0.70	pCi/l	HP, 735A
2	TRITIUM	12.03+-0.90	pCi/ml	HP, 735A

WELL HTF 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/14/89 Time 1050
Depth to water = 63.80 ft (19.45 m) below the TOC
Water elevation = 271.70 ft (82.82 m) msl
pH = 4.4
Specific Conductance = 98 umhos/cm
Water Temperature = 18.4 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	110.0	UMHC	Env. Eng.
0	PH	4.79	pH	Env. Eng.
0	SODIUM	3230	ug/l	Env. Eng.
1	NITRATE AS NITROGEN	3590	ug/l	Env. Eng.
0	GROSS ALPHA	3.29+-1.44	pCi/l	HP, 735A
0	NONVOLATILE BETA	8.15+-1.98	pCi/l	HP, 735A
1	TRITIUM	17.92+-0.72	pCi/ml	HP, 735A

WELL HTF 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/14/89 Time 1045
Depth to water = 60.60 ft (18.47 m) below the TOC
Water elevation = 272.50 ft (83.06 m) msl
pH = 4.0
Specific Conductance = 64 umhos/cm
Water Temperature = 18.2 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	56.90	UMHC	Env. Eng.
0	PH	4.30	pH	Env. Eng.
1	SODIUM	5230	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	1570	ug/l	Env. Eng.
0	GROSS ALPHA	2.76+-0.88	pCi/l	HP, 735A
0	NONVOLATILE BETA	3.45+-0.93	pCi/l	HP, 735A
1	TRITIUM	14.94+-0.68	pCi/ml	HP, 735A

WELL HTF 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/14/89 Time 1150
Depth to water = 10.40 ft (3.17 m) below the TOC
Water elevation = 323.30 ft (98.54 m) msl
pH = 4.2
Specific Conductance = 35 umhos/cm
Water Temperature = 17.1 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	31.20	UMHC	Env. Eng.
0	PH	4.81	pH	Env. Eng.
0	SODIUM	2490	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	1350	ug/l	Env. Eng.
0	GROSS ALPHA	3.29+-0.26	pCi/l	HP, 735A
0	NONVOLATILE BETA	8.15+-0.64	pCi/l	HP, 735A
1	TRITIUM	12.01+-0.64	pCi/ml	HP, 735A

WELL HTF 29

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/14/89 Time 1140
Depth to water = 60.80 ft (18.53 m) below the TOC
Water elevation = 272.70 ft (83.12 m) msl
pH = 5.5
Specific Conductance = 55 umhos/cm
Water Temperature = 19.4 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	50.60	UMHC	Env. Eng.
0	PH	5.38	pH	Env. Eng.
0	GROSS ALPHA	0.12+-0.28	pCi/l	HP, 735A
0	NONVOLATILE BETA	0.70+-0.66	pCi/l	HP, 735A
2	TRITIUM	20.21+-0.76	pCi/ml	HP, 735A

WELL HTF 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/14/89 Time 1125
Depth to water = 55.20 ft (16.83 m) below the TOC
Water elevation = 273.90 ft (83.49 m) msl
pH = 4.3
Specific Conductance = 44 umhos/cm
Water Temperature = 17.4 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	48.30	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE	47.30	UMHC	Env. Eng.
0	PH	4.26	pH	Env. Eng.
0	PH	4.26	pH	Env. Eng.
0	SODIUM	4540	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	2300	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	2330	ug/l	Env. Eng.
0	GROSS ALPHA	0.12+-0.27	pCi/l	HP, 735A
0	NONVOLATILE BETA	0.38+-0.62	pCi/l	HP, 735A
1	TRITIUM	14.15+-0.67	pCi/ml	HP, 735A

WELL HTF 34

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/14/89 Time 925
Depth to water = 32.20 ft (9.81 m) below the TOC
Water elevation = 273.30 ft (83.30 m) msl
pH = 4.9
Specific Conductance = 82 umhos/cm
Water Temperature = 19.5 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		77.70	UMHC	Env. Eng.
0	PH		5.18	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
1	BARIUM		176	ug/l	Env. Eng.
1	CADMIUM		3	ug/l	Env. Eng.
2	CHROMIUM		64	ug/l	Env. Eng.
0	SODIUM		4500	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		840	ug/l	Env. Eng.
0	LEAD		16	ug/l	Env. Eng.
0	GROSS ALPHA		0.44+-0.42	pCi/l	HP, 735A
0	NONVOLATILE BETA		2.78+-0.88	pCi/l	HP, 735A
2	TRITIUM		22.51+-0.79	pCi/ml	HP, 735A

WELL HWS 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/08/89 Time 1305
Depth to water = 81.52 ft (24.85 m) below the TOC
Water elevation = 243.08 ft (74.09 m) msl
pH = 4.5 Alkalinity = 0 mg/L
Specific Conductance = 23 umhos/cm
Water Temperature = 21.1 degrees Celsius
Water evacuated from the well prior to sampling = 46 gal

LABORATORY ANALYSES

0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.

WELL HWS 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/08/89 Time 1340
Depth to water = 79.77 ft (24.31 m) below the TOC
Water elevation = 243.43 ft (74.20 m) msl
pH = 4.3 Alkalinity = 0 mg/L
Specific Conductance = 22 umhos/cm
Water Temperature = 21.3 degrees Celsius
Water evacuated from the well prior to sampling = 73 gal

LABORATORY ANALYSES

0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.

WELL HXB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/08/89 Time 1100
Depth to water = 58.12 ft (17.72 m) below the TOC
Water elevation = 248.08 ft (75.62 m) msl
pH = 4.6 Alkalinity = 0 mg/L
Specific Conductance = 26 umhos/cm
Water Temperature = 19.6 degrees Celsius
Water evacuated from the well prior to sampling = 98 gal

LABORATORY ANALYSES

0	SILVER	LT	2	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.

WELL HXB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/07/89 Time 1115
Depth to water = 55.46 ft (16.90 m) below the TOC
Water elevation = 248.94 ft (75.88 m) msl
pH = 4.8 Alkalinity = 0 mg/L
Specific Conductance = 26 umhos/cm
Water Temperature = 19.3 degrees Celsius
Water evacuated from the well prior to sampling = 99 gal

LABORATORY ANALYSES

0	SILVER	LT	2	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.

WELL HXB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/08/89 Time 1040
Depth to water = 55.60 ft (16.95 m) below the TOC
Water elevation = 248.60 ft (75.77 m) msl
pH = 4.5 Alkalinity = 0 mg/L
Specific Conductance = 24 umhos/cm
Water Temperature = 19.6 degrees Celsius
Water evacuated from the well prior to sampling = 95 gal

LABORATORY ANALYSES

0	SILVER	LT	2	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.

WELL KAB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/25/89 Time 930
Depth to water = 57.09 ft (17.40 m) below the TOC
Water elevation = 208.91 ft (63.68 m) msl
pH = 5.4 Alkalinity = 10 mg/L
Specific Conductance = 322 umhos/cm
Water Temperature = 20.0 degrees Celsius
Water evacuated from the well prior to sampling = 27 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		319.0	UMHC	Env. Eng.
0	PH		5.39	pH	Env. Eng.
0	BARIUM		50	ug/l	Env. Eng.
1	CALCIUM		31700	ug/l	Env. Eng.
1	CHLORIDE		12900	ug/l	Env. Eng.
2	IRON		323	ug/l	Env. Eng.
1	POTASSIUM		12300	ug/l	Env. Eng.
0	MAGNESIUM		4470	ug/l	Env. Eng.
2	MANGANESE		641	ug/l	Env. Eng.
1	SODIUM		13700	ug/l	Env. Eng.
1	SODIUM		13900	ug/l	Env. Eng.
1	NICKEL		15	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SULFATE		109000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
2	GROSS ALPHA		15.30+-3.31	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		14.40+-1.93	pCi/l	Rad. Meas.
2	TOTAL RADIUM		7.20+-1.16	pCi/l	Rad. Meas.
0	TRITIUM		5.86+-0.30	pCi/ml	Rad. Meas.

WELL KAB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/24/89 Time 1650
Depth to water = 46.33 ft (14.12 m) below the TOC
Water elevation = 214.37 ft (65.34 m) msl
pH = 6.4 Alkalinity = 120 mg/L
Specific Conductance = 546 umhos/cm
Water Temperature = 21.5 degrees Celsius
Water evacuated from the well prior to sampling = 41 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		503.0	UMHC	Env. Eng.
1	PH		6.68	pH	Env. Eng.
0	BARIUM		23	ug/l	Env. Eng.
1	CALCIUM		72500	ug/l	Env. Eng.
1	CHLORIDE		17800	ug/l	Env. Eng.
0	IRON		24	ug/l	Env. Eng.
1	POTASSIUM		7950	ug/l	Env. Eng.
0	MAGNESIUM		4790	ug/l	Env. Eng.
0	MANGANESE		4	ug/l	Env. Eng.
1	SODIUM		18200	ug/l	Env. Eng.
0	NICKEL		4	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SULFATE		104000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	GROSS ALPHA		3.75+-1.83	pCi/l	Rad. Meas.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		7.33+-2.28	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		6.92+-2.45	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.99+-0.47	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.33+-0.31	pCi/l	Rad. Meas.
0	TRITIUM		6.78+-0.31	pCi/ml	Rad. Meas.
0	TRITIUM		6.80+-0.31	pCi/ml	Rad. Meas.

WELL KAB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/24/89 Time 1630
Depth to water = 43.76 ft (13.34 m) below the TOC
Water elevation = 206.34 ft (62.89 m) msl
pH = 4.8 Alkalinity = 0 mg/L
Specific Conductance = 194 umhos/cm
Water Temperature = 20.0 degrees Celsius
Water evacuated from the well prior to sampling = 35 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		195.0	UMHC	Env. Eng.
0	PH		5.11	pH	Env. Eng.
0	BARIUM		32	ug/l	Env. Eng.
0	CALCIUM		8150	ug/l	Env. Eng.
0	CHLORIDE		8700	ug/l	Env. Eng.
1	IRON		224	ug/l	Env. Eng.
0	POTASSIUM		4200	ug/l	Env. Eng.
0	MAGNESIUM		4580	ug/l	Env. Eng.
0	MANGANESE		13	ug/l	Env. Eng.
1	SODIUM		10800	ug/l	Env. Eng.
1	NICKEL		10	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SULFATE		47600	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
1	GROSS ALPHA		9.33+-2.15	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		8.40+-1.29	pCi/l	Rad. Meas.
2	TOTAL RADIUM		9.74+-1.36	pCi/l	Rad. Meas.
0	TRITIUM		6.87+-0.32	pCi/ml	Rad. Meas.

WELL KAB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/24/89 Time 1605
Depth to water = 48.06 ft (14.65 m) below the TOC
Water elevation = 206.34 ft (62.89 m) msl
pH = 6.5 Alkalinity = 237 mg/L
Specific Conductance = 692 umhos/cm
Water Temperature = 20.3 degrees Celsius
Water evacuated from the well prior to sampling = 50 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		649.0	UMHC	Env. Eng.
1	PH		6.80	pH	Env. Eng.
1	BARIUM		92	ug/l	Env. Eng.
1	BARIUM		89	ug/l	Env. Eng.
1	CALCIUM		111000	ug/l	Env. Eng.
1	CALCIUM		114000	ug/l	Env. Eng.
1	CHLORIDE		15100	ug/l	Env. Eng.
0	IRON		33	ug/l	Env. Eng.
0	IRON		34	ug/l	Env. Eng.
1	POTASSIUM		13400	ug/l	Env. Eng.
1	POTASSIUM		13900	ug/l	Env. Eng.
1	MAGNESIUM		11300	ug/l	Env. Eng.
1	MAGNESIUM		12200	ug/l	Env. Eng.
0	MANGANESE		7	ug/l	Env. Eng.
0	MANGANESE		6	ug/l	Env. Eng.
1	SODIUM		16700	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.

CONTINUED

WELL KAB 4 COLLECTED ON 01/24/89 LABORATORY ANALYSES CONTINUED

1	SULFATE		75400	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
2	GROSS ALPHA		18.50+-4.70	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		24.30+-3.21	pCi/l	Rad. Meas.
2	TOTAL RADIUM		14.70+-1.72	pCi/l	Rad. Meas.
0	TRITIUM		9.27+-0.29	pCi/ml	Rad. Meas.

WELL KAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/25/89 Time 1120
Depth to water = 50.84 ft (15.50 m) below the TOC
Water elevation = 215.16 ft (65.58 m) msl
pH = 4.6 Alkalinity = 0 mg/L
Specific Conductance = 2450 umhos/cm
Water Temperature = 18.5 degrees Celsius
Water evacuated from the well prior to sampling = 42 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		2599	UMHC	Env. Eng.
0	PH		5.05	pH	Env. Eng.
0	TURBIDITY		4	NTU	Env. Eng.
1	SILVER		7	ug/l	Env. Eng.
0	ARSENIC	LT	4	ug/l	Env. Eng.
0	BARIUM		19	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		12400	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
1	CHLOROFORM		6	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
1	CHLORIDE		37800	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		9	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
1	FLUORIDE		520	ug/l	Env. Eng.
1	IRON		247	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1090	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
1	MAGNESIUM		13000	ug/l	Env. Eng.
2	MANGANESE		186	ug/l	Env. Eng.
1	SODIUM		491000	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		741	ug/l	Env. Eng.
2	LEAD		40	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		9680	ug/l	Env. Eng.
2	SULFATE		1217000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		1620000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		33	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		30	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
2	GROSS ALPHA		15.70+-12.2	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		17.20+-11.3	pCi/l	Rad. Meas.
2	TOTAL RADIUM		6.09+-1.08	pCi/l	Rad. Meas.
0	TRITIUM		1.68+-0.24	pCi/ml	Rad. Meas.

WELL KAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/25/89 Time 1140
Depth to water = 41.40 ft (12.62 m) below the TOC
Water elevation = 216.10 ft (65.87 m) msl
pH = 7.1 Alkalinity = 81 mg/L
Specific Conductance = 455 umhos/cm
Water Temperature = 19.5 degrees Celsius
Water evacuated from the well prior to sampling = 54 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		422.0	UMHC	Env. Eng.
1	PH		7.19	pH	Env. Eng.
0	TURBIDITY		2	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	4	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.

CONTINUED

WELL KAC 2 COLLECTED ON 01/25/89 LABORATORY ANALYSES CONTINUED

0	CALCIUM		587	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		6600	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		13	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		140	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		694	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		462	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
1	SODIUM		90200	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		114	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		4190	ug/l	Env. Eng.
1	SULFATE		108000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		240000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		10	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		8.21+-0.33	pCi/ml	Rad. Meas.

WELL KAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/24/89 Time 1735
Depth to water = 39.49 ft (12.04 m) below the TOC
Water elevation = 218.31 ft (66.54 m) msl
pH = 8.3 Alkalinity = 146 mg/L
Specific Conductance = 820 umhos/cm
Water Temperature = 18.7 degrees Celsius
Water evacuated from the well prior to sampling = 59 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		818.0	UMHC	Env. Eng.
2	PH		8.19	pH	Env. Eng.
0	TURBIDITY		5	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
1	ARSENIC		8	ug/l	Env. Eng.
0	BARIUM	LT	4	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		3260	ug/l	Env. Eng.
0	CALCIUM		3270	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
1	CHLORIDE		10100	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		4	ug/l	Env. Eng.
0	COPPER		6	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		380	ug/l	Env. Eng.
0	IRON		59	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		636	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		727	ug/l	Env. Eng.
0	MANGANESE		4	ug/l	Env. Eng.
1	SODIUM		164000	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		571	ug/l	Env. Eng.

CONTINUED

WELL KAC 3 COLLECTED ON 01/24/89 LABORATORY ANALYSES CONTINUED

0	NITRATE AS NITROGEN		584	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM		2	ug/l	Env. Eng.
1	SILICA		3870	ug/l	Env. Eng.
2	SULFATE		241000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		492000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1200	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		5	ug/l	Env. Eng.
1	TOTAL PHOSPHATES		640	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		8.63+-0.31	pCi/ml	Rad. Meas.

WELL KAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/24/89 Time 1810
Depth to water = 45.97 ft (14.01 m) below the TOC
Water elevation = 214.03 ft (65.24 m) msl
pH = 4.9 Alkalinity = 1 mg/L
Specific Conductance = 148 umhos/cm
Water Temperature = 18.1 degrees Celsius
Water evacuated from the well prior to sampling = 94 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		148.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		146.0	UMHC	Env. Eng.
0	PH		5.01	pH	Env. Eng.
0	PH		5.05	pH	Env. Eng.
0	TURBIDITY		1	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		7	ug/l	Env. Eng.
0	BARIUM		6	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		940	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
1	CHLOROFORM		7	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
1	CHLORIDE		11500	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		132	ug/l	Env. Eng.
0	IRON		120	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		483	ug/l	Env. Eng.
0	MAGNESIUM		456	ug/l	Env. Eng.
0	MANGANESE		7	ug/l	Env. Eng.
0	MANGANESE		6	ug/l	Env. Eng.
1	SODIUM		23600	ug/l	Env. Eng.
1	SODIUM		27300	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		483	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		6620	ug/l	Env. Eng.
1	SULFATE		36000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		78000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1200	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		7	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.

CONTINUED

WELL KAC 4 COLLECTED ON 01/24/89 LABORATORY ANALYSES CONTINUED

0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	GROSS ALPHA		1.55+-0.86	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.30+-0.86	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.23+-0.53	pCi/l	Rad. Meas.
0	TRITIUM		1.96+-0.24	pCi/ml	Rad. Meas.

WELL KAC 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/25/89 Time 1220
Depth to water = 40.85 ft (12.45 m) below the TOC
Water elevation = 218.15 ft (66.49 m) msl
pH = 5.0 Alkalinity = 4 mg/L
Specific Conductance = 82 umhos/cm
Water Temperature = 18.4 degrees Celsius
Water evacuated from the well prior to sampling = 11 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		71.10	UMHC	Env. Eng.
0	PH		5.59	pH	Env. Eng.
0	TURBIDITY		1	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	4	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		792	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		8400	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		39	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		505	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		1980	ug/l	Env. Eng.
0	MANGANESE		12	ug/l	Env. Eng.
1	SODIUM		7560	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		61	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		6200	ug/l	Env. Eng.
1	SULFATE		10600	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		42000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		7	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
1	1,1,1-TRICHLOROETHANE		11	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	GROSS ALPHA		0.73+-0.47	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.31+-0.83	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.45+-0.36	pCi/l	Rad. Meas.
0	TRITIUM		1.92+-0.24	pCi/ml	Rad. Meas.

WELL KAC 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/25/89 Time 1235
Depth to water = 41.14 ft (12.54 m) below the TOC
Water elevation = 217.86 ft (66.40 m) msl
pH = 5.0 Alkalinity = 3 mg/L
Specific Conductance = 97 umhos/cm
Water Temperature = 18.3 degrees Celsius
Water evacuated from the well prior to sampling = 8 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		83.80	UMHC	Env. Eng.
0	PH		5.25	pH	Env. Eng.
0	TURBIDITY		2	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		12	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		913	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		8600	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		71	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		990	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		431	ug/l	Env. Eng.
1	MANGANESE		40	ug/l	Env. Eng.
1	SODIUM		11200	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		74	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		7750	ug/l	Env. Eng.
1	SILICA		7790	ug/l	Env. Eng.
1	SULFATE		16000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		56000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		30	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	GROSS ALPHA		0.87+-0.56	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		0.98+-0.83	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.48+-0.35	pCi/l	Rad. Meas.
0	TRITIUM		1.18+-0.23	pCi/ml	Rad. Meas.

WELL KAC 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/25/89 Time 1200
Depth to water = 49.83 ft (15.19 m) below the TOC
Water elevation = 215.27 ft (65.62 m) msl
pH = 5.6 Alkalinity = 22 mg/L
Specific Conductance = 490 umhos/cm
Water Temperature = 18.5 degrees Celsius
Water evacuated from the well prior to sampling = 3 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		597.0	UMHC	Env. Eng.
0	PH		5.54	pH	Env. Eng.
0	TURBIDITY		4	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		15	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		8680	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.

CONTINUED

WELL KAC 7 COLLECTED ON 01/25/89 LABORATORY ANALYSES CONTINUED

1	CHLORIDE		14000	ug/l	Env. Eng.
1	CHLORIDE		14100	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		6	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
2	IRON		812	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		725	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		764	ug/l	Env. Eng.
1	MANGANESE		48	ug/l	Env. Eng.
1	SODIUM		78000	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		442	ug/l	Env. Eng.
0	LEAD		8	ug/l	Env. Eng.
1	PHENOLS		11	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		12700	ug/l	Env. Eng.
2	SULFATE		230000	ug/l	Env. Eng.
2	SULFATE		234000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		378000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		2100	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		7	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		80	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
1	GROSS ALPHA		10.30+-4.76	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.26+-2.09	pCi/l	Rad. Meas.
1	TOTAL RADIUM		4.13+-0.89	pCi/l	Rad. Meas.
0	TRITIUM		3.81+-0.27	pCi/ml	Rad. Meas.

WELL KCB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/25/89 Time 1100
Depth to water = 53.90 ft (16.43 m) below the TOC
Water elevation = 206.50 ft (62.94 m) msl
pH = 5.3 Alkalinity = 10 mg/L
Specific Conductance = 362 umhos/cm
Water Temperature = 19.8 degrees Celsius
Water evacuated from the well prior to sampling = 60 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		385.0	UMHC	Env. Eng.
0	PH		5.62	pH	Env. Eng.
0	BARIUM		30	ug/l	Env. Eng.
1	CALCIUM		46900	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
1	CHLORIDE		11900	ug/l	Env. Eng.
0	COPPER		14	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		54	ug/l	Env. Eng.
1	POTASSIUM		11700	ug/l	Env. Eng.
0	MAGNESIUM		452	ug/l	Env. Eng.
0	MANGANESE		11	ug/l	Env. Eng.
1	SODIUM		14200	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
1	SELENIUM		3	ug/l	Env. Eng.
2	SULFATE		132000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	ZINC		7	ug/l	Env. Eng.
1	GROSS ALPHA		5.33+-3.00	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		11.90+-2.61	pCi/l	Rad. Meas.
1	TOTAL RADIUM		4.75+-0.92	pCi/l	Rad. Meas.
0	TRITIUM		7.14+-0.33	pCi/ml	Rad. Meas.

WELL KCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/25/89 Time 1040
Depth to water = 50.08 ft (15.26 m) below the TOC
Water elevation = 204.32 ft (62.28 m) msl
pH = 4.3 Alkalinity = 0 mg/L
Specific Conductance = 78 umhos/cm
Water Temperature = 19.5 degrees Celsius
Water evacuated from the well prior to sampling = 43 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		56.90	UMHC	Env. Eng.
0	PH		4.69	pH	Env. Eng.
0	BARIUM		14	ug/l	Env. Eng.
0	CALCIUM		705	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		4000	ug/l	Env. Eng.
0	CHLORIDE		3100	ug/l	Env. Eng.
0	COPPER		7	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
1	IRON		237	ug/l	Env. Eng.
0	POTASSIUM		4350	ug/l	Env. Eng.
0	MAGNESIUM		512	ug/l	Env. Eng.
0	MANGANESE		8	ug/l	Env. Eng.
0	SODIUM		3380	ug/l	Env. Eng.
0	LEAD		18	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE		5800	ug/l	Env. Eng.
0	SULFATE		5800	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	ZINC		16	ug/l	Env. Eng.
0	GROSS ALPHA		4.53+-1.36	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		6.00+-1.14	pCi/l	Rad. Meas.
1	TOTAL RADIUM		4.12+-0.86	pCi/l	Rad. Meas.
2	TRITIUM		26.80+-0.63	pCi/ml	Rad. Meas.

WELL KCB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/25/89 Time 1020
Depth to water = 44.65 ft (13.61 m) below the TOC
Water elevation = 203.25 ft (61.95 m) msl
pH = 3.8 Alkalinity = 0 mg/L
Specific Conductance = 698 umhos/cm
Water Temperature = 19.9 degrees Celsius
Water evacuated from the well prior to sampling = 50 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		68.40	UMHC	Env. Eng.
1	PH		3.87	pH	Env. Eng.
0	BARIUM		40	ug/l	Env. Eng.
1	CALCIUM		59000	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		2400	ug/l	Env. Eng.
1	COPPER		27	ug/l	Env. Eng.
2	FLUORIDE		2040	ug/l	Env. Eng.
0	IRON		117	ug/l	Env. Eng.
0	POTASSIUM		3620	ug/l	Env. Eng.
1	MAGNESIUM		17200	ug/l	Env. Eng.
2	MANGANESE		1980	ug/l	Env. Eng.
1	SODIUM		6040	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
2	SULFATE		393000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		9	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		10	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
1	ZINC		374	ug/l	Env. Eng.
2	GROSS ALPHA		31.40+-8.40	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		20.90+-3.20	pCi/l	Rad. Meas.
2	TOTAL RADIUM		14.00+-1.54	pCi/l	Rad. Meas.
1	TRITIUM		13.90+-0.40	pCi/ml	Rad. Meas.

WELL KCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/25/89 Time 955
Depth to water = 49.24 ft (15.01 m) below the TOC
Water elevation = 206.36 ft (62.90 m) msl
pH = 6.7 Alkalinity = 61 mg/L
Specific Conductance = 388 umhos/cm
Water Temperature = 20.3 degrees Celsius
Water evacuated from the well prior to sampling = 45 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		366.0	UMHC	Env. Eng.
1	PH		6.63	pH	Env. Eng.
0	BARIUM		6	ug/l	Env. Eng.
1	CALCIUM		48000	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.

CONTINUED

WELL KCB 4 COLLECTED ON 01/25/89 LABORATORY ANALYSES CONTINUED

0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
1	CHLORIDE		16300	ug/l	Env. Eng.
0	COPPER		15	ug/l	Env. Eng.
0	FLUORIDE		380	ug/l	Env. Eng.
0	IRON		39	ug/l	Env. Eng.
1	POTASSIUM		10400	ug/l	Env. Eng.
0	MAGNESIUM		1130	ug/l	Env. Eng.
0	MANGANESE		5	ug/l	Env. Eng.
1	SODIUM		15200	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	SELENIUM		2	ug/l	Env. Eng.
1	SULFATE		90700	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		8	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	ZINC		13	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		9.02+-2.45	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.65+-0.37	pCi/l	Rad. Meas.
0	TRITIUM		8.68+-0.34	pCi/ml	Rad. Meas.

WELL KDB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/03/89 Time 1310
Depth to water = 65.40 ft (19.93 m) below the TOC
Water elevation = 207.70 ft (63.31 m) msl
pH = 4.9 Alkalinity = 0 mg/L
Specific Conductance = 94 umhos/cm
Water Temperature = 22.2 degrees Celsius
Water evacuated from the well prior to sampling = 22 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		77.00	UMHC	Env. Eng.
0	PH		5.00	pH	Env. Eng.
1	BARIUM		70	ug/l	Env. Eng.
0	CALCIUM		5520	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		3000	ug/l	Env. Eng.
1	IRON		268	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1980	ug/l	Env. Eng.
0	MAGNESIUM		1490	ug/l	Env. Eng.
2	MANGANESE		592	ug/l	Env. Eng.
0	SODIUM		3430	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		2960	ug/l	Env. Eng.
2	LEAD		81	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
1	SULFATE		11000	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		8.10	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		7.92	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
1	GROSS ALPHA		6.26+-6.21	pCi/l	HP, 735A
1	GROSS ALPHA		8.84+-1.56	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		12.90+-1.53	pCi/l	HP, 735A
1	NONVOLATILE BETA		10.20+-1.30	pCi/l	Rad. Meas.
1	TOTAL RADIUM		4.70+-1.00	pCi/l	Rad. Meas.
2	TRITIUM		618+-12.5	pCi/ml	HP, 735A
2	TRITIUM		615+-4.29	pCi/ml	Rad. Meas.

WELL KDB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/03/89 Time 1235
Depth to water = 66.72 ft (20.34 m) below the TOC
Water elevation = 206.78 ft (63.03 m) msl
pH = 5.1 Alkalinity = 5 mg/L
Specific Conductance = 71 umhos/cm
Water Temperature = 23.1 degrees Celsius
Water evacuated from the well prior to sampling = 79 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		59.40	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		59.20	UMHC	Env. Eng.
0	PH		5.28	pH	Env. Eng.
0	PH		5.24	pH	Env. Eng.
0	BARIUM		19	ug/l	Env. Eng.
0	CALCIUM		2810	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		2000	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	MAGNESIUM		653	ug/l	Env. Eng.

CONTINUED

WELL KDB 2 COLLECTED ON 03/03/89 LABORATORY ANALYSES CONTINUED

2	MANGANESE		88	ug/l	Env. Eng.
1	SODIUM		5300	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		2050	ug/l	Env. Eng.
2	LEAD		32	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		5.20	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		109	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		95.7	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	GROSS ALPHA		2.08+-3.55	pCi/l	HP, 735A
0	GROSS ALPHA		0.67+-0.62	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.86+-0.89	pCi/l	HP, 735A
0	NONVOLATILE BETA		2.41+-0.95	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.88+-0.47	pCi/l	Rad. Meas.
2	TRITIUM		3130+-62.7	pCi/ml	HP, 735A
2	TRITIUM		3470+-67.6	pCi/ml	Rad. Meas.

WELL KDB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/03/89 Time 1325
Depth to water = 65.65 ft (20.01 m) below the TOC
Water elevation = 207.75 ft (63.32 m) msl
pH = 6.0 Alkalinity = 69 mg/L
Specific Conductance = 242 umhos/cm
Water Temperature = 22.0 degrees Celsius
Water evacuated from the well prior to sampling = 23 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		194.0	UMHC	Env. Eng.
0	PH		5.94	pH	Env. Eng.
1	BARIUM		57	ug/l	Env. Eng.
1	CALCIUM		27000	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		4000	ug/l	Env. Eng.
2	IRON		761	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		4810	ug/l	Env. Eng.
0	MAGNESIUM		2840	ug/l	Env. Eng.
2	MANGANESE		129	ug/l	Env. Eng.
1	SODIUM		5650	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1780	ug/l	Env. Eng.
0	LEAD		18	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
1	SULFATE		23100	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		1.08	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		54	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		54.8	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	GROSS ALPHA		1.70+-5.22	pCi/l	HP, 735A
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		12.70+-2.29	pCi/l	HP, 735A
0	NONVOLATILE BETA		6.77+-1.58	pCi/l	Rad. Meas.
1	TOTAL RADIUM		2.52+-0.79	pCi/l	Rad. Meas.
2	TRITIUM		135+-2.83	pCi/ml	HP, 735A
2	TRITIUM		146+-2.06	pCi/ml	Rad. Meas.

WELL KRB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/26/89 Time 910
Depth to water = 61.00 ft (18.59 m) below the TOC
Water elevation = 205.50 ft (62.64 m) msl
pH = 5.2 Alkalinity = 10 mg/L
Specific Conductance = 39 umhos/cm
Water Temperature = 16.9 degrees Celsius
Water evacuated from the well prior to sampling = 1 gal
The well went dry during purging.

LABORATORY ANALYSES

0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.

CONTINUED

WELL KRB 1 COLLECTED ON 02/26/89 LABORATORY ANALYSES CONTINUED

0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	IRON		50	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MANGANESE		11	ug/l	Env. Eng.
0	SODIUM		2210	ug/l	Env. Eng.
2	LEAD		897	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1200	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
1	1,2-DICHLOROETHANE		6	ug/l	Env. Eng.
1	1,2-DICHLOROETHANE		8	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	GROSS ALPHA		3.83+-3.11	pCi/l	HP, 735A
0	NONVOLATILE BETA		2.20+-0.80	pCi/l	HP, 735A
2	TRITIUM		116+-2.46	pCi/ml	HP, 735A

WELL KRB 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/25/89 Time 1300
Depth to water = 60.18 ft (18.34 m) below the TOC
Water elevation = 207.72 ft (63.31 m) msl
pH = 4.5 Alkalinity = 0 mg/L
Specific Conductance = 50 umhos/cm
Water Temperature = 19.3 degrees Celsius
Water evacuated from the well prior to sampling = 18 gal

LABORATORY ANALYSES

0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		5600	ug/l	Env. Eng.
0	CHLORIDE		5400	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		41	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
1	MANGANESE		30	ug/l	Env. Eng.
1	SODIUM		5640	ug/l	Env. Eng.
2	LEAD		84	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		7	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	GROSS ALPHA		2.51+-1.61	pCi/l	HP, 735A
0	GROSS ALPHA		1.35+-0.63	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		8.51+-1.51	pCi/l	HP, 735A
0	NONVOLATILE BETA		2.72+-1.02	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.84+-0.70	pCi/l	Rad. Meas.
2	TRITIUM		12590+- 619	pCi/ml	HP, 735A
2	TRITIUM		11700+- 116	pCi/ml	Rad. Meas.

WELL KRB 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/25/89 Time 1325
The well was dry.

WELL KRB 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/26/89 Time 945
Depth to water = 80.00 ft (24.38 m) below the TOC
Water elevation = 202.50 ft (61.72 m) msl
pH = 5.5 Alkalinity = 8 mg/L
Specific Conductance = 56 umhos/cm
Water Temperature = 16.9 degrees Celsius
Water evacuated from the well prior to sampling = 2 gal
The well went dry during purging.

LABORATORY ANALYSES

0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
1	CADMIUM		5	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		9800	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MANGANESE		19	ug/l	Env. Eng.
1	SODIUM		6540	ug/l	Env. Eng.
2	LEAD		29	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		7	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		128	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
1	1,2-DICHLOROETHANE		32	ug/l	Env. Eng.
1	1,2-DICHLOROETHANE		31	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	GROSS ALPHA		0.67+-0.88	pCi/l	HP, 735A
1	GROSS ALPHA		5.45+-1.26	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.01+-0.89	pCi/l	HP, 735A
0	NONVOLATILE BETA		5.51+-1.19	pCi/l	Rad. Meas.
1	TOTAL RADIUM		4.97+-1.39	pCi/l	Rad. Meas.
2	TRITIUM		17803+- 362	pCi/ml	HP, 735A
2	TRITIUM		18800+- 144	pCi/ml	Rad. Meas.

WELL KRB 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/26/89 Time 1025
Depth to water = 66.09 ft (20.14 m) below the TOC
Water elevation = 203.51 ft (62.03 m) msl
pH = 7.1 Alkalinity = 35 mg/L
Specific Conductance = 63 umhos/cm
Water Temperature = 16.2 degrees Celsius
Water evacuated from the well prior to sampling = 1 gal
The well went dry during purging.

LABORATORY ANALYSES

0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2400	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		42	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MANGANESE		15	ug/l	Env. Eng.
1	SODIUM		5950	ug/l	Env. Eng.
0	LEAD		14	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		19	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		41	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
1	1,2-DICHLOROETHANE		22	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
1	GROSS ALPHA		6.25+-2.70	pCi/l	HP, 735A
0	GROSS ALPHA		4.24+-1.16	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		113+-8.92	pCi/l	HP, 735A
2	NONVOLATILE BETA		85.20+-3.21	pCi/l	Rad. Meas.
2	TOTAL RADIUM		6.50+-1.28	pCi/l	Rad. Meas.
2	TRITIUM		74785+-1519	pCi/ml	HP, 735A
2	TRITIUM		77700+- 296	pCi/ml	Rad. Meas

WELL KRP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/25/89 Time 1310
Depth to water = 48.29 ft (14.72 m) below the TOC
Water elevation = 215.61 ft (65.72 m) msl
pH = 4.3 Alkalinity = 0 mg/L
Specific Conductance = 47 umhos/cm
Water Temperature = 20.0 degrees Celsius
Water evacuated from the well prior to sampling = 22 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		34.00	UMHC	Env. Eng
0	BARIUM		20	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
1	COPPER		38	ug/l	Env. Eng.
1	IRON		222	ug/l	Env. Eng.
0	MANGANESE		24	ug/l	Env. Eng.
0	SODIUM		3840	ug/l	Env. Eng.
2	LEAD		33	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng
1	TRITIUM		11.10+-0.37	pCi/ml	Rad. Meas

WELL KRP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/25/89 Time 1330
Depth to water = 40.77 ft (12.43 m) below the TOC
Water elevation = 215.33 ft (65.63 m) msl
pH = 4.7 Alkalinity = 1 mg/L
Specific Conductance = 33 umhos/cm
Water Temperature = 19.4 degrees Celsius
Water evacuated from the well prior to sampling = 42 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		28.70	UMHC	Env. Eng.
0	BARIUM		19	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
1	COPPER		301	ug/l	Env. Eng.
0	IRON		23	ug/l	Env. Eng.
0	MANGANESE		6	ug/l	Env. Eng.
0	SODIUM		2880	ug/l	Env. Eng.
2	LEAD		42	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
1	TRITIUM		11.10+-0.37	pCi/ml	Rad. Meas.

WELL KRP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/25/89 Time 1355
Depth to water = 38.72 ft (11.80 m) below the TOC
Water elevation = 215.78 ft (65.77 m) msl
pH = 4.7 Alkalinity = 0 mg/L
Specific Conductance = 18 umhos/cm
Water Temperature = 19.7 degrees Celsius
Water evacuated from the well prior to sampling = 22 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		18.00	UMHC	Env. Eng.
0	BARIUM		22	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
1	COPPER		75	ug/l	Env. Eng.
2	IRON		382	ug/l	Env. Eng.
1	MANGANESE		32	ug/l	Env. Eng.
0	SODIUM		1110	ug/l	Env. Eng.
1	LEAD		24	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		2.00	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	TRITIUM		9.24+-0.35	pCi/ml	Rad. Meas.

WELL KRP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/25/89 Time 1430
Depth to water = 40.73 ft (12.41 m) below the TOC
Water elevation = 214.87 ft (65.49 m) msl
pH = 4.6 Alkalinity = 0 mg/L
Specific Conductance = 77 umhos/cm
Water Temperature = 19.0 degrees Celsius
Water evacuated from the well prior to sampling = 68 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		70.10	UMHC	Env. Eng.
0	BARIUM		38	ug/l	Env. Eng.
0	BARIUM		41	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	COPPER		20	ug/l	Env. Eng.
0	IRON		26	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
2	MANGANESE		78	ug/l	Env. Eng.
2	MANGANESE		73	ug/l	Env. Eng.
1	SODIUM		6450	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
1	SULFATE		11800	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		37.0	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		64	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		12.0	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
1	TRITIUM		11.40+-0.37	pCi/ml	Rad. Meas.

WELL KSB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/08/89 Time 1410
Depth to water = 62.87 ft (19.16 m) below the TOC
Water elevation = 204.53 ft (62.34 m) msl
pH = 4.6 Alkalinity = 0 mg/L
Specific Conductance = 27 umhos/cm
Water Temperature = 22.4 degrees Celsius
Water evacuated from the well prior to sampling = 75 gal

LABORATORY ANALYSES

0	PHENOLS	LT	5	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	GROSS ALPHA		0.91+-0.65	pCi/l	HP, 735A
0	NONVOLATILE BETA		1.22+-0.88	pCi/l	HP, 735A
0	CERIUM 144		0.00+-0.14	pCi/ml	HP, 735A
0	COBALT 60		0.00+-0.02	pCi/ml	HP, 735A
0	CHROMIUM 51		0.00+-0.20	pCi/ml	HP, 735A
0	CESIUM 134		0.00+-0.02	pCi/ml	HP, 735A
0	CESIUM 137		0.00+-0.02	pCi/ml	HP, 735A
0	IODINE 131		0.00+-0.07	pCi/ml	HP, 735A
0	RUTHENIUM 103		0.00+-0.02	pCi/ml	HP, 735A
0	RUTHENIUM 106		0.00+-0.16	pCi/ml	HP, 735A
0	ANTIMONY 125		0.00+-0.05	pCi/ml	HP, 735A
2	TRITIUM		256+-2.29	pCi/ml	HP, 735A
2	TRITIUM		240+-2.56	pCi/ml	Rad. Meas.
0	ZIRCONIUM/NIOBIUM 95		0.00+-0.03	pCi/ml	HP, 735A

WELL KSB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/08/89 Time 1430
Depth to water = 60.80 ft (18.53 m) below the TOC
Water elevation = 205.00 ft (62.48 m) msl
pH = 4.2 Alkalinity = 0 mg/L
Specific Conductance = 29 umhos/cm
Water Temperature = 21.5 degrees Celsius
Water evacuated from the well prior to sampling = 81 gal

LABORATORY ANALYSES

0	PHENOLS	LT	5	ug/l	Env. Eng.
0	GROSS ALPHA		0.63+-0.56	pCi/l	HP, 735A
0	NONVOLATILE BETA		1.34+-0.97	pCi/l	HP, 735A
0	CERIUM 144		0.00+-0.14	pCi/ml	HP, 735A
0	COBALT 60		0.00+-0.02	pCi/ml	HP, 735A
0	CHROMIUM 51		0.00+-0.21	pCi/ml	HP, 735A
0	CESIUM 134		0.00+-0.02	pCi/ml	HP, 735A
0	CESIUM 137		0.00+-0.02	pCi/ml	HP, 735A
0	IODINE 131		0.00+-0.08	pCi/ml	HP, 735A
0	RUTHENIUM 103		0.00+-0.02	pCi/ml	HP, 735A
0	RUTHENIUM 106		0.00+-0.17	pCi/ml	HP, 735A
0	ANTIMONY 125		0.00+-0.05	pCi/ml	HP, 735A
2	TRITIUM		38.90+-0.97	pCi/ml	HP, 735A
2	TRITIUM		35.80+-0.81	pCi/ml	Rad. Meas.
0	ZIRCONIUM/NIOBIUM 95		0.00+-0.04	pCi/ml	HP, 735A

WELL KSB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/08/89 Time 1450
Depth to water = 57.38 ft (17.49 m) below the TOC
Water elevation = 204.12 ft (62.22 m) msl
pH = 4.3 Alkalinity = 0 mg/L
Specific Conductance = 38 umhos/cm
Water Temperature = 21.4 degrees Celsius
Water evacuated from the well prior to sampling = 89 gal

LABORATORY ANALYSES

0	PHENOLS	LT	5	ug/l	Env. Eng.
0	GROSS ALPHA		-0.02+-0.23	pCi/l	HP, 735A
0	NONVOLATILE BETA		-0.07+-0.70	pCi/l	HP, 735A
0	CERIUM 144		0.00+-0.11	pCi/ml	HP, 735A
0	COBALT 60		0.00+-0.02	pCi/ml	HP, 735A
0	CHROMIUM 51		0.00+-0.12	pCi/ml	HP, 735A
0	CESIUM 134		0.00+-0.02	pCi/ml	HP, 735A
0	CESIUM 137		0.00+-0.02	pCi/ml	HP, 735A
0	IODINE 131		0.00+-0.01	pCi/ml	HP, 735A
0	RUTHENIUM 103		0.00+-0.02	pCi/ml	HP, 735A
0	RUTHENIUM 106		0.00+-0.14	pCi/ml	HP, 735A
0	ANTIMONY 125		0.00+-0.05	pCi/ml	HP, 735A
2	TRITIUM		148+-1.76	pCi/ml	HP, 735A
2	TRITIUM		128+-1.85	pCi/ml	Rad. Meas.
0	ZIRCONIUM/NIOBIUM 95		0.00+-0.03	pCi/ml	HP, 735A

WELL KSB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/08/89 Time 1510
Depth to water = 59.83 ft (18.24 m) below the TOC
Water elevation = 204.27 ft (62.26 m) msl
pH = 4.5 Alkalinity = 0 mg/L
Specific Conductance = 29 umhos/cm
Water Temperature = 22.7 degrees Celsius
Water evacuated from the well prior to sampling = 90 gal

LABORATORY ANALYSES

0	PHENOLS	LT	5	ug/l	Env. Eng.
0	GROSS ALPHA		0.51+-0.51	pCi/l	HP, 735A
0	NONVOLATILE BETA		0.13+-0.73	pCi/l	HP, 735A
0	CERIUM 144		0.00+-0.14	pCi/ml	HP, 735A
0	COBALT 60		0.00+-0.02	pCi/ml	HP, 735A
0	CHROMIUM 51		0.00+-0.22	pCi/ml	HP, 735A
0	CESIUM 134		0.00+-0.02	pCi/ml	HP, 735A
0	CESIUM 137		0.00+-0.02	pCi/ml	HP, 735A
0	IODINE 131		0.00+-0.09	pCi/ml	HP, 735A
0	RUTHENIUM 103		0.00+-0.02	pCi/ml	HP, 735A
0	RUTHENIUM 106		0.00+-0.17	pCi/ml	HP, 735A
0	ANTIMONY 125		0.00+-0.04	pCi/ml	HP, 735A
2	TRITIUM		278+-2.38	pCi/ml	HP, 735A
2	TRITIUM		259+-2.58	pCi/ml	Rad. Meas.
0	ZIRCONIUM/NIOBIUM 95		0.00+-0.06	pCi/ml	HP, 735A

WELL KSS 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/16/89 Time 940
Depth to water = 59.43 ft (18.11 m) below the TOC
Water elevation = 170.37 ft (51.93 m) msl
pH = 6.3 Alkalinity = 31 mg/L
Specific Conductance = 80 umhos/cm
Water Temperature = 19.4 degrees Celsius
Water evacuated from the well prior to sampling = 43 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		85.80	UMHC	Env. Eng.
0	PH		5.54	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		13	ug/l	Env. Eng.
0	BARIUM		12	ug/l	Env. Eng.
1	CALCIUM		13000	ug/l	Env. Eng.
1	CALCIUM		12700	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLORIDE		3600	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		8	ug/l	Env. Eng.
0	COPPER		7	ug/l	Env. Eng.
0	FLUORIDE		120	ug/l	Env. Eng.
0	IRON		46	ug/l	Env. Eng.
0	IRON		26	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		558	ug/l	Env. Eng.
0	POTASSIUM		681	ug/l	Env. Eng.
0	MAGNESIUM		595	ug/l	Env. Eng.
0	MAGNESIUM		597	ug/l	Env. Eng.
2	MANGANESE		72	ug/l	Env. Eng.
2	MANGANESE		71	ug/l	Env. Eng.
0	SODIUM		3620	ug/l	Env. Eng.
0	SODIUM		3400	ug/l	Env. Eng.
1	NICKEL		11	ug/l	Env. Eng.
1	NICKEL		10	ug/l	Env. Eng.
0	NITRITE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		487	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		7270	ug/l	Env. Eng.
1	SILICA		7350	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		54000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		6	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		6	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		101	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.02+-0.84	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		1.49+-0.26	pCi/ml	Rad. Meas.

WELL KSS 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/19/89 Time 1240
Depth to water = 31.62 ft (9.64 m) below the TOC
Water elevation = 160.68 ft (48.98 m) msl
pH = 6.2 Alkalinity = 13 mg/L
Specific Conductance = 53 umhos/cm
Water Temperature = 18.5 degrees Celsius
Water evacuated from the well prior to sampling = 12 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		52.29	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		46.85	UMHC	Env. Eng.
0	PH		6.03	pH	Env. Eng.
0	PH		5.96	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	4	ug/l	Env. Eng.
0	BARIUM	LT	4	ug/l	Env. Eng.
0	CALCIUM		891	ug/l	Env. Eng.
0	CALCIUM		938	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLORIDE		2700	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
2	IRON		917	ug/l	Env. Eng.
2	IRON		899	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	MAGNESIUM		118	ug/l	Env. Eng.
0	MAGNESIUM		118	ug/l	Env. Eng.
1	MANGANESE		50	ug/l	Env. Eng.
1	MANGANESE		50	ug/l	Env. Eng.
1	SODIUM		8540	ug/l	Env. Eng.
1	SODIUM		8190	ug/l	Env. Eng.
1	NICKEL		17	ug/l	Env. Eng.
1	NICKEL		18	ug/l	Env. Eng.
0	NITRITE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		194	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	LEAD		6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		10100	ug/l	Env. Eng.
0	SULFATE		6700	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		54000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		21	ug/l	Env. Eng.
0	GROSS ALPHA		1.34+-0.90	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.38+-0.84	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		1.68+-0.27	pCi/ml	Rad. Meas.

WELL KSS 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/12/89 Time 920
Depth to water = 25.12 ft (7.66 m) below the TOC
Water elevation = 160.08 ft (48.79 m) msl
pH = 6.5 Alkalinity = 30 mg/L
Specific Conductance = 73 umhos/cm
Water Temperature = 18.0 degrees Celsius
Water evacuated from the well prior to sampling = 67 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		66.00	UMHC	Env. Lab
0	SPECIFIC CONDUCTANCE		68.00	UMHC	W. A.
0	SPECIFIC CONDUCTANCE		67.80	UMHC	W. A.
0	SPECIFIC CONDUCTANCE		73.60	UMHC	Env. Eng.
0	PH		6.40	pH	Env. Lab
0	PH		6.40	pH	W. A.
1	PH		6.50	pH	W. A.
0	PH		6.05	pH	Env. Eng.
0	SILVER	LT	10	ug/l	Env. Lab
0	SILVER	LT	10	ug/l	W. A.
0	SILVER	LT	2	ug/l	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
2	ALUMINUM		468	ug/l	W. A.
0	ARSENIC	LT	5	ug/l	Env. Lab
0	ARSENIC	LT	10	ug/l	W. A.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	100	ug/l	Env. Lab
0	BARIUM	LT	200	ug/l	W. A.
0	BARIUM		12	ug/l	Env. Eng.
0	BERYLLIUM	LT	5	ug/l	W. A.
1	CALCIUM		13000	ug/l	Env. Lab
1	CALCIUM		11400	ug/l	W. A.
1	CALCIUM		13000	ug/l	Env. Eng.
0	CADMIUM	LT	10	ug/l	Env. Lab
0	CADMIUM	LT	5	ug/l	W. A.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLORIDE		2000	ug/l	Env. Lab
0	CHLORIDE	LT	5000	ug/l	W. A.
0	CHLORIDE		2900	ug/l	Env. Eng.

CONTINUED

WELL KSS 3D COLLECTED ON 03/12/89 LABORATORY ANALYSES CONTINUED

0	COBALT	LT	50	ug/l	W. A.
0	CHROMIUM	LT	50	ug/l	Env. Lab.
1	CHROMIUM		18	ug/l	W. A.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	20	ug/l	Env. Lab.
1	COPPER		61	ug/l	W. A.
0	COPPER		12	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Lab.
0	FLUORIDE	LT	100	ug/l	W. A.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	50	ug/l	Env. Lab.
0	IRON	LT	100	ug/l	W. A.
0	IRON		24	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Lab.
0	MERCURY	LT	0.20	ug/l	W. A.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	1000	ug/l	Env. Lab.
1	POTASSIUM		11300	ug/l	W. A.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	LITHIUM	LT	50	ug/l	W. A.
0	MAGNESIUM		390	ug/l	Env. Lab.
0	MAGNESIUM	LT	5000	ug/l	W. A.
0	MAGNESIUM		401	ug/l	Env. Eng.
1	MANGANESE		40	ug/l	Env. Lab.
1	MANGANESE		37	ug/l	W. A.
1	MANGANESE		32	ug/l	Env. Eng.
0	SODIUM		1700	ug/l	Env. Lab.
0	SODIUM	LT	5000	ug/l	W. A.
0	SODIUM		1660	ug/l	Env. Eng.
0	NICKEL	LT	50	ug/l	Env. Lab.
0	NICKEL	LT	40	ug/l	W. A.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRITE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		500	ug/l	Env. Lab.
0	NITRATE AS NITROGEN		360	ug/l	W. A.
0	NITRATE AS NITROGEN		380	ug/l	Env. Eng.
0	LEAD	LT	100	ug/l	Env. Lab.
0	LEAD	LT	5	ug/l	W. A.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Lab.
0	PHENOLS	LT	5	ug/l	W. A.
0	PHENOLS	LT	5	ug/l	W. A.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	60	ug/l	W. A.
0	SELENIUM	LT	10	ug/l	Env. Lab.
0	SELENIUM	LT	5	ug/l	W. A.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		7340	ug/l	Env. Lab.
1	SILICA		3540	ug/l	W. A.
1	SILICA		7620	ug/l	Env. Eng.
0	TIN	LT	100	ug/l	W. A.
0	SULFATE		7000	ug/l	Env. Lab.
0	SULFATE	LT	5000	ug/l	W. A.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		48000	ug/l	Env. Lab.
0	TOTAL DISSOLVED SOLIDS		51000	ug/l	W. A.
0	TOTAL DISSOLVED SOLIDS		52000	ug/l	Env. Eng.
0	THALLIUM	LT	10	ug/l	W. A.
0	TOTAL ORGANIC CARBON	LT	5000	ug/l	Env. Lab.
0	TOTAL ORGANIC CARBON		830	ug/l	W. A.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	10	ug/l	Env. Lab.
0	TOTAL ORGANIC HALOGENS	LT	20	ug/l	W. A.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		30	ug/l	Env. Lab.
0	TOTAL PHOSPHATES	LT	50	ug/l	W. A.
0	TOTAL PHOSPHATES		52	ug/l	Env. Eng.
1	URANIUM		1200	ug/l	W. A.
0	VANADIUM	LT	50	ug/l	W. A.
0	ZINC		36	ug/l	W. A.
0	GROSS ALPHA	LT	0.70	pCi/l	Env. Lab.
0	GROSS ALPHA		0.00+-5.00	pCi/l	W. A.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	0.92	pCi/l	Env. Lab.
0	NONVOLATILE BETA		0.00+-2.00	pCi/l	W. A.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	0.38	pCi/l	Env. Lab.
0	TOTAL RADIUM		0.00+-0.20	pCi/l	W. A.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		2.74+-0.55	pCi/ml	Env. Lab.
0	TRITIUM		3.90+-0.60	pCi/ml	W. A.
0	TRITIUM		3.34+-0.25	pCi/ml	Rad. Meas.
0	TRITIUM		3.32+-0.25	pCi/ml	Rad. Meas.

WELL KSS 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/12/89 Time 920
Depth to water = 25.12 ft (7.66 m) below the TOC
Water elevation = 160.08 ft (48.79 m) msl
pH = 6.5 Alkalinity = 30 mg/L
Specific Conductance = 73 umhos/cm
Water Temperature = 18.0 degrees Celsius
Water evacuated from the well prior to sampling = 67 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		75.30	UMHC	Env. Eng.
0	PH		5.93	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		12	ug/l	Env. Eng.
1	CALCIUM		14000	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLORIDE		2900	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		12	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		29	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	MAGNESIUM		410	ug/l	Env. Eng.
1	MANGANESE		33	ug/l	Env. Eng.
0	SODIUM		1650	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRITE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		382	ug/l	Env. Eng
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		7570	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		48000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		6	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		42	ug/l	Env. Eng
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		3.30+-0.25	pCi/ml	Rad. Meas.

WELL LAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/20/89 Time 1610
Depth to water = 26.79 ft (8.17 m) below the TOC
Water elevation = 211.41 ft (64.44 m) msl
pH = 4.4 Alkalinity = 0 mg/L
Specific Conductance = 29 umhos/cm
Water Temperature = 20.5 degrees Celsius
Water evacuated from the well prior to sampling = 59 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		23.00	UMHC	Env. Eng.
0	PH		4.96	pH	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
1	COPPER		46	ug/l	Env. Eng.
0	IRON		123	ug/l	Env. Eng.
0	SODIUM		2110	ug/l	Env. Eng.
0	LEAD		14	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
1	TRICHLOROETHYLENE		1.00	ug/l	Env. Eng
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng
0	TRITIUM		1.76+-0.24	pCi/ml	Rad. Meas

WELL LAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/20/89 Time 1630
Depth to water = 28.45 ft (8.67 m) below the TOC
Water elevation = 211.75 ft (64.54 m) msl
pH = 4.5 Alkalinity = 0 mg/L
Specific Conductance = 32 umhos/cm
Water Temperature = 20.6 degrees Celsius
Water evacuated from the well prior to sampling = 48 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		37.30	UMHC	Env. Eng.
0	PH		4.05	pH	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
2	COPPER		910	ug/l	Env. Eng
0	IRON	LT	20	ug/l	Env. Eng.
0	SODIUM		1950	ug/l	Env. Eng
2	LEAD		72	ug/l	Env. Eng

CONTINUED

WELL LAC 2 COLLECTED ON 01/20/89 LABORATORY ANALYSES CONTINUED

0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		15.0	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	TRITIUM		1.97+-0.24	pCi/ml	Rad. Meas.

WELL LAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/20/89 Time 1715
Depth to water = 26.23 ft (8.00 m) below the TOC
Water elevation = 211.57 ft (64.49 m) msl
pH = 9.4 Alkalinity = 107 mg/L
Specific Conductance = 264 umhos/cm
Water Temperature = 19.2 degrees Celsius
Water evacuated from the well prior to sampling = 61 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		270.0	UMHC	Env. Eng.
2	PH		9.21	pH	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		16	ug/l	Env. Eng.
0	IRON		36	ug/l	Env. Eng.
1	SODIUM		53400	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	SULFATE		9300	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		22.0	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		19	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		32.0	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	TRITIUM		3.69+-0.27	pCi/ml	Rad. Meas.

WELL LAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/20/89 Time 1555
Depth to water = 26.09 ft (7.95 m) below the TOC
Water elevation = 211.01 ft (64.32 m) msl
pH = 6.4 Alkalinity = 62 mg/L
Specific Conductance = 210 umhos/cm
Water Temperature = 19.9 degrees Celsius
Water evacuated from the well prior to sampling = 67 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		207.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		204.0	UMHC	Env. Eng.
1	PH		6.51	pH	Env. Eng.
1	PH		6.71	pH	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		14	ug/l	Env. Eng.
0	IRON		21	ug/l	Env. Eng.
1	SODIUM		37000	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
1	SULFATE		31700	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		2.00	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		6	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		8.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	TRITIUM		3.19+-0.26	pCi/ml	Rad. Meas.

WELL LCO 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/28/89 Time 1725
Depth to water = 31.74 ft (9.67 m) below the TOC
Water elevation = 208.96 ft (63.69 m) msl
pH = 5.2 Alkalinity = 2 mg/L
Specific Conductance = 55 umhos/cm
Water Temperature = 19.8 degrees Celsius
Water evacuated from the well prior to sampling = 5 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		37.10	UMHC	Env. Eng.
0	PH		5.70	pH	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		1800	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	IRON		143	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
1	POTASSIUM		8050	ug/l	Env. Eng.
0	MANGANESE		4	ug/l	Env. Eng.
0	SODIUM		2980	ug/l	Env. Eng.
1	NICKEL		20	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.

CONTINUED

WELL LCO 1 COLLECTED ON 02/28/89 LABORATORY ANALYSES CONTINUED

1	TETRACHLOROETHYLENE		3.99	ug/l	Env. Eng
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
1	TOTAL PHOSPHATES		977	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	GROSS ALPHA		1.84+-1.44	pCi/l	HP, 735A
1	NONVOLATILE BETA		13.70+-1.97	pCi/l	HP, 735A
1	NONVOLATILE BETA		27.60+-1.91	pCi/l	Rad. Meas.
1	TOTAL RADIUM		4.54+-0.97	pCi/l	Rad. Meas.
2	TRITIUM		296+-6.04	pCi/ml	HP, 735A
2	TRITIUM		291+-13.2	pCi/ml	Rad. Meas.

WELL LCO 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/28/89 Time 1700
Depth to water = 30.59 ft (9.32 m) below the TOC
Water elevation = 211.01 ft (64.32 m) msl
pH = 4.4 Alkalinity = 0 mg/L
Specific Conductance = 38 umhos/cm
Water Temperature = 21.3 degrees Celsius
Water evacuated from the well prior to sampling = 55 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		37.70	UMHC	Env. Eng.
0	PH		4.24	pH	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		1950	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
1	IRON		228	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	MANGANESE		4	ug/l	Env. Eng
0	SODIUM		2460	ug/l	Env. Eng
0	NICKEL		7	ug/l	Env. Eng
0	LEAD		18	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng
2	TETRACHLOROETHYLENE		7.23	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		6.56+-0.30	pCi/ml	Rad. Meas.

WELL LCO 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/20/89 Time 1740
Depth to water = 30.16 ft (9.19 m) below the TOC
Water elevation = 211.24 ft (64.39 m) msl
pH = 9.8 Alkalinity = 150 mg/L
Specific Conductance = 360 umhos/cm
Water Temperature = 20.1 degrees Celsius
Water evacuated from the well prior to sampling = 39 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		356.0	UMHC	Env. Eng
2	PH		9.60	pH	Env. Eng
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng
0	CHLOROFORM	LT	1	ug/l	Env. Eng
0	CHLORIDE		2500	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	IRON		35	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng
0	MERCURY	LT	0.20	ug/l	Env. Eng
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	MANGANESE		3	ug/l	Env. Eng
1	SODIUM		75400	ug/l	Env. Eng
0	NICKEL	LT	4	ug/l	Env. Eng
0	LEAD	LT	6	ug/l	Env. Eng
0	PHENOLS	LT	5	ug/l	Env. Eng
0	SELENIUM	LT	2	ug/l	Env. Eng
0	SULFATE		9200	ug/l	Env. Eng
2	TETRACHLOROETHYLENE		19.0	ug/l	Env. Eng
2	TOTAL ORGANIC HALOGENS		32	ug/l	Env. Eng
1	TOTAL ORGANIC HALOGENS		23	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		210	ug/l	Env. Eng
2	TRICHLOROETHYLENE		11.0	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		4.09+-0.27	pCi/ml	Rad. Meas

WELL LCO 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/28/89 Time 1640
Depth to water = 30.45 ft (9.28 m) below the TOC
Water elevation = 206.75 ft (63.02 m) msl
pH = 4.8 Alkalinity = 0 mg/L
Specific Conductance = 1109 umhos/cm
Water Temperature = 20.5 degrees Celsius
Water evacuated from the well prior to sampling = 38 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		636.0 UMHC	Env. Eng.
0	PH		4.81 pH	Env. Eng.
0	ARSENIC	LT	2 ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00 ug/l	Env. Eng.
0	CHLOROFORM	LT	1 ug/l	Env. Eng.
0	CHLORIDE		9500 ug/l	Env. Eng.
0	CHROMIUM	LT	4 ug/l	Env. Eng.
1	IRON		271 ug/l	Env. Eng.
1	MERCURY		0.64 ug/l	Env. Eng.
0	POTASSIUM		982 ug/l	Env. Eng.
2	MANGANESE		88 ug/l	Env. Eng.
1	SODIUM		211000 ug/l	Env. Eng.
1	NICKEL		10 ug/l	Env. Eng.
0	LEAD		16 ug/l	Env. Eng.
0	PHENOLS	LT	5 ug/l	Env. Eng.
0	SELENIUM	LT	2 ug/l	Env. Eng.
2	SULFATE		270000 ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		51.8 ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		46 ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		45 ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20 ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00 ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	Env. Eng.
1	GROSS ALPHA		12.50+-15.1 pCi/l	HP, 735A
0	NONVOLATILE BETA		-3.01+-8.34 pCi/l	HP, 735A
0	NONVOLATILE BETA	LT	2 pCi/l	Rad. Meas.
1	TOTAL RADIUM		4.23+-0.96 pCi/l	Rad. Meas.
2	TRITIUM		46.60+-1.58 pCi/ml	HP, 735A
2	TRITIUM		119+-10.7 pCi/ml	Rad. Meas.

WELL LDB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/28/89 Time 1550
Depth to water = 40.62 ft (12.38 m) below the TOC
Water elevation = 212.28 ft (64.70 m) msl
pH = 4.5 Alkalinity = 0 mg/L
Specific Conductance = 71 umhos/cm
Water Temperature = 21.1 degrees Celsius
Water evacuated from the well prior to sampling = 19 gal
The well went dry during purging.

LABORATORY ANALYSES

0	CARBON TETRACHLORIDE	LT	1.00 ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00 ug/l	Env. Eng.
0	CHLOROFORM	LT	1 ug/l	Env. Eng.
0	CHLOROFORM	LT	1 ug/l	Env. Eng.
0	CHLORIDE		2450 ug/l	Env. Eng.
0	CHROMIUM	LT	4 ug/l	Env. Eng.
1	IRON		223 ug/l	Env. Eng.
0	MERCURY	LT	0.20 ug/l	Env. Eng.
1	MANGANESE		28 ug/l	Env. Eng.
2	LEAD		46 ug/l	Env. Eng.
0	PHENOLS	LT	5 ug/l	Env. Eng.
0	SULFATE	LT	5000 ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		7.89 ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		8.58 ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		53 ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00 ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00 ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	Env. Eng.

WELL LDB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/28/89 Time 1605
Depth to water = 39.49 ft (12.04 m) below the TOC
Water elevation = 212.41 ft (64.74 m) msl
pH = 5.0 Alkalinity = 0 mg/L
Specific Conductance = 67 umhos/cm
Water Temperature = 20.9 degrees Celsius
Water evacuated from the well prior to sampling = 18 gal
The well went dry during purging.

LABORATORY ANALYSES

0	CARBON TETRACHLORIDE	LT	1.00 ug/l	Env. Eng.
0	CHLOROFORM	LT	1 ug/l	Env. Eng.
0	CHLORIDE		6120 ug/l	Env. Eng.
0	CHLORIDE		5980 ug/l	Env. Eng.
0	CHROMIUM	LT	4 ug/l	Env. Eng.
0	IRON		101 ug/l	Env. Eng.
0	MERCURY	LT	0.20 ug/l	Env. Eng.
1	MANGANESE		40 ug/l	Env. Eng.
2	LEAD		34 ug/l	Env. Eng.
0	PHENOLS	LT	5 ug/l	Env. Eng.
0	SULFATE		5930 ug/l	Env. Eng.
0	SULFATE		5920 ug/l	Env. Eng.

CONTINUED

WELL LDB 2 COLLECTED ON 02/28/89 LABORATORY ANALYSES CONTINUED

0	TETRACHLOROETHYLENE	LT	1.00 ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		137 ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00 ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	Env. Eng.

WELL LFW 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/24/89 Time 1250
Depth to water = 20.25 ft (6.17 m) below the TOC
Water elevation = 151.45 ft (46.16 m) msl
pH = 6.5 Alkalinity = 61 mg/L
Specific Conductance = 167 umhos/cm
Water Temperature = 18.8 degrees Celsius
Water evacuated from the well prior to sampling = 30 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		54.00 UMHC	Env. Eng.
0	PH		5.60 pH	Env. Eng.
1	ARSENIC		4 ug/l	Env. Eng.
0	CALCIUM		1630 ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00 ug/l	Env. Eng.
0	CADMIUM	LT	2 ug/l	Env. Eng.
0	CHLOROFORM	LT	1 ug/l	Env. Eng.
0	CHLORIDE		3900 ug/l	Env. Eng.
0	CHROMIUM	LT	4 ug/l	Env. Eng.
0	CYANIDE	LT	5 ug/l	Env. Eng.
0	ENDRIN	LT	0.10 ug/l	Env. Eng.
0	FLUORIDE	LT	100 ug/l	Env. Eng.
2	IRON		25400 ug/l	Env. Eng.
0	MERCURY	LT	0.20 ug/l	Env. Eng.
0	LINDANE	LT	0.05 ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50 ug/l	Env. Eng.
0	MAGNESIUM		3030 ug/l	Env. Eng.
0	MANGANESE		22 ug/l	Env. Eng.
0	SODIUM		4140 ug/l	Env. Eng.
0	LEAD	LT	6 ug/l	Env. Eng.
0	PHENOLS	LT	5 ug/l	Env. Eng.
0	SILVEX	LT	0.09 ug/l	Env. Eng.
0	SULFATE	LT	5000 ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00 ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1900 ug/l	Env. Eng
0	TOTAL ORGANIC NITROGEN	LT	5000 ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		51 ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20 ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00 ug/l	Env. Eng.
0	TOXAPHENE	LT	1 ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 ug/l	Env. Eng.
0	GROSS ALPHA	LT	3 pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.66+-1.01 pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.61+-0.61 pCi/l	Rad. Meas.
0	TRITIUM		5.44+-0.30 pCi/ml	Rad. Meas.

WELL LFW 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/24/89 Time 1220
Depth to water = 21.35 ft (6.51 m) below the TOC
Water elevation = 150.05 ft (45.74 m) msl
pH = 6.7 Alkalinity = 204 mg/L
Specific Conductance = 590 umhos/cm
Water Temperature = 19.2 degrees Celsius
Water evacuated from the well prior to sampling = 28 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		331.0 UMHC	Env. Eng.
0	PH		5.99 pH	Env. Eng
2	ARSENIC		31 ug/l	Env. Eng.
1	CALCIUM		19000 ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00 ug/l	Env. Eng.
0	CADMIUM	LT	2 ug/l	Env. Eng
0	CHLOROFORM	LT	1 ug/l	Env. Eng
1	CHLORIDE		25500 ug/l	Env. Eng.
0	CHROMIUM	LT	4 ug/l	Env. Eng
0	CYANIDE	LT	5 ug/l	Env. Eng
0	ENDRIN	LT	0.10 ug/l	Env. Eng.
0	FLUORIDE		110 ug/l	Env. Eng
2	IRON		71200 ug/l	Env. Eng
0	MERCURY	LT	0.20 ug/l	Env. Eng
0	MERCURY	LT	0.20 ug/l	Env. Eng.
0	LINDANE	LT	0.05 ug/l	Env. Eng
0	METHOXYCHLOR	LT	0.50 ug/l	Env. Eng
1	MAGNESIUM		17100 ug/l	Env. Eng
1	MANGANESE		27 ug/l	Env. Eng
1	SODIUM		28800 ug/l	Env. Eng.
0	LEAD		12 ug/l	Env. Eng.
1	PHENOLS		16 ug/l	Env. Eng.
1	PHENOLS		16 ug/l	Env. Eng.
1	SILVEX		0.33 ug/l	Env. Eng.
0	SULFATE	LT	5000 ug/l	Env. Eng
0	TETRACHLOROETHYLENE	LT	1.00 ug/l	Env. Eng.
1	TOTAL ORGANIC CARBON		7700 ug/l	Env. Eng.
0	TOTAL ORGANIC NITROGEN	LT	5000 ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		421 ug/l	Env. Eng.
0	TOTAL PHOSPHATES		40 ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00 ug/l	Env. Eng.
0	TOXAPHENE	LT	1 ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	Env. Eng

CONTINUED

WELL LFW 7 COLLECTED ON 01/24/89 LABORATORY ANALYSES CONTINUED

0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
2	GROSS ALPHA		17.10+-4.17	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		15.80+-2.75	pCi/l	Rad. Meas.
2	TOTAL RADIUM		7.20+-1.31	pCi/l	Rad. Meas.
0	TRITIUM		9.88+-0.36	pCi/ml	Rad. Meas.

WELL LFW 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/14/89 Time 1615
Depth to water = 22.46 ft (6.85 m) below the TOC
Water elevation = 148.04 ft (45.12 m) msl
pH = 6.9 Alkalinity = 214 mg/L
Specific Conductance = 455 umhos/cm
Water Temperature = 18.8 degrees Celsius
Water evacuated from the well prior to sampling = 26 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		259.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		248.0	UMHC	Env. Eng.
0	PH		6.10	pH	Env. Eng.
0	PH		6.14	pH	Env. Eng.
1	ARSENIC		12	ug/l	Env. Eng.
0	CALCIUM		7600	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
1	CHLORIDE		95800	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE		410	ug/l	Env. Eng.
2	IRON		61200	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		1420	ug/l	Env. Eng.
1	MANGANESE		46	ug/l	Env. Eng.
1	SODIUM		23200	ug/l	Env. Eng.
0	LEAD		8	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
1	TOTAL ORGANIC CARBON		9600	ug/l	Env. Eng.
0	TOTAL ORGANIC NITROGEN	LT	5000	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		302	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		302	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		34	ug/l	Env. Eng.
1	TRICHLOROETHYLENE		2.20	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA		4.14+-1.81	pCi/l	HP, 735A
0	GROSS ALPHA		3.44+-1.91	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		7.67+-2.16	pCi/l	HP, 735A
0	NONVOLATILE BETA		8.70+-2.37	pCi/l	Rad. Meas.
1	TOTAL RADIUM		2.64+-0.71	pCi/l	Rad. Meas.
1	TRITIUM		13.70+-0.98	pCi/ml	HP, 735A
1	TRITIUM		14.00+-0.39	pCi/ml	Rad. Meas.

WELL LFW 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/22/89 Time 1050
Depth to water = 25.47 ft (7.76 m) below the TOC
Water elevation = 150.03 ft (45.73 m) msl
pH = 4.8 Alkalinity = 1 mg/L
Specific Conductance = 20 umhos/cm
Water Temperature = 18.8 degrees Celsius
Water evacuated from the well prior to sampling = 125 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		19.00	UMHC	Env. Lab.
0	SPECIFIC CONDUCTANCE		13.50	UMHC	W. A.
0	SPECIFIC CONDUCTANCE		29.20	UMHC	Env. Eng.
0	PH		5.00	pH	Env. Lab.
0	PH		5.00	pH	W. A.
0	PH		5.09	pH	Env. Eng.
0	SILVER	LT	10	ug/l	W. A.
0	ALUMINUM	LT	200	ug/l	W. A.
0	ARSENIC	LT	5	ug/l	Env. Lab.
0	ARSENIC	LT	100	ug/l	W. A.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	200	ug/l	W. A.
0	BROMODICHLOROMETHANE	LT	3	ug/l	Env. Lab.
0	CALCIUM		530	ug/l	Env. Lab.
0	CALCIUM	LT	5000	ug/l	W. A.
0	CALCIUM		754	ug/l	Env. Eng.
1	TRICHLOROFLUOROMETHANE		71	ug/l	Env. Lab.
0	CARBON TETRACHLORIDE	LT	2.50	ug/l	Env. Lab.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	W. A.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	10	ug/l	Env. Lab.
0	CADMIUM	LT	5	ug/l	W. A.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	3	ug/l	Env. Lab.
0	CHLOROFORM	LT	3	ug/l	Env. Lab.
0	CHLOROFORM	LT	1	ug/l	W. A.

CONTINUED

WELL LFW 10A COLLECTED ON 03/22/89 LABORATORY ANALYSES CONTINUED

0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	3	ug/l	Env. Lab
0	BROMOMETHANE	LT	3	ug/l	Env. Lab
0	CHLOROMETHANE	LT	3	ug/l	Env. Lab.
0	CHLORIDE		9000	ug/l	Env. Lab
0	CHLORIDE	LT	5000	ug/l	W. A.
0	CHLORIDE		3100	ug/l	Env. Eng
0	CHLOROBENZENE	LT	3	ug/l	Env. Lab
0	COBALT	LT	50	ug/l	W. A.
0	CHROMIUM	LT	50	ug/l	Env. Lab.
0	CHROMIUM	LT	10	ug/l	W. A.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	25	ug/l	W. A.
0	CYANIDE	LT	20	ug/l	Env. Lab.
0	CYANIDE	LT	10	ug/l	W. A.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	3	ug/l	Env. Lab
0	CHLOROETHANE	LT	3	ug/l	Env. Lab.
1	BENZENE		3	ug/l	Env. Lab.
0	DIBROMOCHLOROMETHANE	LT	3	ug/l	Env. Lab.
0	ENDRIN	LT	0.05	ug/l	Env. Lab
0	ENDRIN	LT	0.10	ug/l	W. A.
0	ENDRIN	LT	0.10	ug/l	Env. Eng
0	ETHYLBENZENE	LT	3	ug/l	Env. Lab
0	FLUORIDE	LT	100	ug/l	Env. Lab
0	FLUORIDE	LT	100	ug/l	W. A
0	FLUORIDE	LT	100	ug/l	Env. Eng
0	IRON		70	ug/l	Env. Lab
0	IRON	LT	100	ug/l	W. A
0	IRON		25	ug/l	Env. Eng
0	MERCURY	LT	0.20	ug/l	Env. Lab
0	MERCURY	LT	0.20	ug/l	W. A
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	5000	ug/l	W. A.
0	LITHIUM	LT	100	ug/l	W. A.
0	LINDANE	LT	0.05	ug/l	Env. Lab.
0	LINDANE	LT	0.05	ug/l	W. A.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	3	ug/l	Env. Lab.
0	METHOXYCHLOR	LT	0.05	ug/l	Env. Lab.
0	METHOXYCHLOR	LT	0.50	ug/l	W. A.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		680	ug/l	Env. Lab.
0	MAGNESIUM	LT	5000	ug/l	W. A
0	MAGNESIUM		533	ug/l	Env. Eng.
0	MANGANESE	LT	20	ug/l	Env. Lab.
0	MANGANESE	LT	15	ug/l	W. A.
0	MANGANESE	LT	2	ug/l	Env. Eng
0	SODIUM		1100	ug/l	Env. Lab
0	SODIUM	LT	5000	ug/l	W. A.
0	SODIUM		929	ug/l	Env. Eng
0	AMMONIA NITROGEN	LT	100	ug/l	Env. Lab.
0	NICKEL	LT	40	ug/l	W. A.
0	NITROGEN BY KJELDAHL METHOD	LT	1000	ug/l	Env. Lab.
0	LEAD	LT	100	ug/l	Env. Lab
0	LEAD	LT	5	ug/l	W. A.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Lab
0	PHENOLS	LT	5	ug/l	W. A.
0	PHENOLS	LT	5	ug/l	Env. Eng
0	ANTIMONY	LT	60	ug/l	W. A
0	SELENIUM	LT	100	ug/l	W. A.
1	SILICA		4090	ug/l	W. A.
0	SILVEX	LT	0.50	ug/l	Env. Lab.
0	SILVEX	LT	0.50	ug/l	W. A.
0	SILVEX	LT	0.09	ug/l	Env. Eng
0	TIN	LT	100	ug/l	W. A
0	SULFATE	LT	5000	ug/l	Env. Lab
0	SULFATE	LT	5000	ug/l	W. A
0	SULFATE	LT	5000	ug/l	Env. Eng
0	1,1,2,2-TETRACHLOROETHANE	LT	3	ug/l	Env. Lab
1	TETRACHLOROETHYLENE		4.00	ug/l	Env. Lab
1	TETRACHLOROETHYLENE		2.30	ug/l	W. A
1	TETRACHLOROETHYLENE		3.45	ug/l	Env. Eng
0	TOTAL ORGANIC CARBON		1780	ug/l	Env. Lab
0	TOTAL ORGANIC CARBON	LT	500	ug/l	W. A
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng
0	TOTAL ORGANIC NITROGEN	LT	1000	ug/l	Env. Lab
0	TOTAL ORGANIC NITROGEN	LT	100	ug/l	W. A.
0	TOTAL ORGANIC NITROGEN	LT	5000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	10	ug/l	Env. Lab
2	TOTAL ORGANIC HALOGENS		63	ug/l	W. A.
2	TOTAL ORGANIC HALOGENS		64	ug/l	W. A.
1	TOTAL ORGANIC HALOGENS		15	ug/l	Env. Eng
0	TOTAL PHOSPHATES	LT	10	ug/l	Env. Lab.
0	TOTAL PHOSPHATES	LT	20	ug/l	W. A.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng
0	TRICHLOROETHYLENE	LT	2.50	ug/l	Env. Lab
2	TRICHLOROETHYLENE		2.70	ug/l	W. A
2	TRICHLOROETHYLENE		3.09	ug/l	Env. Eng
0	TOXAPHENE	LT	0.05	ug/l	Env. Lab
0	TOXAPHENE	LT	1	ug/l	W. A
0	TOXAPHENE	LT	1	ug/l	Env. Eng
0	TRANS-1,2-DICHLOROETHENE	LT	3	ug/l	Env. Lab
0	URANIUM	LT	1000	ug/l	W. A
0	VANADIUM	LT	50	ug/l	W. A
0	XYLENES	LT	3	ug/l	Env. Lab
0	1,1-DICHLOROETHYLENE	LT	3	ug/l	Env. Lab
1	1,1-DICHLOROETHANE		7	ug/l	Env. Lab
1	1,1,1-TRICHLOROETHANE		15	ug/l	Env. Lab
1	1,1,1-TRICHLOROETHANE		13	ug/l	W. A
1	1,1,1-TRICHLOROETHANE		14	ug/l	Env. Eng
0	1,1,2-TRICHLOROETHANE	LT	3	ug/l	Env. Lab
0	1,2-DICHLOROBENZENE	LT	3	ug/l	Env. Lab
0	1,2-DICHLOROETHANE	LT	3	ug/l	Env. Lab
0	1,2-DICHLOROPROPANE	LT	3	ug/l	Env. Lab
0	1,3-DICHLOROBENZENE	LT	3	ug/l	Env. Lab

CONTINUED

WELL LFW 10A COLLECTED ON 03/22/89 LABORATORY ANALYSES CONTINUED

0	CIS-1,3-DICHLOROPROPENE	LT	3	ug/l	Env. Lab.
0	TRANS-1,3-DICHLOROPROPENE	LT	3	ug/l	Env. Lab.
0	1,4-DICHLOROBENZENE	LT	3	ug/l	Env. Lab.
0	2-CHLOROETHYLVINYL ETHER	LT	3	ug/l	Env. Lab.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.50	ug/l	Env. Lab.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	1	ug/l	W. A.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	2,4,5-TRICHLOROPHENOXYACETIC ACID	LT	0.50	ug/l	W. A.
0	ZINC	LT	20	ug/l	W. A.
0	GROSS ALPHA		1.51+-0.67	pCi/l	Env. Lab.
0	GROSS ALPHA		3.00+-2.00	pCi/l	W. A.
0	GROSS ALPHA		2.24+-0.76	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		3.50+-0.81	pCi/l	Env. Lab.
0	NONVOLATILE BETA		3.00+-2.00	pCi/l	W. A.
0	NONVOLATILE BETA		4.06+-1.00	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.88+-0.23	pCi/l	Env. Lab.
0	TOTAL RADIUM		2.20+-0.50	pCi/l	W. A.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM	LT	1	pCi/ml	Env. Lab.
0	TRITIUM		9.70+-0.90	pCi/ml	W. A.
0	TRITIUM		3.25+-0.26	pCi/ml	Rad. Meas.

WELL LFW 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/22/89 Time 1050
Depth to water = 25.47 ft (7.76 m) below the TOC
Water elevation = 150.03 ft (45.73 m) msl
pH = 4.8 Alkalinity = 1 mg/L
Specific Conductance = 20 umhos/cm
Water Temperature = 18.8 degrees Celsius
Water evacuated from the well prior to sampling = 125 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		27.50	UMHC	Env. Eng.
0	PH		5.07	pH	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CALCIUM		827	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		3000	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		34	ug/l	Env. Eng.
0	IRON		26	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		580	ug/l	Env. Eng.
0	MAGNESIUM		548	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		962	ug/l	Env. Eng.
0	SODIUM		977	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		3.11	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC NITROGEN	LT	5000	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		25	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		3.61	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
1	1,1,1-TRICHLOROETHANE		15	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA		1.94+-0.67	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		4.10+-0.97	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		4.36+-0.27	pCi/ml	Rad. Meas.

WELL LFW 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/21/89 Time 1025
Depth to water = 26.74 ft (8.15 m) below the TOC
Water elevation = 152.06 ft (46.35 m) msl
pH = 4.9 Alkalinity = 0 mg/L
Specific Conductance = 23 umhos/cm
Water Temperature = 19.7 degrees Celsius
Water evacuated from the well prior to sampling = 62 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		33.40	UMHC	Env. Eng.
0	PH		4.62	pH	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CALCIUM		453	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		3300	ug/l	Env. Eng.

CONTINUED

WELL LFW 16 COLLECTED ON 01/21/89 LABORATORY ANALYSES CONTINUED

0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng
0	FLUORIDE	LT	100	ug/l	Env. Eng
0	IRON		66	ug/l	Env. Eng
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		820	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		1100	ug/l	Env. Eng.
0	LEAD		12	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		2.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC NITROGEN	LT	5000	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		18	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
1	1,1,1-TRICHLOROETHANE		4	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA		1.72+-0.78	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		3.75+-0.98	pCi/l	Rad. Meas
0	TOTAL RADIUM		1.04+-0.65	pCi/l	Rad. Meas
0	TRITIUM		4.68+-0.28	pCi/ml	Rad. Meas.

WELL LFW 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/24/89 Time 1400
Depth to water = 25.89 ft (7.89 m) below the TOC
Water elevation = 151.91 ft (46.30 m) msl
pH = 6.8 Alkalinity = 58 mg/L
Specific Conductance = 260 umhos/cm
Water Temperature = 19.8 degrees Celsius
Water evacuated from the well prior to sampling = 62 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		155.0	UMHC	Env. Eng.
0	PH		5.84	pH	Env. Eng.
1	ARSENIC		12	ug/l	Env. Eng.
0	CALCIUM		2800	ug/l	Env. Eng.
0	CADMIUM		2580	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		9600	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE		110	ug/l	Env. Eng.
2	IRON		30100	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
1	MAGNESIUM		5060	ug/l	Env. Eng.
0	MANGANESE		20	ug/l	Env. Eng.
1	SODIUM		11100	ug/l	Env. Eng.
0	LEAD		9	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
1	SILVEX		1	ug/l	Env. Eng
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		3500	ug/l	Env. Eng.
0	TOTAL ORGANIC NITROGEN	LT	5000	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		98	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA		4.29+-2.38	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		3.17+-1.40	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.67+-0.44	pCi/l	Rad. Meas
0	TRITIUM		5.25+-0.29	pCi/ml	Rad. Meas

WELL LFW 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/24/89 Time 1325
Depth to water = 23.12 ft (7.05 m) below the TOC
Water elevation = 152.28 ft (46.42 m) msl
pH = 6.8 Alkalinity = 61 mg/L
Specific Conductance = 186 umhos/cm
Water Temperature = 19.9 degrees Celsius
Water evacuated from the well prior to sampling = 59 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		106.0	UMHC	Env. Eng.
0	PH		5.81	pH	Env. Eng
1	ARSENIC		10	ug/l	Env. Eng
0	CALCIUM		2650	ug/l	Env. Eng
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng
0	CADMIUM	LT	2	ug/l	Env. Eng
0	CHLOROFORM	LT	1	ug/l	Env. Eng
0	CHLOROFORM	LT	1	ug/l	Env. Eng

CONTINUED

WELL LFW 18 COLLECTED ON 01/24/89 LABORATORY ANALYSES CONTINUED

1	CHLORIDE		14200	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE		130	ug/l	Env. Eng.
2	IRON		20300	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
1	MAGNESIUM		5000	ug/l	Env. Eng.
1	MANGANESE		46	ug/l	Env. Eng.
1	SODIUM		9470	ug/l	Env. Eng.
0	LEAD		8	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		3400	ug/l	Env. Eng.
0	TOTAL ORGANIC NITROGEN	LT	5000	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		104	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA		1.53+-1.51	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		3.74+-1.08	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.92+-0.63	pCi/l	Rad. Meas.
2	TRITIUM		34.90+-0.79	pCi/ml	Rad. Meas.

WELL LFW 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/21/89 Time 1145
Depth to water = 23.50 ft (7.16 m) below the TOC
Water elevation = 153.20 ft (46.70 m) msl
pH = 5.2 Alkalinity = 1 mg/L
Specific Conductance = 18 umhos/cm
Water Temperature = 17.8 degrees Celsius
Water evacuated from the well prior to sampling = 61 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		22.30	UMHC	Env. Eng.
0	PH		4.76	pH	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CALCIUM		648	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		2900	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		68	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		553	ug/l	Env. Eng.
0	MANGANESE		5	ug/l	Env. Eng.
0	SODIUM		1400	ug/l	Env. Eng.
0	LEAD		14	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC NITROGEN	LT	5000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA		2.76+-0.89	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		3.84+-0.98	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.87+-0.74	pCi/l	Rad. Meas.
1	TRITIUM		16.90+-0.43	pCi/ml	Rad. Meas.

WELL LFW 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/21/89 Time 1030
Depth to water = 24.46 ft (7.46 m) below the TOC
Water elevation = 156.44 ft (47.68 m) msl
pH = 4.6 Alkalinity = 0 mg/L
Specific Conductance = 14 umhos/cm
Water Temperature = 19.2 degrees Celsius
Water evacuated from the well prior to sampling = 75 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		11.00	UMHC	Env. Lab
0	SPECIFIC CONDUCTANCE		9.10	UMHC	W. A.
0	SPECIFIC CONDUCTANCE		8.90	UMHC	W. A.
0	SPECIFIC CONDUCTANCE		24.30	UMHC	Env. Eng.
0	PH		5.00	pH	Env. Lab.
0	PH		5.00	pH	W. A.
0	PH		5.36	pH	Env. Eng.
0	SILVER	LT	10	ug/l	W. A.
0	ALUMINUM	LT	200	ug/l	W. A.
0	ARSENIC	LT	5	ug/l	Env. Lab.
0	ARSENIC	LT	10	ug/l	W. A.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	200	ug/l	W. A.
0	BROMODICHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	CALCIUM		230	ug/l	Env. Lab
0	CALCIUM	LT	5000	ug/l	W. A.
0	CALCIUM		607	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	1	ug/l	Env. Lab
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Lab.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	W. A.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	10	ug/l	Env. Lab
0	CADMIUM	LT	5	ug/l	W. A.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	1	ug/l	Env. Lab.
0	CHLOROFORM	LT	1	ug/l	Env. Lab.
0	CHLOROFORM	LT	1	ug/l	W. A.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	1	ug/l	Env. Lab.
0	BROMOMETHANE	LT	1	ug/l	Env. Lab
0	CHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	CHLORIDE		2000	ug/l	Env. Lab.
0	CHLORIDE	LT	5000	ug/l	W. A.
0	CHLORIDE		2200	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	1	ug/l	Env. Lab
0	COBALT	LT	50	ug/l	W. A.
0	CHROMIUM	LT	50	ug/l	Env. Lab
0	CHROMIUM	LT	10	ug/l	W. A.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	25	ug/l	W. A.
0	CYANIDE	LT	20	ug/l	Env. Lab
0	CYANIDE	LT	10	ug/l	W. A.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	1	ug/l	Env. Lab
0	CHLOROETHANE	LT	1	ug/l	Env. Lab
0	BENZENE	LT	1	ug/l	Env. Lab.
0	DIBROMOCHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	ENDRIN	LT	0.05	ug/l	Env. Lab
0	ENDRIN	LT	0.10	ug/l	W. A.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	1	ug/l	Env. Lab.
0	FLUORIDE	LT	100	ug/l	Env. Lab
0	FLUORIDE	LT	100	ug/l	W. A.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		60	ug/l	Env. Lab
0	IRON	LT	100	ug/l	W. A.
0	IRON		29	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Lab
0	MERCURY	LT	0.20	ug/l	W. A.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	5000	ug/l	W. A.
0	LITHIUM	LT	100	ug/l	W. A.
0	LINDANE	LT	0.05	ug/l	Env. Lab
0	LINDANE	LT	0.05	ug/l	W. A.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	1	ug/l	Env. Lab
0	METHOXYCHLOR	LT	0.05	ug/l	Env. Lab
0	METHOXYCHLOR	LT	0.50	ug/l	W. A.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		280	ug/l	Env. Lab
0	MAGNESIUM	LT	5000	ug/l	W. A.
0	MAGNESIUM		233	ug/l	Env. Eng.
0	MANGANESE	LT	20	ug/l	Env. Lab
0	MANGANESE	LT	15	ug/l	W. A.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		950	ug/l	Env. Lab
0	SODIUM	LT	5000	ug/l	W. A.
0	SODIUM		899	ug/l	Env. Eng.
0	AMMONIA NITROGEN	LT	100	ug/l	Env. Lab
0	NICKEL	LT	40	ug/l	W. A.
0	NITROGEN BY KJELDAHL METHOD	LT	1000	ug/l	Env. Lab
0	LEAD	LT	100	ug/l	Env. Lab
0	LEAD	LT	5	ug/l	W. A.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Lab
0	PHENOLS	LT	5	ug/l	W. A.
0	PHENOLS	LT	5	ug/l	W. A.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	60	ug/l	W. A.
0	SELENIUM	LT	5	ug/l	W. A.
1	SILICA		2280	ug/l	W. A.
0	SILVEX	LT	0.50	ug/l	Env. Lab
0	SILVEX	LT	0.50	ug/l	W. A.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	TIN	LT	100	ug/l	W. A.
0	SULFATE	LT	5000	ug/l	Env. Lab

CONTINUED

WELL LFW 20 COLLECTED ON 03/21/89 LABORATORY ANALYSES CONTINUED

0	SULFATE	LT	5000	ug/l	W. A.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	1	ug/l	Env. Lab.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Lab.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	W. A.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Lab.
0	TOTAL ORGANIC CARBON	LT	500	ug/l	W. A.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC NITROGEN	LT	1000	ug/l	Env. Lab.
0	TOTAL ORGANIC NITROGEN	LT	100	ug/l	W. A.
0	TOTAL ORGANIC NITROGEN	LT	5000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	10	ug/l	Env. Lab.
0	TOTAL ORGANIC HALOGENS	LT	20	ug/l	W. A.
0	TOTAL ORGANIC HALOGENS		9	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	10	ug/l	Env. Lab.
0	TOTAL PHOSPHATES	LT	20	ug/l	W. A.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Lab.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	W. A.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	0.05	ug/l	Env. Lab.
0	TOXAPHENE	LT	1	ug/l	W. A.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	Env. Lab.
1	URANIUM		1360	ug/l	W. A.
0	XYLENES	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	W. A.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROPROPANE	LT	1	ug/l	Env. Lab.
0	1,3-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	CIS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab.
0	TRANS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab.
0	1,4-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	2-CHLOROETHYLVINYL ETHER	LT	1	ug/l	Env. Lab.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.50	ug/l	Env. Lab.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	1	ug/l	W. A.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	2,4,5-TRICHLOROPHENOXYACETIC ACID	LT	0.50	ug/l	W. A.
0	ZINC	LT	20	ug/l	W. A.
0	GROSS ALPHA		1.54+-0.64	pCi/l	Env. Lab.
0	GROSS ALPHA		0.00+-5.00	pCi/l	W. A.
0	GROSS ALPHA		1.49+-0.60	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.58+-0.76	pCi/l	Env. Lab.
0	NONVOLATILE BETA		0.00+-2.00	pCi/l	W. A.
0	NONVOLATILE BETA		4.02+-0.97	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.82+-0.25	pCi/l	Env. Lab.
0	TOTAL RADIUM		1.50+-0.40	pCi/l	W. A.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		2.93+-0.37	pCi/ml	Env. Lab.
0	TRITIUM		7.90+-0.90	pCi/ml	W. A.
0	TRITIUM		3.17+-0.25	pCi/ml	Rad. Meas.

WELL LFW 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/21/89 Time 1630
Depth to water = 24.46 ft (7.46 m) below the TOC
Water elevation = 156.44 ft (47.68 m) msl
pH = 4.6 Alkalinity = 0 mg/L
Specific Conductance = 14 umhos/cm
Water Temperature = 19.2 degrees Celsius
Water evacuated from the well prior to sampling = 75 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		15.60	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		13.60	UMHC	Env. Eng.
0	PH		5.06	pH	Env. Eng.
0	PH		4.87	pH	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CALCIUM		251	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		2200	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		21	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		250	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		881	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC NITROGEN	LT	5000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.

CONTINUED

WELL LFW 20 COLLECTED ON 03/21/89 LABORATORY ANALYSES CONTINUED

0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA		1.34+-0.64	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		3.20+-0.92	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.20+-0.75	pCi/l	Rad. Meas.
0	TRITIUM		4.82+-0.30	pCi/ml	Rad. Meas.

WELL LFW 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/24/89 Time 1110
Depth to water = 27.61 ft (8.42 m) below the TOC
Water elevation = 148.59 ft (45.29 m) msl
pH = 5.4 Alkalinity = 41 mg/L
Specific Conductance = 230 umhos/cm
Water Temperature = 19.8 degrees Celsius
Water evacuated from the well prior to sampling = 50 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		221.0	UMHC	Env. Eng.
0	PH		5.10	pH	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CALCIUM		5160	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng
1	CHLORIDE		24400	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
2	IRON		829	ug/l	Env. Eng.
2	IRON		591	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
1	MAGNESIUM		12300	ug/l	Env. Eng.
1	MAGNESIUM		13000	ug/l	Env. Eng.
0	MANGANESE		7	ug/l	Env. Eng.
0	MANGANESE		6	ug/l	Env. Eng.
1	SODIUM		21600	ug/l	Env. Eng.
1	SODIUM		18100	ug/l	Env. Eng.
0	LEAD		9	ug/l	Env. Eng.
0	LEAD		7	ug/l	Env. Eng.
1	PHENOLS		20	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
1	SULFATE		17900	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		37.0	ug/l	Env. Eng.
1	TOTAL ORGANIC CARBON		12900	ug/l	Env. Eng.
0	TOTAL ORGANIC NITROGEN	LT	5000	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		2043	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		50	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		62.0	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng
1	1,1,1-TRICHLOROETHANE		46	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
1	GROSS ALPHA		8.21+-2.05	pCi/l	Rad. Meas.
2	GROSS ALPHA		16.50+-3.45	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		6.32+-1.56	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		8.56+-1.07	pCi/l	Rad. Meas.
2	TOTAL RADIUM		7.78+-1.20	pCi/l	Rad. Meas.
2	TOTAL RADIUM		5.13+-0.98	pCi/l	Rad. Meas.
1	TRITIUM		16.70+-0.43	pCi/ml	Rad. Meas.
1	TRITIUM		16.50+-0.42	pCi/ml	Rad. Meas.

WELL LFW 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/24/89 Time 1030
Depth to water = 26.20 ft (7.99 m) below the TOC
Water elevation = 148.00 ft (45.11 m) msl
pH = 5.0 Alkalinity = 1 mg/L
Specific Conductance = 19 umhos/cm
Water Temperature = 19.4 degrees Celsius
Water evacuated from the well prior to sampling = 67 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		21.30	UMHC	Env. Eng
0	PH		4.91	pH	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CALCIUM		339	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		3000	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		103	ug/l	Env. Eng
0	MERCURY	LT	0.20	ug/l	Env. Eng
0	LINDANE	LT	0.05	ug/l	Env. Eng
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng
0	MAGNESIUM		345	ug/l	Env. Eng
0	MANGANESE		2	ug/l	Env. Eng
0	SODIUM		1420	ug/l	Env. Eng

CONTINUED

WELL LFW 22 COLLECTED ON 01/24/89 LABORATORY ANALYSES CONTINUED

0	LEAD		17	ug/l	Env. Eng.
0	PHENOLS	LT	9	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC NITROGEN	LT	5000	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		84	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		61	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		6.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
1	1,1,1-TRICHLOROETHANE		7	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA		1.90+-1.03	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		3.08+-1.00	pCi/l	Rad. Meas.
1	TOTAL RADIUM		2.85+-0.82	pCi/l	Rad. Meas.
0	TRITIUM		4.49+-0.28	pCi/ml	Rad. Meas.

WELL LFW 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/24/89 Time 955
Depth to water = 23.61 ft (7.20 m) below the TOC
Water elevation = 148.19 ft (45.17 m) msl
pH = 5.0 Alkalinity = 0 mg/L
Specific Conductance = 21 umhos/cm
Water Temperature = 19.0 degrees Celsius
Water evacuated from the well prior to sampling = 61 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		21.60	UMHC	Env. Eng.
0	PH		4.76	pH	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CALCIUM		815	ug/l	Env. Eng.
0	CALCIUM		723	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		2700	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		55	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		395	ug/l	Env. Eng.
0	MANGANESE		2	ug/l	Env. Eng.
0	SODIUM		1730	ug/l	Env. Eng.
0	LEAD		12	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC NITROGEN	LT	5000	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		16	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.65+-0.99	pCi/l	Rad. Meas.
0	TOTAL RADIUM		2.04+-0.78	pCi/l	Rad. Meas
0	TRITIUM		3.94+-0.27	pCi/ml	Rad. Meas.

WELL LFW 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/24/89 Time 915
Depth to water = 21.19 ft (6.46 m) below the TOC
Water elevation = 150.11 ft (45.75 m) msl
pH = 5.0 Alkalinity = 0 mg/L
Specific Conductance = 18 umhos/cm
Water temperature = 18.4 degrees Celsius
Water evacuated from the well prior to sampling = 67 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		22.40	UMHC	Env. Eng.
0	PH		4.84	pH	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CALCIUM		326	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		2200	ug/l	Env. Eng.
0	CHLORIDE		2100	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.

CONTINUED

WELL LFW 24 COLLECTED ON 01/24/89 LABORATORY ANALYSES CONTINUED

0	CYANIDE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		104	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		460	ug/l	Env. Eng.
0	MANGANESE		3	ug/l	Env. Eng.
0	SODIUM		1040	ug/l	Env. Eng.
1	LEAD		21	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC NITROGEN	LT	5000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA		2.02+-1.15	pCi/l	Rad. Meas
0	NONVOLATILE BETA		4.79+-1.11	pCi/l	Rad. Meas
0	TOTAL RADIUM		2.21+-0.66	pCi/l	Rad. Meas
0	TRITIUM		3.49+-0.27	pCi/ml	Rad. Meas

WELL LFW 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/24/89 Time 845
Depth to water = 22.15 ft (6.75 m) below the TOC
Water elevation = 152.55 ft (46.50 m) msl
pH = 5.0 Alkalinity = 0 mg/L
Specific Conductance = 19 umhos/cm
Water Temperature = 18.4 degrees Celsius
Water evacuated from the well prior to sampling = 77 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		19.70	UMHC	Env. Eng.
0	PH		4.89	pH	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CALCIUM		342	ug/l	Env. Eng.
0	CALCIUM		296	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		2600	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		89	ug/l	Env. Eng.
0	IRON		90	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		480	ug/l	Env. Eng.
0	MAGNESIUM		481	ug/l	Env. Eng.
0	MANGANESE		6	ug/l	Env. Eng.
0	MANGANESE		6	ug/l	Env. Eng.
0	SODIUM		1220	ug/l	Env. Eng.
0	SODIUM		1190	ug/l	Env. Eng.
0	LEAD		18	ug/l	Env. Eng.
0	LEAD		16	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC NITROGEN	LT	5000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
1	GROSS ALPHA		6.25+-1.44	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		11.10+-1.37	pCi/l	Rad. Meas.
1	TOTAL RADIUM		2.71+-0.74	pCi/l	Rad. Meas.
0	TRITIUM		3.58+-0.26	pCi/ml	Rad. Meas.

WELL LFW 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/21/89 Time 1735
Depth to water = 28.65 ft (8.73 m) below the TOC
Water elevation = 158.25 ft (48.24 m) msl
pH = 4.6 Alkalinity = 0 mg/L
Specific Conductance = 13 umhos/cm
Water Temperature = 19.2 degrees Celsius
Water evacuated from the well prior to sampling = 73 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		12.00	UMHC	Env. Lab.
0	SPECIFIC CONDUCTANCE		8.70	UMHC	W. A.
0	SPECIFIC CONDUCTANCE		24.40	UMHC	Env. Eng.
0	PH		5.00	pH	Env. Lab.
0	PH		5.20	pH	W. A.
0	PH		5.30	pH	W. A.
0	PH		5.30	pH	Env. Eng.
0	SILVER	LT	10	ug/l	W. A.
0	ALUMINUM	LT	200	ug/l	W. A.
0	ARSENIC	LT	5	ug/l	Env. Lab.
0	ARSENIC	LT	10	ug/l	W. A.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	200	ug/l	W. A.
0	BROMODICHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	CALCIUM		220	ug/l	Env. Lab.
0	CALCIUM	LT	5000	ug/l	W. A.
0	CALCIUM		430	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	1	ug/l	Env. Lab.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Lab.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	W. A.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	10	ug/l	Env. Lab.
0	CADMIUM	LT	5	ug/l	W. A.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	1	ug/l	Env. Lab.
0	CHLOROFORM	LT	1	ug/l	Env. Lab.
0	CHLOROFORM	LT	1	ug/l	W. A.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	1	ug/l	Env. Lab.
0	BROMOMETHANE	LT	1	ug/l	Env. Lab.
0	CHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	CHLORIDE		2000	ug/l	Env. Lab.
0	CHLORIDE	LT	5000	ug/l	W. A.
0	CHLORIDE		2200	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	COBALT	LT	50	ug/l	W. A.
0	CHROMIUM	LT	50	ug/l	Env. Lab.
0	CHROMIUM	LT	10	ug/l	W. A.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	25	ug/l	W. A.
0	CYANIDE	LT	20	ug/l	Env. Lab.
0	CYANIDE	LT	10	ug/l	W. A.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	1	ug/l	Env. Lab.
0	CHLOROETHANE	LT	1	ug/l	Env. Lab.
0	BENZENE	LT	1	ug/l	Env. Lab.
0	DIBROMOCHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	ENDRIN	LT	0.05	ug/l	Env. Lab.
0	ENDRIN	LT	0.10	ug/l	W. A.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	1	ug/l	Env. Lab.
0	FLUORIDE	LT	100	ug/l	Env. Lab.
0	FLUORIDE	LT	100	ug/l	W. A.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	50	ug/l	Env. Lab.
0	IRON	LT	100	ug/l	W. A.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Lab.
0	MERCURY	LT	0.20	ug/l	W. A.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	5000	ug/l	W. A.
0	LITHIUM	LT	100	ug/l	W. A.
0	LINDANE	LT	0.05	ug/l	Env. Lab.
0	LINDANE	LT	0.05	ug/l	W. A.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	1	ug/l	Env. Lab.
0	METHOXYCHLOR	LT	0.05	ug/l	Env. Lab.
0	METHOXYCHLOR	LT	0.50	ug/l	W. A.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		270	ug/l	Env. Lab.
0	MAGNESIUM	LT	5000	ug/l	W. A.
0	MAGNESIUM		233	ug/l	Env. Eng.
0	MANGANESE	LT	20	ug/l	Env. Lab.
0	MANGANESE	LT	15	ug/l	W. A.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		970	ug/l	Env. Lab.
0	SODIUM	LT	5000	ug/l	W. A.
0	SODIUM		968	ug/l	Env. Eng.
0	AMMONIA NITROGEN	LT	100	ug/l	Env. Lab.
0	NICKEL	LT	40	ug/l	W. A.
0	NITROGEN BY KJELDAHL METHOD	LT	1000	ug/l	Env. Lab.
0	LEAD	LT	100	ug/l	Env. Lab.
0	LEAD	LT	5	ug/l	W. A.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Lab.
0	PHENOLS	LT	5	ug/l	W. A.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	60	ug/l	W. A.
0	SELENIUM	LT	5	ug/l	W. A.
1	SILICA		2290	ug/l	W. A.
0	SILVEX	LT	0.50	ug/l	Env. Lab.
0	SILVEX	LT	0.50	ug/l	W. A.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	TIN	LT	100	ug/l	W. A.
0	SULFATE	LT	5000	ug/l	Env. Lab.

CONTINUED

WELL LFW 26 COLLECTED ON 03/21/89 LABORATORY ANALYSES CONTINUED

0	SULFATE	LT	5000	ug/l	W. A.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	1	ug/l	Env. Lab.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Lab.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	W. A.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Lab.
0	TOTAL ORGANIC CARBON	LT	500	ug/l	W. A.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC NITROGEN	LT	1000	ug/l	Env. Lab.
0	TOTAL ORGANIC NITROGEN	LT	100	ug/l	W. A.
0	TOTAL ORGANIC NITROGEN	LT	5000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	10	ug/l	Env. Lab.
0	TOTAL ORGANIC HALOGENS	LT	20	ug/l	W. A.
0	TOTAL ORGANIC HALOGENS		8	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		8	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	10	ug/l	Env. Lab.
0	TOTAL PHOSPHATES	LT	20	ug/l	W. A.
0	TOTAL PHOSPHATES	LT	20	ug/l	W. A.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Lab.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	W. A.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	0.05	ug/l	Env. Lab.
0	TOXAPHENE	LT	1	ug/l	W. A.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	Env. Lab.
1	URANIUM		1360	ug/l	W. A.
0	XYLENES	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	W. A.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROPROPANE	LT	1	ug/l	Env. Lab.
0	1,3-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	CIS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab.
0	TRANS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab.
0	1,4-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	2-CHLOROETHYLVINYL ETHER	LT	1	ug/l	Env. Lab.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.50	ug/l	Env. Lab.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	1	ug/l	W. A.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	2,4,5-TRICHLOROPHENOXYACETIC ACID	LT	0.50	ug/l	W. A.
0	ZINC	LT	20	ug/l	W. A.
0	GROSS ALPHA	LT	0.61	pCi/l	Env. Lab.
0	GROSS ALPHA		0.00+-5.00	pCi/l	W. A.
0	GROSS ALPHA		1.10+-0.63	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	1	pCi/l	Env. Lab.
0	NONVOLATILE BETA		4.00+-2.00	pCi/l	W. A.
0	NONVOLATILE BETA		2.79+-0.93	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Env. Lab.
0	TOTAL RADIUM		1.50+-0.40	pCi/l	W. A.
1	TOTAL RADIUM		3.22+-2.60	pCi/l	Rad. Meas.
0	TRITIUM		3.26+-0.37	pCi/ml	Env. Lab.
0	TRITIUM		7.70+-0.90	pCi/ml	W. A.
0	TRITIUM		2.87+-0.25	pCi/ml	Rad. Meas.

WELL LFW 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/21/89 Time 1735
Depth to water = 28.65 ft (8.73 m) below the TOC
Water elevation = 158.25 ft (48.24 m) msl
pH = 4.6 Alkalinity = 0 mg/L
Specific Conductance = 13 umhos/cm
Water Temperature = 19.2 degrees Celsius
Water evacuated from the well prior to sampling = 73 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		15.00	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		15.60	UMHC	Env. Eng.
0	PH		5.00	pH	Env. Eng.
0	PH		4.85	pH	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CALCIUM		235	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		2200	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		222	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		933	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.

CONTINUED

WELL LFW 26 COLLECTED ON 03/21/89 LABORATORY ANALYSES CONTINUED

0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC NITROGEN	LT	5000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA		1.62+-0.57	pCi/l	Rad. Meas.
0	GROSS ALPHA		1.57+-0.61	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.95+-0.82	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.87+-0.97	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		2.89+-0.25	pCi/ml	Rad. Meas.
0	TRITIUM		3.22+-0.26	pCi/ml	Rad. Meas.

WELL LFW 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/21/89 Time 1000
Depth to water = 30.87 ft (9.41 m) below the TOC
Water elevation = 158.73 ft (48.38 m) msl
pH = 5.2 Alkalinity = 0 mg/L
Specific Conductance = 16 umhos/cm
Water Temperature = 18.2 degrees Celsius
Water evacuated from the well prior to sampling = 45 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		17.50	UMHC	Env. Eng.
0	PH		4.66	pH	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CALCIUM		501	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		2100	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		61	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		357	ug/l	Env. Eng.
0	MANGANESE		6	ug/l	Env. Eng.
0	SODIUM		1150	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC NITROGEN	LT	5000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA		0.86+-0.59	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		0.88+-0.81	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.71+-0.52	pCi/l	Rad. Meas.
0	TRITIUM		6.12+-0.30	pCi/ml	Rad. Meas.

WELL LFW 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/24/89 Time 1420
Depth to water = 32.78 ft (9.99 m) below the TOC
Water elevation = 160.04 ft (48.78 m) msl
pH = 5.4 Alkalinity = 2 mg/L
Specific Conductance = 26 umhos/cm
Water Temperature = 18.8 degrees Celsius
Water evacuated from the well prior to sampling = 12 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		27.40	UMHC	Env. Eng.
0	PH		5.03	pH	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CALCIUM		2600	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		2600	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		78	ug/l	Env. Eng.
0	IRON		83	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.

CONTINUED

WELL LFW 28 COLLECTED ON 01/24/89 LABORATORY ANALYSES CONTINUED

0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		521	ug/l	Env. Eng.
0	MAGNESIUM		494	ug/l	Env. Eng.
0	MANGANESE		13	ug/l	Env. Eng.
0	MANGANESE		12	ug/l	Env. Eng.
0	SODIUM		1320	ug/l	Env. Eng.
0	SODIUM		1370	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC NITROGEN	LT	5000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA		1.86+-1.09	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		3.44+-1.03	pCi/l	Rad. Meas.
0	TOTAL RADIUM		2.05+-0.68	pCi/l	Rad. Meas.
0	TRITIUM		3.59+-0.27	pCi/ml	Rad. Meas.

WELL LFW 29

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/21/89 Time 930
Depth to water = 34.40 ft (10.49 m) below the TOC
Water elevation = 161.30 ft (49.16 m) msl
pH = 5.0 Alkalinity = 0 mg/L
Specific Conductance = 25 umhos/cm
Water Temperature = 17.8 degrees Celsius
Water evacuated from the well prior to sampling = 46 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		29.40	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		27.50	UMHC	Env. Eng.
0	PH		4.43	pH	Env. Eng.
0	PH		4.15	pH	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CALCIUM		893	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		2200	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
2	IRON		394	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		706	ug/l	Env. Eng.
0	MANGANESE		7	ug/l	Env. Eng.
0	SODIUM		783	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC NITROGEN	LT	5000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
1	GROSS ALPHA		5.74+-1.23	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		8.90+-1.23	pCi/l	Rad. Meas.
1	TOTAL RADIUM		3.90+-0.97	pCi/l	Rad. Meas.
0	TRITIUM		5.55+-0.29	pCi/ml	Rad. Meas.

WELL LFW 30

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/21/89 Time 905
Depth to water = 49.26 ft (15.01 m) below the TOC
Water elevation = 161.54 ft (49.24 m) msl
pH = 6.1 Alkalinity = 7 mg/L
Specific Conductance = 34 umhos/cm
Water Temperature = 15.9 degrees Celsius
Water evacuated from the well prior to sampling = 54 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		35.50	UMHC	Env. Eng.
0	PH		5.43	pH	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CALCIUM		3610	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		1300	ug/l	Env. Eng.
0	CHLORIDE		1400	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.

CONTINUED

WELL LFW 30 COLLECTED ON 01/21/89 LABORATORY ANALYSES CONTINUED

0	CYANIDE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		22	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		390	ug/l	Env. Eng.
0	MANGANESE		8	ug/l	Env. Eng.
0	SODIUM		771	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC NITROGEN	LT	5000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA		1.07+-0.57	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.53+-0.82	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.77+-0.53	pCi/l	Rad. Meas.
0	TRITIUM		4.86+-0.28	pCi/ml	Rad. Meas.

WELL LFW 31

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/21/89 Time 1335
Depth to water = 68.75 ft (20.96 m) below the TOC
Water elevation = 160.95 ft (49.06 m) msl
pH = 5.5 Alkalinity = 2 mg/L
Specific Conductance = 19 umhos/cm
Water Temperature = 17.4 degrees Celsius
Water evacuated from the well prior to sampling = 42 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		21.00	UMHC	Env. Eng.
0	PH		4.89	pH	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CALCIUM		3150	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		2100	ug/l	Env. Eng.
2	CHROMIUM		316	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
2	IRON		881	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		404	ug/l	Env. Eng.
2	MANGANESE		106	ug/l	Env. Eng.
0	SODIUM		1750	ug/l	Env. Eng.
0	LEAD		7	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
1	TOTAL ORGANIC CARBON		8700	ug/l	Env. Eng.
0	TOTAL ORGANIC NITROGEN	LT	5000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA		0.57+-0.53	pCi/l	Rad. Meas.
0	GROSS ALPHA		0.90+-0.54	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.27+-0.86	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.26+-0.72	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.47+-0.43	pCi/l	Rad. Meas.
0	TRITIUM		6.47+-0.31	pCi/ml	Rad. Meas.
0	TRITIUM		9.00+-0.34	pCi/ml	Rad. Meas.

WELL LFW 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/21/89 Time 1310
Depth to water = 65.02 ft (19.82 m) below the TOC
Water elevation = 159.08 ft (48.49 m) msl
pH = 5.2 Alkalinity = 0 mg/L
Specific Conductance = 22 umhos/cm
Water Temperature = 17.4 degrees Celsius
Water evacuated from the well prior to sampling = 42 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		25.50	UMHC	Env. Eng.
0	PH		4.79	pH	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CALCIUM		506	ug/l	Env. Eng.

CONTINUED

WELL LFW 32 COLLECTED ON 01/21/89 LABORATORY ANALYSES CONTINUED

0	CALCIUM		500	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		2900	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		477	ug/l	Env. Eng.
0	MANGANESE		4	ug/l	Env. Eng.
0	SODIUM		1610	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC NITROGEN	LT	5000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA		1.47+-0.98	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		4.54+-1.08	pCi/l	Rad. Meas.
0	TOTAL RADIUM		2.47+-0.76	pCi/l	Rad. Meas.
0	TRITIUM		7.84+-0.32	pCi/ml	Rad. Meas.

WELL LFW 33

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/21/89 Time 1240
Depth to water = 56.10 ft (17.10 m) below the TOC
Water elevation = 158.00 ft (48.16 m) msl
pH = 5.1 Alkalinity = 0 mg/L
Specific Conductance = 21 umhos/cm
Water Temperature = 17.7 degrees Celsius
Water evacuated from the well prior to sampling = 46 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		26.80	UMHC	Env. Eng.
0	PH		4.69	pH	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CALCIUM		908	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		2600	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		37	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		343	ug/l	Env. Eng.
0	MANGANESE		2	ug/l	Env. Eng.
0	SODIUM		1600	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC NITROGEN	LT	5000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA		2.29+-1.10	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		8.10+-1.25	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		5.03+-0.29	pCi/ml	Rad. Meas.

WELL LFW 34

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/21/89 Time 1215
Depth to water = 44.59 ft (13.59 m) below the TOC
Water elevation = 156.81 ft (47.80 m) msl
pH = 5.2 Alkalinity = 1 mg/L
Specific Conductance = 23 umhos/cm
Water Temperature = 17.5 degrees Celsius
Water evacuated from the well prior to sampling = 35 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		26.20	UMHC	Env. Eng.
0	PH		4.74	pH	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CALCIUM		2010	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		3100	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		23	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		474	ug/l	Env. Eng.
0	MAGNESIUM		388	ug/l	Env. Eng.
0	MANGANESE		7	ug/l	Env. Eng.
0	MANGANESE		4	ug/l	Env. Eng.
0	SODIUM		1990	ug/l	Env. Eng.
0	SODIUM		1740	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC NITROGEN	LT	5000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA		1.72+-1.04	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		3.47+-1.03	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		4.46+-0.28	pCi/ml	Rad. Meas.

WELL LFW 35

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/21/89 Time 1105
Depth to water = 28.36 ft (8.64 m) below the TOC
Water elevation = 155.74 ft (47.47 m) msl
pH = 5.2 Alkalinity = 1 mg/L
Specific Conductance = 16 umhos/cm
Water Temperature = 19.0 degrees Celsius
Water evacuated from the well prior to sampling = 36 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		20.80	UMHC	Env. Eng.
0	PH		4.74	pH	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CALCIUM		260	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		2300	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		371	ug/l	Env. Eng.
0	MANGANESE		4	ug/l	Env. Eng.
0	SODIUM		1140	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1600	ug/l	Env. Eng.
0	TOTAL ORGANIC NITROGEN	LT	5000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.

CONTINUED

WELL LFW 35 COLLECTED ON 01/21/89 LABORATORY ANALYSES CONTINUED

0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.82+-0.95	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas
0	TRITIUM		4.12+-0.27	pCi/ml	Rad. Meas

WELL LFW 36

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/24/89 Time 1150
Depth to water = 25.79 ft (7.86 m) below the TOC
Water elevation = 144.61 ft (44.08 m) msl
pH = 6.2 Alkalinity = 64 mg/L
Specific Conductance = 260 umhos/cm
Water Temperature = 19.2 degrees Celsius
Water evacuated from the well prior to sampling = 40 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		263.0	UMHC	Env. Eng.
0	PH		5.98	pH	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CALCIUM		6610	ug/l	Env. Eng
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
1	CHLORIDE		26200	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
1	IRON		196	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
1	MAGNESIUM		15400	ug/l	Env. Eng.
0	MANGANESE		17	ug/l	Env. Eng.
1	SODIUM		30500	ug/l	Env. Eng.
0	LEAD		10	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE		7200	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
1	TOTAL ORGANIC CARBON		6500	ug/l	Env. Eng
0	TOTAL ORGANIC NITROGEN	LT	5000	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		350	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		30	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		5.06+-1.53	pCi/l	Rad. Meas.
0	TOTAL RADIUM		2.01+-0.65	pCi/l	Rad. Meas.
1	TRITIUM		18.30+-0.46	pCi/ml	Rad. Meas.

WELL LFW 37

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/21/89 Time 1700
Depth to water = 28.07 ft (8.56 m) below the TOC
Water elevation = 141.83 ft (43.23 m) msl
pH = 5.1 Alkalinity = 4 mg/L
Specific Conductance = 89 umhos/cm
Water Temperature = 18.2 degrees Celsius
Water evacuated from the well prior to sampling = 37 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		58.10	UMHC	Env. Eng.
0	PH		4.88	pH	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CALCIUM		2230	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
1	CHLORIDE		11400	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		24	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		2160	ug/l	Env. Eng.
0	MANGANESE		2	ug/l	Env. Eng.
1	SODIUM		7660	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng
1	SILVEX		0.14	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		2200	ug/l	Env. Eng
0	TOTAL ORGANIC NITROGEN	LT	5000	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		152	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		30	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		12.0	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
1	1,1,1-TRICHLOROETHANE		6	ug/l	Env. Eng.

CONTINUED

WELL LFW 37 COLLECTED ON 01/21/89 LABORATORY ANALYSES CONTINUED

0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA		4.79+-1.62	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		7.98+-1.26	pCi/l	Rad. Meas.
0	TOTAL RADIUM		2.04+-0.98	pCi/l	Rad. Meas.
0	TRITIUM		3.89+-0.27	pCi/ml	Rad. Meas.

WELL LFW 38

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/21/89 Time 1640
Depth to water = 28.46 ft (8.67 m) below the TOC
Water elevation = 141.84 ft (43.23 m) msl
pH = 4.9 Alkalinity = 0 mg/L
Specific Conductance = 37 umhos/cm
Water Temperature = 18.7 degrees Celsius
Water evacuated from the well prior to sampling = 33 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		37.70	UMHC	Env. Eng.
0	PH		4.66	pH	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CALCIUM		1230	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
1	CHLOROFORM		5	ug/l	Env. Eng.
1	CHLOROFORM		5	ug/l	Env. Eng.
0	CHLORIDE		6600	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		38	ug/l	Env. Eng.
1	MERCURY		0.49	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		851	ug/l	Env. Eng.
0	MANGANESE		6	ug/l	Env. Eng.
0	SODIUM		3620	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC NITROGEN	LT	5000	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		99	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		30	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		19.0	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		19.0	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
1	1,1,1-TRICHLOROETHANE		10	ug/l	Env. Eng.
1	1,1,1-TRICHLOROETHANE		11	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.43+-0.93	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		4.71+-0.29	pCi/ml	Rad. Meas.

WELL LFW 39

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/21/89 Time 1605
Depth to water = 29.47 ft (8.98 m) below the TOC
Water elevation = 141.93 ft (43.26 m) msl
pH = 5.2 Alkalinity = 0 mg/L
Specific Conductance = 14 umhos/cm
Water Temperature = 18.5 degrees Celsius
Water evacuated from the well prior to sampling = 40 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		16.70	UMHC	Env. Eng.
0	PH		4.88	pH	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CALCIUM		463	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		2300	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		103	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		308	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		1400	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		344	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC NITROGEN	LT	5000	ug/l	Env. Eng.

CONTINUED

WELL LFW 39 COLLECTED ON 01/21/89 LABORATORY ANALYSES CONTINUED

2	TOTAL ORGANIC HALOGENS		97	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		109	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
1	TRICHLOROETHYLENE		2.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		3.17+-0.27	pCi/ml	Rad. Meas.

WELL LFW 40

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/21/89 Time 1530
Depth to water = 29.62 ft (9.03 m) below the TOC
Water elevation = 141.38 ft (43.09 m) msl
pH = 5.3 Alkalinity = 1 mg/L
Specific Conductance = 16 umhos/cm
Water Temperature = 18.4 degrees Celsius
Water evacuated from the well prior to sampling = 33 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		17.40	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		17.80	UMHC	Env. Eng.
0	PH		5.04	pH	Env. Eng.
0	PH		5.03	pH	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CALCIUM		1640	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		2800	ug/l	Env. Eng.
0	CHLORIDE		2600	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		267	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		1960	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC NITROGEN	LT	5000	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		21	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		19	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
1	1,1,1-TRICHLOROETHANE		5	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		0.91+-0.89	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		3.93+-0.28	pCi/ml	Rad. Meas.

WELL LFW 41

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/21/89 Time 1505
Depth to water = 28.33 ft (8.64 m) below the TOC
Water elevation = 142.17 ft (43.33 m) msl
pH = 5.2 Alkalinity = 0 mg/L
Specific Conductance = 18 umhos/cm
Water Temperature = 18.7 degrees Celsius
Water evacuated from the well prior to sampling = 42 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		20.20	UMHC	Env. Eng.
0	PH		4.93	pH	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CALCIUM		157	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		2800	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		342	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		1880	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.

CONTINUED

WELL LFW 41 COLLECTED ON 01/21/89 LABORATORY ANALYSES CONTINUED

0	PHENOLS	LT	5	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC NITROGEN	LT	5000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA		1.81+-1.12	pCi/l	Rad. Meas.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.11+-0.97	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.40+-0.98	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		4.00+-0.28	pCi/ml	Rad. Meas.
0	TRITIUM		4.32+-0.28	pCi/ml	Rad. Meas.

WELL LFW 42

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/21/89 Time 1435
Depth to water = 25.56 ft (7.79 m) below the TOC
Water elevation = 144.54 ft (44.06 m) msl
pH = 5.2 Alkalinity = 0 mg/L
Specific Conductance = 15 umhos/cm
Water Temperature = 19.1 degrees Celsius
Water evacuated from the well prior to sampling = 40 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		18.60	UMHC	Env. Eng.
0	PH		4.98	pH	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CALCIUM		1670	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		2300	ug/l	Env. Eng.
0	CHLORIDE		2300	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		429	ug/l	Env. Eng.
0	MANGANESE		2	ug/l	Env. Eng.
0	SODIUM		1200	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC NITROGEN	LT	5000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	GROSS ALPHA		2.75+-1.08	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		3.52+-1.02	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.53+-0.85	pCi/l	Rad. Meas.
0	TRITIUM		4.39+-0.28	pCi/ml	Rad. Meas.

WELL LRP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/08/89 Time 1555
Depth to water = 48.37 ft (14.74 m) below the TOC
Water elevation = 204.53 ft (62.34 m) msl
pH = 4.4 Alkalinity = 0 mg/L
Specific Conductance = 31 umhos/cm
Water Temperature = 19.3 degrees Celsius
Water evacuated from the well prior to sampling = 49 gal

LABORATORY ANALYSES

0	SILVER	LT	2	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		530	ug/l	Env. Eng.
0	LEAD		14	ug/l	Env. Eng.
0	LEAD		9	ug/l	Env. Eng.

CONTINUED

WELL LRP 1 COLLECTED ON 01/08/89 LABORATORY ANALYSES CONTINUED

0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	GROSS ALPHA		1.79+-0.84	pCi/l	Rad. Meas.

WELL LRP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/08/89 Time 1605
Physical or mechanical failure prevented sample collection.

WELL LRP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/20/89 Time 1810
pH = 4.6 Alkalinity = 0 mg/L
Specific Conductance = 37 umhos/cm
Water Temperature = 17.7 degrees Celsius
Water evacuated from the well prior to sampling = 52 gal

LABORATORY ANALYSES

0	SILVER	LT	2	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	IRON		17	ug/l	Env. Eng.
0	NICKEL		6	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1150	ug/l	Env. Eng.
2	LEAD		77	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.

WELL LRP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/08/89 Time 1630
Depth to water = 53.19 ft (16.21 m) below the TOC
Water elevation = 205.01 ft (62.49 m) msl
pH = 4.6 Alkalinity = 0 mg/L
Specific Conductance = 44 umhos/cm
Water Temperature = 20.1 degrees Celsius
Water evacuated from the well prior to sampling = 35 gal

LABORATORY ANALYSES

0	SILVER	LT	2	ug/l	Env. Eng.
1	CARBON TETRACHLORIDE		1.38	ug/l	Env. Eng.
1	CHLOROFORM		2	ug/l	Env. Eng.
0	IRON		29	ug/l	Env. Eng.
0	NICKEL		4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		980	ug/l	Env. Eng.
2	LEAD		30	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		9.47	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		14	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		14	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		4.89	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	GROSS ALPHA		1.18+-0.98	pCi/l	Rad. Meas.

WELL LRP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/08/89 Time 1535
Depth to water = 51.18 ft (15.60 m) below the TOC
Water elevation = 204.42 ft (62.31 m) msl
pH = 4.4 Alkalinity = 0 mg/L
Specific Conductance = 39 umhos/cm
Water Temperature = 20.0 degrees Celsius
Water evacuated from the well prior to sampling = 81 gal

LABORATORY ANALYSES

0	SILVER	LT	2	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		930	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		940	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	GROSS ALPHA		3.06+-1.14	pCi/l	Rad. Meas.

WELL LSB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/15/89 Time 1630
Depth to water = 27.09 ft (8.26 m) below the TOC
Water elevation = 205.61 ft (62.67 m) msl
pH = 4.5 Alkalinity = 0 mg/L
Specific Conductance = 23 umhos/cm
Water Temperature = 22.2 degrees Celsius
Water evacuated from the well prior to sampling = 39 gal

LABORATORY ANALYSES

0	PH		5.11	pH	Env. Eng.
0	COPPER		9	ug/l	Env. Eng.
0	LEAD		12	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	GROSS ALPHA		2.94+-1.83	pCi/l	HP, 735A
0	GROSS ALPHA		0.49+-0.44	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		18.93+-2.35	pCi/l	HP, 735A
0	NONVOLATILE BETA		1.17+-0.89	pCi/l	Rad. Meas.
2	TRITIUM		1725+-34.6	pCi/ml	HP, 735A
2	TRITIUM		1880+-7.57	pCi/ml	Rad. Meas.

WELL LSB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/15/89 Time 1810
Depth to water = 28.89 ft (8.81 m) below the TOC
Water elevation = 206.31 ft (62.88 m) msl
pH = 4.0 Alkalinity = 0 mg/L
Specific Conductance = 30 umhos/cm
Water Temperature = 23.9 degrees Celsius
Water evacuated from the well prior to sampling = 29 gal

LABORATORY ANALYSES

0	PH		4.03	pH	Env. Eng.
0	PH		4.08	pH	Env. Eng.
1	COPPER		23	ug/l	Env. Eng.
1	LEAD		23	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	GROSS ALPHA		0.59+-0.41	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TRITIUM		4.68+-0.29	pCi/ml	Rad. Meas.

WELL LSB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/16/89 Time 940
Depth to water = 26.09 ft (7.95 m) below the TOC
Water elevation = 210.31 ft (64.10 m) msl
pH = 4.3 Alkalinity = 0 mg/L
Specific Conductance = 22 umhos/cm
Water Temperature = 21.5 degrees Celsius
Water evacuated from the well prior to sampling = 36 gal

LABORATORY ANALYSES

0	PH		4.44	pH	Env. Eng.
0	COPPER		16	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
1	TOTAL ORGANIC CARBON		5000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	GROSS ALPHA		0.88+-0.46	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		0.93+-0.85	pCi/l	Rad. Meas.
2	TRITIUM		29.20+-0.69	pCi/ml	Rad. Meas.

WELL LSB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/16/89 Time 1105
Depth to water = 22.77 ft (6.94 m) below the TOC
Water elevation = 208.73 ft (63.62 m) msl
pH = 4.1 Alkalinity = 0 mg/L
Specific Conductance = 37 umhos/cm
Water Temperature = 23.2 degrees Celsius
Water evacuated from the well prior to sampling = 45 gal

LABORATORY ANALYSES

0	PH		4.38	pH	Env. Eng.
0	PH		4.36	pH	Env. Eng.
1	COPPER		21	ug/l	Env. Eng.
2	LEAD		32	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	GROSS ALPHA		0.55+-0.87	pCi/l	HP, 735A
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.36+-0.87	pCi/l	HP, 735A
0	NONVOLATILE BETA		1.09+-0.75	pCi/l	Rad. Meas.
2	TRITIUM		2546+- 51	pCi/ml	HP, 735A
2	TRITIUM		2870+-57.7	pCi/ml	Rad. Meas.

WELL MCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/22/89 Time 840
Depth to water = 108.86 ft (33.18 m) below the TOC
Water elevation = 219.54 ft (66.92 m) msl
pH = 6.0 Alkalinity = 4 mg/L
Specific Conductance = 17 umhos/cm
Water Temperature = 17.6 degrees Celsius
Water evacuated from the well prior to sampling = 12 gal
The well went dry during purging.

LABORATORY ANALYSES

0	PH		5.70	pH	Env. Eng.
0	CALCIUM		677	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	IRON		22	ug/l	Env. Eng.
0	MANGANESE		2	ug/l	Env. Eng.
0	SODIUM		989	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		22.0	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		10.4	ug/l	M-Area,SRS
2	TOTAL ORGANIC HALOGENS		69	ug/l	Env. Eng.
1	TOTAL PHOSPHATES		340	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		56.0	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		91.7	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/22/89 Time 945
Depth to water = 129.33 ft (39.42 m) below the TOC
Water elevation = 221.07 ft (67.38 m) msl
pH = 5.3 Alkalinity = 1 mg/L
Specific Conductance = 12 umhos/cm
Water Temperature = 16.5 degrees Celsius
Water evacuated from the well prior to sampling = 5 gal
The well went dry during purging.

LABORATORY ANALYSES

0	PH		4.74	pH	Env. Eng.
0	PH		4.86	pH	Env. Eng.
0	CALCIUM		251	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	IRON		29	ug/l	Env. Eng.
0	MANGANESE		11	ug/l	Env. Eng.
0	SODIUM		1140	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		15.0	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		23.0	ug/l	M-Area,SRS
2	TOTAL ORGANIC HALOGENS		72	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		20	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		51.0	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		79.0	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MCB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/22/89 Time 925
Depth to water = 118.30 ft (36.06 m) below the TOC
Water elevation = 221.30 ft (67.45 m) msl
pH = 6.3 Alkalinity = 8 mg/L
Specific Conductance = 26 umhos/cm
Water Temperature = 16.0 degrees Celsius
Water evacuated from the well prior to sampling = 6 gal
The well went dry during purging.

LABORATORY ANALYSES

0	PH		6.06	pH	Env. Eng
0	CALCIUM		3930	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	M-Area,SRS
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MANGANESE		16	ug/l	Env. Eng.
0	SODIUM		1160	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		40.0	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		36.0	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		59.4	ug/l	M-Area,SRS
2	TOTAL ORGANIC HALOGENS		362	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		150	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		370	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		371	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		448	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	M-Area,SRS

CONTINUED

WELL MCB 5 COLLECTED ON 01/22/89 LABORATORY ANALYSES CONTINUED

0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5 ug/l	M-Area,SRS

WELL MCB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/22/89 Time 905
Depth to water = 114.96 ft (35.04 m) below the TOC
Water elevation = 217.14 ft (66.19 m) msl
pH = 6.0 Alkalinity = 8 mg/L
Specific Conductance = 24 umhos/cm
Water Temperature = 15.9 degrees Celsius
Water evacuated from the well prior to sampling = 3 gal
The well went dry during purging.

LABORATORY ANALYSES

0	PH		5.89 pH	Env. Eng.
0	CALCIUM		431 ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00 ug/l	Env. Eng.
0	CHLOROFORM	LT	1 ug/l	Env. Eng.
0	CHLOROFORM	LT	1 ug/l	M-Area,SRS
0	CHROMIUM	LT	4 ug/l	Env. Eng.
0	IRON	LT	20 ug/l	Env. Eng.
2	MANGANESE		67 ug/l	Env. Eng.
0	SODIUM		2750 ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		1.00 ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		2.78 ug/l	M-Area,SRS
0	TOTAL ORGANIC HALOGENS	LT	5 ug/l	Env. Eng.
0	TOTAL PHOSPHATES		30 ug/l	Env. Eng.
0	TOTAL PHOSPHATES		30 ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00 ug/l	Env. Eng.
1	TRICHLOROETHYLENE		1.58 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	M-Area,SRS

WELL MGA 36

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/27/89 Time
The well was dry.

WELL MGC 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/27/89 Time 1010
Depth to water = 55.50 ft (16.92 m) below the TOC
Water elevation = 228.60 ft (69.68 m) msl
pH = 6.3
Specific Conductance = 223 umhos/cm
Water Temperature = 17.7 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	3.20+-1.74 pCi/l	HP, 735A
0	NONVOLATILE BETA	8.38+-2.13 pCi/l	HP, 735A
2	TRITIUM	6971+- 188 pCi/ml	HP, 735A

WELL MGC 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/27/89 Time
The well was dry.

WELL MGC 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/27/89 Time 955
Depth to water = 55.00 ft (16.76 m) below the TOC
Water elevation = 231.60 ft (70.59 m) msl
pH = 6.1
Specific Conductance = 214 umhos/cm
Water Temperature = 18.4 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	3.46+-2.66 pCi/l	HP, 735A
2	GROSS ALPHA	22.60+-2.80 pCi/l	Rad. Meas
0	NONVOLATILE BETA	0.87+-1.21 pCi/l	HP, 735A
0	NONVOLATILE BETA	4.77+-1.03 pCi/l	Rad. Meas.
2	TRITIUM	24.94+-1.27 pCi/ml	HP, 735A
2	TRITIUM	27.40+-0.42 pCi/ml	Rad. Meas.

WELL MGC 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/27/89 Time
The well was dry.

WELL MGC 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/27/89 Time 940
Depth to water = 54.20 ft (16.52 m) below the TOC
Water elevation = 243.80 ft (74.31 m) msl
pH = 5.6
Specific Conductance = 61 umhos/cm
Water Temperature = 18.6 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	1.84+-1.44 pCi/l	HP, 735A
0	NONVOLATILE BETA	4.20+-1.06 pCi/l	HP, 735A
2	TRITIUM	2481+-50.9 pCi/ml	HP, 735A

WELL MGC 36

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/27/89 Time 930
Depth to water = 62.00 ft (18.90 m) below the TOC
Water elevation = 234.60 ft (71.51 m) msl
pH = 5.5
Specific Conductance = 36 umhos/cm
Water Temperature = 19.8 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	2.78+-1.72 pCi/l	HP, 735A
0	NONVOLATILE BETA	3.82+-1.01 pCi/l	HP, 735A
2	TRITIUM	5630+- 113 pCi/ml	HP, 735A

WELL MGE 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/27/89 Time
The well was dry.

WELL MGE 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/27/89 Time
The well was dry.

WELL MGE 30

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/27/89 Time 945
Depth to water = 47.00 ft (14.33 m) below the TOC
Water elevation = 235.20 ft (71.69 m) msl
pH = 4.9
Specific Conductance = 64 umhos/cm
Water Temperature = 18.5 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	2.18+-1.53 pCi/l	HP, 735A
2	GROSS ALPHA	122+-8.23 pCi/l	Rad. Meas
0	NONVOLATILE BETA	2.84+-0.90 pCi/l	HP, 735A
2	NONVOLATILE BETA	102+-3.60 pCi/l	Rad. Meas
2	TRITIUM	97.81+-2.20 pCi/ml	HP, 735A
2	TRITIUM	99.60+-1.75 pCi/ml	Rad. Meas

WELL MGE 34

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/27/89 Time
The well was dry.

WELL MGG 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/27/89 Time
The well was dry.

WELL MGG 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/27/89 Time
The well was dry.

WELL MGG 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/27/89 Time
The well was dry.

WELL MGG 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/27/89 Time
The well was dry.

WELL MGG 36

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/27/89 Time
The well was dry.

WELL MSB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/25/89 Time 1005
Physical or mechanical failure prevented sample collection.

WELL MSB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/29/89 Time 1530
The well was dry.

WELL MSB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/31/89 Time 1750
The well was dry.

WELL MSB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/29/89 Time 1215
pH = 4.0 Alkalinity = 0 mg/L
Specific Conductance = 44 umhos/cm
Water Temperature = 21.2 degrees Celsius
Water evacuated from the well prior to sampling = 23 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		47.30	UMHC	Env. Eng.
0	PH		4.50	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
1	ALUMINUM		339	ug/l	Env. Eng.
0	ALKALINITY	LT	2000	ug/l	Env. Eng.
0	ALKALINITY	LT	2000	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		8	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		3230	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
1	COPPER		333	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		37	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng
0	TOLUENE	LT	5	ug/l	Env. Eng
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		282	ug/l	Env. Eng.
0	MANGANESE		9	ug/l	Env. Eng.
0	SODIUM		2370	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1950	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1940	ug/l	Env. Eng
2	LEAD		45	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		8570	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	TIN	LT	120	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		378	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		589	ug/l	M-Area,SRS
0	TOTAL DISSOLVED SOLIDS		28000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1200	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		764	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		42	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		262	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		343	ug/l	M-Area,SRS
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
1	TRANS-1,2-DICHLOROETHENE		17	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
1	1,1,1-TRICHLOROETHANE		9	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		70	ug/l	Env. Eng.
1	GROSS ALPHA		5.01+-1.12	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		6.20+-1.17	pCi/l	Rad. Meas.
2	TOTAL RADIUM		7.75+-1.90	pCi/l	Rad. Meas.

WELL MSB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/22/89 Time 1350
The well was dry.

WELL MSB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/25/89 Time 910
Physical or mechanical failure prevented sample collection.

WELL MSB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/29/89 Time 1630
The well was dry.

WELL MSB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/31/89 Time 1730
pH = 5.1 Alkalinity = 4 mg/L
Specific Conductance = 103 umhos/cm
Water Temperature = 18.2 degrees Celsius
Water evacuated from the well prior to sampling = 31 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		112.0	UMHC	Env. Eng.
0	PH		5.31	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
1	ALKALINITY		7000	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		7	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		2970	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		4400	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CARBON DISULFIDE	LT	5	ug/l	Env. Eng.
0	COPPER		12	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		626	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		413	ug/l	Env. Eng.
0	MANGANESE		10	ug/l	Env. Eng.
1	SODIUM		17400	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
1	NITRATE AS NITROGEN		9710	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		7770	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	TIN	LT	120	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		17.0	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		18.1	ug/l	M-Area,SRS
0	TOTAL DISSOLVED SOLIDS		76000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		33	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		23	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		20	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		7.00	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		58.6	ug/l	M-Area,SRS

CONTINUED

WELL MSB 5A COLLECTED ON 01/31/89 LABORATORY ANALYSES CONTINUED

0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
1	1,1,1-TRICHLOROETHANE		7	ug/l	Env. Eng.
1	1,1,1-TRICHLOROETHANE		43	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		31	ug/l	Env. Eng.
0	GROSS ALPHA		3.95+-1.67	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		10.23+-1.36	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.83+-0.64	pCi/l	Rad. Meas.

WELL MSB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/31/89 Time 1710
Depth to water = 115.92 ft (35.33 m) below the TOC
Water elevation = 227.98 ft (69.49 m) msl
pH = 4.8 Alkalinity = 1 mg/L
Specific Conductance = 43 umhos/cm
Water Temperature = 18.6 degrees Celsius
Water evacuated from the well prior to sampling = 48 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		56.50	UMHC	Env. Eng.
0	PH		5.16	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
1	ALKALINITY		11000	ug/l	Env. Eng.
1	ALKALINITY		11000	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		4	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		1220	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		5800	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CARBON DISULFIDE	LT	5	ug/l	Env. Eng.
0	COPPER		10	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		23	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		159	ug/l	Env. Eng.
0	MANGANESE		5	ug/l	Env. Eng.
1	SODIUM		7080	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		470	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		7230	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	TIN	LT	120	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL DISSOLVED SOLIDS		22000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1200	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		26	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.

CONTINUED

WELL MSB 6A COLLECTED ON 01/31/89 LABORATORY ANALYSES CONTINUED

0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		8	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.02+-0.50	pCi/l	Rad. Meas.

WELL MSB 7A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/29/89 Time 1455
Depth to water = 116.16 ft (35.41 m) below the TOC
Water elevation = 228.34 ft (69.60 m) msl
pH = 4.8 Alkalinity = 1 mg/L
Specific Conductance = 84 umhos/cm
Water Temperature = 19.3 degrees Celsius
Water evacuated from the well prior to sampling = 42 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		83.10	UMHC	Env. Eng.
0	PH		5.34	pH	Env. Eng.
2	SILVER		180	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
1	ALKALINITY		6000	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		13	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		1600	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3500	ug/l	Env. Eng.
0	CHLORIDE		3600	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		27	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		481	ug/l	Env. Eng.
0	MANGANESE		17	ug/l	Env. Eng.
1	SODIUM		12300	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
1	NITRATE AS NITROGEN		6380	ug/l	Env. Eng.
0	LEAD		6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		7570	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	TIN	LT	120	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		7.00	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		8.18	ug/l	M-Area,SRS
0	TOTAL DISSOLVED SOLIDS		62000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1400	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		10	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		117	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	M-Area,SRS
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		11	ug/l	Env. Eng.

CONTINUED

WELL MSB 7A COLLECTED ON 03/29/89 LABORATORY ANALYSES CONTINUED

0	GROSS ALPHA		3.69+-1.03	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		8.28+-1.20	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.

WELL MSB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/12/89 Time 1030
Depth to water = 114.61 ft (34.93 m) below the TOC
Water elevation = 229.59 ft (69.98 m) msl
pH = 4.6 Alkalinity = 0 mg/L
Specific Conductance = 181 umhos/cm
Water Temperature = 17.8 degrees Celsius
Water evacuated from the well prior to sampling = 82 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		160.0	UMHC	Env. Lab.
1	SPECIFIC CONDUCTANCE		173.0	UMHC	W. A.
1	SPECIFIC CONDUCTANCE		165.0	UMHC	Env. Eng.
0	PH		4.80	pH	Env. Lab.
0	PH		4.90	pH	W. A.
0	PH		4.70	pH	Env. Eng.
0	SILVER	LT	10	ug/l	Env. Lab.
0	SILVER	LT	10	ug/l	W. A.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	400	ug/l	Env. Lab.
0	ALUMINUM	LT	200	ug/l	W. A.
0	ALUMINUM		42	ug/l	Env. Eng.
0	ALKALINITY	LT	1000	ug/l	Env. Lab.
0	ALKALINITY	LT	100	ug/l	W. A.
0	ALKALINITY	LT	2000	ug/l	Env. Eng.
0	ARSENIC	LT	5	ug/l	Env. Lab.
0	ARSENIC	LT	10	ug/l	W. A.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	100	ug/l	Env. Lab.
0	BARIUM	LT	200	ug/l	W. A.
0	BARIUM		12	ug/l	Env. Eng.
0	BERYLLIUM	LT	5	ug/l	W. A.
0	BROMODICHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	BROMODICHLOROMETHANE	LT	5	ug/l	W. A.
0	BROMODICHLOROMETHANE	LT	25	ug/l	Env. Eng.
0	CALCIUM		2500	ug/l	Env. Lab.
0	CALCIUM	LT	5000	ug/l	W. A.
0	CALCIUM		2360	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	1	ug/l	Env. Lab.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	W. A.
0	TRICHLOROFLUOROMETHANE	LT	25	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Lab.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	W. A.
0	CARBON TETRACHLORIDE	LT	25.0	ug/l	Env. Eng.
0	CADMIUM	LT	10	ug/l	Env. Lab.
0	CADMIUM	LT	5	ug/l	W. A.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	1	ug/l	Env. Lab.
0	BROMOFORM	LT	5	ug/l	W. A.
0	BROMOFORM	LT	50	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Lab.
0	CHLOROFORM	LT	5	ug/l	W. A.
0	CHLOROFORM	LT	25	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	1	ug/l	Env. Lab.
0	METHYLENE CHLORIDE	LT	5	ug/l	W. A.
0	METHYLENE CHLORIDE	LT	25	ug/l	Env. Eng.
0	BROMOMETHANE	LT	1	ug/l	Env. Lab.
0	BROMOMETHANE	LT	10	ug/l	W. A.
0	BROMOMETHANE	LT	50	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	CHLOROMETHANE	LT	10	ug/l	W. A.
0	CHLOROMETHANE	LT	50	ug/l	Env. Eng.
0	CHLORIDE		4000	ug/l	Env. Lab.
0	CHLORIDE		5700	ug/l	W. A.
0	CHLORIDE		3300	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	CHLOROBENZENE	LT	5	ug/l	W. A.
0	CHLOROBENZENE	LT	25	ug/l	Env. Eng.
0	COBALT	LT	50	ug/l	Env. Lab.
0	COBALT	LT	50	ug/l	W. A.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	50	ug/l	Env. Lab.
1	CHROMIUM		20	ug/l	W. A.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	20	ug/l	Env. Lab.
0	COPPER	LT	25	ug/l	W. A.
0	COPPER		5	ug/l	Env. Eng.
0	CYANIDE	LT	20	ug/l	Env. Lab.
0	CYANIDE	LT	10	ug/l	W. A.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	1	ug/l	Env. Lab.
0	CHLOROETHENE	LT	10	ug/l	W. A.
0	CHLOROETHENE	LT	50	ug/l	Env. Eng.
0	CHLOROETHANE	LT	1	ug/l	Env. Lab.
0	CHLOROETHANE	LT	10	ug/l	W. A.
0	CHLOROETHANE	LT	50	ug/l	Env. Eng.
0	BENZENE	LT	1	ug/l	Env. Lab.
0	BENZENE	LT	5	ug/l	W. A.
0	BENZENE	LT	25	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	W. A.
0	DIBROMOCHLOROMETHANE	LT	25	ug/l	Env. Eng.
0	ENDRIN	LT	0.05	ug/l	Env. Lab.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	1	ug/l	Env. Lab.
0	ETHYLBENZENE	LT	5	ug/l	W. A.
0	ETHYLBENZENE	LT	25	ug/l	Env. Eng.

CONTINUED

WELL MSB 8A COLLECTED ON 03/12/89 LABORATORY ANALYSES CONTINUED

0	FLUORIDE	LT	100	ug/l	Env. Lab.
0	FLUORIDE	LT	100	ug/l	W. A.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	50	ug/l	Env. Lab.
0	IRON	LT	100	ug/l	W. A.
0	IRON		34	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Lab.
0	MERCURY	LT	0.20	ug/l	W. A.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	1000	ug/l	Env. Lab.
0	POTASSIUM	LT	5000	ug/l	W. A.
0	POTASSIUM		876	ug/l	Env. Eng.
0	LITHIUM	LT	50	ug/l	W. A.
0	LINDANE	LT	0.05	ug/l	Env. Lab.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	1	ug/l	Env. Lab.
0	TOLUENE	LT	5	ug/l	W. A.
0	TOLUENE	LT	25	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.05	ug/l	Env. Lab.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		950	ug/l	Env. Lab.
0	MAGNESIUM	LT	5000	ug/l	W. A.
0	MAGNESIUM		905	ug/l	Env. Eng.
1	MANGANESE		50	ug/l	Env. Lab.
1	MANGANESE		32	ug/l	W. A.
1	MANGANESE		34	ug/l	Env. Eng.
1	SODIUM		26000	ug/l	Env. Lab.
1	SODIUM		28400	ug/l	W. A.
1	SODIUM		26800	ug/l	Env. Eng.
0	NICKEL	LT	50	ug/l	Env. Lab.
0	NICKEL	LT	40	ug/l	W. A.
0	NICKEL	LT	4	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		20000	ug/l	Env. Lab.
2	NITRATE AS NITROGEN		19900	ug/l	W. A.
2	NITRATE AS NITROGEN		18400	ug/l	Env. Eng.
0	LEAD	LT	100	ug/l	Env. Lab.
0	LEAD		5	ug/l	W. A.
2	LEAD		41	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Lab.
0	PHENOLS	LT	5	ug/l	W. A.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	200	ug/l	Env. Lab.
0	ANTIMONY	LT	60	ug/l	W. A.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	10	ug/l	Env. Lab.
0	SELENIUM	LT	5	ug/l	W. A.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		7400	ug/l	Env. Lab.
1	SILICA		3260	ug/l	W. A.
1	SILICA		7160	ug/l	Env. Eng.
0	SILVEX	LT	0.50	ug/l	Env. Lab.
0	SILVEX	LT	0.55	ug/l	W. A.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	TIN	LT	1000	ug/l	Env. Lab.
0	TIN	LT	100	ug/l	W. A.
0	TIN	LT	120	ug/l	Env. Eng.
0	SULFATE		8000	ug/l	Env. Lab.
0	SULFATE	LT	5000	ug/l	W. A.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,2,2-TETRACHLOROETHANE	LT	5	ug/l	W. A.
0	1,1,2,2-TETRACHLOROETHANE	LT	50	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		260	ug/l	Env. Lab.
2	TETRACHLOROETHYLENE		270	ug/l	W. A.
2	TETRACHLOROETHYLENE		253	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		307	ug/l	M-Area,SRS
0	TOTAL DISSOLVED SOLIDS		130000	ug/l	Env. Lab.
0	TOTAL DISSOLVED SOLIDS		122000	ug/l	W. A.
0	TOTAL DISSOLVED SOLIDS		134000	ug/l	Env. Eng.
0	THALLIUM	LT	10	ug/l	W. A.
0	TOTAL ORGANIC CARBON	LT	5000	ug/l	Env. Lab.
0	TOTAL ORGANIC CARBON	LT	500	ug/l	W. A.
0	TOTAL ORGANIC CARBON		1800	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	10	ug/l	Env. Lab.
2	TOTAL ORGANIC HALOGENS		200	ug/l	W. A.
2	TOTAL ORGANIC HALOGENS		160	ug/l	W. A.
2	TOTAL ORGANIC HALOGENS		281	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		10	ug/l	Env. Lab.
0	TOTAL PHOSPHATES	LT	50	ug/l	W. A.
0	TOTAL PHOSPHATES		23	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		91.0	ug/l	Env. Lab.
2	TRICHLOROETHYLENE		81.0	ug/l	W. A.
2	TRICHLOROETHYLENE		75.0	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		94.7	ug/l	M-Area,SRS
0	TOXAPHENE	LT	0.05	ug/l	Env. Lab.
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	Env. Lab.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	W. A.
0	TRANS-1,2-DICHLOROETHENE	LT	25	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Lab.
0	URANIUM	LT	1000	ug/l	W. A.
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	VANADIUM	LT	50	ug/l	W. A.
0	XYLENES	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	W. A.
0	1,1-DICHLOROETHYLENE	LT	25	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHANE	LT	5	ug/l	W. A.
0	1,1-DICHLOROETHANE	LT	25	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Lab
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	W. A.
0	1,1,1-TRICHLOROETHANE	LT	25	ug/l	Env. Eng.
1	1,1,1-TRICHLOROETHANE		2	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	1	ug/l	Env. Lab

CONTINUED

WELL MSB 8A COLLECTED ON 03/12/89 LABORATORY ANALYSES CONTINUED

0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	W. A.
0	1,1,2-TRICHLOROETHANE	LT	25	ug/l	Env. Eng
0	1,2-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROETHANE	LT	5	ug/l	W. A.
0	1,2-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROPROPANE	LT	5	ug/l	W. A.
0	1,2-DICHLOROPROPANE	LT	50	ug/l	Env. Eng.
0	1,3-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	CIS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	W. A.
0	CIS-1,3-DICHLOROPROPENE	LT	25	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	W. A.
0	TRANS-1,3-DICHLOROPROPENE	LT	25	ug/l	Env. Eng.
0	1,4-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	2-CHLOROETHYLVINYL ETHER	LT	1	ug/l	Env. Lab.
0	2-CHLOROETHYLVINYL ETHER	LT	5	ug/l	W. A.
0	2-CHLOROETHYLVINYL ETHER	LT	50	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.50	ug/l	Env. Lab
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	1	ug/l	W. A.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng
0	2,4,5-TRICHLOROPHENOXYACETIC ACID	LT	0.55	ug/l	W. A.
0	ZINC	LT	10	ug/l	Env. Lab
0	ZINC	LT	20	ug/l	W. A.
0	ZINC		15	ug/l	Env. Eng.
0	GROSS ALPHA		4.40+-1.09	pCi/l	Env. Lab.
1	GROSS ALPHA		5.00+-2.00	pCi/l	W. A.
1	GROSS ALPHA		7.97+-1.78	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		12.79+-1.13	pCi/l	Env. Lab.
1	NONVOLATILE BETA		33.00+-4.00	pCi/l	W. A.
1	NONVOLATILE BETA		27.40+-1.99	pCi/l	Rad. Meas.
1	TOTAL RADIUM		4.42+-0.45	pCi/l	Env. Lab.
1	TOTAL RADIUM		4.80+-0.70	pCi/l	W. A.
2	TOTAL RADIUM		10.30+-1.51	pCi/l	Rad. Meas.

WELL MSB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/12/89 Time 1030
Depth to water = 114.61 ft (34.93 m) below the TOC
Water elevation = 229.59 ft (69.98 m) msl
pH = 4.6 Alkalinity = 0 mg/L
Specific Conductance = 181 umhos/cm
Water Temperature = 17.8 degrees Celsius
Water evacuated from the well prior to sampling = 82 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		170.0	UMHO	Env. Eng.
0	PH		4.68	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng
0	ALUMINUM		40	ug/l	Env. Eng.
0	ALKALINITY	LT	2000	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		13	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	25	ug/l	Env. Eng.
0	CALCIUM		3470	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	25	ug/l	Env. Eng
0	CARBON TETRACHLORIDE	LT	25.0	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	50	ug/l	Env. Eng.
0	CHLOROFORM	LT	25	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	25	ug/l	Env. Eng.
0	BROMOMETHANE	LT	50	ug/l	Env. Eng
0	CHLOROMETHANE	LT	50	ug/l	Env. Eng
0	CHLORIDE		3600	ug/l	Env. Eng
0	CHLOROBENZENE	LT	25	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		6	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	50	ug/l	Env. Eng.
0	CHLOROETHANE	LT	50	ug/l	Env. Eng.
0	BENZENE	LT	25	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	25	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	25	ug/l	Env. Eng
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		43	ug/l	Env. Eng
0	MERCURY	LT	0.20	ug/l	Env. Eng
0	POTASSIUM		833	ug/l	Env. Eng
0	LINDANE	LT	0.05	ug/l	Env. Eng
0	TOLUENE	LT	25	ug/l	Env. Eng
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng
0	MAGNESIUM		915	ug/l	Env. Eng
1	MANGANESE		35	ug/l	Env. Eng
1	SODIUM		27900	ug/l	Env. Eng
0	NICKEL	LT	4	ug/l	Env. Eng
2	NITRATE AS NITROGEN		18600	ug/l	Env. Eng
0	LEAD		10	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng
1	SILICA		7150	ug/l	Env. Eng
1	SILICA		7130	ug/l	Env. Eng
0	SILVEX	LT	0.09	ug/l	Env. Eng
0	TIN	LT	120	ug/l	Env. Eng
0	SULFATE	LT	5000	ug/l	Env. Eng
0	1,1,2,2-TETRACHLOROETHANE	LT	50	ug/l	Env. Eng
2	TETRACHLOROETHYLENE		270	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		330	ug/l	M-Area,SRS
0	TOTAL DISSOLVED SOLIDS		132000	ug/l	Env. Eng

CONTINUED

WELL MSB 8A COLLECTED ON 03/12/89 LABORATORY ANALYSES CONTINUED

0	TOTAL ORGANIC CARBON		2700	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		294	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		80.0	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		91.8	ug/l	M-Area,SRS
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	25	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	25	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	25	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	25	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	25	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	50	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	25	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	25	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	50	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		24	ug/l	Env. Eng.
1	GROSS ALPHA		6.95+-1.69	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		26.80+-1.95	pCi/l	Rad. Meas.
2	TOTAL RADIUM		10.50+-1.49	pCi/l	Rad. Meas.

WELL MSB 9A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/08/89 Time 1035
Depth to water = 149.49 ft (45.57 m) below the TOC
Water elevation = 209.91 ft (63.98 m) msl
pH = 6.4 Alkalinity = 15 mg/L
Specific Conductance = 51 umhos/cm
Water Temperature = 17.8 degrees Celsius
Water evacuated from the well prior to sampling = 184 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		59.60	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		60.00	UMHC	Env. Eng.
0	PH		5.88	pH	Env. Eng.
0	PH		5.94	pH	Env. Eng.
1	SILVER		3	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		9	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	500	ug/l	Env. Eng.
0	CALCIUM		4550	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	500	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	500	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	1000	ug/l	Env. Eng.
0	CHLOROFORM	LT	500	ug/l	Env. Eng.
0	CHLOROFORM	LT	50	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	500	ug/l	Env. Eng.
0	BROMOMETHANE	LT	1000	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	1000	ug/l	Env. Eng.
0	CHLORIDE		2200	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	500	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		7	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	1000	ug/l	Env. Eng.
0	CHLOROETHANE	LT	1000	ug/l	Env. Eng.
0	BENZENE	LT	500	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	500	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	500	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	TOLUENE	LT	500	ug/l	Env. Eng.
0	MAGNESIUM		275	ug/l	Env. Eng.
0	MANGANESE		3	ug/l	Env. Eng.
0	SODIUM		1670	ug/l	Env. Eng.
0	NICKEL		7	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		271	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		305	ug/l	Env. Eng.
0	LEAD		16	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	1000	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		2330	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		2330	ug/l	M-Area,SRS
0	TOTAL PHOSPHATES		34	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		22	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		3099	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		2830	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	500	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	50	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	500	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	50	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	500	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	500	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	50	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	500	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	100	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	1000	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	500	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	500	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	1000	ug/l	Env. Eng.
2	ZINC		2510	ug/l	Env. Eng.
0	GROSS ALPHA		0.58+-0.52	pCi/l	Rad. Meas.

CONTINUED

WELL MSB 9A COLLECTED ON 03/08/89 LABORATORY ANALYSES CONTINUED

0	NONVOLATILE BETA		1.07+-0.92	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.11+-0.67	pCi/l	Rad. Meas

WELL MSB 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/08/89 Time 1340
Depth to water = 128.90 ft (39.29 m) below the TOC
Water elevation = 230.70 ft (70.32 m) msl
pH = 9.5 Alkalinity = 17 mg/L
Specific Conductance = 208 umhos/cm
Water Temperature = 17.5 degrees Celsius
Water evacuated from the well prior to sampling = 11 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		210.0	UMHC	Env. Eng.
2	PH		8.84	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM		34	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		27	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		21800	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	500	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		13	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	ETHYLBENZENE		25	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		1280	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
1	SODIUM		14800	ug/l	Env. Eng
0	NICKEL	LT	4	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		17100	ug/l	Env. Eng.
0	LEAD		10	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SULFATE		16000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		49500	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		26100	ug/l	M-Area,SRS
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		33000	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		27700	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	500	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
1	1,1-DICHLOROETHYLENE		17	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	500	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,1,1-TRICHLOROETHANE	LT	500	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		21	ug/l	Env. Eng.
0	GROSS ALPHA		4.84+-1.75	pCi/l	Rad. Meas.
0	GROSS ALPHA		4.68+-1.75	pCi/l	Rad. Meas
0	NONVOLATILE BETA		6.33+-1.46	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		6.24+-1.62	pCi/l	Rad. Meas.
1	TOTAL RADIUM		4.58+-1.06	pCi/l	Rad. Meas.
1	TOTAL RADIUM		3.72+-0.98	pCi/l	Rad. Meas.

WELL MSB 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/08/89 Time 950
Depth to water = 128.94 ft (39.30 m) below the TOC
Water elevation = 230.16 ft (70.15 m) msl
pH = 4.0 Alkalinity = 0 mg/L
Specific Conductance = 285 umhos/cm
Water Temperature = 17.1 degrees Celsius
Water evacuated from the well prior to sampling = 24 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		297.0	UMHC	Env. Eng.
1	PH		3.71	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
2	ALUMINUM		4470	ug/l	Env. Eng.
2	ALUMINUM		4410	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		80	ug/l	Env. Eng.
1	BARIUM		79	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		12400	ug/l	Env. Eng.
1	CALCIUM		13200	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
1	CHLOROFORM		5	ug/l	Env. Eng.
0	CHLOROFORM	LT	2000	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		6200	ug/l	Env. Eng.
1	CHLOROBENZENE		16	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
1	COPPER		38	ug/l	Env. Eng.
1	COPPER		35	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	IRON		88	ug/l	Env. Eng.
0	IRON		78	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		2290	ug/l	Env. Eng.
0	MAGNESIUM		2320	ug/l	Env. Eng.
2	MANGANESE		270	ug/l	Env. Eng.
2	MANGANESE		266	ug/l	Env. Eng.
1	SODIUM		21700	ug/l	Env. Eng.
1	SODIUM		21700	ug/l	Env. Eng.
1	NICKEL		38	ug/l	Env. Eng.
1	NICKEL		36	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		30200	ug/l	Env. Eng.
2	LEAD		27	ug/l	Env. Eng.
2	LEAD		31	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
1	1,1,2,2-TETRACHLOROETHANE		20	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		21000	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		64800	ug/l	M-Area,SRS
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		150000	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		44300	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	2000	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	URANIUM	LT	1000	ug/l	Env. Eng.
1	1,1-DICHLOROETHYLENE		12	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	2000	ug/l	M-Area,SRS
1	1,1-DICHLOROETHANE		7	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	2000	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		73	ug/l	Env. Eng.
0	ZINC		67	ug/l	Env. Eng.
2	GROSS ALPHA		120+-8.51	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		74.10+-3.65	pCi/l	Rad. Meas.
2	TOTAL RADIUM		108+-4.65	pCi/l	Rad. Meas.

WELL MSB 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/04/89 Time 1550
Depth to water = 145.82 ft (44.45 m) below the TOC
Water elevation = 209.18 ft (63.70 m) msl
pH = 4.9 Alkalinity = 3 mg/L
Specific Conductance = 24 umhos/cm
Water Temperature = 17.8 degrees Celsius
Water evacuated from the well prior to sampling = 237 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		22.60	UMHC	Env. Eng.
0	PH		5.59	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		5	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		1460	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2200	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		5	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		304	ug/l	Env. Eng.
0	MANGANESE		3	ug/l	Env. Eng.
0	SODIUM		1580	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		230	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		1.94	ug/l	M-Area,SRS
0	TOTAL PHOSPHATES		50	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		8.00	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		14.4	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
1	TRANS-1,2-DICHLOROETHENE		3	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		98	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.25+-0.79	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.

WELL MSB 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/04/89 Time 1605
Depth to water = 143.27 ft (43.67 m) below the TOC
Water elevation = 211.43 ft (64.44 m) msl
pH = 4.8 Alkalinity = 1 mg/L
Specific Conductance = 36 umhos/cm
Water Temperature = 18.0 degrees Celsius
Water evacuated from the well prior to sampling = 151 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		38.90	UMHC	Env. Eng.
0	PH		5.08	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		13	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		2990	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.

CONTINUED

WELL MSB 10B COLLECTED ON 01/04/89 LABORATORY ANALYSES CONTINUED

0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2400	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		813	ug/l	Env. Eng.
0	MANGANESE		3	ug/l	Env. Eng.
0	SODIUM		2680	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		60	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE		7800	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL PHOSPHATES		80	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		2.61	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		95	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.33+-0.81	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.

WELL MSB 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/04/89 Time 1639
Depth to water = 126.33 ft (38.51 m) below the TOC
Water elevation = 229.67 ft (70.00 m) msl
pH = 6.5 Alkalinity = 43 mg/L
Specific Conductance = 276 umhos/cm
Water Temperature = 17.7 degrees Celsius
Water evacuated from the well prior to sampling = 140 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		297.0	UMHC	Env. Eng.
0	PH		6.48	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		168	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	1250	ug/l	Env. Eng.
1	CALCIUM		28200	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	1250	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1250	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	2500	ug/l	Env. Eng.
0	CHLOROFORM	LT	1250	ug/l	Env. Eng.
0	CHLOROFORM	LT	1000	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	1250	ug/l	Env. Eng.
0	BROMOMETHANE	LT	2500	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	2500	ug/l	Env. Eng.
0	CHLORIDE		4800	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	1250	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		12	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	2500	ug/l	Env. Eng.
0	CHLOROETHANE	LT	2500	ug/l	Env. Eng.
0	BENZENE	LT	1250	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	1250	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	1250	ug/l	Env. Eng.
0	IRON		22	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	TOLUENE	LT	1250	ug/l	Env. Eng.
0	MAGNESIUM		4380	ug/l	Env. Eng.
1	MANGANESE		43	ug/l	Env. Eng.
1	SODIUM		22600	ug/l	Env. Eng.
0	NICKEL		5	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		22300	ug/l	Env. Eng.
1	LEAD		25	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	2500	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		5062	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		26500	ug/l	M-Area,SRS
0	TOTAL PHOSPHATES		40	ug/l	Env. Eng.

CONTINUED

WELL MSB 10C COLLECTED ON 01/04/89 LABORATORY ANALYSES CONTINUED

2	TRICHLOROETHYLENE		14310	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		27800	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1250	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	1000	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	1250	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	1000	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	1250	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1250	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1000	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	1250	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	250	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	2500	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	1250	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	1250	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	2500	ug/l	Env. Eng.
0	ZINC		33	ug/l	Env. Eng.
1	GROSS ALPHA		7.07+-3.05	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		9.12+-1.63	pCi/l	Rad. Meas.
2	TOTAL RADIUM		7.50+-1.39	pCi/l	Rad. Meas.

WELL MSB 11A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/05/89 Time 920
Depth to water = 152.35 ft (46.44 m) below the TOC
Water elevation = 212.55 ft (64.79 m) msl
pH = 8.0 Alkalinity = 10 mg/L
Specific Conductance = 30 umhos/cm
Water Temperature = 17.2 degrees Celsius
Water evacuated from the well prior to sampling = 212 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		40.50	UMHC	Env. Eng.
0	PH		5.87	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		7	ug/l	Env. Eng.
0	BARIUM		6	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		4780	ug/l	Env. Eng.
0	CALCIUM		4840	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2300	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		5	ug/l	Env. Eng.
0	COPPER		6	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	IRON		22	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		302	ug/l	Env. Eng.
0	MAGNESIUM		294	ug/l	Env. Eng.
0	MANGANESE		3	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		1510	ug/l	Env. Eng.
0	SODIUM		1540	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		210	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		210	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.

CONTINUED

WELL MSB 11A COLLECTED ON 01/05/89 LABORATORY ANALYSES CONTINUED

0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL PHOSPHATES		80	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		70	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		37.0	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		19.0	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		25.0	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
1	TRANS-1,2-DICHLOROETHENE		5	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
1	1,1,1-TRICHLOROETHANE		4	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		101	ug/l	Env. Eng.
0	ZINC		90	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.24+-0.80	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.56+-0.50	pCi/l	Rad. Meas.

WELL MSB 11B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/05/89 Time 905
Depth to water = 144.09 ft (43.92 m) below the TOC
Water elevation = 220.71 ft (67.27 m) msl
pH = 6.1 Alkalinity = 11 mg/L
Specific Conductance = 31 umhos/cm
Water Temperature = 17.9 degrees Celsius
Water evacuated from the well prior to sampling = 168 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		40.10	UMHC	Env. Eng.
0	PH		5.70	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		8	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		5710	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2100	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		10	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		268	ug/l	Env. Eng.
0	MANGANESE		4	ug/l	Env. Eng.
0	SODIUM		1630	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		190	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	M-Area,SRS
0	TOTAL PHOSPHATES		50	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		114	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		124	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	M-Area,SRS

CONTINUED

WELL MSB 11B COLLECTED ON 01/05/89 LABORATORY ANALYSES CONTINUED

0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
1	1,1,1-TRICHLOROETHANE		19	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		125	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.12+-0.79	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.

WELL MSB 11C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/09/89 Time 935
Depth to water = 141.91 ft (43.25 m) below the TOC
Water elevation = 222.99 ft (67.97 m) msl
pH = 4.7 Alkalinity = 0 mg/L
Specific Conductance = 67 umhos/cm
Water Temperature = 17.9 degrees Celsius
Water evacuated from the well prior to sampling = 118 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		99.90	UMHC	Env. Eng
0	SPECIFIC CONDUCTANCE		96.10	UMHC	Env. Eng
0	PH		4.45	pH	Env. Eng
0	PH		4.39	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng
1	ALUMINUM		84	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		30	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		5650	ug/l	Env. Eng
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	1000	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2700	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng
0	COPPER		5	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		2640	ug/l	Env. Eng.
0	MANGANESE		17	ug/l	Env. Eng.
0	SODIUM		4210	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
1	NITRATE AS NITROGEN		7880	ug/l	Env. Eng.
0	LEAD		7	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		15.0	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		3890	ug/l	M-Area,SRS
0	TOTAL PHOSPHATES		20	ug/l	Env. Eng
2	TRICHLOROETHYLENE		33688	ug/l	Env. Eng
2	TRICHLOROETHYLENE		27800	ug/l	M-Area,SRS
1	TRANS-1,2-DICHLOROETHENE		108	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	1000	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	1000	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1000	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng
0	ZINC		35	ug/l	Env. Eng
0	ZINC		33	ug/l	Env. Eng.
1	GROSS ALPHA		5.53+-1.56	pCi/l	Rad. Meas
0	NONVOLATILE BETA		4.75+-1.01	pCi/l	Rad. Meas
0	TOTAL RADIUM		1.09+-0.68	pCi/l	Rad. Meas

WELL MSB 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/05/89 Time 950
Depth to water = 134.13 ft (40.88 m) below the TOC
Water elevation = 231.07 ft (70.43 m) msl
pH = 4.8 Alkalinity = 0 mg/L
Specific Conductance = 27 umhos/cm
Water Temperature = 17.9 degrees Celsius
Water evacuated from the well prior to sampling = 85 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		31.00	UMHC	Env. Eng.
0	PH		4.77	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM		63	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		11	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	1250	ug/l	Env. Eng.
0	CALCIUM		1210	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	1250	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1250	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	2500	ug/l	Env. Eng.
0	CHLOROFORM	LT	1250	ug/l	Env. Eng.
0	CHLOROFORM	LT	200	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	1250	ug/l	Env. Eng.
0	BROMOMETHANE	LT	2500	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	2500	ug/l	Env. Eng.
0	CHLORIDE		2500	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	1250	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		5	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	2500	ug/l	Env. Eng.
0	CHLOROETHANE	LT	2500	ug/l	Env. Eng.
0	BENZENE	LT	1250	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	1250	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	1250	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	TOLUENE	LT	1250	ug/l	Env. Eng.
0	MAGNESIUM		591	ug/l	Env. Eng.
0	MANGANESE		10	ug/l	Env. Eng.
0	SODIUM		2000	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1710	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	2500	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		1055	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		4770	ug/l	M-Area,SRS
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		25595	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		42800	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1250	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	200	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	1250	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	200	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	1250	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1250	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	200	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	1250	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	250	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	2500	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	1250	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	1250	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	2500	ug/l	Env. Eng.
0	ZINC		53	ug/l	Env. Eng.
0	GROSS ALPHA		4.23+-1.17	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.72+-0.88	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.18+-0.69	pCi/l	Rad. Meas.

WELL MSB 11F

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/05/89 Time 1015
Depth to water = 133.60 ft (40.72 m) below the TOC
Water elevation = 231.20 ft (70.47 m) msl
pH = 4.3 Alkalinity = 0 mg/L
Specific Conductance = 24 umhos/cm
Water Temperature = 18.0 degrees Celsius
Water evacuated from the well prior to sampling = 23 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		25.90	UMHC	Env. Eng.
0	PH		4.34	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
1	ALUMINUM		163	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		4	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	50	ug/l	Env. Eng.
0	CALCIUM		295	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	50	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	50.0	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	100	ug/l	Env. Eng.
0	CHLOROFORM	LT	50	ug/l	Env. Eng.
0	CHLOROFORM	LT	100	ug/l	M-Area,SRS

CONTINUED

WELL MSB 11F COLLECTED ON 01/05/89 LABORATORY ANALYSES CONTINUED

0	METHYLENE CHLORIDE	LT	50	ug/l	Env. Eng.
0	BROMOMETHANE	LT	100	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	100	ug/l	Env. Eng.
0	CHLORIDE		3400	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	50	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		9	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	100	ug/l	Env. Eng.
0	CHLOROETHANE	LT	100	ug/l	Env. Eng.
0	BENZENE	LT	50	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	50	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	50	ug/l	Env. Eng.
0	IRON		39	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	TOLUENE	LT	50	ug/l	Env. Eng.
0	MAGNESIUM		127	ug/l	Env. Eng.
0	MANGANESE		5	ug/l	Env. Eng.
0	SODIUM		2390	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		840	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	100	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		245	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		2360	ug/l	M-Area,SRS
0	TOTAL PHOSPHATES		120	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		849	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		2420	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	50	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	100	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	50	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	100	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	50	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	50	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	100	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	50	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	10	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	100	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	50	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	50	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	100	ug/l	Env. Eng.
0	ZINC		42	ug/l	Env. Eng.
0	GROSS ALPHA		2.94+-1.03	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		3.00+-0.89	pCi/l	Rad. Meas.
0	TOTAL RADIUM		2.07+-0.84	pCi/l	Rad. Meas.

WELL MSB 12A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/08/89 Time 1725
Depth to water = 141.09 ft (42.99 m) below the TOC
Water elevation = 206.75 ft (63.02 m) msl
pH = 4.8 Alkalinity = 0 mg/L
Specific Conductance = 23 umhos/cm
Water Temperature = 18.4 degrees Celsius
Water evacuated from the well prior to sampling = 236 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		37.90	UMHC	Env. Eng.
0	PH		4.79	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		4	ug/l	Env. Eng.
0	BARIUM		4	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	50	ug/l	Env. Eng.
0	CALCIUM		499	ug/l	Env. Eng.
0	CALCIUM		502	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	50	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	50.0	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	100	ug/l	Env. Eng.
0	CHLOROFORM	LT	50	ug/l	Env. Eng.
0	CHLOROFORM	LT	10	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	50	ug/l	Env. Eng.
0	BROMOMETHANE	LT	100	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	100	ug/l	Env. Eng.
0	CHLORIDE		2100	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	50	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		4	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	100	ug/l	Env. Eng.
0	CHLOROETHANE	LT	100	ug/l	Env. Eng.
0	BENZENE	LT	50	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	50	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	50	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	TOLUENE	LT	50	ug/l	Env. Eng.
0	MAGNESIUM		263	ug/l	Env. Eng.
0	MAGNESIUM		261	ug/l	Env. Eng.
0	MANGANESE		3	ug/l	Env. Eng.
0	MANGANESE		3	ug/l	Env. Eng.
0	SODIUM		1440	ug/l	Env. Eng.

CONTINUED

WELL MSB 12A COLLECTED ON 03/08/89 LABORATORY ANALYSES CONTINUED

0	SODIUM		1380	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		279	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	100	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	50.0	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	10.0	ug/l	M-Area,SRS
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		513	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		705	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	50	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	10	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	50	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	10	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	50	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	50	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	10	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	50	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	10	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	100	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	50	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	50	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	100	ug/l	Env. Eng.
0	ZINC		75	ug/l	Env. Eng.
0	ZINC		72	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.03+-0.85	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.

WELL MSB 12B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/08/89 Time 1625
Depth to water = 131.52 ft (40.09 m) below the TOC
Water elevation = 216.88 ft (66.11 m) msl
pH = 4.6 Alkalinity = 0 mg/L
Specific Conductance = 116 umhos/cm
Water Temperature = 18.2 degrees Celsius
Water evacuated from the well prior to sampling = 166 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		132.0	UMHC	Env. Eng.
0	PH		4.54	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM		45	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		19	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		4870	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	100	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3900	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		9	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	IRON		21	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		1900	ug/l	Env. Eng.
0	MANGANESE		8	ug/l	Env. Eng.
1	SODIUM		11400	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		12300	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		2650	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		2200	ug/l	M-Area,SRS
0	TOTAL PHOSPHATES		24	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		28	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		11700	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		9120	ug/l	M-Area,SRS
1	TRANS-1,2-DICHLOROETHENE		52	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	100	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
1	1,1-DICHLOROETHYLENE		14	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	100	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
1	1,1,1-TRICHLOROETHANE		12	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	100	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.

CONTINUED

WELL MSB 12B COLLECTED ON 03/08/89 LABORATORY ANALYSES CONTINUED

0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		58	ug/l	Env. Eng.
1	GROSS ALPHA		7.09+-2.14	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		9.33+-1.64	pCi/l	Rad. Meas
1	TOTAL RADIUM		2.65+-0.82	pCi/l	Rad. Meas

WELL MSB 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/08/89 Time 1640
Depth to water = 125.48 ft (38.25 m) below the TOC
Water elevation = 222.42 ft (67.79 m) msl
pH = 5.1 Alkalinity = 1 mg/L
Specific Conductance = 145 umhos/cm
Water Temperature = 17.8 degrees Celsius
Water evacuated from the well prior to sampling = 116 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		155.0	UMHC	Env. Eng.
0	PH		5.02	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		31	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		5190	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	10	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		5800	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		5	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		2210	ug/l	Env. Eng.
0	MANGANESE		19	ug/l	Env. Eng
1	SODIUM		14700	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng
2	NITRATE AS NITROGEN		14800	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		600	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		977	ug/l	M-Area,SRS
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		1200	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		1630	ug/l	M-Area,SRS
1	TRANS-1,2-DICHLOROETHENE		21	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	10	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
1	1,1-DICHLOROETHYLENE		28	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	10	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
1	1,1,1-TRICHLOROETHANE		24	ug/l	Env. Eng.
2	1,1,1-TRICHLOROETHANE		271	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
1	ZINC		408	ug/l	Env. Eng.
1	GROSS ALPHA		5.34+-1.83	pCi/l	Rad. Meas
1	NONVOLATILE BETA		10.30+-1.37	pCi/l	Rad. Meas.
2	TOTAL RADIUM		6.44+-1.17	pCi/l	Rad. Meas.

WELL MSB 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/08/89 Time 1830
The well was dry.

WELL MSB 12TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/08/89 Time 1820
Depth to water = 160.91 ft (49.05 m) below the TOC
Water elevation = 187.59 ft (57.18 m) msl
pH = 6.1 Alkalinity = 12 mg/L
Specific Conductance = 37 umhos/cm
Water Temperature = 18.7 degrees Celsius
Water evacuated from the well prior to sampling = 783 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		75.20	UMHC	Env. Eng.
0	PH		6.11	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		6	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		5180	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2100	ug/l	Env. Eng.
0	CHLORIDE		2200	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		5	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	IRON		24	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		156	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		1300	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		65	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		23	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.09+-0.86	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.39+-0.76	pCi/l	Rad. Meas.

WELL MSB 12TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/08/89 Time 1850
Depth to water = 161.10 ft (49.10 m) below the TOC
Water elevation = 187.80 ft (57.24 m) msl
pH = 5.4 Alkalinity = 4 mg/L
Specific Conductance = 27 umhos/cm
Water Temperature = 17.2 degrees Celsius
Water evacuated from the well prior to sampling = 505 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		61.90	UMHC	Env. Eng.
0	PH		5.16	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		5	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		3590	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2400	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		5	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
1	IRON		186	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		250	ug/l	Env. Eng.
0	MANGANESE		13	ug/l	Env. Eng.
0	SODIUM		1540	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		87	ug/l	Env. Eng.
0	LEAD		9	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		50	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.

WELL MSB 13A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/31/89 Time 1830
Depth to water = 141.17 ft (43.03 m) below the TOC
Water elevation = 204.03 ft (62.19 m) msl
pH = 4.5 Alkalinity = 0 mg/L
Specific Conductance = 18 umhos/cm
Water Temperature = 18.4 degrees Celsius
Water evacuated from the well prior to sampling = 193 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		24.40	UMHC	Env. Eng.
0	PH		5.59	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ALUMINUM		24	ug/l	Env. Eng.
1	ALKALINITY		3000	ug/l	Env. Eng.
1	ALKALINITY		3000	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		4	ug/l	Env. Eng.
0	BARIUM		4	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		720	ug/l	Env. Eng.
0	CALCIUM		875	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.

CONTINUED

WELL MSB 13A COLLECTED ON 01/31/89 LABORATORY ANALYSES CONTINUED

0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
1	CADMIUM		3	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2300	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CARBON DISULFIDE	LT	5	ug/l	Env. Eng.
0	COPPER		5	ug/l	Env. Eng.
0	COPPER		5	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	POTASSIUM		506	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		309	ug/l	Env. Eng.
0	MAGNESIUM		308	ug/l	Env. Eng.
0	MANGANESE		2	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		1690	ug/l	Env. Eng.
0	SODIUM		1860	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		199	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		19700	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	TIN	LT	120	ug/l	Env. Eng.
0	TIN	LT	120	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL DISSOLVED SOLIDS		26000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		13	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		14	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		12.0	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		14.6	ug/l	M-Area,SRS
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		60	ug/l	Env. Eng.
0	ZINC		57	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.34+-0.32	pCi/l	Rad. Meas.

WELL MSB 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/31/89 Time 1802
Depth to water = 151.32 ft (46.12 m) below the TOC
Water elevation = 194.28 ft (59.22 m) msl
Water evacuated from the well prior to sampling = 6 gal
The well went dry during purging.

WELL MSB 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/07/89 Time 1640
Depth to water = 148.91 ft (45.39 m) below the TOC
Water elevation = 196.69 ft (59.95 m) msl
pH = 12.1 Alkalinity = 483 mg/L
Specific Conductance = 2140 umhos/cm
Water Temperature = 17.5 degrees Celsius
No water was evacuated from the well prior to sampling
The well went dry during purging.

LABORATORY ANALYSES

0	SILVER	LT	2	ug/l	Env. Eng.
1	ALUMINUM		239	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		342	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		57800	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	2	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
2	CHROMIUM		55	ug/l	Env. Eng.
1	COPPER		24	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	IRON		32	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
1	POTASSIUM		51200	ug/l	Env. Eng.
0	LINDANE	LT	0.05	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		21	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
1	SODIUM		35100	ug/l	Env. Eng.
0	NICKEL		5	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		15000	ug/l	Env. Eng.
2	LEAD		60	ug/l	Env. Eng.
1	PHENOLS		27	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	TIN	LT	120	ug/l	Env. Eng.
0	TIN	LT	120	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		44.9	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		50.4	ug/l	M-Area,SRS
0	TOTAL ORGANIC CARBON		2400	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		73	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		26.0	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		29.7	ug/l	M-Area,SRS
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	2	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	2	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
1	1,1,1-TRICHLOROETHANE		5	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		51	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		40.40+-13.6	pCi/l	Rad. Meas.
1	TOTAL RADIUM		4.34+-0.86	pCi/l	Rad. Meas.

WELL MSB 13C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/31/89 Time 1810
The well was dry.

WELL WSB 14A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/29/89 Time 1805
Depth to water = 132.96 ft (40.53 m) below the TOC
Water elevation = 215.34 ft (65.64 m) msl
pH = 4.4 Alkalinity = 0 mg/L
Specific Conductance = 145 umhos/cm
Water Temperature = 19.0 degrees Celsius
Water evacuated from the well prior to sampling = 184 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		141.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		141.0	UMHC	Env. Eng.
0	PH		4.45	pH	Env. Eng.
0	PH		4.45	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM		42	ug/l	Env. Eng.
0	ALUMINUM		40	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		61	ug/l	Env. Eng.
1	BARIUM		62	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		10000	ug/l	Env. Eng.
1	CALCIUM		10300	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	20	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3600	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		8	ug/l	Env. Eng.
0	COPPER		12	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	IRON		20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		4100	ug/l	Env. Eng.
0	MAGNESIUM		4180	ug/l	Env. Eng.
0	MANGANESE		18	ug/l	Env. Eng.
0	MANGANESE		18	ug/l	Env. Eng.
1	SODIUM		8220	ug/l	Env. Eng.
1	SODIUM		8270	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NICKEL		4	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		15100	ug/l	Env. Eng.
0	LEAD		6	ug/l	Env. Eng.
0	LEAD		9	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		513	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		647	ug/l	M-Area,SRS
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		652	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		800	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	20	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	20	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	20	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		40	ug/l	Env. Eng.
1	GROSS ALPHA		7.00+-1.78	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		6.93+-1.19	pCi/l	Rad. Meas.
1	TOTAL RADIUM		4.40+-1.06	pCi/l	Rad. Meas.

WELL WSB 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/29/89 Time 1825
Depth to water = 131.64 ft (40.12 m) below the TOC
Water elevation = 217.06 ft (66.16 m) msl
pH = 4.7 Alkalinity = 0 mg/L
Specific Conductance = 177 umhos/cm
Water Temperature = 19.0 degrees Celsius
Water evacuated from the well prior to sampling = 96 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		169.0	UMHC	Env. Eng.
0	PH		4.76	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM		29	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		53	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		7950	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	10	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3800	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
1	COPPER		40	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	IRON		24	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		3980	ug/l	Env. Eng.
0	MANGANESE		21	ug/l	Env. Eng.
1	SODIUM		18400	ug/l	Env. Eng.
0	NICKEL		5	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		19100	ug/l	Env. Eng.
0	LEAD		6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		138	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		103	ug/l	M-Area,SRS
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		113	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		90.0	ug/l	M-Area,SRS
1	TRANS-1,2-DICHLOROETHENE		11	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	10	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
1	1,1-DICHLOROETHYLENE		8	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	10	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
1	1,1,1-TRICHLOROETHANE		12	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	10	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		61	ug/l	Env. Eng.
0	GROSS ALPHA		3.22+-1.49	pCi/l	Rad. Meas.
1	GROSS ALPHA		6.58+-1.76	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		3.58+-1.06	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		5.34+-1.12	pCi/l	Rad. Meas.
1	TOTAL RADIUM		4.19+-1.01	pCi/l	Rad. Meas.
1	TOTAL RADIUM		3.71+-0.95	pCi/l	Rad. Meas.

WELL WSB 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/29/89 Time 1815
pH = 8.6 Alkalinity = 32 mg/L
Specific Conductance = 101 umhos/cm
Water Temperature = 21.1 degrees Celsius
Water evacuated from the well prior to sampling = 17 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		94.40	UMHC	Env. Eng.
2	PH		8.51	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM		60	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		10	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		15200	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.

CONTINUED

WELL MSB 14C COLLECTED ON 01/29/89 LABORATORY ANALYSES CONTINUED

0	CHLOROFORM	LT	5 ug/l	Env. Eng.
0	CHLOROFORM	LT	1 ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5 ug/l	Env. Eng.
0	BROMOMETHANE	LT	10 ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10 ug/l	Env. Eng.
0	CHLORIDE		2800 ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5 ug/l	Env. Eng.
0	CHROMIUM	LT	4 ug/l	Env. Eng.
0	COPPER		8 ug/l	Env. Eng.
0	CYANIDE	LT	5 ug/l	Env. Eng.
0	CHLOROETHENE	LT	10 ug/l	Env. Eng.
0	CHLOROETHANE	LT	10 ug/l	Env. Eng.
0	BENZENE	LT	5 ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5 ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5 ug/l	Env. Eng.
0	IRON	LT	20 ug/l	Env. Eng.
0	MERCURY	LT	0.20 ug/l	Env. Eng.
0	TOLUENE	LT	5 ug/l	Env. Eng.
0	MAGNESIUM		634 ug/l	Env. Eng.
0	MANGANESE	LT	2 ug/l	Env. Eng.
0	SODIUM		3490 ug/l	Env. Eng.
0	NICKEL	LT	4 ug/l	Env. Eng.
0	NITRATE AS NITROGEN		2590 ug/l	Env. Eng.
0	LEAD	LT	6 ug/l	Env. Eng.
0	PHENOLS	LT	5 ug/l	Env. Eng.
0	SELENIUM	LT	2 ug/l	Env. Eng.
0	SULFATE	LT	5000 ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10 ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		6.00 ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		4.77 ug/l	M-Area,SRS
0	TOTAL PHOSPHATES		100 ug/l	Env. Eng.
2	TRICHLOROETHYLENE		23.0 ug/l	Env. Eng.
2	TRICHLOROETHYLENE		22.5 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5 ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	1 ug/l	M-Area,SRS
0	URANIUM	LT	1000 ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5 ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	1 ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5 ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5 ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5 ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1 ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10 ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5 ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5 ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10 ug/l	Env. Eng.
0	ZINC		18 ug/l	Env. Eng.
1	GROSS ALPHA		5.90+-1.61 pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.84+-0.98 pCi/l	Rad. Meas.
2	TOTAL RADIUM		6.35+-1.48 pCi/l	Rad. Meas.

WELL MSB 15A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/07/89 Time 1505
Depth to water = 146.78 ft (44.74 m) below the TOC
Water elevation = 220.42 ft (67.18 m) msl
pH = 5.7 Alkalinity = 11 mg/L
Specific Conductance = 41 umhos/cm
Water Temperature = 18.5 degrees Celsius
Water evacuated from the well prior to sampling = 151 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		44.70 UMHC	Env. Eng.
0	PH		5.89 pH	Env. Eng.
0	SILVER	LT	2 ug/l	Env. Eng.
0	ALUMINUM	LT	20 ug/l	Env. Eng.
0	ARSENIC	LT	2 ug/l	Env. Eng.
0	ARSENIC	LT	2 ug/l	Env. Eng.
0	BARIUM		9 ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5 ug/l	Env. Eng.
0	CALCIUM		4950 ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5 ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00 ug/l	Env. Eng.
0	CADMIUM	LT	2 ug/l	Env. Eng.
0	BROMOFORM	LT	10 ug/l	Env. Eng.
0	CHLOROFORM	LT	5 ug/l	Env. Eng.
0	CHLOROFORM	LT	50 ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5 ug/l	Env. Eng.
0	BROMOMETHANE	LT	10 ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10 ug/l	Env. Eng.
0	CHLORIDE		2500 ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5 ug/l	Env. Eng.
0	CHROMIUM	LT	4 ug/l	Env. Eng.
0	COPPER		5 ug/l	Env. Eng.
0	CYANIDE	LT	5 ug/l	Env. Eng.
0	CHLOROETHENE	LT	10 ug/l	Env. Eng.
0	CHLOROETHANE	LT	10 ug/l	Env. Eng.
0	BENZENE	LT	5 ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5 ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5 ug/l	Env. Eng.
0	IRON		30 ug/l	Env. Eng.
0	MERCURY	LT	0.20 ug/l	Env. Eng.
0	TOLUENE	LT	5 ug/l	Env. Eng.
0	MAGNESIUM		357 ug/l	Env. Eng.
0	MANGANESE		2 ug/l	Env. Eng.
0	SODIUM		1770 ug/l	Env. Eng.
0	NICKEL	LT	4 ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1120 ug/l	Env. Eng.
0	LEAD	LT	6 ug/l	Env. Eng.
0	PHENOLS	LT	5 ug/l	Env. Eng.
0	SELENIUM	LT	2 ug/l	Env. Eng.
0	SELENIUM	LT	2 ug/l	Env. Eng.

CONTINUED

WELL MSB 15A COLLECTED ON 02/07/89 LABORATORY ANALYSES CONTINUED

0	SULFATE	LT	5000 ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10 ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		91.0 ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	50.0 ug/l	M-Area,SRS
0	TOTAL PHOSPHATES		44 ug/l	Env. Eng.
2	TRICHLOROETHYLENE		1049 ug/l	Env. Eng.
2	TRICHLOROETHYLENE		1470 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5 ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	50 ug/l	M-Area,SRS
0	URANIUM	LT	1000 ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5 ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	50 ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5 ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5 ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	50 ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5 ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1 ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10 ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5 ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5 ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10 ug/l	Env. Eng.
0	ZINC		19 ug/l	Env. Eng.
0	GROSS ALPHA	LT	3 pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.49+-0.83 pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.61+-0.38 pCi/l	Rad. Meas.

WELL MSB 15AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/29/89 Time 1350
Depth to water = 154.89 ft (47.21 m) below the TOC
Water elevation = 214.61 ft (65.41 m) msl
pH = 6.0 Alkalinity = 18 mg/L
Specific Conductance = 60 umhos/cm
Water Temperature = 20.6 degrees Celsius
Water evacuated from the well prior to sampling = 235 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1 ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00 ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		2.92 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	M-Area,SRS

WELL MSB 15D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/29/89 Time 1815
Depth to water = 136.61 ft (41.64 m) below the TOC
Water elevation = 232.19 ft (70.77 m) msl
pH = 5.8 Alkalinity = 22 mg/L
Specific Conductance = 70 umhos/cm
Water Temperature = 20.3 degrees Celsius
Water evacuated from the well prior to sampling = 6 gal
The well went dry during purging.

LABORATORY ANALYSES

0	CHLOROFORM	LT	200 ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		2420 ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		24400 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	200 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	200 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	200 ug/l	M-Area,SRS

WELL MSB 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/22/89 Time 1340
Depth to water = 146.26 ft (44.58 m) below the TOC
Water elevation = 220.44 ft (67.19 m) msl
pH = 5.2 Alkalinity = 3 mg/L
Specific Conductance = 28 umhos/cm
Water Temperature = 17.9 degrees Celsius
Water evacuated from the well prior to sampling = 154 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	100 ug/l	M-Area,SRS
0	CHLOROFORM	LT	100 ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	100 ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	100 ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		5620 ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		4480 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	100 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	100 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	100 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	100 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	100 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	100 ug/l	M-Area,SRS

WELL MSB 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/22/89 Time 1805
pH = 5.2 Alkalinity = 2 mg/L
Specific Conductance = 22 umhos/cm
Water Temperature = 17.3 degrees Celsius
Water evacuated from the well prior to sampling = 1 gal
The well went dry during purging.

LABORATORY ANALYSES

0	CHLOROFORM	LT	50	ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		478	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		1390	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	50	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	50	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	50	ug/l	M-Area,SRS

WELL MSB 17A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/29/89 Time 1715
Depth to water = 143.73 ft (43.81 m) below the TOC
Water elevation = 214.27 ft (65.31 m) msl
pH = 4.5 Alkalinity = 0 mg/L
Specific Conductance = 174 umhos/cm
Water Temperature = 18.9 degrees Celsius
Water evacuated from the well prior to sampling = 164 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		161.0	UMHC	Env. Eng.
0	PH		4.66	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM		47	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		33	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		8650	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	10	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		6000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		8	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	IRON		49	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		3300	ug/l	Env. Eng.
0	MANGANESE		9	ug/l	Env. Eng.
1	SODIUM		16500	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		18200	ug/l	Env. Eng.
0	LEAD		13	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		237	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		326	ug/l	M-Area,SRS
0	TOTAL PHOSPHATES		30	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		53.0	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		59.0	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	10	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	10	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
1	1,1,1-TRICHLOROETHANE		35	ug/l	Env. Eng.
1	1,1,1-TRICHLOROETHANE		17	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		41	ug/l	Env. Eng.
1	GROSS ALPHA		6.34+-1.76	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		8.78+-1.28	pCi/l	Rad. Meas.
1	TOTAL RADIUM		4.34+-1.04	pCi/l	Rad. Meas.

WELL MSB 17B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/29/89 Time 1705
Depth to water = 133.57 ft (40.71 m) below the TOC
Water elevation = 224.33 ft (68.38 m) msl
pH = 4.4 Alkalinity = 0 mg/L
Specific Conductance = 174 umhos/cm
Water Temperature = 18.8 degrees Celsius
Water evacuated from the well prior to sampling = 102 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		169.0	UMHC	Env. Eng.
0	PH		4.49	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
1	ALUMINUM		130	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		15	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		2870	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		4600	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		5	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	IRON		37	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		1300	ug/l	Env. Eng.
1	MANGANESE		26	ug/l	Env. Eng.
1	SODIUM		26500	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		17900	ug/l	Env. Eng.
0	LEAD		11	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		227	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		265	ug/l	M-Area,SRS
0	TOTAL PHOSPHATES		30	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		61.0	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		76.3	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
2	1,1,1-TRICHLOROETHANE		101	ug/l	Env. Eng.
1	1,1,1-TRICHLOROETHANE		89	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		25	ug/l	Env. Eng.
1	GROSS ALPHA		9.44+-2.16	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		8.22+-1.28	pCi/l	Rad. Meas.
2	TOTAL RADIUM		7.82+-1.43	pCi/l	Rad. Meas.

WELL MSB 17BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/26/89 Time 1635
Depth to water = 147.16 ft (44.85 m) below the TOC
Water elevation = 212.14 ft (64.66 m) msl
pH = 5.3 Alkalinity = 2 mg/L
Specific Conductance = 105 umhos/cm
Water Temperature = 20.4 degrees Celsius
Water evacuated from the well prior to sampling = 208 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	10	ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		144	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		649	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	10	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	10	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	10	ug/l	M-Area,SRS

WELL MSB 17C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/29/89 Time 1645
The well was dry.

WELL MSB 17D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/26/89 Time 1600
Depth to water = 132.61 ft (40.42 m) below the TOC
Water elevation = 227.59 ft (69.37 m) msl
pH = 5.2 Alkalinity = 3 mg/L
Specific Conductance = 35 umhos/cm
Water Temperature = 19.3 degrees Celsius
Water evacuated from the well prior to sampling = 47 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 18A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/12/89 Time 1145
Depth to water = 130.50 ft (39.78 m) below the TOC
Water elevation = 209.70 ft (63.92 m) msl
pH = 4.5 Alkalinity = 0 mg/L
Specific Conductance = 37 umhos/cm
Water Temperature = 18.9 degrees Celsius
Water evacuated from the well prior to sampling = 136 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		34.00	UMHC	Env. Lab.
0	SPECIFIC CONDUCTANCE		34.10	UMHC	W. A.
0	SPECIFIC CONDUCTANCE		36.10	UMHC	Env. Eng.
1	PH		3.50	pH	Env. Lab.
0	PH		4.80	pH	W. A.
0	PH		4.69	pH	Env. Eng.
0	SILVER	LT	10	ug/l	Env. Lab.
0	SILVER	LT	10	ug/l	W. A.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	400	ug/l	Env. Lab.
0	ALUMINUM	LT	200	ug/l	W. A.
0	ALUMINUM		23	ug/l	Env. Eng.
0	ARSENIC	LT	5	ug/l	Env. Lab.
0	ARSENIC	LT	10	ug/l	W. A.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	100	ug/l	Env. Lab.
0	BARIUM	LT	200	ug/l	W. A.
0	BARIUM		8	ug/l	Env. Eng.
0	BERYLLIUM	LT	5	ug/l	W. A.
0	BROMODICHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	BROMODICHLOROMETHANE	LT	5	ug/l	W. A.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		1200	ug/l	Env. Lab.
0	CALCIUM	LT	5000	ug/l	W. A.
0	CALCIUM		1080	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	1	ug/l	Env. Lab.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	W. A.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Lab.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	W. A.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	10	ug/l	Env. Lab.
0	CADMIUM	LT	5	ug/l	W. A.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	1	ug/l	Env. Lab.
0	BROMOFORM	LT	5	ug/l	W. A.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Lab.
0	CHLOROFORM	LT	5	ug/l	W. A.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	2	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	1	ug/l	Env. Lab.
0	METHYLENE CHLORIDE	LT	5	ug/l	W. A.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	1	ug/l	Env. Lab.
0	BROMOMETHANE	LT	10	ug/l	W. A.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	CHLOROMETHANE	LT	10	ug/l	W. A.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2600	ug/l	Env. Lab.
0	CHLORIDE	LT	5000	ug/l	W. A.
0	CHLORIDE		2700	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	CHLOROBENZENE	LT	5	ug/l	W. A.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	50	ug/l	W. A.
0	CHROMIUM	LT	50	ug/l	Env. Lab.
1	CHROMIUM		18	ug/l	W. A.
0	CHROMIUM	LT	4	ug/l	Env. Eng.

CONTINUED

WELL MSB 18A COLLECTED ON 03/12/89 LABORATORY ANALYSES CONTINUED

0	COPPER	LT	20	ug/l	Env. Lab.
0	COPPER	LT	25	ug/l	W. A.
0	COPPER	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	20	ug/l	Env. Lab.
0	CYANIDE	LT	10	ug/l	W. A.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	1	ug/l	Env. Lab.
0	CHLOROETHENE	LT	10	ug/l	W. A.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	1	ug/l	Env. Lab.
0	CHLOROETHANE	LT	10	ug/l	W. A.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	1	ug/l	Env. Lab.
0	BENZENE	LT	5	ug/l	W. A.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	W. A.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	ETHYLBENZENE		1	ug/l	Env. Lab.
0	ETHYLBENZENE	LT	5	ug/l	W. A.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	IRON		70	ug/l	Env. Lab.
0	IRON	LT	100	ug/l	W. A.
0	IRON		35	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Lab.
0	MERCURY	LT	0.20	ug/l	W. A.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	5000	ug/l	W. A.
0	LITHIUM	LT	50	ug/l	W. A.
0	TOLUENE	LT	1	ug/l	Env. Lab.
0	TOLUENE	LT	5	ug/l	W. A.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		680	ug/l	Env. Lab.
0	MAGNESIUM	LT	5000	ug/l	W. A.
0	MAGNESIUM		574	ug/l	Env. Eng.
1	MANGANESE		30	ug/l	Env. Lab.
0	MANGANESE	LT	15	ug/l	W. A.
0	MANGANESE		9	ug/l	Env. Eng.
0	SODIUM		2500	ug/l	Env. Lab.
0	SODIUM	LT	5000	ug/l	W. A.
0	SODIUM		2010	ug/l	Env. Eng.
0	NICKEL	LT	50	ug/l	Env. Lab.
0	NICKEL	LT	40	ug/l	W. A.
0	NICKEL	LT	4	ug/l	Env. Eng.
1	NITRATE AS NITROGEN		3600	ug/l	Env. Lab.
0	NITRATE AS NITROGEN		2600	ug/l	W. A.
0	NITRATE AS NITROGEN		2070	ug/l	Env. Eng.
0	LEAD	LT	100	ug/l	Env. Lab.
0	LEAD		6	ug/l	W. A.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Lab.
0	PHENOLS	LT	5	ug/l	W. A.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	60	ug/l	W. A.
0	SELENIUM	LT	10	ug/l	Env. Lab.
0	SELENIUM	LT	5	ug/l	W. A.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		16600	ug/l	W. A.
0	TIN	LT	100	ug/l	W. A.
0	SULFATE		8000	ug/l	Env. Lab.
0	SULFATE	LT	5000	ug/l	W. A.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,2,2-TETRACHLOROETHANE	LT	5	ug/l	W. A.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		8.50	ug/l	Env. Lab.
2	TETRACHLOROETHYLENE		7.00	ug/l	W. A.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		5.69	ug/l	M-Area,SRS
0	THALLIUM	LT	10	ug/l	W. A.
0	TOTAL PHOSPHATES	LT	10	ug/l	Env. Lab.
0	TOTAL PHOSPHATES	LT	50	ug/l	W. A.
0	TOTAL PHOSPHATES		31	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		15.0	ug/l	Env. Lab.
2	TRICHLOROETHYLENE		13.0	ug/l	W. A.
2	TRICHLOROETHYLENE		15.0	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		9.93	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	Env. Lab.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	W. A.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	2	ug/l	M-Area,SRS
0	URANIUM	LT	1.00	ug/l	Env. Lab.
0	URANIUM	LT	1000	ug/l	W. A.
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	VANADIUM	LT	50	ug/l	W. A.
1	XYLENES		4	ug/l	Env. Lab.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	W. A.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	2	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHANE	LT	5	ug/l	W. A.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	W. A.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	2	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	W. A.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROETHANE	LT	5	ug/l	W. A.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROPROPANE	LT	5	ug/l	W. A.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	1,3-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	CIS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab.

CONTINUED

WELL MSB 18A COLLECTED ON 03/12/89 LABORATORY ANALYSES CONTINUED

0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	W. A.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	W. A.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	1,4-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	2-CHLOROETHYLVINYL ETHER	LT	1	ug/l	Env. Lab.
0	2-CHLOROETHYLVINYL ETHER	LT	5	ug/l	W. A.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC	LT	10	ug/l	Env. Lab.
0	ZINC	LT	20	ug/l	W. A.
0	ZINC		13	ug/l	Env. Eng.
0	GROSS ALPHA	LT	1	pCi/l	Env. Lab.
0	GROSS ALPHA		0.00+-5.00	pCi/l	W. A.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Env. Lab.
0	NONVOLATILE BETA		4.00+-2.00	pCi/l	W. A.
0	NONVOLATILE BETA		1.40+-0.81	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	0.57	pCi/l	Env. Lab.
0	TOTAL RADIUM		0.00+-0.20	pCi/l	W. A.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.

WELL MSB 18A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/12/89 Time 1145
Depth to water = 130.50 ft (39.78 m) below the TOC
Water elevation = 209.70 ft (63.92 m) msl
pH = 4.5 Alkalinity = 0 mg/L
Specific Conductance = 37 umhos/cm
Water Temperature = 18.9 degrees Celsius
Water evacuated from the well prior to sampling = 136 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		35.40	UMHC	Env. Eng.
0	PH		4.81	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM		25	ug/l	Env. Eng.
0	ALUMINUM		25	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		9	ug/l	Env. Eng.
0	BARIUM		9	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		1210	ug/l	Env. Eng.
0	CALCIUM		1140	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2700	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	IRON		42	ug/l	Env. Eng.
0	IRON		40	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		587	ug/l	Env. Eng.
0	MAGNESIUM		597	ug/l	Env. Eng.
0	MANGANESE		10	ug/l	Env. Eng.
0	MANGANESE		10	ug/l	Env. Eng.
0	SODIUM		2240	ug/l	Env. Eng.
0	SODIUM		2220	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		2170	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		8.00	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		3.66	ug/l	M-Area,SRS
0	TOTAL PHOSPHATES		31	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		32	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		15.0	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		5.80	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.

CONTINUED

WELL MSB 18A COLLECTED ON 03/12/89 LABORATORY ANALYSES CONTINUED

0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		11	ug/l	Env. Eng.
0	ZINC		11	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.39+-0.88	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.

WELL MSB 18B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/29/89 Time 1530
Depth to water = 122.79 ft (37.43 m) below the TOC
Water elevation = 217.51 ft (66.30 m) msl
pH = 4.8 Alkalinity = 2 mg/L
Specific Conductance = 109 umhos/cm
Water Temperature = 19.0 degrees Celsius
Water evacuated from the well prior to sampling = 66 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		108.0	UMHC	Env. Eng.
0	PH		5.19	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM		72	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		16	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		4590	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		5800	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		5	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	IRON		126	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		747	ug/l	Env. Eng.
0	MANGANESE		18	ug/l	Env. Eng.
1	SODIUM		14700	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
1	NITRATE AS NITROGEN		9020	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		8.00	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		9.89	ug/l	M-Area,SRS
0	TOTAL PHOSPHATES		50	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		3.39	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
1	1,1-DICHLOROETHYLENE		3	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
1	1,1,1-TRICHLOROETHANE		4	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		108	ug/l	Env. Eng.
0	GROSS ALPHA		4.29+-1.55	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		5.51+-1.13	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.99+-0.53	pCi/l	Rad. Meas.

WELL MSB 18C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/29/89 Time 1620
Depth to water = 116.90 ft (35.63 m) below the TOC
Water elevation = 223.70 ft (68.18 m) msl
pH = 4.5 Alkalinity = 0 mg/L
Specific Conductance = 33 umhos/cm
Water Temperature = 20.0 degrees Celsius
Water evacuated from the well prior to sampling = 43 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		30.80	UMHC	Env. Eng.
0	PH		4.73	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM		51	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		8	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		546	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3500	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		397	ug/l	Env. Eng.
0	MANGANESE		8	ug/l	Env. Eng.
0	SODIUM		2830	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1420	ug/l	Env. Eng.
0	LEAD		10	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		2.83	ug/l	M-Area,SRS
0	TOTAL PHOSPHATES		30	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
1	TRICHLOROETHYLENE		1.14	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		67	ug/l	Env. Eng.
0	GROSS ALPHA		1.78+-0.85	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		0.93+-0.84	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.81+-0.46	pCi/l	Rad. Meas.

WELL MSB 19A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/08/89 Time 1525
Depth to water = 87.65 ft (26.72 m) below the TOC
Water elevation = 211.85 ft (64.57 m) msl
pH = 5.0 Alkalinity = 1 mg/L
Specific Conductance = 32 umhos/cm
Water Temperature = 17.1 degrees Celsius
Water evacuated from the well prior to sampling = 253 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		52.40	UMHC	Env. Eng.
0	PH		5.06	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		5	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		1140	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	10	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.

CONTINUED

WELL MSB 19A COLLECTED ON 03/08/89 LABORATORY ANALYSES CONTINUED

0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		1800	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	IRON		22	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		379	ug/l	Env. Eng.
0	MANGANESE		4	ug/l	Env. Eng.
0	SODIUM		1760	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		12.0	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		31.0	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		32.8	ug/l	M-Area,SRS
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		203	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		225	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	10	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	10	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	10	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		60	ug/l	Env. Eng.
0	GROSS ALPHA		1.90+-0.89	pCi/l	Rad. Meas
0	NONVOLATILE BETA		1.65+-0.88	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas

WELL MSB 19B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/08/89 Time 1535
Depth to water = 84.86 ft (25.87 m) below the TOC
Water elevation = 215.04 ft (65.54 m) msl
pH = 5.1 Alkalinity = 1 mg/L
Specific Conductance = 19 umhos/cm
Water Temperature = 16.9 degrees Celsius
Water evacuated from the well prior to sampling = 209 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		70.70	UMHC	Env. Eng.
0	PH		5.69	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		5	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		840	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		1800	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		6	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	IRON		24	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.

CONTINUED

WELL MSB 19B COLLECTED ON 03/08/89 LABORATORY ANALYSES CONTINUED

0	TOLUENE	LT	5	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		280	ug/l	Env. Eng.
0	MANGANESE		3	ug/l	Env. Eng.
0	SODIUM		1430	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		866	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		2.32	ug/l	M-Area,SRS
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		8.00	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		13.0	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		12.8	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		41	ug/l	Env. Eng.
0	GROSS ALPHA		0.98+-0.76	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.21+-0.85	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.

WELL MSB 19C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/08/89 Time 1455
Depth to water = 64.12 ft (19.54 m) below the TOC
Water elevation = 236.08 ft (71.96 m) msl
pH = 5.4 Alkalinity = 13 mg/L
Specific Conductance = 350 umhos/cm
Water Temperature = 17.8 degrees Celsius
Water evacuated from the well prior to sampling = 99 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		383.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		372.0	UMHC	Env. Eng.
0	PH		5.27	pH	Env. Eng.
0	PH		5.39	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		15	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		21000	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	20	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		5000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		11	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
1	IRON		166	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
1	MAGNESIUM		10800	ug/l	Env. Eng.
0	MANGANESE		11	ug/l	Env. Eng.
1	SODIUM		21100	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
1	NITRATE AS NITROGEN		3210	ug/l	Env. Eng.
1	NITRATE AS NITROGEN		3200	ug/l	Env. Eng.
0	LEAD		8	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
1	SELENIUM		5	ug/l	Env. Eng.
2	SULFATE		130000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.

CONTINUED

WELL MSB 19C COLLECTED ON 03/08/89 LABORATORY ANALYSES CONTINUED

2	TETRACHLOROETHYLENE		63.0	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		79.2	ug/l	M-Area,SRS
0	TOTAL PHOSPHATES		38	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		184	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		220	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	20	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	20	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	20	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
1	ZINC		1020	ug/l	Env. Eng.
1	GROSS ALPHA		9.58+-3.23	pCi/l	Rad. Meas.
1	GROSS ALPHA		7.69+-3.12	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		6.82+-1.60	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		7.75+-1.65	pCi/l	Rad. Meas.
1	TOTAL RADIUM		3.76+-0.92	pCi/l	Rad. Meas.
2	TOTAL RADIUM		5.20+-0.95	pCi/l	Rad. Meas.

WELL MSB 20A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/07/89 Time 1550
Depth to water = 137.44 ft (41.89 m) below the TOC
Water elevation = 216.56 ft (66.01 m) msl
pH = 4.9 Alkalinity = 1 mg/L
Specific Conductance = 27 umhos/cm
Water Temperature = 18.6 degrees Celsius
Water evacuated from the well prior to sampling = 157 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		25.80	UMHC	Env. Eng.
0	PH		5.33	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		5	ug/l	Env. Eng.
0	BARIUM		5	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng
0	CALCIUM		1350	ug/l	Env. Eng.
0	CALCIUM		1250	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	20	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		1800	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	IRON		36	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng
0	MAGNESIUM		323	ug/l	Env. Eng.
0	MAGNESIUM		332	ug/l	Env. Eng
0	MANGANESE		3	ug/l	Env. Eng
0	MANGANESE		3	ug/l	Env. Eng
0	SODIUM		1270	ug/l	Env. Eng
0	SODIUM		1270	ug/l	Env. Eng.
0	NICKEL		8	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng
0	NITRATE AS NITROGEN		1190	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	20.0	ug/l	M-Area,SRS
0	TOTAL PHOSPHATES		30	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		864	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		1460	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	20	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng
0	URANIUM	LT	1000	ug/l	Env. Eng
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng
0	1,1-DICHLOROETHYLENE	LT	20	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,1,1-TRICHLOROETHANE	LT	20	ug/l	M-Area,SRS

CONTINUED

WELL MSB 20A COLLECTED ON 02/07/89 LABORATORY ANALYSES CONTINUED

0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,3-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		53	ug/l	Env. Eng.
0	ZINC		61	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.52+-0.47	pCi/l	Rad. Meas.

WELL MSB 20C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/07/89 Time 1800
Depth to water = 127.38 ft (38.83 m) below the TOC
Water elevation = 225.92 ft (68.86 m) msl
pH = 10.7 Alkalinity = 78 mg/L
Specific Conductance = 224 umhos/cm
Water Temperature = 17.8 degrees Celsius
Water evacuated from the well prior to sampling = 14 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		224.0	UMHC	Env. Eng.
2	PH		10.5	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
2	ALUMINUM		491	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		8	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		35700	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2400	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		13	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	IRON		25	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		76	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
0	SODIUM		2730	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		2120	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE		5100	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL PHOSPHATES		71	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		67	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		5.00	ug/l	Env. Eng.
1	TRICHLOROETHYLENE		1.13	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		9	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.99+-1.19	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.87+-0.55	pCi/l	Rad. Meas.

WELL MSB 21A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/07/89 Time 1835
Depth to water = 134.29 ft (40.93 m) below the TOC
Water elevation = 219.11 ft (66.79 m) msl
pH = 4.8 Alkalinity = 1 mg/L
Specific Conductance = 21 umhos/cm
Water Temperature = 16.3 degrees Celsius
Water evacuated from the well prior to sampling = 172 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		22.40	UMHC	Env. Eng.
0	PH		5.13	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM		21	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		4	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		1130	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	IRON		21	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		304	ug/l	Env. Eng.
0	MANGANESE		4	ug/l	Env. Eng.
0	SODIUM		1580	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		887	ug/l	Env. Eng.
0	LEAD		13	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		6.00	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		3.82	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
1	TRANS-1,2-DICHLOROETHENE		1	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		67	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.48+-0.82	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.

WELL MSB 21B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/31/89 Time 1235
Depth to water = 134.24 ft (40.92 m) below the TOC
Water elevation = 221.06 ft (67.38 m) msl
pH = 6.3 Alkalinity = 13 mg/L
Specific Conductance = 45 umhos/cm
Water Temperature = 19.2 degrees Celsius
Water evacuated from the well prior to sampling = 359 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		12.8	ug/l	M-Area,SRS
1	TRANS-1,2-DICHLOROETHENE		1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 21C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/07/89 Time 1855
Depth to water = 125.35 ft (38.21 m) below the TOC
Water elevation = 228.05 ft (69.51 m) msl
pH = 4.7 Alkalinity = 0 mg/L
Specific Conductance = 20 umhos/cm
Water Temperature = 18.0 degrees Celsius
Water evacuated from the well prior to sampling = 42 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		24.50 UMHC		Env. Eng.
0	PH		5.17 pH		Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM		26	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		7	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		992	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2400	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		7	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	IRON		41	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		369	ug/l	Env. Eng.
0	MANGANESE		8	ug/l	Env. Eng.
0	SODIUM		1550	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		803	ug/l	Env. Eng.
0	LEAD		11	ug/l	Env. Eng.
0	PHENOLS	LT	50	ug/l	Env. Eng.
0	PHENOLS	LT	50	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL PHOSPHATES		22	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		23	ug/l	Env. Eng.
0	GROSS ALPHA		2.26+-1.01	pCi/l	Rad. Meas.
0	GROSS ALPHA		1.83+-1.02	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.22+-0.87	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.63+-0.90	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.25+-0.58	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.84+-0.71	pCi/l	Rad. Meas.

WELL MSB 21TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/07/89 Time 1745
Depth to water = 163.54 ft (49.85 m) below the TOC
Water elevation = 191.16 ft (58.27 m) msl
pH = 5.5 Alkalinity = 14 mg/L
Specific Conductance = 60 umhos/cm
Water Temperature = 18.7 degrees Celsius
Water evacuated from the well prior to sampling = 448 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		60.20 UMHC		Env. Eng.
0	PH		5.77 pH		Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM		38	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		13	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		7240	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.

CONTINUED

WELL MSB 21TA COLLECTED ON 02/07/89 LABORATORY ANALYSES CONTINUED

0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2300	ug/l	Env. Eng.
0	CHLORIDE		2100	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		7	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	IRON		62	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		490	ug/l	Env. Eng.
0	MANGANESE		18	ug/l	Env. Eng.
0	SODIUM		2010	ug/l	Env. Eng.
0	NICKEL		8	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	LEAD		6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SULFATE		10300	ug/l	Env. Eng.
1	SULFATE		10000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		14	ug/l	Env. Eng.
0	GROSS ALPHA		4.60+-1.47	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		6.25+-1.10	pCi/l	Rad. Meas.
0	TOTAL RADIUM		2.35+-0.76	pCi/l	Rad. Meas.

WELL MSB 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/25/89 Time 1430
pH = 7.2 Alkalinity = 10 mg/L
Specific Conductance = 184 umhos/cm
Water Temperature = 20.2 degrees Celsius
Water evacuated from the well prior to sampling = 9 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		167.0 UMHC		Env. Eng.
1	PH		7.02 pH		Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
1	ALKALINITY		44000	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		28	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.

CONTINUED

WELL MSB 22 COLLECTED ON 03/25/89 LABORATORY ANALYSES CONTINUED

1	CALCIUM		25600	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	2000	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3300	ug/l	Env. Eng.
1	CHLOROBENZENE		8	ug/l	Env. Eng.
0	COBALT	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		14	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ENDRIN	LT	0.10	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		240	ug/l	Env. Eng.
0	IRON		79	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		536	ug/l	Env. Eng.
0	LINDANE	LT	0.50	ug/l	Env. Eng.
0	TOLUENE	LT	9	ug/l	Env. Eng.
0	METHOXYCHLOR	LT	0.50	ug/l	Env. Eng.
0	MAGNESIUM		560	ug/l	Env. Eng.
1	MANGANESE		29	ug/l	Env. Eng.
0	SODIUM		4030	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
1	NITRATE AS NITROGEN		7640	ug/l	Env. Eng.
0	LEAD		12	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	3	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		11800	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	SILVEX	LT	0.09	ug/l	Env. Eng.
0	TIN	LT	120	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		73000	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		122000	ug/l	M-Area,SRS
0	TOTAL DISSOLVED SOLIDS		116000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		2800	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		68200	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		24000	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		34000	ug/l	M-Area,SRS
0	TOXAPHENE	LT	1	ug/l	Env. Eng.
1	TRANS-1,2-DICHLOROETHENE		133	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	2000	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	2000	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	2000	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	ug/l	Env. Eng.
0	ZINC		81	ug/l	Env. Eng.
1	GROSS ALPHA		6.85+-2.15	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		4.13+-0.98	pCi/l	Rad. Meas.
2	TOTAL RADIUM		7.48+-1.14	pCi/l	Rad. Meas.

WELL MSB 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/27/89 Time 1415
The well was dry.

WELL MSB 23B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/27/89 Time 1435
Depth to water = 145.80 ft (44.44 m) below the TOC
Water elevation = 225.80 ft (68.82 m) msl
pH = 4.9 Alkalinity = 4 mg/L
Specific Conductance = 29 umhos/cm
Water Temperature = 19.8 degrees Celsius
Water evacuated from the well prior to sampling = 148 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	50	ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		79.1	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		1610	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	50	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	50	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	50	ug/l	M-Area,SRS

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/27/89 Time 1400
Depth to water = 173.86 ft (52.99 m) below the TOC
Water elevation = 199.04 ft (60.67 m) msl
pH = 4.2 Alkalinity = 0 mg/L
Specific Conductance = 32 umhos/cm
Water Temperature = 20.0 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
1	TRICHLOROETHYLENE		2.11	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/27/89 Time 1425
Depth to water = 173.86 ft (52.99 m) below the TOC
Water elevation = 199.04 ft (60.67 m) msl
pH = 5.2 Alkalinity = 0 mg/L
Specific Conductance = 38 umhos/cm
Water Temperature = 19.8 degrees Celsius
Water evacuated from the well prior to sampling = 90 gal

LABORATORY ANALYSES

THESE ANALYSES ARE FROM UNFILTERED SAMPLES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		9.42	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/27/89 Time 1455
Depth to water = 173.86 ft (52.99 m) below the TOC
Water elevation = 199.04 ft (60.67 m) msl
pH = 4.5 Alkalinity = 0 mg/L
Specific Conductance = 27 umhos/cm
Water Temperature = 19.8 degrees Celsius
Water evacuated from the well prior to sampling = 180 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		4.92	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/27/89 Time 1525
Depth to water = 173.86 ft (52.99 m) below the TOC
Water elevation = 199.04 ft (60.67 m) msl
pH = 4.3 Alkalinity = 0 mg/L
Specific Conductance = 26 umhos/cm
Water Temperature = 19.7 degrees Celsius
Water evacuated from the well prior to sampling = 270 gal

LABORATORY ANALYSES

THESE ANALYSES ARE FROM UNFILTERED SAMPLES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		2.58	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/27/89 Time 1550
Depth to water = 173.86 ft (52.99 m) below the TOC
Water elevation = 190.04 ft (60.07 m) msl
pH = 4.2 Alkalinity = 0 mg/L
Specific Conductance = 26 umhos/cm
Water Temperature = 19.6 degrees Celsius
Water evacuated from the well prior to sampling = 360 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
1	TRICHLOROETHYLENE		1.47	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/24/89 Time 1355
Depth to water = 177.10 ft (53.98 m) below the TOC
Water elevation = 195.80 ft (59.68 m) msl
pH = 4.4 Alkalinity = 0 mg/L
Specific Conductance = 26 umhos/cm
Water Temperature = 17.6 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
1	TRICHLOROETHYLENE		1.93	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/24/89 Time 1420
Depth to water = 177.10 ft (53.98 m) below the TOC
Water elevation = 195.80 ft (59.68 m) msl
pH = 5.2 Alkalinity = 6 mg/L
Specific Conductance = 34 umhos/cm
Water Temperature = 17.9 degrees Celsius
Water evacuated from the well prior to sampling = 88 gal

LABORATORY ANALYSES

THESE ANALYSES ARE FROM UNFILTERED SAMPLES

0	CHLOROFORM	LT	5	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		38.0	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	M-Area,SRS

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/24/89 Time 1445
Depth to water = 177.10 ft (53.98 m) below the TOC
Water elevation = 195.80 ft (59.68 m) msl
pH = 4.5 Alkalinity = 0 mg/L
Specific Conductance = 26 umhos/cm
Water Temperature = 18.1 degrees Celsius
Water evacuated from the well prior to sampling = 176 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		6.42	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/24/89 Time 1515
Depth to water = 177.10 ft (53.98 m) below the TOC
Water elevation = 195.80 ft (59.68 m) msl
pH = 4.4 Alkalinity = 0 mg/L
Specific Conductance = 25 umhos/cm
Water Temperature = 18.2 degrees Celsius
Water evacuated from the well prior to sampling = 264 gal

LABORATORY ANALYSES

THESE ANALYSES ARE FROM UNFILTERED SAMPLES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/24/89 Time 1545
Depth to water = 177.10 ft (53.98 m) below the TOC
Water elevation = 195.80 ft (59.68 m) msl
pH = 4.4 Alkalinity = 0 mg/L
Specific Conductance = 24 umhos/cm
Water Temperature = 18.2 degrees Celsius
Water evacuated from the well prior to sampling = 352 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
1	TRICHLOROETHYLENE		1.03	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/20/89 Time 1240
Depth to water = 178.88 ft (54.52 m) below the TOC
Water elevation = 194.02 ft (59.14 m) msl
pH = 4.7 Alkalinity = 0 mg/L
Specific Conductance = 27 umhos/cm
Water Temperature = 18.7 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		4.33	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/20/89 Time 1305
Depth to water = 178.88 ft (54.52 m) below the TOC
Water elevation = 194.02 ft (59.14 m) msl
pH = 5.3 Alkalinity = 5 mg/L
Specific Conductance = 32 umhos/cm
Water Temperature = 19.0 degrees Celsius
Water evacuated from the well prior to sampling = 87 gal

LABORATORY ANALYSES

THESE ANALYSES ARE FROM UNFILTERED SAMPLES

0	CHLOROFORM	LT	5	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		28.6	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	M-Area,SRS

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/20/89 Time 1330
Depth to water = 178.88 ft (54.52 m) below the TOC
Water elevation = 194.02 ft (59.14 m) msl
pH = 4.7 Alkalinity = 0 mg/L
Specific Conductance = 26 umhos/cm
Water Temperature = 19.1 degrees Celsius
Water evacuated from the well prior to sampling = 174 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
1	TRICHLOROETHYLENE		1.34	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/20/89 Time 1400
Depth to water = 178.88 ft (54.52 m) below the TOC
Water elevation = 194.02 ft (59.14 m) msl
pH = 4.7 Alkalinity = 0 mg/L
Specific Conductance = 24 umhos/cm
Water Temperature = 19.4 degrees Celsius
Water evacuated from the well prior to sampling = 261 gal

LABORATORY ANALYSES

THESE ANALYSES ARE FROM UNFILTERED SAMPLES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		6.31	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/20/89 Time 1430
Depth to water = 178.88 ft (54.52 m) below the TOC
Water elevation = 194.02 ft (59.14 m) msl
pH = [illegible] Alkalinity = 0 mg/L
Specific Conductance = 24 umhos/cm
Water Temperature = 19.4 degrees Celsius
Water evacuated from the well prior to sampling = 348 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/06/89 Time 1115
Depth to water = 144.62 ft (44.08 m) below the TOC
Water elevation = 235.58 ft (71.81 m) msl
pH = 10.8 Alkalinity = 58 mg/L
Specific Conductance = 147 umhos/cm
Water Temperature = 19.2 degrees Celsius
Water evacuated from the well prior to sampling = 6 gal
The well went dry during purging.

LABORATORY ANALYSES

0	CHLOROFORM	LT	100	ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		1060	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		17200	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	100	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	100	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	100	ug/l	M-Area,SRS

WELL MSB 24A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/05/89 Time 1705
Depth to water = 155.44 ft (47.38 m) below the TOC
Water elevation = 226.16 ft (68.93 m) msl
pH = 4.4 Alkalinity = 0 mg/L
Specific Conductance = 38 umhos/cm
Water Temperature = 18.9 degrees Celsius
Water evacuated from the well prior to sampling = 149 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	250	ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		8250	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		38200	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	250	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	250	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	250	ug/l	M-Area,SRS

WELL MSB 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/05/89 Time 1600
The well was dry.

WELL MSB 25A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/05/89 Time 1625
Depth to water = 147.27 ft (44.89 m) below the TOC
Water elevation = 219.13 ft (66.79 m) msl
pH = 4.5 Alkalinity = 0 mg/L
Specific Conductance = 27 umhos/cm
Water Temperature = 18.7 degrees Celsius
Water evacuated from the well prior to sampling = 155 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	50	ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		240	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		1400	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	50	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	50	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	50	ug/l	M-Area,SRS

WELL MSB 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/06/89 Time 1005
pH = 5.1 Alkalinity = 1 mg/L
Specific Conductance = 17 umhos/cm
Water Temperature = 18.1 degrees Celsius
Water evacuated from the well prior to sampling = 34 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	2	ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		23.6	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		267	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	2	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	2	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	2	ug/l	M-Area,SRS

WELL MSB 26A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/06/89 Time 955
Depth to water = 136.00 ft (41.45 m) below the TOC
Water elevation = 224.90 ft (68.55 m) msl
pH = 5.0 Alkalinity = 0 mg/L
Specific Conductance = 20 umhos/cm
Water Temperature = 18.5 degrees Celsius
Water evacuated from the well prior to sampling = 145 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	5	ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		24.3	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		597	ug/l	M-Area,SRS
1	TRANS-1,2-DICHLOROETHENE		19	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	M-Area,SRS

WELL MSB 26B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/30/89 Time 1830
Depth to water = 143.99 ft (43.89 m) below the TOC
Water elevation = 219.21 ft (66.82 m) msl
pH = 6.1 Alkalinity = 19 mg/L
Specific Conductance = 62 umhos/cm
Water Temperature = 19.1 degrees Celsius
Water evacuated from the well prior to sampling = 226 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	10	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	10.0	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		184	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	10	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	10	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	10	ug/l	M-Area,SRS

WELL MSB 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/05/89 Time 1445
Depth to water = 136.37 ft (41.57 m) below the TOC
Water elevation = 239.13 ft (72.89 m) msl
pH = 4.5 Alkalinity = 0 mg/L
Specific Conductance = 40 umhos/cm
Water Temperature = 18.4 degrees Celsius
Water evacuated from the well prior to sampling = 13 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		4.19	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 27A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/05/89 Time 1435
pH = 4.6 Alkalinity = 0 mg/L
Specific Conductance = 34 umhos/cm
Water Temperature = 18.7 degrees Celsius
Water evacuated from the well prior to sampling = 96 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1000	ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		24100	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		32200	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1000	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1000	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1000	ug/l	M-Area,SRS

WELL MSB 27B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/05/89 Time 1350
Physical or mechanical failure prevented sample collection.

WELL MSB 27B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/20/89 Time 1335
Depth to water = 150.39 ft (45.84 m) below the TOC
Water elevation = 226.41 ft (69.01 m) msl
pH = 4.9 Alkalinity = 2 mg/L
Specific Conductance = 32 umhos/cm
Water Temperature = 18.3 degrees Celsius
Water evacuated from the well prior to sampling = 161 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	2	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	2.00	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		89.3	ug/l	M-Area,SRS
1	TRANS-1,2-DICHLOROETHENE		8	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	2	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	2	ug/l	M-Area,SRS

WELL MSB 27TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/05/89 Time 1500
Depth to water = 177.65 ft (54.15 m) below the TOC
Water elevation = 198.95 ft (60.64 m) msl
pH = 4.5 Alkalinity = 0 mg/L
Specific Conductance = 22 umhos/cm
Water Temperature = 18.3 degrees Celsius
Water evacuated from the well prior to sampling = 386 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		5.35	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/06/89 Time 1030
Depth to water = 122.59 ft (37.37 m) below the TOC
Water elevation = 231.81 ft (70.66 m) msl
pH = 6.8 Alkalinity = 28 mg/L
Specific Conductance = 58 umhos/cm
Water Temperature = 17.1 degrees Celsius
Water evacuated from the well prior to sampling = 55 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 28A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/06/89 Time 1050
Depth to water = 129.81 ft (39.57 m) below the TOC
Water elevation = 224.39 ft (68.39 m) msl
pH = 4.9 Alkalinity = 0 mg/L
Specific Conductance = 20 umhos/cm
Water Temperature = 17.9 degrees Celsius
Water evacuated from the well prior to sampling = 187 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	100	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	100	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		5460	ug/l	M-Area,SRS
1	TRANS-1,2-DICHLOROETHENE		42	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	100	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	100	ug/l	M-Area,SRS

WELL MSB 29A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/17/89 Time 1350
pH = 6.9 Alkalinity = 24 mg/L
Specific Conductance = 72 umhos/cm
Water Temperature = 20.5 degrees Celsius
Water evacuated from the well prior to sampling = 279 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 29B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/17/89 Time 1030
Depth to water = 141.37 ft (43.09 m) below the TOC
Water elevation = 223.83 ft (68.22 m) msl
pH = 4.4 Alkalinity = 0 mg/L
Specific Conductance = 26 umhos/cm
Water Temperature = 18.3 degrees Celsius
Water evacuated from the well prior to sampling = 198 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		34.06	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		43.55	UMHC	Env. Eng.
0	PH		4.60	pH	Env. Eng.
0	PH		4.60	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM		38	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		7	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	CHLORIDE		2200	ug/l	Env. Eng.
0	CHLORIDE		2300	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MANGANESE		3	ug/l	Env. Eng.
0	SODIUM		2180	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1550	ug/l	Env. Eng.
2	LEAD		36	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	TIN	LT	120	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL DISSOLVED SOLIDS		46000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	ZINC		24	ug/l	Env. Eng.
0	GROSS ALPHA		0.73+-0.72	pCi/l	Rad. Meas.
0	GROSS ALPHA		1.64+-0.98	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.70+-0.86	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.43+-0.85	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.

WELL MSB 29C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/17/89 Time 1135
Depth to water = 134.60 ft (41.03 m) below the TOC
Water elevation = 230.60 ft (70.29 m) msl
pH = 4.7 Alkalinity = 0 mg/L
Specific Conductance = 23 umhos/cm
Water Temperature = 19.0 degrees Celsius
Water evacuated from the well prior to sampling = 179 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		33.10	UMHC	Env. Eng.
0	PH		4.80	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM		21	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		6	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	CHLORIDE		1900	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MANGANESE		3	ug/l	Env. Eng.
0	SODIUM		2010	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1530	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	TIN	LT	120	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL DISSOLVED SOLIDS		40000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		4500	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.

CONTINUED

WELL MSB 29C COLLECTED ON 03/17/89 LABORATORY ANALYSES CONTINUED

0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	ZINC		16	ug/l	Env. Eng.
0	GROSS ALPHA		1.99+-0.84	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.47+-0.90	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.84+-0.72	pCi/l	Rad. Meas.

WELL MSB 29D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/12/89 Time 1425
Depth to water = 131.66 ft (40.13 m) below the TOC
Water elevation = 233.44 ft (71.15 m) msl
pH = 4.3 Alkalinity = 0 mg/L
Specific Conductance = 35 umhos/cm
Water Temperature = 20.0 degrees Celsius
Water evacuated from the well prior to sampling = 103 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		31.00	UMHC	Env. Lab.
0	SPECIFIC CONDUCTANCE		31.20	UMHC	W. A.
0	SPECIFIC CONDUCTANCE		39.50	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		33.40	UMHC	Env. Eng.
0	PH		4.50	pH	Env. Lab.
0	PH		4.60	pH	W. A.
0	PH		4.02	pH	Env. Eng.
1	PH		3.97	pH	Env. Eng.
0	SILVER	LT	10	ug/l	Env. Lab.
0	SILVER	LT	10	ug/l	W. A.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	400	ug/l	Env. Lab.
0	ALUMINUM	LT	200	ug/l	W. A.
0	ALUMINUM		47	ug/l	Env. Eng.
0	ARSENIC	LT	5	ug/l	Env. Lab.
0	ARSENIC	LT	10	ug/l	W. A.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	100	ug/l	Env. Lab.
0	BARIUM	LT	200	ug/l	W. A.
0	BARIUM		9	ug/l	Env. Eng.
0	BERYLLIUM	LT	5	ug/l	W. A.
0	BROMODICHLOROMETHANE	LT	1	ug/l	Env. Lab
0	BROMODICHLOROMETHANE	LT	5	ug/l	W. A.
0	CALCIUM	LT	5000	ug/l	W. A.
0	TRICHLOROFLUOROMETHANE	LT	1	ug/l	Env. Lab.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	W. A.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Lab.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	W. A.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	10	ug/l	Env. Lab.
0	CADMIUM	LT	5	ug/l	W. A.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	1	ug/l	Env. Lab.
0	BROMOFORM	LT	5	ug/l	W. A.
0	CHLOROFORM	LT	1	ug/l	Env. Lab.
0	CHLOROFORM	LT	5	ug/l	W. A.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	1	ug/l	Env. Lab.
0	METHYLENE CHLORIDE	LT	5	ug/l	W. A.
0	BROMOMETHANE	LT	1	ug/l	Env. Lab.
0	BROMOMETHANE	LT	10	ug/l	W. A
0	CHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	CHLOROMETHANE	LT	10	ug/l	W. A.
0	CHLORIDE		2300	ug/l	Env. Lab.
0	CHLORIDE	LT	5000	ug/l	W. A.
0	CHLORIDE		2600	ug/l	Env. Eng.
0	CHLORIDE		2500	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	CHLOROBENZENE	LT	5	ug/l	W. A.
0	COBALT	LT	50	ug/l	W. A.
0	CHROMIUM	LT	50	ug/l	Env. Lab.
0	CHROMIUM	LT	10	ug/l	W. A.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	20	ug/l	Env. Lab.
0	COPPER	LT	25	ug/l	W. A.
0	COPPER		5	ug/l	Env. Eng.
0	CYANIDE	LT	20	ug/l	Env. Lab.
0	CYANIDE	LT	10	ug/l	W. A.
0	CYANIDE	LT	5	ug/l	Env. Eng
0	CHLOROETHENE	LT	1	ug/l	Env. Lab.
0	CHLOROETHENE	LT	10	ug/l	W. A.
0	CHLOROETHANE	LT	1	ug/l	Env. Lab
0	CHLOROETHANE	LT	10	ug/l	W. A.
0	BENZENE	LT	1	ug/l	Env. Lab
0	BENZENE	LT	5	ug/l	W. A
0	DIBROMOCHLOROMETHANE	LT	1	ug/l	Env. Lab
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	W. A
0	ETHYLBENZENE	LT	1	ug/l	Env. Lab
0	ETHYLBENZENE	LT	5	ug/l	W. A.
0	IRON	LT	100	ug/l	W. A
0	MERCURY	LT	0.20	ug/l	Env. Lab.
0	MERCURY	LT	0.20	ug/l	W. A.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	5000	ug/l	W. A.
0	LITHIUM	LT	50	ug/l	W. A.
0	TOLUENE	LT	1	ug/l	Env. Lab.
0	TOLUENE	LT	5	ug/l	W. A
0	MAGNESIUM	LT	5000	ug/l	W. A.
0	MANGANESE	LT	20	ug/l	Env. Lab
0	MANGANESE	LT	15	ug/l	W. A.

CONTINUED

WELL MSB 29D COLLECTED ON 03/12/89 LABORATORY ANALYSES CONTINUED

0	MANGANESE		3	ug/l	Env. Eng.
0	SODIUM		2900	ug/l	Env. Lab.
0	SODIUM	LT	5000	ug/l	W. A.
0	SODIUM		2570	ug/l	Env. Eng.
0	NICKEL	LT	50	ug/l	Env. Lab.
0	NICKEL	LT	40	ug/l	W. A.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		2000	ug/l	Env. Lab.
0	NITRATE AS NITROGEN		1800	ug/l	W. A.
0	NITRATE AS NITROGEN		1960	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		2020	ug/l	Env. Eng.
0	LEAD	LT	100	ug/l	Env. Lab.
0	LEAD		7	ug/l	W. A.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Lab.
0	PHENOLS	LT	5	ug/l	W. A.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	60	ug/l	W. A.
0	SELENIUM	LT	10	ug/l	Env. Lab.
0	SELENIUM	LT	5	ug/l	W. A.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		3000	ug/l	W. A.
0	TIN	LT	1000	ug/l	Env. Lab.
0	TIN	LT	100	ug/l	W. A.
0	TIN	LT	120	ug/l	Env. Eng.
0	SULFATE		7000	ug/l	Env. Lab.
0	SULFATE	LT	5000	ug/l	W. A.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,2,2-TETRACHLOROETHANE	LT	5	ug/l	W. A.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Lab.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	W. A.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL DISSOLVED SOLIDS		36000	ug/l	Env. Lab.
0	TOTAL DISSOLVED SOLIDS		24000	ug/l	W. A.
0	TOTAL DISSOLVED SOLIDS		24000	ug/l	Env. Eng.
0	THALLIUM	LT	10	ug/l	W. A.
0	TOTAL ORGANIC CARBON	LT	5000	ug/l	Env. Lab.
0	TOTAL ORGANIC CARBON		1000	ug/l	W. A.
0	TOTAL ORGANIC CARBON		1000	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	10	ug/l	Env. Lab.
0	TOTAL PHOSPHATES	LT	50	ug/l	W. A.
0	TOTAL PHOSPHATES		21	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Lab.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	W. A.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	Env. Lab.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	W. A.
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	URANIUM	LT	1.00	ug/l	Env. Lab.
0	URANIUM	LT	1000	ug/l	W. A.
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	VANADIUM	LT	50	ug/l	W. A.
0	XYLENES	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	W. A.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHANE	LT	5	ug/l	W. A.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	W. A.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	W. A.
0	1,2-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROETHANE	LT	5	ug/l	W. A.
0	1,2-DICHLOROPROPANE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROPROPANE	LT	5	ug/l	W. A.
0	1,3-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	CIS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	W. A.
0	TRANS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	W. A.
0	1,4-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	2-CHLOROETHYLVINYL ETHER	LT	1	ug/l	Env. Lab.
0	2-CHLOROETHYLVINYL ETHER	LT	5	ug/l	W. A.
0	ZINC	LT	10	ug/l	Env. Lab.
0	ZINC	LT	20	ug/l	W. A.
0	ZINC		8	ug/l	Env. Eng.
2	GROSS ALPHA		24.60+-2.16	pCi/l	Env. Lab.
2	GROSS ALPHA		17.00+-4.00	pCi/l	W. A.
2	GROSS ALPHA		22.50+-2.23	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		12.69+-1.17	pCi/l	Env. Lab.
0	NONVOLATILE BETA		8.00+-2.00	pCi/l	W. A.
1	NONVOLATILE BETA		20.20+-1.98	pCi/l	Rad. Meas.
2	TOTAL RADIUM		9.01+-0.79	pCi/l	Env. Lab.
2	TOTAL RADIUM		7.30+-0.90	pCi/l	W. A.
2	TOTAL RADIUM		20.00+-2.23	pCi/l	Rad. Meas.

WELL MSB 29D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/12/89 Time 1425
Depth to water = 131.66 ft (40.13 m) below the TOC
Water elevation = 233.44 ft (71.15 m) msl
pH = 4.3 Alkalinity = 0 mg/L
Specific Conductance = 35 umhos/cm
Water Temperature = 20.0 degrees Celsius
Water evacuated from the well prior to sampling = 103 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		30.50	UMHC	Env. Eng.
1	PH		3.99	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM		46	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		8	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	CHLORIDE		2400	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		6	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MANGANESE		4	ug/l	Env. Eng.
0	SODIUM		2490	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1990	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	TIN	LT	120	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL DISSOLVED SOLIDS		22000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	ZINC		14	ug/l	Env. Eng.
2	GROSS ALPHA		29.80+-2.76	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		16.00+-1.54	pCi/l	Rad. Meas.
2	TOTAL RADIUM		11.80+-1.55	pCi/l	Rad. Meas.

WELL MSB 29TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/17/89 Time 1250
Depth to water = 157.20 ft (47.92 m) below the TOC
Water elevation = 208.00 ft (63.40 m) msl
pH = 4.5 Alkalinity = 0 mg/L
Specific Conductance = 18 umhos/cm
Water Temperature = 19.0 degrees Celsius
Water evacuated from the well prior to sampling = 384 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
1	TRICHLOROETHYLENE		2.14	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 30A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/28/89 Time 1830
Depth to water = 157.79 ft (48.09 m) below the TOC
Water elevation = 196.81 ft (59.99 m) msl
pH = 5.8 Alkalinity = 17 mg/L
Specific Conductance = 55 umhos/cm
Water Temperature = 18.0 degrees Celsius
Water evacuated from the well prior to sampling = 443 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 30AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/29/89 Time 815
Depth to water = 127.53 ft (38.87 m) below the TOC
Water elevation = 225.07 ft (68.60 m) msl
pH = 6.1 Alkalinity = 15 mg/L
Specific Conductance = 73 umhos/cm
Water Temperature = 18.1 degrees Celsius
Water evacuated from the well prior to sampling = 72 gal
The well went dry during purging.

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 30B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/28/89 Time 1815
Depth to water = 126.73 ft (38.63 m) below the TOC
Water elevation = 226.37 ft (69.00 m) msl
pH = 4.0 Alkalinity = 0 mg/L
Specific Conductance = 30 umhos/cm
Water Temperature = 17.5 degrees Celsius
Water evacuated from the well prior to sampling = 265 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 30C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/28/89 Time 1705
Depth to water = 121.94 ft (37.17 m) below the TOC
Water elevation = 232.96 ft (71.01 m) msl
pH = 4.6 Alkalinity = 0 mg/L
Specific Conductance = 18 umhos/cm
Water Temperature = 17.7 degrees Celsius
Water evacuated from the well prior to sampling = 34 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 30CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/28/89 Time 1735
Depth to water = 127.03 ft (38.72 m) below the TOC
Water elevation = 226.67 ft (69.09 m) msl
pH = 4.3 Alkalinity = 0 mg/L
Specific Conductance = 20 umhos/cm
Water Temperature = 17.8 degrees Celsius
Water evacuated from the well prior to sampling = 174 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
1	TRICHLOROETHYLENE		1.98	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 31A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/24/89 Time 1240
Depth to water = 151.60 ft (46.21 m) below the TOC
Water elevation = 195.60 ft (59.62 m) msl
pH = 4.4 Alkalinity = 0 mg/L
Specific Conductance = 22 umhos/cm
Water Temperature = 19.4 degrees Celsius
Water evacuated from the well prior to sampling = 492 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		23.40	UMHC	Env. Eng.
0	PH		4.89	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	4	ug/l	Env. Eng
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		787	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2400	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		9	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	IRON		29	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		262	ug/l	Env. Eng.
0	MANGANESE		5	ug/l	Env. Eng.
0	SODIUM		1550	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		387	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL PHOSPHATES		20	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		53	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.43+-0.40	pCi/l	Rad. Meas

WELL MSB 31B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/24/89 Time 1215
Depth to water = 134.32 ft (40.94 m) below the TOC
Water elevation = 213.18 ft (64.98 m) msl
pH = 4.5 Alkalinity = 0 mg/L
Specific Conductance = 26 umhos/cm
Water Temperature = 19.7 degrees Celsius
Water evacuated from the well prior to sampling = 159 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		26.60	UMHC	Env. Eng
0	PH		4.72	pH	Env. Eng
0	SILVER	LT	2	ug/l	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		5	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	25	ug/l	Env. Eng
0	CALCIUM		2310	ug/l	Env. Eng
0	TRICHLOROFLUOROMETHANE	LT	25	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	25.0	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng
0	BROMOFORM	LT	50	ug/l	Env. Eng

CONTINUED

WELL MSB 31B COLLECTED ON 01/24/89 LABORATORY ANALYSES CONTINUED

0	CHLOROFORM	LT	25	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	25	ug/l	Env. Eng.
0	BROMOMETHANE	LT	50	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	50	ug/l	Env. Eng.
0	CHLORIDE		2400	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	25	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	50	ug/l	Env. Eng.
0	CHLOROETHANE	LT	50	ug/l	Env. Eng.
0	BENZENE	LT	25	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	25	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	25	ug/l	Env. Eng.
0	IRON	LT	[illegible]	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	TOLUENE	LT	25	ug/l	Env. Eng.
0	MAGNESIUM		430	ug/l	Env. Eng.
0	MANGANESE		4	ug/l	Env. Eng.
0	SODIUM		2000	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		924	ug/l	Env. Eng.
0	LEAD		9	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	50	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	25.0	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		9.62	ug/l	M-Area,SRS
0	TOTAL PHOSPHATES		20	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		307	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		295	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	25	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	25	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	25	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	25	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	25	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	50	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	25	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	25	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	50	ug/l	Env. Eng.
0	ZINC		52	ug/l	Env. Eng.
0	GROSS ALPHA		0.87+-0.55	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.12+-0.74	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.35+-0.57	pCi/l	Rad. Meas.

WELL MSB 31C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/24/89 Time 1130
Depth to water = 112.55 ft (34.31 m) below the TOC
Water elevation = 234.75 ft (71.55 m) msl
pH = 5.0 Alkalinity = 3 mg/L
Specific Conductance = 73 umhos/cm
Water Temperature = 18.3 degrees Celsius
Water evacuated from the well prior to sampling = 49 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		78.00	UMHC	Env. Eng.
0	PH		5.21	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		25	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		3150	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
2	CARBON TETRACHLORIDE		6.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	2000	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		7300	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		7	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	IRON		22	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		1000	ug/l	Env. Eng.
0	MANGANESE		16	ug/l	Env. Eng.
1	SODIUM		8140	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
1	NITRATE AS NITROGEN		3930	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.

CONTINUED

WELL MSB 31C COLLECTED ON 01/24/89 LABORATORY ANALYSES CONTINUED

0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		79990	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		71300	ug/l	M-Area,SRS
0	TOTAL PHOSPHATES		30	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		71300	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		70500	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	2000	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	2000	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
1	1,1,1-TRICHLOROETHANE		27	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	2000	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		42	ug/l	Env. Eng.
0	GROSS ALPHA		2.36+-0.85	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		9.50+-1.29	pCi/l	Rad. Meas.
1	TOTAL RADIUM		3.06+-0.82	pCi/l	Rad. Meas.

WELL MSB 31CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/30/89 Time 1730
Depth to water = 134.92 ft (41.12 m) below the TOC
Water elevation = 213.88 ft (65.19 m) msl
pH = 7.3 Alkalinity = 28 mg/L
Specific Conductance = 120 umhos/cm
Water Temperature = 20.6 degrees Celsius
Water evacuated from the well prior to sampling = 145 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	10	ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		22.8	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		171	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	10	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	10	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	10	ug/l	M-Area,SRS

WELL MSB 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/19/89 Time 1745
Depth to water = 30.01 ft (9.15 m) below the TOC
Water elevation = 225.29 ft (68.67 m) msl
pH = 4.6 Alkalinity = 0 mg/L
Specific Conductance = 22 umhos/cm
Water Temperature = 17.8 degrees Celsius
Water evacuated from the well prior to sampling = 72 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 33

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/07/89 Time 1710
Depth to water = 38.70 ft (11.80 m) below the TOC
Water elevation = 217.90 ft (66.42 m) msl
pH = 4.8 Alkalinity = 0 mg/L
Specific Conductance = 35 umhos/cm
Water Temperature = 18.3 degrees Celsius
Water evacuated from the well prior to sampling = 22 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	3	ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		17.6	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		29.7	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	3	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	3	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	3	ug/l	M-Area,SRS

WELL MSB 33A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/07/89 Time 1605
Depth to water = 52.13 ft (15.89 m) below the TOC
Water elevation = 203.27 ft (61.96 m) msl
pH = 4.6 Alkalinity = 0 mg/L
Specific Conductance = 21 umhos/cm
Water Temperature = 19.0 degrees Celsius
Water evacuated from the well prior to sampling = 309 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1 ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00 ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		17.7 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	M-Area,SRS

WELL MSB 33B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/07/89 Time 1640
Depth to water = 47.38 ft (14.44 m) below the TOC
Water elevation = 207.82 ft (63.34 m) msl
pH = 4.7 Alkalinity = 0 mg/L
Specific Conductance = 29 umhos/cm
Water Temperature = 18.9 degrees Celsius
Water evacuated from the well prior to sampling = 242 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1 ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		36.4 ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		18.1 ug/l	M-Area,SRS
1	TRANS-1,2-DICHLOROETHENE		13 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	M-Area,SRS

WELL MSB 33C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/07/89 Time 1700
Depth to water = 45.09 ft (13.74 m) below the TOC
Water elevation = 210.21 ft (64.07 m) msl
pH = 4.6 Alkalinity = 0 mg/L
Specific Conductance = 39 umhos/cm
Water Temperature = 18.3 degrees Celsius
Water evacuated from the well prior to sampling = 154 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1 ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		18.6 ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		55.2 ug/l	M-Area,SRS
1	TRANS-1,2-DICHLOROETHENE		5 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	M-Area,SRS

WELL MSB 33TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/07/89 Time 1725
Depth to water = 63.58 ft (19.38 m) below the TOC
Water elevation = 191.92 ft (58.50 m) msl
pH = 4.7 Alkalinity = 0 mg/L
Specific Conductance = 20 umhos/cm
Water Temperature = 19.0 degrees Celsius
Water evacuated from the well prior to sampling = 448 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1 ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00 ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	M-Area,SRS

WELL MSB 34A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/06/89 Time 1805
Depth to water = 166.26 ft (50.68 m) below the TOC
Water elevation = 216.94 ft (66.12 m) msl
pH = 4.9 Alkalinity = 1 mg/L
Specific Conductance = 21 umhos/cm
Water Temperature = 19.2 degrees Celsius
Water evacuated from the well prior to sampling = 269 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	20 ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		88.1 ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		1060 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	20 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	20 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	20 ug/l	M-Area,SRS

WELL MSB 34B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/06/89 Time 1700
Depth to water = 156.20 ft (47.61 m) below the TOC
Water elevation = 226.90 ft (69.16 m) msl
pH = 4.8 Alkalinity = 1 mg/L
Specific Conductance = 33 umhos/cm
Water Temperature = 19.9 degrees Celsius
Water evacuated from the well prior to sampling = 117 gal

LABORATORY ANALYSES

2	CHLOROFORM		82 ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		196 ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		1220 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	10 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	10 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	10 ug/l	M-Area,SRS

WELL MSB 34C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/06/89 Time 1715
Depth to water = 153.30 ft (46.73 m) below the TOC
Water elevation = 229.90 ft (70.07 m) msl
pH = 4.5 Alkalinity = 0 mg/L
Specific Conductance = 41 umhos/cm
Water Temperature = 20.1 degrees Celsius
Water evacuated from the well prior to sampling = 27 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	25 ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		92.0 ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		370 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	25 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	25 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	25 ug/l	M-Area,SRS

WELL MSB 34TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/06/89 Time 1740
Depth to water = 190.92 ft (58.19 m) below the TOC
Water elevation = 191.58 ft (58.39 m) msl
pH = 5.7 Alkalinity = 6 mg/L
Specific Conductance = 24 umhos/cm
Water Temperature = 19.1 degrees Celsius
Water evacuated from the well prior to sampling = 767 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1 ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00 ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	M-Area,SRS

WELL MSB 34TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/06/89 Time 1635
Depth to water = 187.05 ft (57.01 m) below the TOC
Water elevation = 195.75 ft (59.67 m) msl
pH = 5.1 Alkalinity = 2 mg/L
Specific Conductance = 34 umhos/cm
Water Temperature = 19.4 degrees Celsius
Water evacuated from the well prior to sampling = 338 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1 ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00 ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	M-Area,SRS

WELL MSB 35A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/12/89 Time 1250
Depth to water = 135.84 ft (41.40 m) below the TOC
Water elevation = 215.26 ft (65.61 m) msl
pH = 4.7 Alkalinity = 0 mg/L
Specific Conductance = 30 umhos/cm
Water Temperature = 20.9 degrees Celsius
Water evacuated from the well prior to sampling = 246 gal

LABORATORY ANALYSES

0	BROMODICHLOROMETHANE	LT	1 ug/l	Env. Lab.
0	TRICHLOROFLUOROMETHANE	LT	1 ug/l	Env. Lab.
0	CARBON TETRACHLORIDE	LT	1.00 ug/l	Env. Lab.
0	CARBON TETRACHLORIDE	LT	1.00 ug/l	W. A.
0	BROMOFORM	LT	1 ug/l	Env. Lab.
0	CHLOROFORM	LT	1 ug/l	Env. Lab.
0	CHLOROFORM	LT	1 ug/l	W. A.
0	CHLOROFORM	LT	1 ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	1 ug/l	Env. Lab.
0	BROMOMETHANE	LT	1 ug/l	Env. Lab.
0	CHLOROMETHANE	LT	1 ug/l	Env. Lab.
0	CHLOROBENZENE	LT	1 ug/l	Env. Lab.
0	CHLOROETHENE	LT	1 ug/l	Env. Lab.
0	CHLOROETHANE	LT	1 ug/l	Env. Lab.
0	BENZENE	LT	1 ug/l	Env. Lab.
0	DIBROMOCHLOROMETHANE	LT	1 ug/l	Env. Lab.
0	ETHYLBENZENE	LT	1 ug/l	Env. Lab.
0	TOLUENE	LT	1 ug/l	Env. Lab.
0	1,1,2,2-TETRACHLOROETHANE	LT	1 ug/l	Env. Lab.
0	TETRACHLOROETHYLENE	LT	1.00 ug/l	Env. Lab.
0	TETRACHLOROETHYLENE	LT	1.00 ug/l	W. A.
0	TETRACHLOROETHYLENE	LT	1.00 ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		4.30 ug/l	Env. Lab.
2	TRICHLOROETHYLENE		3.00 ug/l	W. A.
2	TRICHLOROETHYLENE		6.36 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 ug/l	Env. Lab.
0	TRANS-1,2-DICHLOROETHENE	LT	1 ug/l	M-Area,SRS
0	XYLENES	LT	1 ug/l	Env. Lab.
0	1,1-DICHLOROETHYLENE	LT	1 ug/l	Env. Lab.
0	1,1-DICHLOROETHYLENE	LT	1 ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	1 ug/l	Env. Lab.
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	Env. Lab.
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	W. A.
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	1 ug/l	Env. Lab.
0	1,2-DICHLOROBENZENE	LT	1 ug/l	Env. Lab.
0	1,2-DICHLOROETHANE	LT	1 ug/l	Env. Lab.
0	1,2-DICHLOROPROPANE	LT	1 ug/l	Env. Lab.
0	1,3-DICHLOROBENZENE	LT	1 ug/l	Env. Lab.
0	CIS-1,3-DICHLOROPROPENE	LT	1 ug/l	Env. Lab.
0	TRANS-1,3-DICHLOROPROPENE	LT	1 ug/l	Env. Lab.
0	1,4-DICHLOROBENZENE	LT	1 ug/l	Env. Lab.
0	2-CHLOROETHYLVINYL ETHER	LT	1 ug/l	Env. Lab.

WELL MSB 35A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/12/89 Time 1250
Depth to water = 135.50 ft (41.30 m) below the TOC
Water elevation = 215.60 ft (65.72 m) msl
pH = 4.7 Alkalinity = 0 mg/L
Specific Conductance = 30 umhos/cm
Water Temperature = 20.9 degrees Celsius
Water evacuated from the well prior to sampling = 246 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1 ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00 ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		3.51 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	M-Area,SRS

WELL MSB 35B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/20/89 Time 1215
Depth to water = 132.10 ft (40.26 m) below the TOC
Water elevation = 219.70 ft (66.97 m) msl
pH = 5.4 Alkalinity = 8 mg/L
Specific Conductance = 39 umhos/cm
Water Temperature = 18.4 degrees Celsius
Water evacuated from the well prior to sampling = 164 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1 ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00 ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	M-Area,SRS

WELL MSB 35D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/20/89 Time 1140
The well was dry.

WELL MSB 35TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/20/89 Time 1255
Depth to water = 153.32 ft (46.73 m) below the TOC
Water elevation = 197.08 ft (60.07 m) msl
pH = 4.6 Alkalinity = 0 mg/L
Specific Conductance = 21 umhos/cm
Water Temperature = 18.6 degrees Celsius
Water evacuated from the well prior to sampling = 560 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1 ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00 ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	M-Area,SRS

WELL MSB 36A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/22/89 Time 1620
Depth to water = 131.94 ft (40.22 m) below the TOC
Water elevation = 208.66 ft (63.60 m) msl
pH = 4.5 Alkalinity = 0 mg/L
Specific Conductance = 35 umhos/cm
Water Temperature = 18.6 degrees Celsius
Water evacuated from the well prior to sampling = 304 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		40.40 UMHC	Env. Eng.
0	PH		4.73 pH	Env. Eng.
0	SILVER	LT	2 ug/l	Env. Eng.
0	ALUMINUM		30 ug/l	Env. Eng.
0	ARSENIC	LT	2 ug/l	Env. Eng.
0	BARIUM		12 ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5 ug/l	Env. Eng.
0	CALCIUM		1050 ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5 ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00 ug/l	Env. Eng.
0	CADMIUM	LT	2 ug/l	Env. Eng.
0	BROMOFORM	LT	10 ug/l	Env. Eng.
0	CHLOROFORM	LT	5 ug/l	Env. Eng.
0	CHLOROFORM	LT	1 ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5 ug/l	Env. Eng.
0	BROMOMETHANE	LT	10 ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10 ug/l	Env. Eng.
0	CHLORIDE		2200 ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5 ug/l	Env. Eng.
0	CHROMIUM	LT	4 ug/l	Env. Eng.
0	COPPER	LT	4 ug/l	Env. Eng.
0	CYANIDE	LT	5 ug/l	Env. Eng.
0	CHLOROETHENE	LT	10 ug/l	Env. Eng.
0	CHLOROETHANE	LT	10 ug/l	Env. Eng.
0	BENZENE	LT	5 ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5 ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5 ug/l	Env. Eng.
0	IRON		68 ug/l	Env. Eng.
0	MERCURY	LT	0.20 ug/l	Env. Eng.
0	TOLUENE	LT	5 ug/l	Env. Eng.
0	MAGNESIUM		382 ug/l	Env. Eng.
2	MANGANESE		56 ug/l	Env. Eng.
0	SODIUM		1700 ug/l	Env. Eng.
1	NICKEL		20 ug/l	Env. Eng.
0	NITRATE AS NITROGEN		118 ug/l	Env. Eng.
0	LEAD		8 ug/l	Env. Eng.
0	PHENOLS	LT	5 ug/l	Env. Eng.

CONTINUED

WELL MSB 36A COLLECTED ON 03/22/89 LABORATORY ANALYSES CONTINUED

0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE		5600	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		23	ug/l	Env. Eng.
0	GROSS ALPHA		0.89+-0.47	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.70+-0.83	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.

WELL MSB 36B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/22/89 Time 1330
Depth to water = 127.52 ft (38.87 m) below the TOC
Water elevation = 213.18 ft (64.98 m) msl
Physical or mechanical failure prevented sample collection.

WELL MSB 36B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/29/89 Time 1730
Depth to water = 127.02 ft (38.72 m) below the TOC
Water elevation = 213.68 ft (65.13 m) msl
pH = 4.5 Alkalinity = 0 mg/L
Specific Conductance = 182 umhos/cm
Water Temperature = 20.4 degrees Celsius
Water evacuated from the well prior to sampling = 164 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		170.0	UMHC	Env. Eng.
0	PH		5.06	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		47	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		11100	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	50	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		10	ug/l	Env. Eng.
1	CYANIDE		6	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	IRON		38	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		3990	ug/l	Env. Eng.
1	MANGANESE		48	ug/l	Env. Eng.
1	SODIUM		17000	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng
2	NITRATE AS NITROGEN		15000	ug/l	Env. Eng.
0	LEAD		6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	50.0	ug/l	M-Area,SRS
0	TOTAL PHOSPHATES		65	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		2194	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		3270	ug/l	M-Area,SRS
1	TRANS-1,2-DICHLOROETHENE		14	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	50	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	50	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.

CONTINUED

WELL MSB 36B COLLECTED ON 03/29/89 LABORATORY ANALYSES CONTINUED

0	1,1,1-TRICHLOROETHANE	LT	50	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		36	ug/l	Env. Eng.
0	GROSS ALPHA		3.84+-1.36	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		8.35+-1.31	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.64+-1.00	pCi/l	Rad. Meas.

WELL MSB 36C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/22/89 Time 1510
Depth to water = 127.46 ft (38.85 m) below the TOC
Water elevation = 213.34 ft (65.03 m) msl
pH = 4.7 Alkalinity = 2 mg/L
Specific Conductance = 23 umhos/cm
Water Temperature = 18.4 degrees Celsius
Water evacuated from the well prior to sampling = 82 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		27.20	UMHC	Env. Eng.
0	PH		4.99	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM		29	ug/l	Env. Eng.
0	ALUMINUM		25	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		7	ug/l	Env. Eng.
0	BARIUM		7	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		692	ug/l	Env. Eng.
0	CALCIUM		675	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	10	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng
1	CHLORIDE		13400	ug/l	Env. Eng.
1	CHLORIDE		14100	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng
0	COPPER	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	IRON		24	ug/l	Env. Eng.
0	IRON		20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng
0	MAGNESIUM		402	ug/l	Env. Eng.
0	MAGNESIUM		402	ug/l	Env. Eng.
0	MANGANESE		5	ug/l	Env. Eng
0	MANGANESE		5	ug/l	Env. Eng
0	SODIUM		2020	ug/l	Env. Eng
0	SODIUM		2060	ug/l	Env. Eng.
0	NICKEL		4	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1400	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1410	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng
2	TETRACHLOROETHYLENE		27.0	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		29.2	ug/l	M-Area,SRS
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng
2	TRICHLOROETHYLENE		300	ug/l	Env. Eng
2	TRICHLOROETHYLENE		361	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng
0	TRANS-1,2-DICHLOROETHENE	LT	10	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng
0	URANIUM	LT	1000	ug/l	Env. Eng
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng
0	1,1-DICHLOROETHYLENE	LT	10	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	10	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng
0	ZINC		16	ug/l	Env. Eng
0	ZINC		19	ug/l	Env. Eng
0	GROSS ALPHA		1.49+-0.63	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		0.82+-0.77	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.

WELL MSB 36D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/22/89 Time 1535
pH = 5.6 Alkalinity = 4 mg/L
Specific Conductance = 88 umhos/cm
Water Temperature = 17.0 degrees Celsius
Water evacuated from the well prior to sampling = 5 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		95.40	UMHC	Env. Eng.
0	PH		5.65	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		10	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		3330	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		1800	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
1	COPPER		24	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
1	IRON		233	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		558	ug/l	Env. Eng.
2	MANGANESE		120	ug/l	Env. Eng.
1	SODIUM		12500	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
1	NITRATE AS NITROGEN		3980	ug/l	Env. Eng.
2	LEAD		29	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL PHOSPHATES		108	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		22	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.24+-0.93	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.

WELL MSB 36TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/22/89 Time 1450
Depth to water = 150.50 ft (45.87 m) below the TOC
Water elevation = 190.10 ft (57.94 m) msl
pH = 4.9 Alkalinity = 1 mg/L
Specific Conductance = 22 umhos/cm
Water Temperature = 18.0 degrees Celsius
Water evacuated from the well prior to sampling = 393 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		33.70	UMHC	Env. Eng.
0	PH		5.00	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		7	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		789	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS

CONTINUED

WELL MSB 36TA COLLECTED ON 03/22/89 LABORATORY ANALYSES CONTINUED

0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2300	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		6	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
2	IRON		697	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		274	ug/l	Env. Eng.
2	MANGANESE		65	ug/l	Env. Eng.
0	SODIUM		1600	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	LT	50	ug/l	Env. Eng.
2	LEAD		89	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		14	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.

WELL MSB 37A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/12/89 Time 735
Depth to water = 178.65 ft (54.45 m) below the TOC
Water elevation = 204.45 ft (62.32 m) msl
pH = 6.4 Alkalinity = 17 mg/L
Specific Conductance = 73 umhos/cm
Water Temperature = 17.8 degrees Celsius
Water evacuated from the well prior to sampling = 81 gal
The well went dry during purging.

LABORATORY ANALYSES

0	CHLOROFORM	LT	10	ug/l	M-Area,SRS
1	TETRACHLOROETHYLENE		3.35	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		34.7	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	10	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	10	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	10	ug/l	M-Area,SRS

WELL MSB 37B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/11/89 Time 1115
Depth to water = 163.93 ft (49.97 m) below the TOC
Water elevation = 218.87 ft (66.71 m) msl
pH = 5.2 Alkalinity = 4 mg/L
Specific Conductance = 24 umhos/cm
Water Temperature = 17.9 degrees Celsius
Water evacuated from the well prior to sampling = 232 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	2	ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		7.02	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		275	ug/l	M-Area,SRS
1	TRANS-1,2-DICHLOROETHENE		8	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	2	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	2	ug/l	M-Area,SRS

WELL MSB 37C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/11/89 Time 1140
Depth to water = 153.88 ft (46.90 m) below the TOC
Water elevation = 229.22 ft (69.87 m) msl
pH = 5.5 Alkalinity = 4 mg/L
Specific Conductance = 24 umhos/cm
Water Temperature = 18.3 degrees Celsius
Water evacuated from the well prior to sampling = 159 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	5	ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		10.3	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		42.1	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	M-Area,SRS

WELL MSB 37D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/11/89 Time 1220
pH = 4.8 Alkalinity = 0 mg/L
Specific Conductance = 29 umhos/cm
Water Temperature = 18.3 degrees Celsius
Water evacuated from the well prior to sampling = 40 gal

LABORATORY ANALYSES

1	CHLOROFORM		1	ug/l	M-Area,SRS
1	TETRACHLOROETHYLENE		3.42	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		4.46	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 37TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/11/89 Time 1210
Depth to water = 178.18 ft (54.31 m) below the TOC
Water elevation = 204.22 ft (62.25 m) msl
pH = 5.1 Alkalinity = 2 mg/L
Specific Conductance = 22 umhos/cm
Water Temperature = 18.1 degrees Celsius
Water evacuated from the well prior to sampling = 472 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	10	ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		66.4	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		1380	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	10	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	10	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	10	ug/l	M-Area,SRS

WELL MSB 38B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/25/89 Time 1300
Depth to water = 144.03 ft (43.90 m) below the TOC
Water elevation = 212.57 ft (64.79 m) msl
pH = 6.1 Alkalinity = 13 mg/L
Specific Conductance = 56 umhos/cm
Water Temperature = 19.6 degrees Celsius
Water evacuated from the well prior to sampling = 192 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	5	ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		180	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		573	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	M-Area,SRS

WELL MSB 38C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/25/89 Time 1225
Depth to water = 140.64 ft (42.87 m) below the TOC
Water elevation = 215.60 ft (65.73 m) msl
pH = 6.1 Alkalinity = 18 mg/L
Specific Conductance = 108 umhos/cm
Water Temperature = 19.7 degrees Celsius
Water evacuated from the well prior to sampling = 177 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	5	ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		34.5	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		485	ug/l	M-Area,SRS
1	TRANS-1,2-DICHLOROETHENE		20	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	M-Area,SRS

WELL MSB 38D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/25/89 Time 1130
The well was dry.

WELL MSB 38TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/08/89 Time 1315
Depth to water = 167.19 ft (50.96 m) below the TOC
Water elevation = 189.51 ft (57.76 m) msl
pH = 5.0 Alkalinity = 1 mg/L
Specific Conductance = 20 umhos/cm
Water Temperature = 17.5 degrees Celsius
Water evacuated from the well prior to sampling = 481 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 38TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/25/89 Time 1230
Depth to water = 166.93 ft (50.88 m) below the TOC
Water elevation = 189.77 ft (57.84 m) msl
pH = 4.8 Alkalinity = 1 mg/L
Specific Conductance = 22 umhos/cm
Water Temperature = 19.6 degrees Celsius
Water evacuated from the well prior to sampling = 473 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 39A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/24/89 Time 920
Depth to water = 131.72 ft (40.15 m) below the TOC
Water elevation = 209.88 ft (63.97 m) msl
pH = 5.7 Alkalinity = 9 mg/L
Specific Conductance = 43 umhos/cm
Water Temperature = 17.6 degrees Celsius
Water evacuated from the well prior to sampling = 70 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		55.30	UMHO	Env. Eng
0	PH		5.66	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng
0	BARIUM		18	ug/l	Env. Eng
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng
0	CALCIUM		5830	ug/l	Env. Eng
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng

CONTINUED

WELL MSB 39A COLLECTED ON 01/24/89 LABORATORY ANALYSES CONTINUED

2	CADMIUM		26	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2500	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		7	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		590	ug/l	Env. Eng.
1	MANGANESE		46	ug/l	Env. Eng.
0	SODIUM		2450	ug/l	Env. Eng.
1	NICKEL		10	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		183	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE		6300	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		1.16	ug/l	M-Area,SRS
0	TOTAL PHOSPHATES		60	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
1	TRICHLOROETHYLENE		2.36	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		211	ug/l	Env. Eng.
0	GROSS ALPHA		0.52+-0.40	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.43+-0.37	pCi/l	Rad. Meas.

WELL MSB 39B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/24/89 Time 955
Depth to water = 129.92 ft (39.60 m) below the TOC
Water elevation = 211.88 ft (64.58 m) msl
pH = 4.5 Alkalinity = 0 mg/L
Specific Conductance = 165 umhos/cm
Water Temperature = 17.7 degrees Celsius
Water evacuated from the well prior to sampling = 195 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		183.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		183.0	UMHC	Env. Eng.
0	PH		4.42	pH	Env. Eng.
0	PH		4.44	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM		60	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		40	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		6050	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.

CONTINUED

WELL MSB 39B COLLECTED ON 01/24/89 LABORATORY ANALYSES CONTINUED

0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	10	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		4500	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		9	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		2870	ug/l	Env. Eng.
0	MANGANESE		13	ug/l	Env. Eng.
1	SODIUM		19500	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		16800	ug/l	Env. Eng.
1	LEAD		25	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		156	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		187	ug/l	M-Area,SRS
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		265	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		273	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	10	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
1	1,1-DICHLOROETHYLENE		17	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	10	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
1	1,1,1-TRICHLOROETHANE		27	ug/l	Env. Eng.
1	1,1,1-TRICHLOROETHANE		24	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		12	ug/l	Env. Eng.
0	GROSS ALPHA		3.10+-1.18	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		7.14+-1.21	pCi/l	Rad. Meas.
1	TOTAL RADIUM		2.93+-0.83	pCi/l	Rad. Meas

WELL MSB 39C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/24/89 Time 1020
Depth to water = 125.43 ft (38.23 m) below the TOC
Water elevation = 216.07 ft (65.86 m) msl
pH = 4.3 Alkalinity = 0 mg/L
Specific Conductance = 58 umhos/cm
Water Temperature = 17.5 degrees Celsius
Water evacuated from the well prior to sampling = 85 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		61.10	UMHC	Env. Eng.
0	PH		4.50	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
1	ALUMINUM		117	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		13	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		2120	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2400	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		5	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	IRON		23	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		1250	ug/l	Env. Eng.
0	MANGANESE		10	ug/l	Env. Eng.
0	SODIUM		4620	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
1	NITRATE AS NITROGEN		4320	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.

CONTINUED

WELL MSB 39C COLLECTED ON 01/24/89 LABORATORY ANALYSES CONTINUED

0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		17.0	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		12.7	ug/l	M-Area,SRS
0	TOTAL PHOSPHATES		30	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		70.0	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		67.8	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	50	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		22	ug/l	Env. Eng.
0	GROSS ALPHA		1.10+-0.37	pCi/l	Rad. Meas.
0	GROSS ALPHA		1.49+-0.68	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.31+-0.90	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.35+-0.91	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.59+-0.64	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.93+-0.70	pCi/l	Rad. Meas.

WELL MSB 39D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/24/89 Time 1045
Depth to water = 109.15 ft (33.27 m) below the TOC
Water elevation = 232.55 ft (70.88 m) msl
pH = 5.1 Alkalinity = 2 mg/L
Specific Conductance = 33 umhos/cm
Water Temperature = 18.0 degrees Celsius
Water evacuated from the well prior to sampling = 49 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		36.00	UMHC	Env. Eng.
0	PH		5.11	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		7	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		1560	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2400	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
1	COPPER		24	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	IRON		93	ug/l	Env. Eng.
0	IRON		77	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		764	ug/l	Env. Eng.
0	MANGANESE		7	ug/l	Env. Eng.
0	SODIUM		2160	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1820	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1820	ug/l	Env. Eng.
2	LEAD		27	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL PHOSPHATES		20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
1	TRICHLOROETHYLENE		1.30	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		17	ug/l	Env. Eng.
0	ZINC		21	ug/l	Env. Eng.

CONTINUED

WELL MSB 39D COLLECTED ON 01/24/89 LABORATORY ANALYSES CONTINUED

0	GROSS ALPHA	3.36+-0.98	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	2.87+-0.87	pCi/l	Rad. Meas.
0	TOTAL RADIUM	2.21+-0.73	pCi/l	Rad. Meas.

WELL MSB 39TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/24/89 Time 1010
Depth to water = 150.50 ft (45.87 m) below the TOC
Water elevation = 191.30 ft (58.31 m) msl
pH = 5.0 Alkalinity = 1 mg/L
Specific Conductance = 22 umhos/cm
Water Temperature = 18.1 degrees Celsius
Water evacuated from the well prior to sampling = 412 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		24.00	UMHC	Env. Eng.
0	PH		5.05	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		4	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		1790	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2400	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		8	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
2	IRON		797	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		276	ug/l	Env. Eng.
0	MANGANESE		23	ug/l	Env. Eng.
0	SODIUM		1560	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	LEAD		8	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		24	ug/l	Env. Eng.
0	GROSS ALPHA	0.66+-0.51	pCi/l		Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM	0.67+-0.46	pCi/l		Rad. Meas.

WELL MSB 40A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/25/89 Time 1045
Depth to water = 119.78 ft (36.51 m) below the TOC
Water elevation = 201.42 ft (61.39 m) msl
pH = 5.0 Alkalinity = 0 mg/L
Specific Conductance = 49 umhos/cm
Water Temperature = 19.3 degrees Celsius
Water evacuated from the well prior to sampling = 255 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		52.70	UMHC	Env. Eng.
0	PH		4.55	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM		53	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		19	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.

CONTINUED

WELL MSB 40A COLLECTED ON 03/29/89 LABORATORY ANALYSES CONTINUED

0	CALCIUM		2250	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2500	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
2	IRON		1230	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		902	ug/l	Env. Eng.
1	MANGANESE		44	ug/l	Env. Eng.
0	SODIUM		2100	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SULFATE		11900	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL PHOSPHATES		128	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		22.0	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		49	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.78+-0.94	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.71+-0.53	pCi/l	Rad. Meas.

WELL MSB 40B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/25/89 Time 1135
Depth to water = 118.79 ft (36.21 m) below the TOC
Water elevation = 202.91 ft (61.85 m) msl
pH = 5.3 Alkalinity = 1 mg/L
Specific Conductance = 29 umhos/cm
Water Temperature = 18.9 degrees Celsius
Water evacuated from the well prior to sampling = 159 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		32.80	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		29.00	UMHC	Env. Eng.
0	PH		5.18	pH	Env. Eng.
0	PH		5.11	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM		25	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		7	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		2330	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	20	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		15	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	IRON		37	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		354	ug/l	Env. Eng.
0	MANGANESE		23	ug/l	Env. Eng.
0	SODIUM		1700	ug/l	Env. Eng.

CONTINUED

WELL MSB 40B COLLECTED ON 03/25/89 LABORATORY ANALYSES CONTINUED

0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		831	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		77.0	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	20.0	ug/l	M-Area,SRS
0	TOTAL PHOSPHATES		40	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		550	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		603	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	20	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	20	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	20	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		43	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.51+-0.48	pCi/l	Rad. Meas.

WELL MSB 40C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/25/89 Time 1220
pH = 5.6 Alkalinity = 3 mg/L
Specific Conductance = 55 umhos/cm
Water Temperature = 20.3 degrees Celsius
Water evacuated from the well prior to sampling = 65 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		47.80	UMHC	Env. Eng.
0	PH		5.60	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
1	ALUMINUM		83	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		13	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		5820	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		1800	ug/l	Env. Eng
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		7	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
2	IRON		368	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		723	ug/l	Env. Eng.
2	MANGANESE		89	ug/l	Env. Eng.
0	SODIUM		2110	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		395	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE		8500	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		35.0	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
1	TOTAL PHOSPHATES		781	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		9.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		33	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.05+-0.86	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.

WELL MSB 40D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/26/89 Time 1010
pH = 5.5 Alkalinity = 1 mg/L
Specific Conductance = 33 umhos/cm
Water Temperature = 16.7 degrees Celsius
Water evacuated from the well prior to sampling = 3 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		27.80	UMHC	Env. Eng.
0	PH		5.30	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM		45	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		7	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		2340	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2000	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
1	COPPER		69	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
1	IRON		296	ug/l	Env. Eng.
1	IRON		265	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		366	ug/l	Env. Eng.
2	MANGANESE		53	ug/l	Env. Eng.
0	SODIUM		1770	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		693	ug/l	Env. Eng.
0	LEAD		10	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		22.0	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
1	TOTAL PHOSPHATES		329	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		46	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		3.37+-1.67	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.

WELL MSB 40TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/25/89 Time 1105
Depth to water = 134.53 ft (41.01 m) below the TOC
Water elevation = 186.27 ft (56.78 m) msl
pH = 5.9 Alkalinity = 8 mg/L
Specific Conductance = 33 umhos/cm
Water Temperature = 19.3 degrees Celsius
Water evacuated from the well prior to sampling = 481 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		25.50	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		30.20	UMHC	Env. Eng.
0	PH		5.42	pH	Env. Eng.
0	PH		5.40	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		7	ug/l	Env. Eng.
0	BARIUM		8	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		3610	ug/l	Env. Eng.
0	CALCIUM		4040	ug/l	Env. Eng.

CONTINUED

WELL MSB 40TA COLLECTED ON 03/25/89 LABORATORY ANALYSES CONTINUED

0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2200	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		6	ug/l	Env. Eng.
0	COPPER		4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
2	IRON		545	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		240	ug/l	Env. Eng.
0	MAGNESIUM		256	ug/l	Env. Eng.
2	MANGANESE		91	ug/l	Env. Eng.
2	MANGANESE		96	ug/l	Env. Eng.
0	SODIUM		1620	ug/l	Env. Eng.
0	SODIUM		1800	ug/l	Env. Eng.
0	NICKEL		6	ug/l	Env. Eng.
0	NICKEL		5	ug/l	Env. Eng.
0	NITRATE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	LEAD		6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		12.0	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		20	ug/l	Env. Eng.
0	GROSS ALPHA		0.48+-0.41	pCi/l	Rad. Meas.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.

WELL MSB 41A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/10/89 Time 1130
Depth to water = 108.03 ft (32.93 m) below the TOC
Water elevation = 215.77 ft (65.77 m) msl
pH = 5.9 Alkalinity = 7 mg/L
Specific Conductance = 35 umhos/cm
Water Temperature = 18.3 degrees Celsius
Water evacuated from the well prior to sampling = 381 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
1	TETRACHLOROETHYLENE		1.85	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		3.53	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 41B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/10/89 Time 1210
Depth to water = 108.38 ft (33.03 m) below the TOC
Water elevation = 215.62 ft (65.72 m) msl
pH = 5.0 Alkalinity = 1 mg/L
Specific Conductance = 19 umhos/cm
Water Temperature = 18.5 degrees Celsius
Water evacuated from the well prior to sampling = 281 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		10.2	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		2.96	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 41C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/10/89 Time 1245
Depth to water = 108.03 ft (32.93 m) below the TOC
Water elevation = 216.57 ft (66.01 m) msl
pH = 4.8 Alkalinity = 0 mg/L
Specific Conductance = 27 umhos/cm
Water Temperature = 18.4 degrees Celsius
Water evacuated from the well prior to sampling = 190 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 41D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/10/89 Time 1035
The well was dry.

WELL MSB 41TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/10/89 Time 1225
Depth to water = 119.88 ft (36.54 m) below the TOC
Water elevation = 203.82 ft (62.13 m) msl
pH = 5.2 Alkalinity = 1 mg/L
Specific Conductance = 20 umhos/cm
Water Temperature = 19.0 degrees Celsius
Water evacuated from the well prior to sampling = 494 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 42A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/27/89 Time 1220
Depth to water = 156.39 ft (47.67 m) below the TOC
Water elevation = 220.21 ft (67.12 m) msl
pH = 4.7 Alkalinity = 0 mg/L
Specific Conductance = 25 umhos/cm
Water Temperature = 19.5 degrees Celsius
Water evacuated from the well prior to sampling = 269 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	10	ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		122	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		1110	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	10	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	10	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	10	ug/l	M-Area,SRS

WELL MSB 42B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/27/89 Time 1135
Depth to water = 148.50 ft (45.26 m) below the TOC
Water elevation = 228.00 ft (69.50 m) msl
pH = 4.5 Alkalinity = 0 mg/L
Specific Conductance = 39 umhos/cm
Water Temperature = 19.5 degrees Celsius
Water evacuated from the well prior to sampling = 194 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	5	ug/l	M-Area,SRS
1	TETRACHLOROETHYLENE		3.75	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		238	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	M-Area,SRS

WELL MSB 42C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/27/89 Time 1100
Depth to water = 142.68 ft (43.49 m) below the TOC
Water elevation = 233.82 ft (71.27 m) msl
pH = 5.2 Alkalinity = 2 mg/L
Specific Conductance = 62 umhos/cm
Water Temperature = 19.5 degrees Celsius
Water evacuated from the well prior to sampling = 99 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		6.14	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		30.8	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 42D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/27/89 Time 1030
The well was dry.

WELL MSB 42TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/27/89 Time 1145
Depth to water = 171.67 ft (52.33 m) below the TOC
Water elevation = 205.03 ft (62.49 m) msl
pH = 4.7 Alkalinity = 0 mg/L
Specific Conductance = 26 umhos/cm
Water Temperature = 19.1 degrees Celsius
Water evacuated from the well prior to sampling = 451 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
1	TETRACHLOROETHYLENE		2.05	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		3.45	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 43A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/07/89 Time 1420
Depth to water = 128.70 ft (39.23 m) below the TOC
Water elevation = 229.20 ft (69.86 m) msl
pH = 4.6 Alkalinity = 0 mg/L
Specific Conductance = 26 umhos/cm
Water Temperature = 18.9 degrees Celsius
Water evacuated from the well prior to sampling = 242 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		23.10	UMHC	Env. Eng.
0	PH		5.42	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM		21	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		4	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	CHLORIDE		1400	ug/l	Env. Eng.
0	CHLORIDE		1600	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.

CONTINUED

WELL MSB 43A COLLECTED ON 02/07/89 LABORATORY ANALYSES CONTINUED

0	COPPER	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MANGANESE		6	ug/l	Env. Eng.
0	SODIUM		1510	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1050	ug/l	Env. Eng.
0	LEAD		8	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	TIN	LT	120	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL DISSOLVED SOLIDS		8000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	ZINC		16	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.31+-0.81	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.

WELL MSB 43B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/07/89 Time 1335
Depth to water = 128.50 ft (39.17 m) below the TOC
Water elevation = 229.50 ft (69.95 m) msl
pH = 4.7 Alkalinity = 0 mg/L
Specific Conductance = 24 umhos/cm
Water Temperature = 19.2 degrees Celsius
Water evacuated from the well prior to sampling = 152 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		24.40	UMHC	Env. Eng.
0	PH		5.11	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	20	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	4	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	CHLORIDE		1600	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		5	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MANGANESE		3	ug/l	Env. Eng.
0	SODIUM		1630	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1290	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	TIN	LT	120	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL DISSOLVED SOLIDS		10000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	ZINC		26	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.76+-0.84	pCi/l	Rad. Meas.
0	TOTAL RADIUM		2.22+-0.75	pCi/l	Rad. Meas.

WELL MSB 43D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/07/89 Time 1255
Depth to water = 126.16 ft (38.45 m) below the TOC
Water elevation = 231.34 ft (70.51 m) msl
pH = 4.5 Alkalinity = 0 mg/L
Specific Conductance = 28 umhos/cm
Water Temperature = 19.2 degrees Celsius
Water evacuated from the well prior to sampling = 79 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		24.40	UMHC	Env. Eng.
0	SPECIFIC CONDUCTANCE		22.50	UMHC	Env. Eng.
0	PH		4.74	pH	Env. Eng.
0	PH		4.71	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM		80	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	CHLORIDE		2200	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		11	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MANGANESE		17	ug/l	Env. Eng.
0	SODIUM		1740	ug/l	Env. Eng.
1	NICKEL		20	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		997	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		999	ug/l	Env. Eng.
0	LEAD		20	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	TIN	LT	120	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL DISSOLVED SOLIDS	LT	5000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS	LT	5000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	URANIUM	LT	1000	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	ZINC		17	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.07+-0.79	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.73+-0.50	pCi/l	Rad. Meas.

WELL MSB 43TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/07/89 Time 1405
Depth to water = 157.25 ft (47.93 m) below the TOC
Water elevation = 200.35 ft (61.07 m) msl
pH = 4.5 Alkalinity = 0 mg/L
Specific Conductance = 18 umhos/cm
Water Temperature = 19.1 degrees Celsius
Water evacuated from the well prior to sampling = 444 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 44A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/11/89 Time 925
Depth to water = 159.63 ft (48.66 m) below the TOC
Water elevation = 217.27 ft (66.22 m) msl
pH = 5.1 Alkalinity = 1 mg/L
Specific Conductance = 24 umhos/cm
Water Temperature = 18.8 degrees Celsius
Water evacuated from the well prior to sampling = 253 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		4.29	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 44B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/11/89 Time 910
Depth to water = 151.94 ft (46.31 m) below the TOC
Water elevation = 225.16 ft (68.63 m) msl
pH = 5.1 Alkalinity = 3 mg/L
Specific Conductance = 44 umhos/cm
Water Temperature = 17.9 degrees Celsius
Water evacuated from the well prior to sampling = 178 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 44C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/26/89 Time 1320
Depth to water = 142.33 ft (43.38 m) below the TOC
Water elevation = 235.57 ft (71.80 m) msl
pH = 6.3 Alkalinity = 102 mg/L
Specific Conductance = 275 umhos/cm
Water Temperature = 22.7 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 45A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/19/89 Time 1725
Depth to water = 164.48 ft (50.13 m) below the TOC
Water elevation = 216.62 ft (66.03 m) msl
pH = 5.0 Alkalinity = 6 mg/L
Specific Conductance = 39 umhos/cm
Water Temperature = 18.7 degrees Celsius
Water evacuated from the well prior to sampling = 234 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	10	ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		140	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		854	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	10	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	10	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	10	ug/l	M-Area,SRS

WELL MSB 45B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/19/89 Time 1710
Depth to water = 154.18 ft (46.99 m) below the TOC
Water elevation = 226.92 ft (69.17 m) msl
pH = 4.5 Alkalinity = 0 mg/L
Specific Conductance = 41 umhos/cm
Water Temperature = 18.7 degrees Celsius
Water evacuated from the well prior to sampling = 151 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 45C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/19/89 Time 1640
The well was dry.

WELL MSB 46A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/24/89 Time 1300
Depth to water = 152.11 ft (46.36 m) below the TOC
Water elevation = 220.59 ft (67.24 m) msl
pH = 9.8 Alkalinity = 47 mg/L
Specific Conductance = 175 umhos/cm
Water Temperature = 20.5 degrees Celsius
Water evacuated from the well prior to sampling = 52 gal
The well went dry during purging.

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 46B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/23/89 Time 1820
pH = 5.0 Alkalinity = 1 mg/L
Specific Conductance = 38 umhos/cm
Water Temperature = 19.0 degrees Celsius
Water evacuated from the well prior to sampling = 130 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 46C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/23/89 Time 1800
The well was dry.

WELL MSB 47B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/12/89 Time 1340
Depth to water = 141.94 ft (43.26 m) below the TOC
Water elevation = 227.06 ft (69.21 m) msl
pH = 6.0 Alkalinity = 30 mg/L
Specific Conductance = 115 umhos/cm
Water Temperature = 20.3 degrees Celsius
Water evacuated from the well prior to sampling = 218 gal

LABORATORY ANALYSES

0	BROMODICHLOROMETHANE	LT	50	ug/l	Env. Lab.
0	TRICHLOROFLUOROMETHANE	LT	50	ug/l	Env. Lab.
0	CARBON TETRACHLORIDE	LT	50.0	ug/l	Env. Lab.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	W. A.
0	BROMOFORM	LT	50	ug/l	Env. Lab.
0	CHLOROFORM	LT	50	ug/l	Env. Lab.
0	CHLOROFORM	LT	1	ug/l	W. A.
0	CHLOROFORM	LT	25	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	50	ug/l	Env. Lab.
0	BROMOMETHANE	LT	50	ug/l	Env. Lab.
0	CHLOROMETHANE	LT	50	ug/l	Env. Lab.
0	CHLOROBENZENE	LT	50	ug/l	Env. Lab.
0	CHLOROETHENE	LT	50	ug/l	Env. Lab.
0	CHLOROETHANE	LT	50	ug/l	Env. Lab.
0	BENZENE	LT	50	ug/l	Env. Lab.
0	DBRCML	LT	50	ug/l	Env. Lab.
0	ETHYLBENZENE	LT	50	ug/l	Env. Lab.
0	TOLUENE	LT	50	ug/l	Env. Lab.
0	1,1,2,2-TETRACHLOROETHANE	LT	50	ug/l	Env. Lab.
0	TETRACHLOROETHYLENE	LT	50.0	ug/l	Env. Lab.
2	TETRACHLOROETHYLENE		5.00	ug/l	W. A.
0	TETRACHLOROETHYLENE	LT	25.0	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		1900	ug/l	Env. Lab.
2	TRICHLOROETHYLENE		2400	ug/l	W. A.
2	TRICHLOROETHYLENE		2660	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	50	ug/l	Env. Lab.
0	TRANS-1,2-DICHLOROETHENE	LT	25	ug/l	M-Area,SRS

CONTINUED

WELL MSB 47B COLLECTED ON 03/12/89 LABORATORY ANALYSES CONTINUED

0	XYLENES	LT	50 ug/l	Env. Lab.
0	1,1-DICHLOROETHYLENE	LT	50 ug/l	Env. Lab.
0	1,1-DICHLOROETHYLENE	LT	25 ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	50 ug/l	Env. Lab.
0	1,1,1-TRICHLOROETHANE	LT	50 ug/l	Env. Lab.
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	W. A.
0	1,1,1-TRICHLOROETHANE	LT	25 ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	50 ug/l	Env. Lab.
0	1,2-DICHLOROBENZENE	LT	50 ug/l	Env. Lab.
0	1,2-DICHLOROETHANE	LT	50 ug/l	Env. Lab.
0	1,2-DICHLOROPROPANE	LT	50 ug/l	Env. Lab.
0	1,3-DICHLOROBENZENE	LT	50 ug/l	Env. Lab.
0	CIS-1,3-DICHLOROPROPENE	LT	50 ug/l	Env. Lab.
0	TRANS-1,3-DICHLOROPROPENE	LT	50 ug/l	Env. Lab.
0	1,4-DICHLOROBENZENE	LT	50 ug/l	Env. Lab.
0	2-CHLOROETHYLVINYL ETHER	LT	50 ug/l	Env. Lab.

WELL MSB 47B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/12/89 Time 1340
Depth to water = 141.94 ft (43.26 m) below the TOC
Water elevation = 227.06 ft (69.21 m) msl
pH = 6.0 Alkalinity = 30 mg/L
Specific Conductance = 115 umhos/cm
Water Temperature = 20.3 degrees Celsius
Water evacuated from the well prior to sampling = 218 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	20 ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	20.0 ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		2520 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	20 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	20 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	20 ug/l	M-Area,SRS

WELL MSB 47C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/19/89 Time 1515
Depth to water = 134.65 ft (41.04 m) below the TOC
Water elevation = 234.65 ft (71.52 m) msl
pH = 5.1 Alkalinity = 5 mg/L
Specific Conductance = 50 umhos/cm
Water Temperature = 18.4 degrees Celsius
Water evacuated from the well prior to sampling = 111 gal

LABORATORY ANALYSES

2	CHLOROFORM		1390 ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		2180 ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		15100 ug/l	M-Area,SRS
1	TRANS-1,2-DICHLOROETHENE		1780 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	200 ug/l	M-Area,SRS
2	1,1,1-TRICHLOROETHANE		2030 ug/l	M-Area,SRS

WELL MSB 47D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/19/89 Time 1445
Depth to water = 133.65 ft (40.74 m) below the TOC
Water elevation = 235.55 ft (71.80 m) msl
pH = 4.4 Alkalinity = 0 mg/L
Specific Conductance = 90 umhos/cm
Water Temperature = 18.6 degrees Celsius
Water evacuated from the well prior to sampling = 37 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1 ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00 ug/l	M-Area,SRS
1	TRICHLOROETHYLENE		1.19 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	M-Area,SRS

WELL MSB 47TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/19/89 Time 1625
Depth to water = 151.95 ft (46.31 m) below the TOC
Water elevation = 217.05 ft (66.16 m) msl
pH = 4.4 Alkalinity = 0 mg/L
Specific Conductance = 25 umhos/cm
Water Temperature = 18.7 degrees Celsius
Water evacuated from the well prior to sampling = 447 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	10 ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	10.0 ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		713 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	10 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	10 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	10 ug/l	M-Area,SRS

WELL MSB 48D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/19/89 Time 1805
The well was dry.

WELL MSB 49A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/24/89 Time 1345
Depth to water = 140.30 ft (42.76 m) below the TOC
Water elevation = 195.10 ft (59.47 m) msl
pH = 5.0 Alkalinity = 2 mg/L
Specific Conductance = 28 umhos/cm
Water Temperature = 18.9 degrees Celsius
Water evacuated from the well prior to sampling = 400 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1 ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00 ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	M-Area,SRS

WELL MSB 49B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/07/89 Time 950
Depth to water = 109.95 ft (33.51 m) below the TOC
Water elevation = 224.85 ft (68.54 m) msl
Physical or mechanical failure prevented sample collection.

WELL MSB 49B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/16/89 Time 1200
Depth to water = 130.19 ft (39.68 m) below the TOC
Water elevation = 204.61 ft (62.37 m) msl
pH = 6.0 Alkalinity = 19 mg/L
Specific Conductance = 68 umhos/cm
Water Temperature = 19.4 degrees Celsius
Water evacuated from the well prior to sampling = 260 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	2 ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	2.00 ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		61.7 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	2 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	2 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	2 ug/l	M-Area,SRS

WELL MSB 49D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/07/89 Time 1620
Depth to water = 108.53 ft (33.08 m) below the TOC
Water elevation = 225.67 ft (68.79 m) msl
pH = 6.2 Alkalinity = 19 mg/L
Specific Conductance = 54 umhos/cm
Water Temperature = 17.2 degrees Celsius
Water evacuated from the well prior to sampling = 17 gal
The well went dry during purging.

LABORATORY ANALYSES

0	CHLOROFORM	LT	1 ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00 ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	M-Area,SRS

WELL MSB 50B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/12/89 Time 1530
Depth to water = 21.73 ft (6.62 m) below the TOC
Water elevation = 202.27 ft (61.65 m) msl
pH = 5.8 Alkalinity = 8 mg/L
Specific Conductance = 36 umhos/cm
Water Temperature = 18.9 degrees Celsius
Water evacuated from the well prior to sampling = 150 gal

LABORATORY ANALYSES

0	BROMODICHLOROMETHANE	LT	1 ug/l	Env. Lab.
0	TRICHLOROFLUOROMETHANE	LT	1 ug/l	Env. Lab.
0	CARBON TETRACHLORIDE	LT	1.00 ug/l	Env. Lab.
0	CARBON TETRACHLORIDE	LT	1.00 ug/l	W. A.
0	BROMOFORM	LT	1 ug/l	Env. Lab.
0	CHLOROFORM	LT	1 ug/l	Env. Lab.
0	CHLOROFORM	LT	1 ug/l	W. A.
0	CHLOROFORM	LT	1 ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	1 ug/l	Env. Lab.
0	BROMOMETHANE	LT	1 ug/l	Env. Lab.
0	CHLOROMETHANE	LT	1 ug/l	Env. Lab.
0	CHLOROBENZENE	LT	1 ug/l	Env. Lab.
0	CHLOROETHENE	LT	1 ug/l	Env. Lab.
0	CHLOROETHANE	LT	1 ug/l	Env. Lab.
0	BENZENE	LT	1 ug/l	Env. Lab.
0	DIBROMOCHLOROMETHANE	LT	1 ug/l	Env. Lab.
0	ETHYLBENZENE	LT	1 ug/l	Env. Lab.
0	TOLUENE	LT	1 ug/l	Env. Lab.
0	1,1,2,2-TETRACHLOROETHANE	LT	1 ug/l	Env. Lab.
2	TETRACHLOROETHYLENE		13.0 ug/l	Env. Lab.
2	TETRACHLOROETHYLENE		15.0 ug/l	W. A.
2	TETRACHLOROETHYLENE		22.1 ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		26.0 ug/l	Env. Lab.
2	TRICHLOROETHYLENE		50.0 ug/l	W. A.
2	TRICHLOROETHYLENE		39.0 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 ug/l	Env. Lab.
0	TRANS-1,2-DICHLOROETHENE	LT	1 ug/l	M-Area,SRS
0	XYLENES	LT	1 ug/l	Env. Lab.
0	1,1-DICHLOROETHYLENE	LT	1 ug/l	Env. Lab.
0	1,1-DICHLOROETHYLENE	LT	1 ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	1 ug/l	Env. Lab.
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	Env. Lab.
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	W. A.
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	1 ug/l	Env. Lab.
0	1,2-DICHLOROBENZENE	LT	1 ug/l	Env. Lab.
0	1,2-DICHLOROETHANE	LT	1 ug/l	Env. Lab.
0	1,2-DICHLOROPROPANE	LT	1 ug/l	Env. Lab.
0	1,3-DICHLOROBENZENE	LT	1 ug/l	Env. Lab.
0	CIS-1,3-DICHLOROPROPENE	LT	1 ug/l	Env. Lab.
0	TRANS-1,3-DICHLOROPROPENE	LT	1 ug/l	Env. Lab.
0	1,4-DICHLOROBENZENE	LT	1 ug/l	Env. Lab.
0	2-CHLOROETHYLVINYL ETHER	LT	1 ug/l	Env. Lab.

WELL MSB 50B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/12/89 Time 1530
Depth to water = 21.73 ft (6.62 m) below the TOC
Water elevation = 202.27 ft (61.65 m) msl
pH = 5.8 Alkalinity = 8 mg/L
Specific Conductance = 36 umhos/cm
Water Temperature = 18.9 degrees Celsius
Water evacuated from the well prior to sampling = 150 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1 ug/l	M-Area,SRS
1	TETRACHLOROETHYLENE		4.60 ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		17.5 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	M-Area,SRS

WELL MSB 50D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/09/89 Time 930
Depth to water = 21.19 ft (6.46 m) below the TOC
Water elevation = 202.31 ft (61.66 m) msl
pH = 5.0 Alkalinity = 3 mg/L
Specific Conductance = 64 umhos/cm
Water Temperature = 18.0 degrees Celsius
Water evacuated from the well prior to sampling = 42 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1 ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00 ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	M-Area,SRS

WELL MSB 51B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/09/89 Time 905
Depth to water = 59.70 ft (18.20 m) below the TOC
Water elevation = 203.80 ft (62.12 m) msl
pH = 6.0 Alkalinity = 15 mg/L
Specific Conductance = 57 umhos/cm
Water Temperature = 17.8 degrees Celsius
Water evacuated from the well prior to sampling = 142 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1 ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00 ug/l	M-Area,SRS
1	TRICHLOROETHYLENE		1.31 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	M-Area,SRS

WELL MSB 51D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/09/89 Time 1725
Depth to water = 52.78 ft (16.09 m) below the TOC
Water elevation = 209.72 ft (63.92 m) msl
pH = 4.5 Alkalinity = 0 mg/L
Specific Conductance = 18 umhos/cm
Water Temperature = 17.1 degrees Celsius
Water evacuated from the well prior to sampling = 13 gal
The well went dry during purging.

LABORATORY ANALYSES

0	CHLOROFORM	LT	1 ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00 ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		5.18 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	M-Area,SRS

WELL MSB 52B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/07/89 Time 925
Depth to water = 104.23 ft (31.77 m) below the TOC
Water elevation = 217.67 ft (66.35 m) msl
pH = 10.4 Alkalinity = 43 mg/L
Specific Conductance = 100 umhos/cm
Water Temperature = 17.4 degrees Celsius
Water evacuated from the well prior to sampling = 413 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1 ug/l	M-Area,SRS
1	TETRACHLOROETHYLENE		2.68 ug/l	M-Area,SRS
1	TRICHLOROETHYLENE		1.28 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	M-Area,SRS

WELL MSB 52D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/07/89 Time 1710
Depth to water = 85.10 ft (25.94 m) below the TOC
Water elevation = 236.70 ft (72.15 m) msl
pH = 6.4 Alkalinity = 27 mg/L
Specific Conductance = 84 umhos/cm
Water Temperature = 14.8 degrees Celsius
Water evacuated from the well prior to sampling = 2 gal
The well went dry during purging.

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 53B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/29/89 Time 1900
Depth to water = 123.75 ft (37.72 m) below the TOC
Water elevation = 220.85 ft (67.32 m) msl
pH = 5.6 Alkalinity = 7 mg/L
Specific Conductance = 27 umhos/cm
Water Temperature = 18.4 degrees Celsius
Water evacuated from the well prior to sampling = 249 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 53C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/22/89 Time 1730
Depth to water = 123.23 ft (37.56 m) below the TOC
Water elevation = 222.27 ft (67.75 m) msl
pH = 5.1 Alkalinity = 2 mg/L
Specific Conductance = 21 umhos/cm
Water Temperature = 18.2 degrees Celsius
Water evacuated from the well prior to sampling = 103 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 53D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/22/89 Time 1715
Depth to water = 112.32 ft (34.24 m) below the TOC
Water elevation = 232.78 ft (70.95 m) msl
pH = 4.6 Alkalinity = 0 mg/L
Specific Conductance = 23 umhos/cm
Water Temperature = 18.0 degrees Celsius
Water evacuated from the well prior to sampling = 22 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
1	TRICHLOROETHYLENE		2.06	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 54B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/20/89 Time 1020
Depth to water = 150.85 ft (45.98 m) below the TOC
Water elevation = 222.85 ft (67.93 m) msl
pH = 5.9 Alkalinity = 9 mg/L
Specific Conductance = 37 umhos/cm
Water Temperature = 18.0 degrees Celsius
Water evacuated from the well prior to sampling = 253 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 54C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/20/89 Time 935
Depth to water = 146.25 ft (44.58 m) below the TOC
Water elevation = 227.45 ft (69.33 m) msl
pH = 10.9 Alkalinity = 59 mg/L
Specific Conductance = 169 umhos/cm
Water Temperature = 18.5 degrees Celsius
Water evacuated from the well prior to sampling = 407 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 54D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/20/89 Time 825
Depth to water = 137.35 ft (41.86 m) below the TOC
Water elevation = 236.65 ft (72.13 m) msl
pH = 4.7 Alkalinity = 0 mg/L
Specific Conductance = 25 umhos/cm
Water Temperature = 17.9 degrees Celsius
Water evacuated from the well prior to sampling = 32 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 54TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/20/89 Time 1100
Depth to water = 153.85 ft (46.89 m) below the TOC
Water elevation = 219.95 ft (67.04 m) msl
pH = 6.8 Alkalinity = 17 mg/L
Specific Conductance = 52 umhos/cm
Water Temperature = 18.5 degrees Celsius
Water evacuated from the well prior to sampling = 614 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 55D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/10/89 Time 835
Depth to water = 134.03 ft (40.85 m) below the TOC
Water elevation = 234.37 ft (71.44 m) msl
pH = 5.3 Alkalinity = 2 mg/L
Specific Conductance = 31 umhos/cm
Water Temperature = 17.7 degrees Celsius
Water evacuated from the well prior to sampling = 23 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1 ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00 ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	M-Area,SRS

WELL MSB 56D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/20/89 Time 1120
Depth to water = 59.15 ft (18.03 m) below the TOC
Water elevation = 220.65 ft (67.25 m) msl
pH = 4.5 Alkalinity = 0 mg/L
Specific Conductance = 20 umhos/cm
Water Temperature = 17.2 degrees Celsius
Water evacuated from the well prior to sampling = 22 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1 ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00 ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	M-Area,SRS

WELL MSB 61C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/22/89 Time 1625
Depth to water = 95.27 ft (29.04 m) below the TOC
Water elevation = 222.33 ft (67.77 m) msl
pH = 4.8 Alkalinity = 0 mg/L
Specific Conductance = 27 umhos/cm
Water Temperature = 16.9 degrees Celsius
Water evacuated from the well prior to sampling = 139 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1 ug/l	M-Area,SRS
1	TETRACHLOROETHYLENE		3.10 ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		3.79 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	M-Area,SRS

WELL MSB 61D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/22/89 Time 1745
Depth to water = 93.74 ft (28.57 m) below the TOC
Water elevation = 224.36 ft (68.39 m) msl
pH = 4.9 Alkalinity = 1 mg/L
Specific Conductance = 21 umhos/cm
Water Temperature = 16.6 degrees Celsius
Water evacuated from the well prior to sampling = 8 gal
The well went dry during purging.

LABORATORY ANALYSES

0	CHLOROFORM	LT	1 ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00 ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	M-Area,SRS

WELL MSB 65D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/25/89 Time 1055
Depth to water = 115.96 ft (35.35 m) below the TOC
Water elevation = 233.54 ft (71.18 m) msl
pH = 5.1 Alkalinity = 1 mg/L
Specific Conductance = 32 umhos/cm
Water Temperature = 20.2 degrees Celsius
Water evacuated from the well prior to sampling = 36 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	5 ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	5.00 ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	5.00 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	5 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	5 ug/l	M-Area,SRS

WELL MSB 66B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/30/89 Time 945
Depth to water = 164.91 ft (50.27 m) below the TOC
Water elevation = 218.59 ft (66.63 m) msl
pH = 10.4 Alkalinity = 70 mg/L
Specific Conductance = 168 umhos/cm
Water Temperature = 20.0 degrees Celsius
Water evacuated from the well prior to sampling = 519 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	10 ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		13.1 ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		32.6 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	10 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	10 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	10 ug/l	M-Area,SRS

WELL MSB 66C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/30/89 Time 810
Depth to water = 154.07 ft (46.96 m) below the TOC
Water elevation = 229.43 ft (69.93 m) msl
pH = 5.8 Alkalinity = 5 mg/L
Specific Conductance = 42 umhos/cm
Water Temperature = 20.1 degrees Celsius
Water evacuated from the well prior to sampling = 331 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	5 ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		23.3 ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		97.2 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	5 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	5 ug/l	M-Area,SRS

WELL MSB 66TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/30/89 Time 840
Depth to water = 178.46 ft (54.40 m) below the TOC
Water elevation = 204.34 ft (62.28 m) msl
pH = 6.0 Alkalinity = 8 mg/L
Specific Conductance = 39 umhos/cm
Water Temperature = 19.5 degrees Celsius
Water evacuated from the well prior to sampling = 565 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1 ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00 ug/l	M-Area,SRS
1	TRICHLOROETHYLENE		1.81 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	M-Area,SRS

WELL MSB 67B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/25/89 Time 1810
Depth to water = 158.95 ft (48.45 m) below the TOC
Water elevation = 206.15 ft (62.84 m) msl
pH = 6.5 Alkalinity = 20 mg/L
Specific Conductance = 59 umhos/cm
Water Temperature = 19.6 degrees Celsius
Water evacuated from the well prior to sampling = 297 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		20.3	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 67C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/25/89 Time 1845
Depth to water = 137.52 ft (41.92 m) below the TOC
Water elevation = 227.28 ft (69.28 m) msl
pH = 6.5 Alkalinity = 23 mg/L
Specific Conductance = 80 umhos/cm
Water Temperature = 19.2 degrees Celsius
Water evacuated from the well prior to sampling = 224 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	5	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		75.9	ug/l	M-Area,SRS
1	TRANS-1,2-DICHLOROETHENE		6	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	M-Area,SRS

WELL MSB 67D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/25/89 Time 1805
Depth to water = 131.72 ft (40.15 m) below the TOC
Water elevation = 233.28 ft (71.10 m) msl
pH = 6.3 Alkalinity = 39 mg/L
Specific Conductance = 173 umhos/cm
Water Temperature = 20.7 degrees Celsius
Water evacuated from the well prior to sampling = 48 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	10	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	10.0	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		1580	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	10	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	10	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	10	ug/l	M-Area,SRS

WELL MSB 68B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/25/89 Time 1655
Depth to water = 139.84 ft (42.62 m) below the TOC
Water elevation = 217.06 ft (66.16 m) msl
pH = 5.3 Alkalinity = 2 mg/L
Specific Conductance = 27 umhos/cm
Water Temperature = 19.5 degrees Celsius
Water evacuated from the well prior to sampling = 232 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		35.2	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		123	ug/l	M-Area,SRS
1	TRANS-1,2-DICHLOROETHENE		6	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 68C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/25/89 Time 1625
Depth to water = 130.66 ft (39.83 m) below the TOC
Water elevation = 226.04 ft (68.90 m) msl
pH = 5.5 Alkalinity = 4 mg/L
Specific Conductance = 34 umhos/cm
Water Temperature = 19.8 degrees Celsius
Water evacuated from the well prior to sampling = 169 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	10	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	10.0	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		819	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	10	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	10	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	10	ug/l	M-Area,SRS

WELL MSB 68D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/25/89 Time 1550
Depth to water = 123.28 ft (37.58 m) below the TOC
Water elevation = 233.72 ft (71.24 m) msl
pH = 5.3 Alkalinity = 6 mg/L
Specific Conductance = 62 umhos/cm
Water Temperature = 19.4 degrees Celsius
Water evacuated from the well prior to sampling = 45 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	100	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	100	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		10700	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	100	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	100	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	100	ug/l	M-Area,SRS

WELL MSB 69B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/26/89 Time 1515
Depth to water = 161.94 ft (49.36 m) below the TOC
Water elevation = 219.76 ft (66.98 m) msl
pH = 5.8 Alkalinity = 9 mg/L
Specific Conductance = 38 umhos/cm
Water Temperature = 20.0 degrees Celsius
Water evacuated from the well prior to sampling = 261 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 69C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/26/89 Time 1710
Depth to water = 154.15 ft (46.99 m) below the TOC
Water elevation = 227.65 ft (69.39 m) msl
pH = 10.1 Alkalinity = 53 mg/L
Specific Conductance = 194 umhos/cm
Water Temperature = 20.1 degrees Celsius
Water evacuated from the well prior to sampling = 32 gal
The well went dry during purging.

LABORATORY ANALYSES

0	CHLOROFORM	LT	5	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		254	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	M-Area,SRS

WELL MSB 69D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/26/89 Time 1425
Depth to water = 148.65 ft (45.31 m) below the TOC
Water elevation = 233.55 ft (71.19 m) msl
pH = 5.2 Alkalinity = 3 mg/L
Specific Conductance = 30 umhos/cm
Water Temperature = 19.1 degrees Celsius
Water evacuated from the well prior to sampling = 60 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 69TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/26/89 Time 1655
Depth to water = 168.60 ft (51.39 m) below the TOC
Water elevation = 212.90 ft (64.89 m) msl
pH = 10.9 Alkalinity = 106 mg/L
Specific Conductance = 413 umhos/cm
Water Temperature = 21.3 degrees Celsius
Water evacuated from the well prior to sampling = 40 gal
The well went dry during purging.

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 70C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/24/89 Time 1130
Depth to water = 144.45 ft (44.03 m) below the TOC
Water elevation = 217.75 ft (66.37 m) msl
pH = 6.2 Alkalinity = 15 mg/L
Specific Conductance = 171 umhos/cm
Water Temperature = 18.0 degrees Celsius
Water evacuated from the well prior to sampling = 199 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	5	ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		621	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		52.1	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	M-Area,SRS
1	1,1,1-TRICHLOROETHANE		25	ug/l	M-Area,SRS

WELL MSB 71B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/24/89 Time 1800
Depth to water = 127.85 ft (38.97 m) below the TOC
Water elevation = 217.25 ft (66.22 m) msl
pH = 9.8 Alkalinity = 88 mg/L
Specific Conductance = 242 umhos/cm
Water Temperature = 18.1 degrees Celsius
Water evacuated from the well prior to sampling = 44 gal
The well went dry during purging.

LABORATORY ANALYSES

0	CHLOROFORM	LT	5	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	5.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	M-Area,SRS

WELL MSB 72B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/25/89 Time 1340
Depth to water = 130.21 ft (39.69 m) below the TOC
Water elevation = 197.99 ft (60.35 m) msl
pH = 5.3 Alkalinity = 5 mg/L
Specific Conductance = 26 umhos/cm
Water Temperature = 19.4 degrees Celsius
Water evacuated from the well prior to sampling = 153 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL MSB 73B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/24/89 Time 1740
Depth to water = 139.51 ft (42.52 m) below the TOC
Water elevation = 200.89 ft (61.23 m) msl
pH = 4.9 Alkalinity = 1 mg/L
Specific Conductance = 43 umhos/cm
Water Temperature = 18.8 degrees Celsius
Water evacuated from the well prior to sampling = 181 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		4.11	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL NBG 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/25/89 Time 1520
Depth to water = 88.09 ft (26.85 m) below the TOC
Water elevation = 223.41 ft (68.10 m) msl
pH = 5.0 Alkalinity = 4 mg/L
Specific Conductance = 136 umhos/cm
Water Temperature = 19.7 degrees Celsius
Water evacuated from the well prior to sampling = 7 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		134.0	UMHO	Env. Eng.
0	PH		5.21	pH	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CALCIUM		6890	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
1	CHLOROFORM		1	ug/l	Env. Eng.
0	IRON		23	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MANGANESE		23	ug/l	Env. Eng.
1	SODIUM		13400	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		12100	ug/l	Env. Eng.
2	LEAD		28	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		2.78	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		118	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		105	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		156	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	GROSS ALPHA		2.61+-2.99	pCi/l	HP, 735A
0	GROSS ALPHA		4.77+-1.31	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		29.30+-2.87	pCi/l	HP, 735A
1	NONVOLATILE BETA		23.38+-1.87	pCi/l	Rad. Meas.
2	TRITIUM		589+-11.9	pCi/ml	HP, 735A
2	TRITIUM		623+-4.10	pCi/ml	Rad. Meas.

WELL NBG 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/25/89 Time 1540
Depth to water = 88.77 ft (27.06 m) below the TOC
Water elevation = 223.93 ft (68.25 m) msl
pH = 4.8 Alkalinity = 0 mg/L
Specific Conductance = 609 umhos/cm
Water Temperature = 19.6 degrees Celsius
Water evacuated from the well prior to sampling = 15 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		560.0	UMHO	Env. Eng.
0	PH		4.76	pH	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	CALCIUM		20500	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.

CONTINUED

WELL NBG 2 COLLECTED ON 02/25/89 LABORATORY ANALYSES CONTINUED

2	IRON		699	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
2	MANGANESE		72	ug/l	Env. Eng.
1	SODIUM		76700	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		71800	ug/l	Env. Eng.
2	LEAD		49	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		6.26	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		73	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		169	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		74.1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
1	GROSS ALPHA		14.60+-18.2	pCi/l	HP, 735A
1	GROSS ALPHA		7.90+-3.63	pCi/l	Rad. Meas.
0	GROSS ALPHA		4.53+-3.12	pCi/l	Rad. Meas.
2	NONVOLATILE BETA		66.30+-10.5	pCi/l	HP, 735A
1	NONVOLATILE BETA		42.28+-4.01	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		47.42+-4.26	pCi/l	Rad. Meas.
2	TRITIUM		1730+-34.7	pCi/ml	HP, 735A
2	TRITIUM		1815+-7.49	pCi/ml	Rad. Meas.
2	TRITIUM		1813+-7.75	pCi/ml	Rad. Meas.

WELL NBG 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/21/89 Time 930
Depth to water = 97.28 ft (29.65 m) below the TOC
Water elevation = 215.12 ft (65.57 m) msl
pH = 6.7 Alkalinity = 43 mg/L
Specific Conductance = 113 umhos/cm
Water Temperature = 20.5 degrees Celsius
Water evacuated from the well prior to sampling = 7 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		111.0	UMHC	Env. Eng.
0	PH		6.40	pH	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	CALCIUM		17100	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	IRON		36	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MANGANESE		4	ug/l	Env. Eng.
0	SODIUM		2310	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1640	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		2.44	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		116	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		14.0	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	GROSS ALPHA		0.83+-0.54	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.59+-0.93	pCi/l	Rad. Meas.
0	TRITIUM		8.19+-0.33	pCi/ml	Rad. Meas.

WELL NBG 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/21/89 Time 910
Depth to water = 91.96 ft (28.03 m) below the TOC
Water elevation = 214.54 ft (65.39 m) msl
pH = 5.5 Alkalinity = 2 mg/L
Specific Conductance = 29 umhos/cm
Water Temperature = 19.7 degrees Celsius
Water evacuated from the well prior to sampling = 8 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		43.00	UMHC	Env. Eng.
0	PH		5.58	pH	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CALCIUM		2620	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	IRON		26	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MANGANESE		4	ug/l	Env. Eng.
0	SODIUM		1690	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1330	ug/l	Env. Eng.
0	LEAD		10	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		7	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		190	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		4.60	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	GROSS ALPHA		0.93+-0.63	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.48+-0.83	pCi/l	Rad. Meas.
0	TRITIUM		7.09+-0.33	pCi/ml	Rad. Meas.

WELL NBG 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/21/89 Time 850
Depth to water = 88.63 ft (27.01 m) below the TOC
Water elevation = 214.87 ft (65.49 m) msl
pH = 5.9 Alkalinity = 6 mg/L
Specific Conductance = 40 umhos/cm
Water Temperature = 19.9 degrees Celsius
Water evacuated from the well prior to sampling = 17 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		46.50	UMHC	Env. Eng.
0	PH		5.79	pH	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CALCIUM		3530	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	IRON		57	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MANGANESE		4	ug/l	Env. Eng.
0	SODIUM		1760	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1220	ug/l	Env. Eng.
0	LEAD		19	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		1.36	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		20	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		54	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		59	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		6.91	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	GROSS ALPHA		1.42+-0.60	pCi/l	Rad. Meas.
0	GROSS ALPHA		1.58+-0.78	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.71+-0.89	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.22+-0.79	pCi/l	Rad. Meas.
0	TRITIUM		9.60+-0.36	pCi/ml	Rad. Meas.
0	TRITIUM		9.71+-0.36	pCi/ml	Rad. Meas.

WELL PAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/29/89 Time 945
Depth to water = 13.92 ft (4.24 m) below the TOC
Water elevation = 281.58 ft (85.95 m) msl
pH = 5.0 Alkalinity = 1 mg/L
Specific Conductance = 39 umhos/cm
Water Temperature = 18.3 degrees Celsius
Water evacuated from the well prior to sampling = 73 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		49.60	UMHC	Env. Eng.
0	PH		5.13	pH	Env. Eng.
0	TURBIDITY		5	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		28	ug/l	Env. Eng.
0	CALCIUM		798	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLORIDE		4700	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
2	IRON		463	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MANGANESE		7	ug/l	Env. Eng.
1	SODIUM		5450	ug/l	Env. Eng.
0	NICKEL		6	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1010	ug/l	Env. Eng.
0	LEAD		9	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		50000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		20	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.79+-0.94	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
1	TRITIUM		12.40+-0.39	pCi/ml	Rad. Meas.

WELL PAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/29/89 Time 1130
Depth to water = 16.93 ft (5.16 m) below the TOC
Water elevation = 267.87 ft (81.65 m) msl
pH = 5.2 Alkalinity = 2 mg/L
Specific Conductance = 57 umhos/cm
Water Temperature = 18.1 degrees Celsius
Water evacuated from the well prior to sampling = 52 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		61.60	UMHC	Env. Eng.
0	PH		5.53	pH	Env. Eng.
0	TURBIDITY		52	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.

CONTINUED

WELL PAC 2 COLLECTED ON 01/29/89 LABORATORY ANALYSES CONTINUED

0	BARIUM		50	ug/l	Env. Eng.
0	CALCIUM		3060	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLORIDE		3800	ug/l	Env. Eng.
0	CHLORIDE		3800	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
2	IRON		9310	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
1	MANGANESE		28	ug/l	Env. Eng.
0	SODIUM		4030	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		56	ug/l	Env. Eng.
0	LEAD		16	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SULFATE		10300	ug/l	Env. Eng.
1	SULFATE		10300	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		56000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		7	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		40	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		3.30+-0.97	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.56+-0.92	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		0.51+-0.22	pCi/ml	Rad. Meas.
0	TRITIUM		0.72+-0.22	pCi/ml	Rad. Meas.

WELL PAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/29/89 Time 1105
Depth to water = 21.71 ft (6.62 m) below the TOC
Water elevation = 268.19 ft (81.75 m) msl
pH = 5.1 Alkalinity = 2 mg/L
Specific Conductance = 304 umhos/cm
Water Temperature = 19.4 degrees Celsius
Water evacuated from the well prior to sampling = 40 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		315.0	UMHC	Env. Eng.
0	PH		5.20	pH	Env. Eng.
0	TURBIDITY		2	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		68	ug/l	Env. Eng.
0	CALCIUM		5190	ug/l	Env. Eng.
0	CALCIUM		5630	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
1	CHLORIDE		21400	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	FLUORIDE		220	ug/l	Env. Eng.
2	IRON		801	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
1	MANGANESE		43	ug/l	Env. Eng.
1	SODIUM		34000	ug/l	Env. Eng.
1	NICKEL		23	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1190	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1210	ug/l	Env. Eng.
0	LEAD		10	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SULFATE		91300	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		206000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		7	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	GROSS ALPHA		2.49+-1.46	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		3.41+-1.34	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
1	TRITIUM		10.20+-0.36	pCi/ml	Rad. Meas.

WELL PAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/29/89 Time 1010
Depth to water = 9.30 ft (2.83 m) below the TOC
Water elevation = 282.30 ft (86.05 m) msl
pH = 5.2 Alkalinity = 6 mg/L
Specific Conductance = 182 umhos/cm
Water Temperature = 17.5 degrees Celsius
Water evacuated from the well prior to sampling = 82 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		209.0	UMHC	Env. Eng.
0	PH		5.35	pH	Env. Eng.
0	TURBIDITY		37	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		40	ug/l	Env. Eng.
0	CALCIUM		329	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLORIDE		7100	ug/l	Env. Eng.
1	CHROMIUM		23	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
2	IRON		5860	ug/l	Env. Eng.

CONTINUED

WELL PAC 4 COLLECTED ON 01/29/89 LABORATORY ANALYSES CONTINUED

0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MANGANESE		25	ug/l	Env. Eng.
1	SODIUM		32000	ug/l	Env. Eng.
1	NICKEL		10	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		883	ug/l	Env. Eng.
0	LEAD		7	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
1	SELENIUM		4	ug/l	Env. Eng.
1	SULFATE		61400	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		158000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		40	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		40	ug/l	Env. Eng.
0	GROSS ALPHA		1.20+-0.87	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.78+-0.89	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.46+-0.38	pCi/l	Rad. Meas.
0	TRITIUM		8.87+-0.35	pCi/ml	Rad. Meas.

WELL PAC 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/29/89 Time 1050
Depth to water = 20.27 ft (6.18 m) below the TOC
Water elevation = 269.03 ft (82.00 m) msl
pH = 7.4 Alkalinity = 217 mg/L
Specific Conductance = 555 umhos/cm
Water Temperature = 17.4 degrees Celsius
Water evacuated from the well prior to sampling = 8 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		628.0	UMHC	Env. Eng.
1	SPECIFIC CONDUCTANCE		630.0	UMHC	Env. Eng.
1	PH		7.31	pH	Env. Eng.
1	PH		7.39	pH	Env. Eng.
0	TURBIDITY		23	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		46	ug/l	Env. Eng.
0	BARIUM		48	ug/l	Env. Eng.
1	CALCIUM		39800	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
1	CHLORIDE		11800	ug/l	Env. Eng.
1	CHROMIUM		13	ug/l	Env. Eng.
1	CHROMIUM		12	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
2	IRON		1000	ug/l	Env. Eng.
2	IRON		1080	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
2	MANGANESE		58	ug/l	Env. Eng.
2	MANGANESE		62	ug/l	Env. Eng.
1	SODIUM		57600	ug/l	Env. Eng.
1	SODIUM		58200	ug/l	Env. Eng.
1	NICKEL		11	ug/l	Env. Eng.
0	NICKEL		8	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		320	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SULFATE		74900	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		364000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		3300	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		40	ug/l	Env. Eng.
0	GROSS ALPHA		3.00+-2.79	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		6.31+-2.23	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.42+-0.36	pCi/l	Rad. Meas.
1	TRITIUM		13.00+-0.39	pCi/ml	Rad. Meas.

WELL PAC 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/29/89 Time 1030
Depth to water = 19.04 ft (5.80 m) below the TOC
Water elevation = 270.36 ft (82.41 m) msl
pH = 7.1 Alkalinity = 118 mg/L
Specific Conductance = 303 umhos/cm
Water Temperature = 16.9 degrees Celsius
Water evacuated from the well prior to sampling = 9 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		360.0	UMHC	Env. Eng.
1	PH		6.97	pH	Env. Eng.
0	TURBIDITY		16	NTU	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		30	ug/l	Env. Eng.
1	CALCIUM		21800	ug/l	Env. Eng.
1	CALCIUM		22600	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLORIDE		8800	ug/l	Env. Eng.
1	CHROMIUM		22	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
2	IRON		1550	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.

CONTINUED

WELL PAC 6 COLLECTED ON 01/29/89 LABORATORY ANALYSES CONTINUED

2	MANGANESE		200	ug/l	Env. Eng.
1	SODIUM		82800	ug/l	Env. Eng.
1	NICKEL		24	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		59	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SULFATE		37600	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		222000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1600	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		10	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		8	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		60	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		4.27+-1.11	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		6.62+-0.32	pCi/ml	Rad. Meas.

WELL PCB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/29/89 Time 1220
Depth to water = 28.17 ft (8.59 m) below the TOC
Water elevation = 277.33 ft (84.53 m) msl
pH = 4.8 Alkalinity = 1 mg/L
Specific Conductance = 82 umhos/cm
Water Temperature = 20.5 degrees Celsius
Water evacuated from the well prior to sampling = 36 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		96.90	UMHC	Env. Eng.
0	PH		5.29	pH	Env. Eng.
0	BERYLLIUM	LT	5	ug/l	Env. Eng.
0	CALCIUM		2200	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
2	IRON		1450	ug/l	Env. Eng.
0	MAGNESIUM		1280	ug/l	Env. Eng.
2	MANGANESE		331	ug/l	Env. Eng.
1	SODIUM		6900	ug/l	Env. Eng.
0	NICKEL		5	ug/l	Env. Eng.
0	LEAD		7	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SULFATE		17800	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1100	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1100	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	ZINC		8	ug/l	Env. Eng.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
1	TRITIUM		12.37+-0.38	pCi/ml	Rad. Meas.

WELL PCB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/29/89 Time 1200
Depth to water = 28.70 ft (8.75 m) below the TOC
Water elevation = 276.20 ft (84.19 m) msl
pH = 4.5 Alkalinity = 0 mg/L
Specific Conductance = 57 umhos/cm
Water Temperature = 19.9 degrees Celsius
Water evacuated from the well prior to sampling = 48 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		59.30	UMHC	Env. Eng.
0	PH		4.91	pH	Env. Eng.
0	BERYLLIUM	LT	5	ug/l	Env. Eng.
0	BERYLLIUM	LT	5	ug/l	Env. Eng.
0	CALCIUM		1240	ug/l	Env. Eng.
0	CALCIUM		1260	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER		4	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		116	ug/l	Env. Eng.
0	IRON		126	ug/l	Env. Eng.
0	MAGNESIUM		91	ug/l	Env. Eng.
0	MAGNESIUM		94	ug/l	Env. Eng.
0	MANGANESE		10	ug/l	Env. Eng.
0	MANGANESE		10	ug/l	Env. Eng.
1	SODIUM		8100	ug/l	Env. Eng.
1	SODIUM		8200	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1800	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	ZINC		19	ug/l	Env. Eng.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
1	TRITIUM		14.28+-0.40	pCi/ml	Rad. Meas.

WELL PCB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/29/89 Time 1300
Depth to water = 27.28 ft (8.32 m) below the TOC
Water elevation = 277.32 ft (84.53 m) msl
pH = 3.3 Alkalinity = 0 mg/L
Specific Conductance = 1489 umhos/cm
Water Temperature = 21.8 degrees Celsius
Water evacuated from the well prior to sampling = 38 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		1360	UMHC	Env. Eng.
1	PH		3.57	pH	Env. Eng.
1	BERYLLIUM		15	ug/l	Env. Eng.
1	CALCIUM		74200	ug/l	Env. Eng.
2	CADMIUM		11	ug/l	Env. Eng.
1	CHROMIUM		19	ug/l	Env. Eng.
1	COPPER		474	ug/l	Env. Eng.
1	FLUORIDE		1010	ug/l	Env. Eng.
2	IRON		1050	ug/l	Env. Eng.
1	MAGNESIUM		27100	ug/l	Env. Eng.
2	MANGANESE		3630	ug/l	Env. Eng.
0	SODIUM		3210	ug/l	Env. Eng.
2	NICKEL		466	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
1	SELENIUM		5	ug/l	Env. Eng.
2	SULFATE		1299000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		2100	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		10	ug/l	Env. Eng.
1	ZINC		1790	ug/l	Env. Eng.
0	TOTAL RADIUM		1.94+-0.67	pCi/l	Rad. Meas.
0	TRITIUM		7.04+-0.31	pCi/ml	Rad. Meas.

WELL PCB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/29/89 Time 1240
Depth to water = 32.74 ft (9.98 m) below the TOC
Water elevation = 276.86 ft (84.39 m) msl
pH = 3.9 Alkalinity = 0 mg/L
Specific Conductance = 91 umhos/cm
Water Temperature = 20.5 degrees Celsius
Water evacuated from the well prior to sampling = 36 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		100.0	UMHC	Env. Eng.
0	PH		4.31	pH	Env. Eng.
0	BERYLLIUM	LT	5	ug/l	Env. Eng.
0	CALCIUM		2010	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
1	COPPER		69	ug/l	Env. Eng.
0	FLUORIDE		130	ug/l	Env. Eng.
0	IRON		68	ug/l	Env. Eng.
0	MAGNESIUM		768	ug/l	Env. Eng.
2	MANGANESE		76	ug/l	Env. Eng.
1	SODIUM		7250	ug/l	Env. Eng.
1	NICKEL		10	ug/l	Env. Eng.
0	LEAD		16	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SULFATE		20300	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1300	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		7	ug/l	Env. Eng.
0	ZINC		27	ug/l	Env. Eng.
0	ZINC		25	ug/l	Env. Eng.
0	TOTAL RADIUM		1.26+-0.55	pCi/l	Rad. Meas.
1	TRITIUM		19.00+-0.48	pCi/ml	Rad. Meas.

WELL PCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/03/89 Time 1435
Depth to water = 44.51 ft (13.57 m) below the TOC
Water elevation = 274.99 ft (83.82 m) msl
pH = 5.1 Alkalinity = 4 mg/L
Specific Conductance = 68 umhos/cm
Water Temperature = 21.3 degrees Celsius
Water evacuated from the well prior to sampling = 71 gal

LABORATORY ANALYSES

0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CALCIUM		6070	ug/l	Env. Eng.
0	MANGANESE		8	ug/l	Env. Eng.
0	SODIUM		3160	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		2370	ug/l	Env. Eng.
2	LEAD		26	ug/l	Env. Eng.
0	GROSS ALPHA		2.45+-3.71	pCi/l	HP. 735A
0	NONVOLATILE BETA		4.20+-0.98	pCi/l	HP. 735A
0	TOTAL RADIUM		0.91+-0.54	pCi/l	Rad. Meas.
2	TRITIUM		199+-4.09	pCi/ml	HP. 735A
2	TRITIUM		199+-2.33	pCi/ml	Rad. Meas.

WELL PDB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/03/89 Time 1550
Depth to water = 44.58 ft (13.59 m) below the TOC
Water elevation = 274.92 ft (83.80 m) msl
pH = 5.0 Alkalinity = 2 mg/L
Specific Conductance = 57 umhos/cm
Water Temperature = 21.2 degrees Celsius
Water evacuated from the well prior to sampling = 70 gal

LABORATORY ANALYSES

0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CALCIUM		2210	ug/l	Env. Eng.
0	CALCIUM		2230	ug/l	Env. Eng.
0	MANGANESE		10	ug/l	Env. Eng.
0	MANGANESE		10	ug/l	Env. Eng.
0	SODIUM		4790	ug/l	Env. Eng.
0	SODIUM		4860	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		2020	ug/l	Env. Eng.
2	LEAD		62	ug/l	Env. Eng.
2	LEAD		61	ug/l	Env. Eng.
0	GROSS ALPHA		1.23+-2.71	pCi/l	HP, 735A
0	NONVOLATILE BETA		0.30+-0.69	pCi/l	HP, 735A
0	TOTAL RADIUM		0.37+-0.34	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.67+-0.43	pCi/l	Rad. Meas.
2	TRITIUM		246+-5.03	pCi/ml	HP, 735A
2	TRITIUM		255+-2.83	pCi/ml	Rad. Meas.
2	TRITIUM		254+-2.73	pCi/ml	Rad. Meas.

WELL PRP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/15/89 Time 1450
Depth to water = 40.15 ft (12.24 m) below the TOC
Water elevation = 244.45 ft (74.51 m) msl
pH = 4.9 Alkalinity = 0 mg/L
Specific Conductance = 44 umhos/cm
Water Temperature = 20.7 degrees Celsius
Water evacuated from the well prior to sampling = 31 gal

LABORATORY ANALYSES

0	SILVER	LT	2	ug/l	Env. Eng.
1	BARIUM		103	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		4500	ug/l	Env. Eng.
1	COPPER		39	ug/l	Env. Eng.
1	IRON		189	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MANGANESE		11	ug/l	Env. Eng.
0	SODIUM		3830	ug/l	Env. Eng.
1	NICKEL		28	ug/l	Env. Eng.
2	LEAD		44	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		1.41	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1600	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
1	TRICHLOROETHYLENE		1.16	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	GROSS ALPHA		1.26+-0.92	pCi/l	Rad. Meas.
2	TRITIUM		79.03+-1.59	pCi/ml	Rad. Meas.

WELL PRP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/15/89 Time 1545
Depth to water = 35.93 ft (10.95 m) below the TOC
Water elevation = 250.47 ft (76.34 m) msl
pH = 5.4 Alkalinity = 1 mg/L
Specific Conductance = 24 umhos/cm
Water Temperature = 19.7 degrees Celsius
Water evacuated from the well prior to sampling = 43 gal

LABORATORY ANALYSES

0	SILVER		2	ug/l	Env. Eng.
0	BARIUM		18	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		2700	ug/l	Env. Eng.
0	COPPER		11	ug/l	Env. Eng.
0	IRON		49	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MANGANESE		4	ug/l	Env. Eng.
0	SODIUM		1090	ug/l	Env. Eng.
0	NICKEL		8	ug/l	Env. Eng.
0	LEAD		9	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1400	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	TRITIUM		7.71+-0.34	pCi/ml	Rad. Meas.

WELL PRP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/15/89 Time 1640
Depth to water = 30.31 ft (9.24 m) below the TOC
Water elevation = 250.39 ft (76.32 m) msl
pH = 4.8 Alkalinity = 0 mg/L
Specific Conductance = 96 umhos/cm
Water Temperature = 20.4 degrees Celsius
Water evacuated from the well prior to sampling = 57 gal

LABORATORY ANALYSES

0	SILVER	LT	2	ug/l	Env. Eng.
1	BARIUM		105	ug/l	Env. Eng.
2	CARBON TETRACHLORIDE		259	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
1	CHLORIDE		16800	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng.
1	IRON		233	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
2	MANGANESE		70	ug/l	Env. Eng.
1	SODIUM		10600	ug/l	Env. Eng.
1	NICKEL		14	ug/l	Env. Eng.
2	LEAD		39	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		31.3	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		4400	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		53	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		50	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		34.6	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
1	TRITIUM		15.30+-0.43	pCi/ml	Rad. Meas.

WELL PRP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/15/89 Time 1710
Depth to water = 30.65 ft (9.34 m) below the TOC
Water elevation = 254.05 ft (77.44 m) msl
pH = 4.9 Alkalinity = 0 mg/L
Specific Conductance = 32 umhos/cm
Water Temperature = 19.7 degrees Celsius
Water evacuated from the well prior to sampling = 55 gal

LABORATORY ANALYSES

0	SILVER	LT	2	ug/l	Env. Eng.
0	BARIUM		25	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		3000	ug/l	Env. Eng.
0	CHLORIDE		2900	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng.
0	IRON		33	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MANGANESE		4	ug/l	Env. Eng.
0	SODIUM		1890	ug/l	Env. Eng.
0	NICKEL		4	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1900	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	TRITIUM		6.20+-0.32	pCi/ml	Rad. Meas.

WELL PSB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/31/89 Time 1155
Depth to water = 56.04 ft (17.08 m) below the TOC
Water elevation = 273.06 ft (83.23 m) msl
pH = 6.5 Alkalinity = 12 mg/L
Specific Conductance = 56 umhos/cm
Water Temperature = 21.1 degrees Celsius
Water evacuated from the well prior to sampling = 41 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		49.00	UMHC	Env. Eng.
0	PH		5.94	pH	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		8	ug/l	Env. Eng.
1	COPPER		46	ug/l	Env. Eng.
0	IRON		49	ug/l	Env. Eng.
0	MANGANESE		4	ug/l	Env. Eng.
0	SODIUM		4490	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1510	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	GROSS ALPHA		0.54+-0.62	pCi/l	HP, 735A
0	NONVOLATILE BETA		3.55+-1.11	pCi/l	HP, 735A
0	NONVOLATILE BETA		2.64+-1.08	pCi/l	Rad. Meas.
2	TRITIUM		201815+-4089	pCi/ml	HP, 735A
2	TRITIUM		219354+- 521	pCi/ml	Rad. Meas.

WELL PSB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/31/89 Time 1445
Depth to water = 51.19 ft (15.60 m) below the TOC
Water elevation = 272.51 ft (83.06 m) msl
pH = 4.6 Alkalinity = 0 mg/L
Specific Conductance = 227 umhos/cm
Water Temperature = 21.5 degrees Celsius
Water evacuated from the well prior to sampling = 50 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		195.0	UMHC	Env. Eng.
0	PH		4.79	pH	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		114	ug/l	Env. Eng.
1	COPPER		78	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
1	MANGANESE		32	ug/l	Env. Eng.
1	SODIUM		30200	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		22400	ug/l	Env. Eng.
0	LEAD		10	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	GROSS ALPHA		2.28+-1.37	pCi/l	HP, 735A
0	NONVOLATILE BETA		3.02+-1.11	pCi/l	HP, 735A
0	NONVOLATILE BETA		4.29+-1.45	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		5.27+-1.37	pCi/l	Rad. Meas.
2	TRITIUM		119048+-2402	pCi/ml	HP, 735A
2	TRITIUM		133811+- 394	pCi/ml	Rad. Meas.
2	TRITIUM		133297+- 391	pCi/ml	Rad. Meas.

WELL PSB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/31/89 Time 1415
Depth to water = 47.50 ft (14.48 m) below the TOC
Water elevation = 271.10 ft (82.63 m) msl
pH = 4.8 Alkalinity = 0 mg/L
Specific Conductance = 35 umhos/cm
Water Temperature = 19.1 degrees Celsius
Water evacuated from the well prior to sampling = 38 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		35.40	UMHC	Env. Eng.
0	PH		4.92	pH	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		14	ug/l	Env. Eng.
1	COPPER		348	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MANGANESE		17	ug/l	Env. Eng.
0	SODIUM		9300	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1900	ug/l	Env. Eng.
2	LEAD		40	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	GROSS ALPHA		2.31+-1.16	pCi/l	HP, 735A
0	NONVOLATILE BETA		1.84+-0.90	pCi/l	HP, 735A
0	NONVOLATILE BETA		2.22+-0.85	pCi/l	Rad. Meas.
2	TRITIUM		48130+- 973	pCi/ml	HP, 735A
2	TRITIUM		58191+- 265	pCi/ml	Rad. Meas.

WELL PSB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/31/89 Time 1340
Depth to water = 42.57 ft (12.98 m) below the TOC
Water elevation = 269.93 ft (82.28 m) msl
pH = 4.7 Alkalinity = 0 mg/L
Specific Conductance = 41 umhos/cm
Water Temperature = 20.5 degrees Celsius
Water evacuated from the well prior to sampling = 38 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		38.10	UMHC	Env. Eng.
0	PH		4.90	pH	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		27	ug/l	Env. Eng.
2	COPPER		618	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MANGANESE		6	ug/l	Env. Eng.
0	SODIUM		4530	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		2480	ug/l	Env. Eng.
2	LEAD		81	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	GROSS ALPHA		1.11+-0.83	pCi/l	HP, 735A
0	NONVOLATILE BETA		2.00+-0.92	pCi/l	HP, 735A
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
2	TRITIUM		13329+- 268	pCi/ml	HP, 735A
2	TRITIUM		14135+- 125	pCi/ml	Rad. Meas.

WELL PSB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/31/89 Time 1510
Depth to water = 47.70 ft (14.54 m) below the TOC
Water elevation = 271.60 ft (82.78 m) msl
pH = 5.0 Alkalinity = 1 mg/L
Specific Conductance = 31 umhos/cm
Water Temperature = 19.4 degrees Celsius
Water evacuated from the well prior to sampling = 12 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		57.80	UMHC	Env. Eng.
0	PH		5.17	pH	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		7	ug/l	Env. Eng.
1	COPPER		423	ug/l	Env. Eng.
0	IRON		26	ug/l	Env. Eng.
0	MANGANESE		3	ug/l	Env. Eng
0	SODIUM		2340	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1890	ug/l	Env. Eng.
2	LEAD		50	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		6	ug/l	Env. Eng.
0	GROSS ALPHA		0.49+-0.47	pCi/l	HP, 735A
0	NONVOLATILE BETA		1.56+-0.94	pCi/l	HP, 735A
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas
2	TRITIUM		26.28+-0.76	pCi/ml	HP, 735A
2	TRITIUM		31.22+-9.72	pCi/ml	Rad. Meas

WELL PSB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/31/89 Time 1240
Depth to water = 50.68 ft (15.45 m) below the TOC
Water elevation = 273.52 ft (83.37 m) msl
pH = 4.8 Alkalinity = 0 mg/L
Specific Conductance = 60 umhos/cm
Water Temperature = 19.9 degrees Celsius
Water evacuated from the well prior to sampling = 30 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		53.20	UMHC	Env. Eng.
0	PH		5.04	pH	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	4	ug/l	Env. Eng.
1	COPPER		54	ug/l	Env. Eng.
0	IRON		53	ug/l	Env. Eng.
0	MANGANESE	LT	2	ug/l	Env. Eng.
1	SODIUM		9750	ug/l	Env. Eng.
1	NITRATE AS NITROGEN		3240	ug/l	Env. Eng.
0	LEAD		10	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		5	ug/l	Env. Eng.
0	GROSS ALPHA		0.09+-0.36	pCi/l	HP, 735A
0	NONVOLATILE BETA		1.35+-0.84	pCi/l	HP, 735A
0	NONVOLATILE BETA		1.31+-0.92	pCi/l	Rad. Meas.
2	TRITIUM		80521+-1665	pCi/ml	HP, 735A
2	TRITIUM		86106+- 319	pCi/ml	Rad. Meas

WELL PSB 7A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/31/89 Time 1130
Depth to water = 57.14 ft (17.42 m) below the TOC
Water elevation = 273.56 ft (83.38 m) msl
pH = 6.0 Alkalinity = 15 mg/L
Specific Conductance = 71 umhos/cm
Water Temperature = 19.5 degrees Celsius
Water evacuated from the well prior to sampling = 38 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		61.80	UMHC	Env. Eng.
0	PH		5.77	pH	Env. Eng
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		17	ug/l	Env. Eng.
1	COPPER		75	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MANGANESE		5	ug/l	Env. Eng
1	SODIUM		5110	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		2480	ug/l	Env. Eng
0	LEAD	LT	6	ug/l	Env. Eng
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng
0	GROSS ALPHA		0.42+-0.57	pCi/l	HP, 735A
0	NONVOLATILE BETA		5.17+-1.29	pCi/l	HP, 735A
0	NONVOLATILE BETA		1.35+-0.78	pCi/l	Rad. Meas
2	TRITIUM		10967+- 230	pCi/ml	HP, 735A
2	TRITIUM		11721+- 124	pCi/ml	Rad. Meas

WELL PSS 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/19/89 Time 1310
Depth to water = 22.04 ft (6.72 m) below the TOC
Water elevation = 197.56 ft (60.22 m) msl
pH = 6.1 Alkalinity = 7 mg/L
Specific Conductance = 26 umhos/cm
Water Temperature = 18.9 degrees Celsius
Water evacuated from the well prior to sampling = 13 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		30.20	UMHC	Env. Eng.
0	PH		5.78	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		7	ug/l	Env. Eng.
0	CALCIUM		1900	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLORIDE		1700	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		137	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		732	ug/l	Env. Eng.
0	MAGNESIUM		364	ug/l	Env. Eng.
1	MANGANESE		28	ug/l	Env. Eng.
0	SODIUM		1630	ug/l	Env. Eng.
1	NICKEL		15	ug/l	Env. Eng.
0	NITRITE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		462	ug/l	Env. Eng.
0	LEAD		9	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		6000	ug/l	Env. Eng.
1	SILICA		6040	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		30000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	GROSS ALPHA		1.29+-0.71	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		0.95+-0.80	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		0.71+-0.24	pCi/ml	Rad. Meas.

WELL PSS 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/16/89 Time 1020
Depth to water = 36.51 ft (11.13 m) below the TOC
Water elevation = 192.19 ft (58.58 m) msl
pH = 5.2 Alkalinity = 1 mg/L
Specific Conductance = 17 umhos/cm
Water Temperature = 19.1 degrees Celsius
Water evacuated from the well prior to sampling = 60 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		26.80	UMHC	Env. Eng.
0	PH		4.62	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		6	ug/l	Env. Eng.
0	CALCIUM		586	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLORIDE		1700	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
1	IRON		158	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	MAGNESIUM		314	ug/l	Env. Eng.
0	MANGANESE		8	ug/l	Env. Eng.
0	SODIUM		1050	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRITE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		660	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		5800	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		18000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	GROSS ALPHA		1.52+-0.79	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		0.95+-0.80	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM	LT	1	pCi/ml	Rad. Meas.

WELL PSS 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/19/89 Time 1335
pH = 6.1 Alkalinity = 8 mg/L
Specific Conductance = 25 umhos/cm
Water Temperature = 18.7 degrees Celsius
Water evacuated from the well prior to sampling = 6 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		35.18	UMHC	Env. Eng.
0	PH		5.93	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		7	ug/l	Env. Eng.
0	CALCIUM		2530	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLORIDE		2300	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	4	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		41	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	500	ug/l	Env. Eng.
0	MAGNESIUM		212	ug/l	Env. Eng.
2	MANGANESE		78	ug/l	Env. Eng.
0	SODIUM		2270	ug/l	Env. Eng.
1	NICKEL		26	ug/l	Env. Eng.
0	NITRITE AS NITROGEN	LT	50	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		55	ug/l	Env. Eng.
0	LEAD		11	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		8930	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		44000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1200	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		34	ug/l	Env. Eng.
0	GROSS ALPHA		1.92+-0.85	pCi/l	Rad. Meas.
0	GROSS ALPHA		1.46+-0.78	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.19+-0.82	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.05+-0.81	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.75+-0.65	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.78+-0.63	pCi/l	Rad. Meas.
0	TRITIUM		0.25+-0.24	pCi/ml	Rad. Meas.
0	TRITIUM	LT	1	pCi/ml	Rad. Meas.

WELL RAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/06/89 Time 1710
Depth to water = 13.85 ft (4.22 m) below the TOC
Water elevation = 269.75 ft (82.22 m) msl
pH = 4.2 Alkalinity = 0 mg/L
Specific Conductance = 70 umhos/cm
Water Temperature = 19.0 degrees Celsius
Water evacuated from the well prior to sampling = 58 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		78.40	UMHC	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	COPPER		16	ug/l	Env. Eng.
0	MANGANESE		22	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		2900	ug/l	Env. Eng.
0	LEAD		7	ug/l	Env. Eng.
0	SULFATE		9400	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.59+-0.98	pCi/l	Rad. Meas.

WELL RAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/06/89 Time 1630
Depth to water = 10.35 ft (3.15 m) below the TOC
Water elevation = 270.05 ft (82.31 m) msl
pH = 4.3 Alkalinity = 0 mg/L
Specific Conductance = 37 umhos/cm
Water Temperature = 18.3 degrees Celsius
Water evacuated from the well prior to sampling = 69 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		58.40	UMHC	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
1	COPPER		142	ug/l	Env. Eng.
0	MANGANESE		16	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1700	ug/l	Env. Eng.
2	LEAD		26	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.

WELL RAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/06/89 Time 1550
Depth to water = 10.00 ft (3.05 m) below the TOC
Water elevation = 269.30 ft (82.08 m) msl
pH = 4.9 Alkalinity = 4 mg/L
Specific Conductance = 84 umhos/cm
Water Temperature = 17.8 degrees Celsius
Water evacuated from the well prior to sampling = 70 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		107.0	UMHC	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
1	COPPER		137	ug/l	Env. Eng.
1	MANGANESE		28	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1410	ug/l	Env. Eng.
0	LEAD		15	ug/l	Env. Eng.
1	SULFATE		12100	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		0.95+-0.89	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.39+-0.92	pCi/l	Rad. Meas.

WELL RAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/06/89 Time 1610
Depth to water = 10.88 ft (3.32 m) below the TOC
Water elevation = 268.12 ft (81.72 m) msl
pH = 4.4 Alkalinity = 0 mg/L
Specific Conductance = 34 umhos/cm
Water Temperature = 17.5 degrees Celsius
Water evacuated from the well prior to sampling = 78 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		33.00	UMHC	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	COPPER		11	ug/l	Env. Eng.
0	MANGANESE		17	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		869	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	GROSS ALPHA		0.98+-0.58	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.

WELL RRP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/06/89 Time 1410
Depth to water = 23.69 ft (7.22 m) below the TOC
Water elevation = 260.71 ft (79.47 m) msl
pH = 4.5 Alkalinity = 0 mg/L
Specific Conductance = 23 umhos/cm
Water Temperature = 19.0 degrees Celsius
Water evacuated from the well prior to sampling = 48 gal

LABORATORY ANALYSES

0	SILVER	LT	2	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.

WELL RRP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/06/89 Time 1430
Depth to water = 24.91 ft (7.59 m) below the TOC
Water elevation = 259.59 ft (79.12 m) msl
pH = 4.1 Alkalinity = 0 mg/L
Specific Conductance = 48 umhos/cm
Water Temperature = 20.0 degrees Celsius
Water evacuated from the well prior to sampling = 44 gal

LABORATORY ANALYSES

0	SILVER	LT	2	ug/l	Env. Eng.
0	LEAD		6	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.

WELL RRP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/06/89 Time 1525
Depth to water = 21.65 ft (6.60 m) below the TOC
Water elevation = 258.45 ft (78.78 m) msl
pH = 4.7 Alkalinity = 0 mg/L
Specific Conductance = 12 umhos/cm
Water Temperature = 19.3 degrees Celsius
Water evacuated from the well prior to sampling = 53 gal

LABORATORY ANALYSES

0	SILVER	LT	2	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.

WELL RRP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/06/89 Time 1500
Depth to water = 21.55 ft (6.57 m) below the TOC
Water elevation = 258.65 ft (78.84 m) msl
pH = 4.4 Alkalinity = 0 mg/L
Specific Conductance = 19 umhos/cm
Water Temperature = 18.7 degrees Celsius
Water evacuated from the well prior to sampling = 53 gal

LABORATORY ANALYSES

0	SILVER	LT	2	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.

WELL RSA 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1412
Depth to water = 37.20 ft (11.34 m) below the TOC
Water elevation = 275.20 ft (83.88 m) msl
pH = 5.2
Specific Conductance = 32 umhos/cm
Water Temperature = 17.0 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	2.52+-3.79	pCi/l	HP. 735A
0	NONVOLATILE BETA	1.26+-0.77	pCi/l	HP. 735A

WELL RSA 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1415
Depth to water = 37.00 ft (11.28 m) below the TOC
Water elevation = 275.30 ft (83.91 m) msl
pH = 5.2
Specific Conductance = 31 umhos/cm
Water Temperature = 16.8 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	4.84+-2.91	pCi/l	HP. 735A
0	NONVOLATILE BETA	1.73+-0.74	pCi/l	HP. 735A

WELL RSA 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1400
Depth to water = 37.50 ft (11.43 m) below the TOC
Water elevation = 274.20 ft (83.58 m) msl
pH = 7.0
Specific Conductance = 28 umhos/cm
Water Temperature = 17.6 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	1.02+-1.37	pCi/l	HP. 735A
0	NONVOLATILE BETA	1.40+-0.70	pCi/l	HP. 735A

WELL RSA 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1414
Depth to water = 38.30 ft (11.67 m) below the TOC
Water elevation = 273.00 ft (83.21 m) msl
pH = 5.1
Specific Conductance = 30 umhos/cm
Water Temperature = 16.1 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	0.82+-1.58 pCi/l	HP, 735A
2	NONVOLATILE BETA	93.87+-7.56 pCi/l	HP, 735A

WELL RSB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1403
Depth to water = 29.60 ft (9.02 m) below the TOC
Water elevation = 279.40 ft (85.16 m) msl
pH = 6.5
Specific Conductance = 30 umhos/cm
Water Temperature = 17.8 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	0.44+-0.97 pCi/l	HP, 735A
0	NONVOLATILE BETA	0.13+-0.56 pCi/l	HP, 735A

WELL RSB 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 955
Depth to water = 21.60 ft (6.58 m) below the TOC
Water elevation = 284.20 ft (86.63 m) msl
pH = 5.8
Specific Conductance = 36 umhos/cm
Water Temperature = 16.2 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	-0.24+-0.92 pCi/l	HP, 735A
0	NONVOLATILE BETA	2.94+-0.85 pCi/l	HP, 735A

WELL RSB 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 945
Depth to water = 22.80 ft (6.95 m) below the TOC
Water elevation = 282.80 ft (86.20 m) msl
pH = 5.8
Specific Conductance = 57 umhos/cm
Water Temperature = 14.3 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	1.34+-2.70 pCi/l	HP, 735A
0	NONVOLATILE BETA	6.54+-1.12 pCi/l	HP, 735A

WELL RSC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/06/89 Time 1445
Depth to water = 28.60 ft (9.72 m) below the TOC
Water elevation = 273.40 ft (83.33 m) msl
pH = 6.6
Specific Conductance = 40 umhos/cm
Water Temperature = 19.2 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

1	GROSS ALPHA	5.10+-5.13 pCi/l	HP, 735A
1	NONVOLATILE BETA	16.61+-1.78 pCi/l	HP, 735A

WELL RSC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1307
Depth to water = 31.30 ft (9.54 m) below the TOC
Water elevation = 270.00 ft (82.30 m) msl
pH = 6.9
Specific Conductance = 112 umhos/cm
Water Temperature = 16.6 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	0.64+-1.44 pCi/l	HP, 735A
0	NONVOLATILE BETA	2.07+-0.83 pCi/l	HP, 735A

WELL RSC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/06/89 Time 1430
Depth to water = 27.20 ft (8.29 m) below the TOC
Water elevation = 273.10 ft (83.24 m) msl
pH = 6.4
Specific Conductance = 50 umhos/cm
Water Temperature = 18.5 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	2.52+-3.54 pCi/l	HP, 735A
0	NONVOLATILE BETA	1.88+-0.78 pCi/l	HP, 735A

WELL RSC 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/06/89 Time 1415
Depth to water = 35.20 ft (10.73 m) below the TOC
Water elevation = 269.70 ft (82.21 m) msl
pH = 6.9
Specific Conductance = 500 umhos/cm
Water Temperature = 19.1 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	3.04+-9.24 pCi/l	HP, 735A
0	GROSS ALPHA	4.75+-3.57 pCi/l	HP, 735A
1	NONVOLATILE BETA	15.45+-3.83 pCi/l	HP, 735A
1	NONVOLATILE BETA	13.97+-4.55 pCi/l	HP, 735A

WELL RSC 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1335
Depth to water = 30.00 ft (9.14 m) below the TOC
Water elevation = 274.10 ft (83.55 m) msl
pH = 5.6
Specific Conductance = 45 umhos/cm
Water Temperature = 15.4 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	1.14+-2.50 pCi/l	HP, 735A
0	NONVOLATILE BETA	3.11+-0.87 pCi/l	HP, 735A

WELL RSC 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1340
Depth to water = 34.60 ft (10.55 m) below the TOC
Water elevation = 273.20 ft (83.27 m) msl
pH = 6.9
Specific Conductance = 36 umhos/cm
Water Temperature = 16.7 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	0.70+-2.14 pCi/l	HP, 735A
0	NONVOLATILE BETA	3.22+-0.90 pCi/l	HP, 735A

WELL RSC 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1410
Depth to water = 23.20 ft (7.07 m) below the TOC
Water elevation = 285.60 ft (87.05 m) msl
pH = 5.9
Specific Conductance = 41 umhos/cm
Water Temperature = 17.0 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	0.45+-1.00 pCi/l	HP, 735A
0	NONVOLATILE BETA	1.87+-0.75 pCi/l	HP, 735A

WELL RSC 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/06/89 Time 1500
Depth to water = 33.50 ft (10.21 m) below the TOC
Water elevation = 268.30 ft (81.78 m) msl
pH = 6.0
Specific Conductance = 70 umhos/cm
Water Temperature = 18.2 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	1.85+-3.10 pCi/l	HP, 735A
0	NONVOLATILE BETA	2.17+-0.80 pCi/l	HP, 735A

WELL RSC 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/06/89 Time 1425
Depth to water = 29.50 ft (8.99 m) below the TOC
Water elevation = 267.90 ft (81.66 m) msl
pH = 7.0
Specific Conductance = 40 umhos/cm
Water Temperature = 19.0 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	0.19+-1.38 pCi/l	HP, 735A
0	NONVOLATILE BETA	3.87+-0.92 pCi/l	HP, 735A

WELL RSD 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1030
Depth to water = 10.20 ft (3.11 m) below the TOC
Water elevation = 290.30 ft (88.48 m) msl
pH = 5.7
Specific Conductance = 39 umhos/cm
Water Temperature = 14.8 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	0.86+-3.17 pCi/l	HP, 735A
0	GROSS ALPHA	2.28+-0.84 pCi/l	Rad. Meas.
2	NONVOLATILE BETA	172+-10.7 pCi/l	HP, 735A
2	NONVOLATILE BETA	79.40+-3.09 pCi/l	Rad. Meas.
0	TRITIUM	2.04+-0.24 pCi/ml	Rad. Meas.

WELL RSD 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1050
Depth to water = 13.80 ft (4.21 m) below the TOC
Water elevation = 287.40 ft (87.60 m) msl
pH = 6.3
Specific Conductance = 89 umhos/cm
Water Temperature = 15.6 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	-1.01+-2.95 pCi/l	HP, 735A
2	NONVOLATILE BETA	408+-24.2 pCi/l	HP, 735A

WELL RSD 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1055
The well was dry.

WELL RSD 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1057
Depth to water = 17.20 ft (5.24 m) below the TOC
Water elevation = 284.50 ft (86.72 m) msl
pH = 5.6
Specific Conductance = 68 umhos/cm
Water Temperature = 17.9 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	-5.47+-7.23 pCi/l	HP, 735A
2	NONVOLATILE BETA	2840+- 167 pCi/l	HP, 735A

WELL RSD 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1100
Depth to water = 14.80 ft (4.51 m) below the TOC
Water elevation = 286.00 ft (87.17 m) msl
pH = 6.1
Specific Conductance = 39 umhos/cm
Water Temperature = 15.8 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	0.27+-0.85 pCi/l	HP, 735A
0	NONVOLATILE BETA	4.18+-0.97 pCi/l	HP, 735A

WELL RSD 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/06/89 Time 1315
Depth to water = 10.00 ft (3.05 m) below the TOC
Water elevation = 291.60 ft (88.88 m) msl
pH = 5.2
Specific Conductance = 40 umhos/cm
Water Temperature = 16.2 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	1.51+-1.89 pCi/l	HP, 735A
2	NONVOLATILE BETA	82.37+-6.74 pCi/l	HP, 735A

WELL RSD 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/06/89 Time 1329
Depth to water = 12.00 ft (3.66 m) below the TOC
Water elevation = 289.70 ft (88.30 m) msl
pH = 5.2
Specific Conductance = 40 umhos/cm
Water Temperature = 17.5 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	-0.37+-2.46 pCi/l	HP, 735A
2	NONVOLATILE BETA	607+-44.4 pCi/l	HP, 735A

WELL RSD 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/06/89 Time 1335
Depth to water = 12.60 ft (3.84 m) below the TOC
Water elevation = 289.50 ft (88.24 m) msl
pH = 5.4
Specific Conductance = 50 umhos/cm
Water Temperature = 17.9 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	3.08+-6.13 pCi/l	HP, 735A
2	NONVOLATILE BETA	650+-32.7 pCi/l	HP, 735A

WELL RSD 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1010
Depth to water = 5.40 ft (1.65 m) below the TOC
Water elevation = 288.00 ft (87.78 m) msl
pH = 7.4
Specific Conductance = 22 umhos/cm
Water Temperature = 13.7 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	1.72+-2.02 pCi/l	HP, 735A
2	NONVOLATILE BETA	110+-8.75 pCi/l	HP, 735A

WELL RSD 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1015
Depth to water = 4.00 ft (1.22 m) below the TOC
Water elevation = 289.00 ft (88.09 m) msl
pH = 6.7
Specific Conductance = 39 umhos/cm
Water Temperature = 13.4 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	-1.23+-4.94 pCi/l	HP, 735A
2	NONVOLATILE BETA	904+-52.7 pCi/l	HP, 735A

WELL RSD 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/06/89 Time 1300
Depth to water = 5.90 ft (1.80 m) below the TOC
Water elevation = 286.70 ft (87.39 m) msl
pH = 5.7
Specific Conductance = 170 umhos/cm
Water Temperature = 16.0 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	2.76+-5.11 pCi/l	HP, 735A
0	NONVOLATILE BETA	7.90+-1.50 pCi/l	HP, 735A

WELL RSD 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/06/89 Time 1250
Depth to water = 6.30 ft (1.92 m) below the TOC
Water elevation = 286.20 ft (87.23 m) msl
pH = 4.8
Specific Conductance = 40 umhos/cm
Water Temperature = 16.6 degrees Celsius
No water was evacuated from the well prior to sampling

WELL RSD 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/06/89 Time 1240
Depth to water = 6.20 ft (1.89 m) below the TOC
Water elevation = 286.10 ft (87.20 m) msl
pH = 5.8
Specific Conductance = 60 umhos/cm
Water Temperature = 16.2 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	2.40+-3.62 pCi/l	HP, 735A
0	NONVOLATILE BETA	2.78+-0.87 pCi/l	HP, 735A

WELL RSE 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1150
Depth to water = 24.80 ft (7.56 m) below the TOC
Water elevation = 279.40 ft (85.16 m) msl
pH = 6.7
Specific Conductance = 33 umhos/cm
Water Temperature = 19.0 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	1.61+-1.79 pCi/l	HP, 735A
1	NONVOLATILE BETA	29.57+-2.94 pCi/l	HP, 735A

WELL RSE 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1155
Depth to water = 17.50 ft (5.33 m) below the TOC
Water elevation = 285.80 ft (87.11 m) msl
pH = 5.9
Specific Conductance = 29 umhos/cm
Water Temperature = 18.5 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	0.72+-2.20 pCi/l	HP, 735A
1	NONVOLATILE BETA	25.73+-2.31 pCi/l	HP, 735A

WELL RSE 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1159
Depth to water = 18.00 ft (5.49 m) below the TOC
Water elevation = 285.30 ft (86.96 m) msl
pH = 5.3
Specific Conductance = 27 umhos/cm
Water Temperature = 17.0 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	1.33+-1.58 pCi/l	HP, 735A
0	NONVOLATILE BETA	6.24+-1.15 pCi/l	HP, 735A

WELL RSE 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1110
Depth to water = 24.00 ft (7.32 m) below the TOC
Water elevation = 278.50 ft (84.89 m) msl
pH = 5.3
Specific Conductance = 31 umhos/cm
Water Temperature = 18.4 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	0.54+-1.07 pCi/l	HP, 735A
0	GROSS ALPHA	2.06+-0.78 pCi/l	Rad. Meas.
0	NONVOLATILE BETA	6.28+-1.15 pCi/l	HP, 735A
0	NONVOLATILE BETA	6.16+-1.12 pCi/l	Rad. Meas.
0	TRITIUM	2.68+-0.25 pCi/ml	Rad. Meas.

WELL RSE 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1042
Depth to water = 15.00 ft (4.57 m) below the TOC
Water elevation = 286.00 ft (87.17 m) msl
pH = 5.6
Specific Conductance = 53 umhos/cm
Water Temperature = 15.8 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	4.03+-5.51 pCi/l	HP, 735A
1	NONVOLATILE BETA	43.74+-3.41 pCi/l	HP, 735A

WELL RSE 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/06/89 Time 1355
Depth to water = 22.40 ft (6.83 m) below the TOC
Water elevation = 282.20 ft (86.02 m) msl
pH = 5.1
Specific Conductance = 40 umhos/cm
Water Temperature = 20.8 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	0.22+-2.18 pCi/l	HP, 735A
2	NONVOLATILE BETA	97.60+-5.46 pCi/l	HP, 735A

WELL RSE 4B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1003
The well was dry.

WELL RSE 4C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/06/89 Time 1400
Depth to water = 23.20 ft (7.07 m) below the TOC
Water elevation = 281.50 ft (85.80 m) msl
pH = 5.4
Specific Conductance = 40 umhos/cm
Water Temperature = 20.8 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	-0.17+-2.91 pCi/l	HP, 735A
2	NONVOLATILE BETA	285+-17.2 pCi/l	HP, 735A

WELL RSE 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/06/89 Time 1345
Depth to water = 26.10 ft (7.96 m) below the TOC
Water elevation = 279.90 ft (85.31 m) msl
The well pumped dry before sampling could be done.

WELL RSE 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1425
The well was dry.

WELL RSE 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1420
Depth to water = 29.00 ft (8.84 m) below the TOC
Water elevation = 273.40 ft (83.33 m) msl
pH = 5.8
Specific Conductance = 45 umhos/cm
Water Temperature = 18.4 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	1.29+-2.60 pCi/l	HP, 735A
0	GROSS ALPHA	1.89+-0.82 pCi/l	Rad. Meas.
0	NONVOLATILE BETA	6.97+-1.14 pCi/l	HP, 735A
0	NONVOLATILE BETA	5.38+-1.10 pCi/l	Rad. Meas.
0	TRITIUM	3.18+-0.26 pCi/ml	Rad. Meas.

WELL RSE 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1315
Depth to water = 27.80 ft (8.47 m) below the TOC
Water elevation = 274.40 ft (83.64 m) msl
pH = 5.8
Specific Conductance = 57 umhos/cm
Water Temperature = 17.3 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	0.43+-0.95 pCi/l	HP, 735A
0	NONVOLATILE BETA	1.84+-0.74 pCi/l	HP, 735A

WELL RSE 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1325
Depth to water = 32.50 ft (9.91 m) below the TOC
Water elevation = 273.50 ft (83.36 m) msl
pH = 6.5
Specific Conductance = 41 umhos/cm
Water Temperature = 19.3 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	1.16+-1.44 pCi/l	HP, 735A
0	NONVOLATILE BETA	1.56+-0.71 pCi/l	HP, 735A

WELL RSE 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1300
Depth to water = 30.70 ft (9.36 m) below the TOC
Water elevation = 274.00 ft (83.52 m) msl
pH = 5.8
Specific Conductance = 40 umhos/cm
Water Temperature = 19.0 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	0.71+-1.19 pCi/l	HP, 735A
0	NONVOLATILE BETA	4.84+-1.03 pCi/l	HP, 735A

WELL RSE 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1245
Depth to water = 29.60 ft (9.02 m) below the TOC
Water elevation = 274.20 ft (83.58 m) msl
pH = 5.1
Specific Conductance = 45 umhos/cm
Water Temperature = 18.0 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	0.33+-3.73 pCi/l	HP, 735A
2	NONVOLATILE BETA	379+-22.5 pCi/l	HP, 735A

WELL RSE 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/06/89 Time 1510
Depth to water = 31.50 ft (9.60 m) below the TOC
Water elevation = 274.30 ft (83.61 m) msl
pH = 5.6
Specific Conductance = 50 umhos/cm
Water Temperature = 18.0 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA	-0.01+-3.42 pCi/l	HP, 735A
2	NONVOLATILE BETA	361+-21.5 pCi/l	HP, 735A

WELL RSE 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1007
Depth to water = 17.60 ft (5.36 m) below the TOC
Water elevation = 283.60 ft (86.44 m) msl
pH = 5.4
Specific Conductance = 39 umhos/cm
Water Temperature = 16.0 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA		0.30+-1.73 pCi/l	HP, 735A
2	NONVOLATILE BETA		213+-16.1 pCi/l	HP, 735A
2	NONVOLATILE BETA		216+-17.4 pCi/l	HP, 735A

WELL RSE 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1215
Depth to water = 33.00 ft (10.06 m) below the TOC
Water elevation = 274.10 ft (83.55 m) msl
pH = 6.1
Specific Conductance = 63 umhos/cm
Water Temperature = 19.4 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA		-0.02+-1.01 pCi/l	HP, 735A
0	NONVOLATILE BETA		2.72+-0.84 pCi/l	HP, 735A

WELL RSE 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1230
Depth to water = 30.60 ft (9.33 m) below the TOC
Water elevation = 274.20 ft (83.58 m) msl
pH = 5.6
Specific Conductance = 71 umhos/cm
Water Temperature = 19.2 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	GROSS ALPHA		4.54+-5.21 pCi/l	HP, 735A
2	NONVOLATILE BETA		138+-7.68 pCi/l	HP, 735A

WELL RSE 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/20/89 Time 1410
Depth to water = 18.76 ft (5.72 m) below the TOC
Water elevation = 275.34 ft (83.92 m) msl
pH = 5.4 Alkalinity = 1 mg/L
Specific Conductance = 32 umhos/cm
Water Temperature = 20.2 degrees Celsius
Water evacuated from the well prior to sampling = 98 gal

LABORATORY ANALYSES

0	IRON	LT	20 ug/l	Env. Eng.
0	SODIUM		2980 ug/l	Env. Eng.
0	NITRATE AS NITROGEN		2120 ug/l	Env. Eng.
0	NITRATE AS NITROGEN		2050 ug/l	Env. Eng.

WELL RSE 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/20/89 Time 1315
Depth to water = 21.82 ft (6.65 m) below the TOC
Water elevation = 272.08 ft (82.93 m) msl
pH = 5.5 Alkalinity = 5 mg/L
Specific Conductance = 68 umhos/cm
Water Temperature = 20.2 degrees Celsius
Water evacuated from the well prior to sampling = 90 gal

LABORATORY ANALYSES

0	IRON	LT	20 ug/l	Env. Eng.
1	SODIUM		5920 ug/l	Env. Eng.
0	NITRATE AS NITROGEN		2990 ug/l	Env. Eng.

WELL RSF 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/18/89 Time 1310
Depth to water = 30.32 ft (9.24 m) below the TOC
Water elevation = 272.78 ft (83.14 m) msl
pH = 10.9 Alkalinity = 57 mg/L
Specific Conductance = 240 umhos/cm
Water Temperature = 21.1 degrees Celsius
Water evacuated from the well prior to sampling = 115 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		73.25 UMHC	Env. Eng.
2	PH		8.81 pH	Env. Eng.
1	CALCIUM		27000 ug/l	Env. Eng.
1	CHROMIUM		8 ug/l	Env. Eng.
0	IRON		22 ug/l	Env. Eng.
0	SODIUM		2500 ug/l	Env. Eng.
0	NITRATE AS NITROGEN		767 ug/l	Env. Eng.
0	PHENOLS	LT	5 ug/l	Env. Eng.
0	SULFATE	LT	5000 ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000 ug/l	Env. Eng.
0	GROSS ALPHA	LT	3 pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.13+-1.19 pCi/l	Rad. Meas.
1	TRITIUM		11.12+-0.37 pCi/ml	Rad. Meas.

WELL RSF 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/18/89 Time 1225
Depth to water = 29.27 ft (8.92 m) below the TOC
Water elevation = 273.53 ft (83.37 m) msl
pH = 5.3 Alkalinity = 4 mg/L
Specific Conductance = 52 umhos/cm
Water Temperature = 19.3 degrees Celsius
Water evacuated from the well prior to sampling = 149 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		57.84 UMHC	Env. Eng.
0	PH		5.29 pH	Env. Eng.
0	CALCIUM		3070 ug/l	Env. Eng.
0	CHROMIUM	LT	4 ug/l	Env. Eng.
0	IRON		67 ug/l	Env. Eng.
0	SODIUM		3780 ug/l	Env. Eng.
0	NITRATE AS NITROGEN		2620 ug/l	Env. Eng.
0	PHENOLS	LT	5 ug/l	Env. Eng.
0	SULFATE	LT	5000 ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000 ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000 ug/l	Env. Eng.
0	GROSS ALPHA		1.46+-0.84 pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2 pCi/l	Rad. Meas
0	TRITIUM		0.85+-0.25 pCi/ml	Rad. Meas.

WELL RSF 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/18/89 Time 1130
Depth to water = 31.81 ft (9.70 m) below the TOC
Water elevation = 275.29 ft (83.91 m) msl
pH = 6.2 Alkalinity = 11 mg/L
Specific Conductance = 45 umhos/cm
Water Temperature = 21.5 degrees Celsius
Water evacuated from the well prior to sampling = 118 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		56.16 UMHC	Env. Eng
1	PH		6.51 pH	Env. Eng
0	CALCIUM		422 ug/l	Env. Eng
0	CHROMIUM	LT	4 ug/l	Env. Eng
0	IRON		136 ug/l	Env. Eng
1	SODIUM		8040 ug/l	Env. Eng.
0	NITRATE AS NITROGEN		139 ug/l	Env. Eng.
0	PHENOLS	LT	5 ug/l	Env. Eng
0	SULFATE		5200 ug/l	Env. Eng
0	TOTAL ORGANIC CARBON	LT	1000 ug/l	Env. Eng.
0	GROSS ALPHA		2.30+-1.02 pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.24+-0.90 pCi/l	Rad. Meas.
0	TRITIUM	LT	1 pCi/ml	Rad. Meas.

WELL RWM 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/05/89 Time 850
Depth to water = 144.57 ft (44.07 m) below the TOC
Water elevation = 220.93 ft (67.34 m) msl
pH = 4.3 Alkalinity = 0 mg/L
Specific Conductance = 118 umhos/cm
Water Temperature = 16.6 degrees Celsius
The well is continuously pumping.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		142.0 UMHC	Env. Eng.
0	PH		4.23 pH	Env. Eng.
0	SILVER	LT	2 ug/l	Env. Eng.
2	ALUMINUM		627 ug/l	Env. Eng.
0	ARSENIC	LT	2 ug/l	Env. Eng.
1	BARIUM		65 ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	1250 ug/l	Env. Eng.
0	CALCIUM		8590 ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	1250 ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1250 ug/l	Env. Eng.
0	CADMIUM	LT	2 ug/l	Env. Eng.
0	BROMOFORM	LT	2500 ug/l	Env. Eng.
0	CHLOROFORM	LT	1250 ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	1250 ug/l	Env. Eng.
0	BROMOMETHANE	LT	2500 ug/l	Env. Eng.
0	CHLOROMETHANE	LT	2500 ug/l	Env. Eng.
0	CHLORIDE		3000 ug/l	Env. Eng.
0	CHLOROBENZENE	LT	1250 ug/l	Env. Eng.
0	CHROMIUM	LT	4 ug/l	Env. Eng.
0	COPPER		9 ug/l	Env. Eng.
0	CYANIDE	LT	5 ug/l	Env. Eng.
0	CHLOROETHENE	LT	2500 ug/l	Env. Eng.
0	CHLOROETHANE	LT	2500 ug/l	Env. Eng.
0	BENZENE	LT	1250 ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	1250 ug/l	Env. Eng.
0	ETHYLBENZENE	LT	1250 ug/l	Env. Eng.
0	IRON		31 ug/l	Env. Eng.
0	MERCURY	LT	0.20 ug/l	Env. Eng.
0	TOLUENE	LT	1250 ug/l	Env. Eng.
0	MAGNESIUM		4010 ug/l	Env. Eng.
1	MANGANESE		47 ug/l	Env. Eng.
0	SODIUM		4800 ug/l	Env. Eng.
1	NICKEL		9 ug/l	Env. Eng.
2	NITRATE AS NITROGEN		12900 ug/l	Env. Eng.
0	LEAD	LT	8 ug/l	Env. Eng.
0	PHENOLS	LT	5 ug/l	Env. Eng.
0	SELENIUM	LT	2 ug/l	Env. Eng.
0	SULFATE	LT	5000 ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	2500 ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		7123 ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20 ug/l	Env. Eng.
2	TRICHLOROETHYLENE		24920 ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	1250 ug/l	Env. Eng.
0	URANIUM	LT	1000 ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	1250 ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	1250 ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1250 ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	1250 ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	250 ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	2500 ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	1250 ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	1250 ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	2500 ug/l	Env. Eng.
0	ZINC		30 ug/l	Env. Eng.
2	GROSS ALPHA		16.80+-2.44 pCi/l	Rad. Meas.
1	GROSS ALPHA		14.30+-2.34 pCi/l	Rad. Meas.
1	NONVOLATILE BETA		11.80+-1.34 pCi/l	Rad. Meas.
1	NONVOLATILE BETA		11.20+-1.32 pCi/l	Rad. Meas.
2	TOTAL RADIUM		7.02+-1.33 pCi/l	Rad. Meas.
2	TOTAL RADIUM		7.30+-1.34 pCi/l	Rad. Meas.

WELL RWM 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/12/89 Time 845
Depth to water = 142.23 ft (43.35 m) below the TOC
Water elevation = 223.27 ft (68.05 m) msl
pH = 4.0 Alkalinity = 0 mg/L
Specific Conductance = 93 umhos/cm
Water Temperature = 18.5 degrees Celsius
The well is continuously pumping.

LABORATORY ANALYSES

0	CHLOROFORM	LT	500 ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		10000 ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		23600 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	500 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	500 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	500 ug/l	M-Area,SRS

WELL RWM 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/14/89 Time 1505
Depth to water = 145.45 ft (44.33 m) below the TOC
Water elevation = 220.05 ft (67.07 m) msl
pH = 4.0 Alkalinity = 0 mg/L
Specific Conductance = 159 umhos/cm
Water Temperature = 21.0 degrees Celsius
The well is continuously pumping.

LABORATORY ANALYSES

0	CHLOROFORM	LT	500 ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		8870 ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		41700 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	500 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	500 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	500 ug/l	M-Area,SRS

WELL RWM 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/14/89 Time 1745
Depth to water = 143.89 ft (43.86 m) below the TOC
Water elevation = 221.61 ft (67.55 m) msl
pH = 4.2 Alkalinity = 0 mg/L
Specific Conductance = 81 umhos/cm
Water Temperature = 21.5 degrees Celsius
The well is continuously pumping.

LABORATORY ANALYSES

0	CHLOROFORM	LT	500 ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		4070 ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		10400 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	500 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	500 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	500 ug/l	M-Area,SRS

WELL RWM 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/12/89 Time 1240
pH = 4.7 Alkalinity = 0 mg/L
Specific Conductance = 43 umhos/cm
Water Temperature = 19.0 degrees Celsius
The well is continuously pumping.

LABORATORY ANALYSES

0	CHLOROFORM	LT	500 ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		9010 ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		28600 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	500 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	500 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	500 ug/l	M-Area,SRS

WELL RWM 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/14/89 Time 1545
pH = 4.4 Alkalinity = 0 mg/L
Specific Conductance = 48 umhos/cm
Water Temperature = 20.6 degrees Celsius
The well is continuously pumping.

LABORATORY ANALYSES

0	CHLOROFORM	LT	500 ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		5560 ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		24100 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	500 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	500 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	500 ug/l	M-Area,SRS

WELL RWM 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/13/89 Time 905
Depth to water = 202.34 ft (61.67 m) below the TOC
Water elevation = 168.96 ft (51.50 m) msl
pH = 5.0 Alkalinity = 1 mg/L
Specific Conductance = 47 umhos/cm
Water Temperature = 18.3 degrees Celsius
The well is continuously pumping.

LABORATORY ANALYSES

0	CHLOROFORM	LT	500 ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		9180 ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		33100 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	500 ug/l	M-Area,SRS

CONTINUED

WELL RWM 2 COLLECTED ON 03/13/89 LABORATORY ANALYSES CONTINUED

0	1,1-DICHLOROETHYLENE	LT	500 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	500 ug/l	M-Area,SRS

WELL RWM 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/12/89 Time 1225
Depth to water = 162.84 ft (49.63 m) below the TOC
Water elevation = 214.16 ft (65.28 m) msl
pH = 4.3 Alkalinity = 0 mg/L
Specific Conductance = 93 umhos/cm
Water Temperature = 18.9 degrees Celsius
The well is continuously pumping.

LABORATORY ANALYSES

0	CHLOROFORM	LT	500 ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		7390 ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		29100 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	500 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	500 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	500 ug/l	M-Area,SRS

WELL RWM 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/14/89 Time 1535
pH = 4.0 Alkalinity = 0 mg/L
Specific Conductance = 94 umhos/cm
Water Temperature = 20.7 degrees Celsius
The well is continuously pumping.

LABORATORY ANALYSES

0	CHLOROFORM	LT	500 ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		4270 ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		26400 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	500 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	500 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	500 ug/l	M-Area,SRS

WELL RWM 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/13/89 Time 920
pH = 4.6 Alkalinity = 0 mg/L
Specific Conductance = 97 umhos/cm
Water Temperature = 18.2 degrees Celsius
The well is continuously pumping.

LABORATORY ANALYSES

0	BROMODICHLOROMETHANE	LT	1250 ug/l	Env. Lab.
0	TRICHLOROFLUOROMETHANE	LT	1250 ug/l	Env. Lab.
0	CARBON TETRACHLORIDE	LT	1250 ug/l	Env. Lab.
0	CARBON TETRACHLORIDE	LT	1.00 ug/l	W. A.
0	BROMOFORM	LT	1250 ug/l	Env. Lab.
0	CHLOROFORM	LT	1250 ug/l	Env. Lab.
0	CHLOROFORM	LT	1 ug/l	W. A.
0	CHLOROFORM	LT	500 ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	1250 ug/l	Env. Lab.
0	BROMOMETHANE	LT	1250 ug/l	Env. Lab.
0	CHLOROMETHANE	LT	1250 ug/l	Env. Lab.
0	CHLOROBENZENE	LT	1250 ug/l	Env. Lab.
0	CHLOROETHENE	LT	1250 ug/l	Env. Lab.
0	CHLOROETHANE	LT	1250 ug/l	Env. Lab.
0	BENZENE	LT	1250 ug/l	Env. Lab.
0	DIBROMOCHLOROMETHANE	LT	1250 ug/l	Env. Lab.
0	ETHYLBENZENE	LT	1250 ug/l	Env. Lab.
0	TOLUENE	LT	1250 ug/l	Env. Lab.
0	1,1,2,2-TETRACHLOROETHANE	LT	1259 ug/l	Env. Lab.
2	TETRACHLOROETHYLENE		7400 ug/l	Env. Lab.
2	TETRACHLOROETHYLENE		6500 ug/l	W. A.
2	TETRACHLOROETHYLENE		7510 ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		30000 ug/l	Env. Lab.
2	TRICHLOROETHYLENE		35000 ug/l	W. A.
2	TRICHLOROETHYLENE		32700 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1250 ug/l	Env. Lab.
0	TRANS-1,2-DICHLOROETHENE	LT	500 ug/l	M-Area,SRS
0	XYLENES	LT	1250 ug/l	Env. Lab.
0	1,1-DICHLOROETHYLENE	LT	1250 ug/l	Env. Lab.
0	1,1-DICHLOROETHYLENE	LT	500 ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	1250 ug/l	Env. Lab.
0	1,1,1-TRICHLOROETHANE	LT	1250 ug/l	Env. Lab.
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	W. A.
0	1,1,1-TRICHLOROETHANE	LT	500 ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	1250 ug/l	Env. Lab.
0	1,2-DICHLOROBENZENE	LT	1250 ug/l	Env. Lab.
0	1,2-DICHLOROETHANE	LT	1250 ug/l	Env. Lab.
0	1,2-DICHLOROPROPANE	LT	1250 ug/l	Env. Lab.
0	1,3-DICHLOROBENZENE	LT	1250 ug/l	Env. Lab.
0	CIS-1,3-DICHLOROPROPENE	LT	1250 ug/l	Env. Lab.
0	TRANS-1,3-DICHLOROPROPENE	LT	1250 ug/l	Env. Lab.
0	1,4-DICHLOROBENZENE	LT	1250 ug/l	Env. Lab.
0	2-CHLOROETHYLVINYL ETHER	LT	1250 ug/l	Env. Lab.

WELL RWM 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/13/89 Time 920
pH = 4.6 Alkalinity = 0 mg/L
Specific Conductance = 97 umhos/cm
Water Temperature = 18.2 degrees Celsius
The well is continuously pumping.

LABORATORY ANALYSES

0	CHLOROFORM	LT	200 ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		7470 ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		31900 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	200 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	200 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	200 ug/l	M-Area,SRS

WELL RWM 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/12/89 Time 855
Depth to water = 156.28 ft (47.63 m) below the TOC
Water elevation = 210.22 ft (64.08 m) msl
pH = 4.7 Alkalinity = 0 mg/L
Specific Conductance = 24 umhos/cm
Water Temperature = 18.0 degrees Celsius
The well is continuously pumping.

LABORATORY ANALYSES

0	CHLOROFORM	LT	25 ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		313 ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		7150 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	25 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	25 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	25 ug/l	M-Area,SRS

WELL RWM 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/14/89 Time 1520
Depth to water = 157.77 ft (48.09 m) below the TOC
Water elevation = 208.73 ft (63.62 m) msl
pH = 4.4 Alkalinity = 0 mg/L
Specific Conductance = 23 umhos/cm
Water Temperature = 20.2 degrees Celsius
The well is continuously pumping.

LABORATORY ANALYSES

0	CHLOROFORM	LT	25 ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	25.0 ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		5370 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	25 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	25 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	25 ug/l	M-Area,SRS

WELL RWM 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/14/89 Time 1730
Depth to water = 157.57 ft (48.03 m) below the TOC
Water elevation = 208.93 ft (63.68 m) msl
pH = 4.9 Alkalinity = 0 mg/L
Specific Conductance = 25 umhos/cm
Water Temperature = 20.3 degrees Celsius
The well is continuously pumping.

LABORATORY ANALYSES

0	CHLOROFORM	LT	200 ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	200 ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		7430 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	200 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	200 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	200 ug/l	M-Area,SRS

WELL RWM 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/12/89 Time 1305
Depth to water = 146.36 ft (44.61 m) below the TOC
Water elevation = 220.54 ft (67.22 m) msl
pH = 4.7 Alkalinity = 0 mg/L
Specific Conductance = 31 umhos/cm
Water Temperature = 19.1 degrees Celsius
The well is continuously pumping.

LABORATORY ANALYSES

0	CHLOROFORM	LT	20	ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		830	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		1470	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	20	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	20	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	20	ug/l	M-Area,SRS

WELL RWM 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/14/89 Time 1555
Depth to water = 146.84 ft (44.76 m) below the TOC
Water elevation = 220.06 ft (67.08 m) msl
pH = 4.4 Alkalinity = 0 mg/L
Specific Conductance = 31 umhos/cm
Water Temperature = 20.5 degrees Celsius
The well is continuously pumping.

LABORATORY ANALYSES

0	CHLOROFORM	LT	20	ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		680	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		1320	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	20	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	20	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	20	ug/l	M-Area,SRS

WELL RWM 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/13/89 Time 850
Depth to water = 147.38 ft (44.92 m) below the TOC
Water elevation = 219.52 ft (66.91 m) msl
pH = 5.0 Alkalinity = 1 mg/L
Specific Conductance = 34 umhos/cm
Water Temperature = 17.6 degrees Celsius
The well is continuously pumping.

LABORATORY ANALYSES

0	CHLOROFORM	LT	20	ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		1130	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		2080	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	20	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	20	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	20	ug/l	M-Area,SRS

WELL RWM 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/12/89 Time 830
Depth to water = 166.81 ft (50.84 m) below the TOC
Water elevation = 182.29 ft (55.56 m) msl
pH = 4.7 Alkalinity = 0 mg/L
Specific Conductance = 33 umhos/cm
Water Temperature = 18.6 degrees Celsius
The well is continuously pumping.

LABORATORY ANALYSES

0	CHLOROFORM	LT	500	ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		8850	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		10700	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	500	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	500	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	500	ug/l	M-Area,SRS

WELL RWM 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/14/89 Time 1445
Depth to water = 178.93 ft (54.54 m) below the TOC
Water elevation = 170.17 ft (51.87 m) msl
pH = 4.4 Alkalinity = 0 mg/L
Specific Conductance = 33 umhos/cm
Water Temperature = 20.4 degrees Celsius
The well is continuously pumping.

LABORATORY ANALYSES

0	CHLOROFORM	LT	500	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	5000	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		7510	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	500	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	500	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	500	ug/l	M-Area,SRS

WELL RWM 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/14/89 Time 1800
Depth to water = 166.85 ft (50.85 m) below the TOC
Water elevation = 182.28 ft (55.56 m) msl
pH = 4.8 Alkalinity = 0 mg/L
Specific Conductance = 38 umhos/cm
Water Temperature = 20.7 degrees Celsius
The well is continuously pumping.

LABORATORY ANALYSES

0	CHLOROFORM	LT	500	ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		9170	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		12900	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	500	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	500	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	500	ug/l	M-Area,SRS

WELL RWM 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/12/89 Time 815
Depth to water = 126.77 ft (38.64 m) below the TOC
Water elevation = 222.23 ft (67.74 m) msl
pH = 4.6 Alkalinity = 0 mg/L
Specific Conductance = 62 umhos/cm
Water Temperature = 19.0 degrees Celsius
The well is continuously pumping.

LABORATORY ANALYSES

0	CHLOROFORM	LT	50	ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		4910	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		2900	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	50	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	50	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	50	ug/l	M-Area,SRS

WELL RWM 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/14/89 Time 1435
Depth to water = 128.95 ft (39.30 m) below the TOC
Water elevation = 220.05 ft (67.07 m) msl
pH = 4.4 Alkalinity = 0 mg/L
Specific Conductance = 65 umhos/cm
Water Temperature = 20.7 degrees Celsius
The well is continuously pumping.

LABORATORY ANALYSES

0	CHLOROFORM	LT	50	ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		4650	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		2710	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	50	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	50	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	50	ug/l	M-Area,SRS

WELL RWM 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/14/89 Time 1810
Depth to water = 155.45 ft (47.38 m) below the TOC
Water elevation = 193.55 ft (58.99 m) msl
pH = 4.6 Alkalinity = 0 mg/L
Specific Conductance = 78 umhos/cm
Water Temperature = 20.0 degrees Celsius
The well is continuously pumping.

LABORATORY ANALYSES

0	CHLOROFORM	LT	50	ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		5840	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		3770	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	50	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	50	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	50	ug/l	M-Area,SRS

WELL RWM 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/12/89 Time 1150
Depth to water = 144.04 ft (43.90 m) below the TOC
Water elevation = 204.26 ft (62.26 m) msl
pH = 4.8 Alkalinity = 0 mg/L
Specific Conductance = 160 umhos/cm
Water Temperature = 18.5 degrees Celsius
The well is continuously pumping.

LABORATORY ANALYSES

0	CHLOROFORM	LT	2	ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		76.4	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		79.7	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	2	ug/l	M-Area,SRS
1	1,1-DICHLOROETHYLENE		24	ug/l	M-Area,SRS
1	1,1,1-TRICHLOROETHANE		18	ug/l	M-Area,SRS

WELL RWM 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/14/89 Time 1325
Depth to water = 144.97 ft (44.19 m) below the TOC
Water elevation = 203.33 ft (61.98 m) msl
pH = 4.5 Alkalinity = 0 mg/L
Specific Conductance = 146 umhos/cm
Water Temperature = 20.3 degrees Celsius
The well is continuously pumping.

LABORATORY ANALYSES

0	CHLOROFORM	LT	2	ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		64.6	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		82.2	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	2	ug/l	M-Area,SRS
1	1,1-DICHLOROETHYLENE		10	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	2	ug/l	M-Area,SRS

WELL RWM 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/14/89 Time 1715
Depth to water = 144.94 ft (44.18 m) below the TOC
Water elevation = 203.36 ft (61.98 m) msl
pH = 4.9 Alkalinity = 0 mg/L
Specific Conductance = 182 umhos/cm
Water Temperature = 20.5 degrees Celsius
The well is continuously pumping.

LABORATORY ANALYSES

0	CHLOROFORM	LT	2	ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		85.0	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		109	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	2	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	2	ug/l	M-Area,SRS
1	1,1,1-TRICHLOROETHANE		19	ug/l	M-Area,SRS

WELL RWM 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/12/89 Time 805
Depth to water = 155.46 ft (47.38 m) below the TOC
Water elevation = 225.14 ft (68.62 m) msl
pH = 4.7 Alkalinity = 0 mg/L
Specific Conductance = 37 umhos/cm
Water Temperature = 18.6 degrees Celsius
The well is continuously pumping.

LABORATORY ANALYSES

0	CHLOROFORM	LT	10	ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		55.0	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		415	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	10	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	10	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	10	ug/l	M-Area,SRS

WELL RWM 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/14/89 Time 1425
Depth to water = 156.25 ft (47.63 m) below the TOC
Water elevation = 224.35 ft (68.38 m) msl
pH = 4.4 Alkalinity = 0 mg/L
Specific Conductance = 39 umhos/cm
Water Temperature = 20.6 degrees Celsius
The well is continuously pumping.

LABORATORY ANALYSES

0	CHLOROFORM	LT	10	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	10.0	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		409	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	10	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	10	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	10	ug/l	M-Area,SRS

WELL RWM 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/13/89 Time 1405
Depth to water = 156.07 ft (47.57 m) below the TOC
Water elevation = 224.53 ft (68.44 m) msl
pH = 4.8 Alkalinity = 0 mg/L
Specific Conductance = 39 umhos/cm
Water Temperature = 19.7 degrees Celsius
The well is continuously pumping.

LABORATORY ANALYSES

0	CHLOROFORM	LT	10	ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		50.0	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		488	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	10	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	10	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	10	ug/l	M-Area,SRS

WELL RWM 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/12/89 Time 1205
Depth to water = 162.72 ft (49.60 m) below the TOC
Water elevation = 192.78 ft (58.76 m) msl
pH = 4.6 Alkalinity = 0 mg/L
Specific Conductance = 148 umhos/cm
Water Temperature = 18.6 degrees Celsius
The well is continuously pumping.

LABORATORY ANALYSES

0	CHLOROFORM	LT	250	ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		8670	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		4510	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	250	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	250	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	250	ug/l	M-Area,SRS

WELL RWM 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/19/89 Time 1725
Depth to water = 163.23 ft (49.75 m) below the TOC
Water elevation = 192.27 ft (58.60 m) msl
pH = 4.6 Alkalinity = 0 mg/L
Specific Conductance = 143 umhos/cm
Water Temperature = 17.3 degrees Celsius
The well is continuously pumping.

LABORATORY ANALYSES

0	CHLOROFORM	LT	250 ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		7330 ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		3940 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	250 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	250 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	250 ug/l	M-Area,SRS

WELL RWM 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/24/89 Time 1820
Depth to water = 161.18 ft (49.13 m) below the TOC
Water elevation = 194.32 ft (59.23 m) msl
pH = 4.6 Alkalinity = 0 mg/L
Specific Conductance = 152 umhos/cm
Water Temperature = 18.5 degrees Celsius
The well is continuously pumping.

LABORATORY ANALYSES

0	CHLOROFORM	LT	250 ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		13100 ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		6640 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	250 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	250 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	250 ug/l	M-Area,SRS

WELL RWM 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/12/89 Time 750
Depth to water = 169.59 ft (51.69 m) below the TOC
Water elevation = 213.71 ft (65.14 m) msl
pH = 4.1 Alkalinity = 0 mg/L
Specific Conductance = 59 umhos/cm
Water Temperature = 18.6 degrees Celsius
The well is continuously pumping.

LABORATORY ANALYSES

0	CHLOROFORM	LT	100 ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		991 ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		7230 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	100 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	100 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	100 ug/l	M-Area,SRS

WELL RWM 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/14/89 Time 1410
Depth to water = 171.94 ft (52.41 m) below the TOC
Water elevation = 211.36 ft (64.42 m) msl
pH = 3.9 Alkalinity = 0 mg/L
Specific Conductance = 61 umhos/cm
Water Temperature = 21.4 degrees Celsius
The well is continuously pumping.

LABORATORY ANALYSES

0	CHLOROFORM	LT	50 ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	50.0 ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		3750 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	50 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	50 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	50 ug/l	M-Area,SRS

WELL RWM 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/13/89 Time 1350
Depth to water = 169.58 ft (51.69 m) below the TOC
Water elevation = 213.72 ft (65.14 m) msl
pH = 4.2 Alkalinity = 0 mg/L
Specific Conductance = 63 umhos/cm
Water Temperature = 19.8 degrees Celsius
The well is continuously pumping.

LABORATORY ANALYSES

0	CHLOROFORM	LT	100 ug/l	M-Area,SRS
2	TETRACHLOROETHYLENE		1120 ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		8080 ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	100 ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	100 ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	100 ug/l	M-Area,SRS

WELL SBG 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/10/89 Time 1400
Depth to water = 26.83 ft (8.18 m) below the TOC
Water elevation = 235.57 ft (71.80 m) msl
pH = 4.8 Alkalinity = 0 mg/L
Specific Conductance = 41 umhos/cm
Water Temperature = 18.5 degrees Celsius
Water evacuated from the well prior to sampling = 117 gal

LABORATORY ANALYSES

0	PH		4.64 pH	Env. Eng.
0	SILVER	LT	2 ug/l	Env. Eng.
0	CALCIUM		749 ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00 ug/l	Env. Eng.
0	CHLOROFORM	LT	1 ug/l	Env. Eng.
0	MERCURY		0.35 ug/l	Env. Eng.
0	LEAD	LT	6 ug/l	Env. Eng.
0	PHENOLS	LT	5 ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00 ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1000 ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5 ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00 ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	Env. Eng.
0	GROSS ALPHA		1.73+-0.78 pCi/l	HP, 735A
0	NONVOLATILE BETA		1.39+-0.87 pCi/l	HP, 735A
0	NONVOLATILE BETA	LT	2 pCi/l	Rad. Meas.
2	TRITIUM		24.90+-0.81 pCi/ml	HP, 735A
2	TRITIUM		20.00+-0.49 pCi/ml	Rad. Meas.

WELL SBG 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/10/89 Time 1250
Depth to water = 54.35 ft (16.57 m) below the TOC
Water elevation = 235.65 ft (71.83 m) msl
pH = 5.0 Alkalinity = 0 mg/L
Specific Conductance = 19 umhos/cm
Water Temperature = 18.7 degrees Celsius
Water evacuated from the well prior to sampling = 77 gal

LABORATORY ANALYSES

0	PH		4.72 pH	Env. Eng.
0	SILVER	LT	2 ug/l	Env. Eng.
0	CALCIUM		856 ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00 ug/l	Env. Eng.
0	CHLOROFORM	LT	1 ug/l	Env. Eng.
0	MERCURY	LT	0.20 ug/l	Env. Eng.
0	MERCURY	LT	0.20 ug/l	Env. Eng.
0	LEAD		10 ug/l	Env. Eng.
0	PHENOLS	LT	5 ug/l	Env. Eng.
0	PHENOLS	LT	5 ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00 ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000 ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5 ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00 ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1 ug/l	Env. Eng.
0	GROSS ALPHA		0.65+-0.51 pCi/l	HP, 735A
0	NONVOLATILE BETA		1.21+-0.85 pCi/l	HP, 735A
0	NONVOLATILE BETA	LT	2 pCi/l	Rad. Meas.
1	TRITIUM		13.50+-0.65 pCi/ml	HP, 735A
1	TRITIUM		13.20+-0.38 pCi/ml	Rad. Meas.

WELL SBG 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/10/89 Time 1325
Depth to water = 50.83 ft (15.49 m) below the TOC
Water elevation = 235.77 ft (71.86 m) msl
pH = 5.0 Alkalinity = 0 mg/L
Specific Conductance = 17 umhos/cm
Water Temperature = 18.0 degrees Celsius
Water evacuated from the well prior to sampling = 76 gal

LABORATORY ANALYSES

0	PH		4.77	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	CALCIUM		585	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	LEAD		15	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		16	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	GROSS ALPHA		2.26+-1.25	pCi/l	HP, 735A
0	NONVOLATILE BETA		2.01+-1.64	pCi/l	HP, 735A
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
1	TRITIUM		16.20+-0.69	pCi/ml	HP, 735A
1	TRITIUM		13.10+-0.38	pCi/ml	Rad. Meas.

WELL SBG 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/10/89 Time 1555
Depth to water = 34.50 ft (10.52 m) below the TOC
Water elevation = 238.60 ft (72.73 m) msl
pH = 5.0 Alkalinity = 0 mg/L
Specific Conductance = 30 umhos/cm
Water Temperature = 18.6 degrees Celsius
Water evacuated from the well prior to sampling = 144 gal

LABORATORY ANALYSES

0	PH		4.71	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	CALCIUM		828	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
1	CHLOROFORM		3	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	LEAD		14	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		5.17	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		85	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		93.5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	GROSS ALPHA		1.95+-1.18	pCi/l	HP, 735A
0	NONVOLATILE BETA		3.15+-1.76	pCi/l	HP, 735A
0	NONVOLATILE BETA		5.62+-1.20	pCi/l	Rad. Meas.
1	TRITIUM		15.60+-0.68	pCi/ml	HP, 735A
1	TRITIUM		10.10+-0.34	pCi/ml	Rad. Meas.

WELL SBG 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/10/89 Time 1520
Depth to water = 37.70 ft (11.49 m) below the TOC
Water elevation = 246.80 ft (75.23 m) msl
pH = 6.4 Alkalinity = 13 mg/L
Specific Conductance = 55 umhos/cm
Water Temperature = 19.5 degrees Celsius
Water evacuated from the well prior to sampling = 123 gal

LABORATORY ANALYSES

0	PH		6.24	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	CALCIUM		7060	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		2.89	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		10	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		5.48	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	GROSS ALPHA		2.58+-0.93	pCi/l	HP, 735A
0	NONVOLATILE BETA		1.18+-0.85	pCi/l	HP, 735A
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TRITIUM		4.44+-0.50	pCi/ml	HP, 735A
0	TRITIUM		4.23+-0.28	pCi/ml	Rad. Meas.

WELL SBG 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/10/89 Time 1425
Depth to water = 39.88 ft (12.16 m) below the TOC
Water elevation = 241.82 ft (73.71 m) msl
pH = 5.0 Alkalinity = 0 mg/L
Specific Conductance = 31 umhos/cm
Water Temperature = 18.4 degrees Celsius
Water evacuated from the well prior to sampling = 88 gal

LABORATORY ANALYSES

0	PH		4.91	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	CALCIUM		919	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
1	CHLOROFORM		2	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
2	LEAD		62	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		4600	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	GROSS ALPHA		0.69+-0.67	pCi/l	HP, 735A
0	NONVOLATILE BETA		3.12+-1.12	pCi/l	HP, 735A
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
1	TRITIUM		12.80+-0.64	pCi/ml	HP, 735A
1	TRITIUM		10.30+-0.35	pCi/ml	Rad. Meas.

WELL SLP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/08/89 Time 1440
Depth to water = 42.81 ft (13.05 m) below the TOC
Water elevation = 241.99 ft (73.76 m) msl
pH = 5.5 Alkalinity = 2 mg/L
Specific Conductance = 26 umhos/cm
Water Temperature = 11.4 degrees Celsius
Water evacuated from the well prior to sampling = 3 gal
The well went dry during purging.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		21.50	UMHC	Env. Eng.
0	PH		5.38	pH	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CALCIUM		1210	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
1	MANGANESE		42	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
1	TRITIUM		12.00+-0.36	pCi/ml	Rad. Meas.

WELL SLP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/08/89 Time 1150
Depth to water = 41.92 ft (12.78 m) below the TOC
Water elevation = 241.88 ft (73.73 m) msl
pH = 7.1 Alkalinity = 19 mg/L
Specific Conductance = 55 umhos/cm
Water Temperature = 18.7 degrees Celsius
Water evacuated from the well prior to sampling = 77 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		45.00	UMHC	Env. Eng.
0	PH		6.29	pH	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CALCIUM		8360	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MANGANESE		9	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
1	TRITIUM		11.90+-0.36	pCi/ml	Rad. Meas.

WELL SRW 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/22/89 Time 1220
The well was dry.

WELL SRW 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/22/89 Time 1150
Depth to water = 106.78 ft (32.55 m) below the TOC
Water elevation = 213.82 ft (65.17 m) msl
pH = 4.5 Alkalinity = 0 mg/L
Specific Conductance = 46 umhos/cm
Water Temperature = 17.7 degrees Celsius
Water evacuated from the well prior to sampling = 57 gal

LABORATORY ANALYSES

0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
1	CHLOROFORM		11	ug/l	Env. Eng.
1	CHLOROFORM		18	ug/l	M-Area,SRS
0	IRON		26	ug/l	Env. Eng.
0	MANGANESE		7	ug/l	Env. Eng.
0	SODIUM		3140	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1300	ug/l	Env. Eng.
0	LEAD		8	ug/l	Env. Eng.
0	SULFATE		6300	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
1	TRICHLOROETHYLENE		1.84	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	ZINC		27	ug/l	Env. Eng.
0	GROSS ALPHA		2.12+-1.28	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM		2.20+-0.82	pCi/l	Rad. Meas.

WELL SRW 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/22/89 Time 1200
Depth to water = 114.83 ft (35.00 m) below the TOC
Water elevation = 205.77 ft (62.72 m) msl
pH = 4.7 Alkalinity = 0 mg/L
Specific Conductance = 19 umhos/cm
Water Temperature = 17.9 degrees Celsius
Water evacuated from the well prior to sampling = 358 gal

LABORATORY ANALYSES

0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
2	IRON		2520	ug/l	Env. Eng.
0	MANGANESE		9	ug/l	Env. Eng.
0	SODIUM		1550	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		299	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		294	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	SULFATE		1600	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	ZINC		167	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.

WELL SRW 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/22/89 Time 1135
Depth to water = 113.55 ft (34.61 m) below the TOC
Water elevation = 207.05 ft (63.11 m) msl
pH = 5.0 Alkalinity = 1 mg/L
Specific Conductance = 18 umhos/cm
Water Temperature = 18.3 degrees Celsius
Water evacuated from the well prior to sampling = 151 gal

LABORATORY ANALYSES

0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	IRON	LT	20	ug/l	Env. Eng.
0	MANGANESE		8	ug/l	Env. Eng.

CONTINUED

WELL SRW 2B COLLECTED ON 01/22/89 LABORATORY ANALYSES CONTINUED

0	SODIUM		1340	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		506	ug/l	Env. Eng.
0	LEAD		10	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	ZINC		19	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.38+-0.68	pCi/l	Rad. Meas.

WELL SRW 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/22/89 Time 1055
Depth to water = 118.79 ft (36.21 m) below the TOC
Water elevation = 213.31 ft (65.02 m) msl
pH = 4.8 Alkalinity = 1 mg/L
Specific Conductance = 18 umhos/cm
Water Temperature = 17.9 degrees Celsius
Water evacuated from the well prior to sampling = 131 gal

LABORATORY ANALYSES

0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	IRON	LT	20	ug/l	Env. Eng.
0	MANGANESE		7	ug/l	Env. Eng.
0	SODIUM		1340	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		477	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		480	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	ZINC		7	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.79+-0.44	pCi/l	Rad. Meas.

WELL SRW 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/21/89 Time 1520
Depth to water = 107.43 ft (32.75 m) below the TOC
Water elevation = 212.67 ft (64.82 m) msl
pH = 4.6 Alkalinity = 0 mg/L
Specific Conductance = 54 umhos/cm
Water Temperature = 17.5 degrees Celsius
Water evacuated from the well prior to sampling = 33 gal

LABORATORY ANALYSES

0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
1	CHLOROFORM		13	ug/l	Env. Eng.
1	CHLOROFORM		13	ug/l	M-Area,SRS
0	IRON		89	ug/l	Env. Eng.
0	MANGANESE		9	ug/l	Env. Eng.
0	SODIUM		4480	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		2710	ug/l	Env. Eng.
2	LEAD		30	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		9	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	ZINC		28	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	GROSS ALPHA		1.67+-1.24	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.92+-0.96	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.95+-0.96	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.44+-0.60	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.97+-0.79	pCi/l	Rad. Meas.

WELL SRW 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/21/89 Time 1550
Depth to water = 98.61 ft (30.06 m) below the TOC
Water elevation = 210.79 ft ([illegible] m) msl
pH = 4.8 Alkalinity = 0 mg/L
Specific Conductance = 31 umhos/cm
Water Temperature = 17.6 degrees Celsius
Water evacuated from the well prior to sampling = 42 gal

LABORATORY ANALYSES

0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
1	CHLOROFORM		5	ug/l	Env. Eng.
1	CHLOROFORM		6	ug/l	M-Area,SRS
0	IRON	LT	20	ug/l	Env. Eng.
0	MANGANESE		6	ug/l	Env. Eng.
0	SODIUM		1690	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		531	ug/l	Env. Eng.
0	LEAD		16	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		7	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	ZINC		83	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.

WELL SRW 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/21/89 Time 1805
Depth to water = 96.26 ft (29.34 m) below the TOC
Water elevation = 211.44 ft (64.45 m) msl
pH = 5.1 Alkalinity = 1 mg/L
Specific Conductance = 32 umhos/cm
Water Temperature = 17.5 degrees Celsius
Water evacuated from the well prior to sampling = 49 gal

LABORATORY ANALYSES

0	ARSENIC	LT	2	ug/l	Env. Eng.
1	CARBON TETRACHLORIDE		2.00	ug/l	Env. Eng.
1	CHLOROFORM		28	ug/l	Env. Eng.
1	CHLOROFORM		27	ug/l	M-Area,SRS
0	IRON	LT	20	ug/l	Env. Eng.
0	MANGANESE		5	ug/l	Env. Eng.
0	SODIUM		3840	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1590	ug/l	Env. Eng.
0	LEAD		7	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		25	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		29	ug/l	Env. Eng.
1	TRICHLOROETHYLENE		2.00	ug/l	Env. Eng.
1	TRICHLOROETHYLENE		2.39	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	ZINC		34	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		0.95+-0.90	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.70+-0.44	pCi/l	Rad. Meas.

WELL SRW 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/21/89 Time 1735
Depth to water = 88.97 ft (27.12 m) below the TOC
Water elevation = 210.13 ft (64.05 m) msl
pH = 4.9 Alkalinity = 0 mg/L
Specific Conductance = 28 umhos/cm
Water Temperature = 19.0 degrees Celsius
Water evacuated from the well prior to sampling = 33 gal

LABORATORY ANALYSES

0	ARSENIC	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
2	CARBON TETRACHLORIDE		9.00	ug/l	Env. Eng.
1	CHLOROFORM		16	ug/l	Env. Eng.
1	CHLOROFORM		13	ug/l	M-Area,SRS
0	IRON		24	ug/l	Env. Eng.
0	IRON		24	ug/l	Env. Eng.
0	MANGANESE		3	ug/l	Env. Eng.
0	MANGANESE		4	ug/l	Env. Eng.
0	SODIUM		1970	ug/l	Env. Eng.
0	SODIUM		1880	ug/l	Env. Eng.

CONTINUED

WELL SRW 7 COLLECTED ON 01/21/89 LABORATORY ANALYSES CONTINUED

0	NITRATE AS NITROGEN		650	ug/l	Env. Eng.
0	LEAD		17	ug/l	Env. Eng.
0	LEAD		15	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		3.00	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		3.27	ug/l	M-Area,SRS
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		30	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		9.00	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		8.69	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	ZINC		78	ug/l	Env. Eng.
0	ZINC		77	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.98+-0.54	pCi/l	Rad. Meas.

WELL SRW 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/21/89 Time 1005
Depth to water = 80.55 ft (24.55 m) below the TOC
Water elevation = 207.55 ft (63.26 m) msl
pH = 5.2 Alkalinity = 2 mg/L
Specific Conductance = 23 umhos/cm
Water Temperature = 17.1 degrees Celsius
Water evacuated from the well prior to sampling = 31 gal

LABORATORY ANALYSES

0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
1	CHLOROFORM		4	ug/l	Env. Eng.
1	CHLOROFORM		5	ug/l	M-Area,SRS
0	IRON		38	ug/l	Env. Eng.
0	MANGANESE		4	ug/l	Env. Eng.
0	SODIUM		1750	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		577	ug/l	Env. Eng.
0	LEAD		16	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		13	ug/l	Env. Eng.
1	TRICHLOROETHYLENE		2.00	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		3.30	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
1	1,1,1-TRICHLOROETHANE		3	ug/l	M-Area,SRS
0	ZINC		39	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.11+-0.90	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.83+-0.46	pCi/l	Rad. Meas.

WELL SRW 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/21/89 Time 1130
Depth to water = 56.40 ft (17.19 m) below the TOC
Water elevation = 197.00 ft (60.05 m) msl
pH = 5.1 Alkalinity = 2 mg/L
Specific Conductance = 17 umhos/cm
Water Temperature = 17.4 degrees Celsius
Water evacuated from the well prior to sampling = 90 gal

LABORATORY ANALYSES

0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
1	CHLOROFORM		2	ug/l	Env. Eng.
1	CHLOROFORM		1	ug/l	Env. Eng.
1	CHLOROFORM		2	ug/l	M-Area,SRS
0	IRON	LT	20	ug/l	Env. Eng.
0	MANGANESE		4	ug/l	Env. Eng.
0	SODIUM		1420	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		449	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		6	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		4.00	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		4.00	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		3.90	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	ZINC		25	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.51+-0.40	pCi/l	Rad. Meas.

WELL SRW 9A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/21/89 Time 1150
Depth to water = 56.08 ft (17.09 m) below the TOC
Water elevation = 197.22 ft (60.11 m) msl
pH = 4.8 Alkalinity = 0 mg/L
Specific Conductance = 19 umhos/cm
Water Temperature = 17.2 degrees Celsius
Water evacuated from the well prior to sampling = 215 gal

LABORATORY ANALYSES

0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	IRON	LT	20	ug/l	Env. Eng.
0	MANGANESE		3	ug/l	Env. Eng.
0	SODIUM		1630	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		778	ug/l	Env. Eng.
0	LEAD		6	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	ZINC		31	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.

WELL SRW 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/21/89 Time 1200
Depth to water = 55.26 ft (16.84 m) below the TOC
Water elevation = 198.14 ft (60.39 m) msl
pH = 4.9 Alkalinity = 0 mg/L
Specific Conductance = 18 umhos/cm
Water Temperature = 17.3 degrees Celsius
Water evacuated from the well prior to sampling = 180 gal

LABORATORY ANALYSES

0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	IRON	LT	20	ug/l	Env. Eng.
0	MANGANESE		7	ug/l	Env. Eng.
0	SODIUM		1770	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		443	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	ZINC		83	ug/l	Env. Eng.
0	GROSS ALPHA		2.82+-1.13	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.49+-0.91	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.97+-0.66	pCi/l	Rad. Meas.

WELL SRW 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/21/89 Time 1615
pH = 5.0 Alkalinity = 0 mg/L
Specific Conductance = 25 umhos/cm
Water Temperature = 18.0 degrees Celsius
Water evacuated from the well prior to sampling = 38 gal

LABORATORY ANALYSES

0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
1	CHLOROFORM		1	ug/l	M-Area,SRS
0	IRON		36	ug/l	Env. Eng.
0	MANGANESE		4	ug/l	Env. Eng.
0	SODIUM		2470	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		534	ug/l	Env. Eng.
0	LEAD		15	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		6	ug/l	Env. Eng.

CONTINUED

WELL SRW 10 COLLECTED ON 01/21/89 LABORATORY ANALYSES CONTINUED

0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
1	TRICHLOROETHYLENE		1.13	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	ZINC		36	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.72+-0.50	pCi/l	Rad. Meas.

WELL SRW 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/21/89 Time 1645
Depth to water = 85.95 ft (26.20 m) below the TOC
Water elevation = 209.85 ft (63.96 m) msl
pH = 4.6 Alkalinity = 0 mg/L
Specific Conductance = 22 umhos/cm
Water Temperature = 17.9 degrees Celsius
Water evacuated from the well prior to sampling = 50 gal

LABORATORY ANALYSES

0	ARSENIC	LT	2	ug/l	Env. Eng.
2	CARBON TETRACHLORIDE		8.00	ug/l	Env. Eng.
1	CHLOROFORM		6	ug/l	Env. Eng.
1	CHLOROFORM		6	ug/l	M-Area,SRS
0	IRON	LT	20	ug/l	Env. Eng.
0	MANGANESE		3	ug/l	Env. Eng.
0	SODIUM		2330	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		493	ug/l	Env. Eng.
0	LEAD		16	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		4.00	ug/l	Env. Eng.
1	TETRACHLOROETHYLENE		4.21	ug/l	M-Area,SRS
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		28	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		7.00	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		7.51	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	ZINC		36	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	GROSS ALPHA		1.21+-0.98	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.86+-0.94	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.87+-0.48	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.63+-0.63	pCi/l	Rad. Meas.

WELL SRW 12A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/21/89 Time 1100
Depth to water = 43.91 ft (13.38 m) below the TOC
Water elevation = 192.39 ft (58.64 m) msl
pH = 4.6 Alkalinity = 0 mg/L
Specific Conductance = 19 umhos/cm
Water Temperature = 17.7 degrees Celsius
Water evacuated from the well prior to sampling = 246 gal

LABORATORY ANALYSES

0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	IRON	LT	20	ug/l	Env. Eng.
0	MANGANESE		4	ug/l	Env. Eng.
0	SODIUM		1480	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		693	ug/l	Env. Eng.
0	LEAD		7	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	ZINC		19	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.

WELL SRW 12B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/21/89 Time 1045
Depth to water = 49.98 ft (15.23 m) below the TOC
Water elevation = 186.32 ft (56.79 m) msl
pH = 5.4 Alkalinity = 1 mg/L
Specific Conductance = 14 umhos/cm
Water Temperature = 17.7 degrees Celsius
Water evacuated from the well prior to sampling = 104 gal

LABORATORY ANALYSES

0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
1	CHLOROFORM		1	ug/l	M-Area,SRS
0	IRON		36	ug/l	Env. Eng.
0	MANGANESE		3	ug/l	Env. Eng.
0	SODIUM		1090	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		84	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	ZINC		69	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.49+-0.42	pCi/l	Rad. Meas.

WELL SRW 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/10/89 Time 1850
Depth to water = 44.02 ft (13.42 m) below the TOC
Water elevation = 192.28 ft (58.61 m) msl
pH = 5.3 Alkalinity = 1 mg/L
Specific Conductance = 13 umhos/cm
Water Temperature = 18.3 degrees Celsius
Water evacuated from the well prior to sampling = 46 gal

LABORATORY ANALYSES

0	ARSENIC	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	TRICHLOROFLUOROMETHANE	LT	1	ug/l	Env. Lab.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Lab.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	W. A.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	BROMOFORM	LT	1	ug/l	Env. Lab.
0	CHLOROFORM	LT	1	ug/l	Env. Lab.
0	CHLOROFORM	LT	1	ug/l	W. A.
1	CHLOROFORM		2	ug/l	Env. Eng.
1	CHLOROFORM		2	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	1	ug/l	Env. Lab.
0	BROMOMETHANE	LT	1	ug/l	Env. Lab.
0	CHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	CHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	CHLOROETHENE	LT	1	ug/l	Env. Lab.
0	CHLOROETHANE	LT	1	ug/l	Env. Lab.
0	BENZENE	LT	1	ug/l	Env. Lab.
0	DIBROMOCHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	ETHYLBENZENE	LT	1	ug/l	Env. Lab.
0	IRON		77	ug/l	Env. Eng.
0	TOLUENE	LT	1	ug/l	Env. Lab.
0	MANGANESE		4	ug/l	Env. Eng.
0	SODIUM		1000	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		114	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		118	ug/l	Env. Eng.
0	LEAD		19	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	1	ug/l	Env. Lab.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Lab.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	W. A.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
1	TRICHLOROETHYLENE		2.30	ug/l	Env. Lab.
1	TRICHLOROETHYLENE		2.00	ug/l	W. A.
1	TRICHLOROETHYLENE		1.29	ug/l	Env. Eng.
1	TRICHLOROETHYLENE		2.21	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	Env. Lab.
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	XYLENES	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	W. A.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROPROPANE	LT	1	ug/l	Env. Lab.

CONTINUED

WELL SRW 12C COLLECTED ON 03/10/89 LABORATORY ANALYSES CONTINUED

0	1,3-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	CIS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab.
0	TRANS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab.
0	1,4-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	2-CHLOROETHYLVINYL ETHER	LT	1	ug/l	Env. Lab.
0	ZINC		185	ug/l	Env. Eng.
0	GROSS ALPHA		0.54+-0.50	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		0.74+-0.73	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.

WELL SRW 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/10/89 Time 1850
Depth to water = 44.02 ft (13.42 m) below the TOC
Water elevation = 192.28 ft (58.61 m) msl
pH = 5.3 Alkalinity = 1 mg/L
Specific Conductance = 13 umhos/cm
Water Temperature = 18.3 degrees Celsius
Water evacuated from the well prior to sampling = 46 gal

LABORATORY ANALYSES

1	CHLOROFORM		2	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
1	TRICHLOROETHYLENE		1.34	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL SRW 13A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/21/89 Time 940
Depth to water = 97.33 ft (29.67 m) below the TOC
Water elevation = 200.37 ft (61.07 m) msl
pH = 4.8 Alkalinity = 0 mg/L
Specific Conductance = 19 umhos/cm
Water Temperature = 17.9 degrees Celsius
Water evacuated from the well prior to sampling = 309 gal

LABORATORY ANALYSES

0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	IRON		29	ug/l	Env. Eng.
0	MANGANESE		4	ug/l	Env. Eng.
0	SODIUM		1750	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		932	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	ZINC		16	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.

WELL SRW 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/21/89 Time 915
Depth to water = 95.73 ft (29.18 m) below the TOC
Water elevation = 201.97 ft (61.56 m) msl
pH = 4.9 Alkalinity = 0 mg/L
Specific Conductance = 18 umhos/cm
Water Temperature = 17.9 degrees Celsius
Water evacuated from the well prior to sampling = 127 gal

LABORATORY ANALYSES

0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	IRON	LT	20	ug/l	Env. Eng.
0	MANGANESE		10	ug/l	Env. Eng.
0	SODIUM		1370	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		554	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		546	ug/l	Env. Eng.
0	LEAD		11	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.

CONTINUED

WELL SRW 13B COLLECTED ON 01/21/89 LABORATORY ANALYSES CONTINUED

0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	ZINC		34	ug/l	Env. Eng.
0	ZINC		35	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.81+-0.91	pCi/l	Rad. Meas.

WELL SRW 13C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/21/89 Time 930
Depth to water = 88.90 ft (27.10 m) below the TOC
Water elevation = 208.80 ft (63.64 m) msl
pH = 5.3 Alkalinity = 2 mg/L
Specific Conductance = 22 umhos/cm
Water Temperature = 18.0 degrees Celsius
Water evacuated from the well prior to sampling = 59 gal

LABORATORY ANALYSES

0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	IRON		76	ug/l	Env. Eng.
0	MANGANESE		21	ug/l	Env. Eng.
0	SODIUM		1830	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		934	ug/l	Env. Eng.
0	LEAD		15	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL ORGANIC CARBON		4200	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
1	ZINC		262	ug/l	Env. Eng.
0	GROSS ALPHA		1.06+-0.99	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.19+-0.60	pCi/l	Rad. Meas.

WELL SRW 14A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/10/89 Time 1830
Depth to water = 124.91 ft (38.07 m) below the TOC
Water elevation = 202.09 ft (61.60 m) msl
pH = 5.1 Alkalinity = 2 mg/L
Specific Conductance = 24 umhos/cm
Water Temperature = 18.4 degrees Celsius
Water evacuated from the well prior to sampling = 229 gal

LABORATORY ANALYSES

0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	TRICHLOROFLUOROMETHANE	LT	1	ug/l	Env. Lab.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Lab.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	W. A.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	BROMOFORM	LT	1	ug/l	Env. Lab.
0	CHLOROFORM	LT	1	ug/l	Env. Lab.
0	CHLOROFORM	LT	1	ug/l	W. A.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	1	ug/l	Env. Lab.
0	BROMOMETHANE	LT	1	ug/l	Env. Lab.
0	CHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	CHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	CHLOROETHENE	LT	1	ug/l	Env. Lab.
0	CHLOROETHANE	LT	1	ug/l	Env. Lab.
0	BENZENE	LT	1	ug/l	Env. Lab.
0	DIBROMOCHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	ETHYLBENZENE	LT	1	ug/l	Env. Lab.
0	IRON	LT	20	ug/l	Env. Eng.
0	TOLUENE	LT	1	ug/l	Env. Lab.
0	MANGANESE		5	ug/l	Env. Eng.
0	SODIUM		1370	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1290	ug/l	Env. Eng.
0	LEAD		8	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	1	ug/l	Env. Lab.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Lab.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	W. A.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		10.0	ug/l	Env. Lab.
2	TRICHLOROETHYLENE		8.00	ug/l	W. A.

CONTINUED

WELL SRW 14A COLLECTED ON 03/10/89 LABORATORY ANALYSES CONTINUED

2	TRICHLOROETHYLENE		8.73	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		12.3	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	Env. Lab.
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	XYLENES	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	W. A.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROPROPANE	LT	1	ug/l	Env. Lab.
0	1,3-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	CIS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab.
0	TRANS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab.
0	1,4-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	2-CHLOROETHYLVINYL ETHER	LT	1	ug/l	Env. Lab.
0	ZINC		28	ug/l	Env. Eng.
0	GROSS ALPHA		0.47+-0.46	pCi/l	Rad. Meas
0	NONVOLATILE BETA		1.36+-0.85	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.38+-0.33	pCi/l	Rad. Meas.

WELL SRW 14A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/10/89 Time 1830
Depth to water = 124.91 ft (38.07 m) below the TOC
Water elevation = 202.09 ft (61.60 m) msl
pH = 5.1 Alkalinity = 2 mg/L
Specific Conductance = 24 umhos/cm
Water Temperature = 18.4 degrees Celsius
Water evacuated from the well prior to sampling = 229 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
2	TRICHLOROETHYLENE		8.65	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL SRW 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/21/89 Time 835
Depth to water = 122.40 ft (37.31 m) below the TOC
Water elevation = 204.50 ft (62.33 m) msl
pH = 5.5 Alkalinity = 2 mg/L
Specific Conductance = 22 umhos/cm
Water Temperature = 17.2 degrees Celsius
Water evacuated from the well prior to sampling = 179 gal

LABORATORY ANALYSES

0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	IRON		22	ug/l	Env. Eng.
0	MANGANESE		10	ug/l	Env. Eng.
0	SODIUM		1530	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1010	ug/l	Env. Eng.
0	LEAD		7	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL ORGANIC CARBON		1800	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
1	TRICHLOROETHYLENE		1.17	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	ZINC		34	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas
0	TOTAL RADIUM		0.51+-0.43	pCi/l	Rad. Meas

WELL SRW 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/21/89 Time 815
pH = 5.3 Alkalinity = 1 mg/L
Specific Conductance = 19 umhos/cm
Water Temperature = 17.5 degrees Celsius
Water evacuated from the well prior to sampling = 48 gal

LABORATORY ANALYSES

0	ARSENIC	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	IRON		73	ug/l	Env. Eng.
0	IRON		74	ug/l	Env. Eng.
0	MANGANESE		21	ug/l	Env. Eng.
0	MANGANESE		21	ug/l	Env. Eng.
0	SODIUM		1500	ug/l	Env. Eng.
0	SODIUM		1590	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		318	ug/l	Env. Eng.
0	LEAD		11	ug/l	Env. Eng.
0	LEAD		14	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	ZINC		217	ug/l	Env. Eng.
0	ZINC		213	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.89+-0.51	pCi/l	Rad. Meas.

WELL SRW 15A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/21/89 Time 1350
Depth to water = 110.53 ft (33.69 m) below the TOC
Water elevation = 208.57 ft (63.57 m) msl
pH = 5.3 Alkalinity = 3 mg/L
Specific Conductance = 24 umhos/cm
Water Temperature = 18.5 degrees Celsius
Water evacuated from the well prior to sampling = 315 gal

LABORATORY ANALYSES

0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	IRON	LT	20	ug/l	Env. Eng.
0	MANGANESE		10	ug/l	Env. Eng.
0	SODIUM		1850	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		892	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	ZINC		56	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.69+-0.50	pCi/l	Rad. Meas.

WELL SRW 15B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/21/89 Time 1325
Depth to water = 110.46 ft (33.67 m) below the TOC
Water elevation = 208.64 ft (63.59 m) msl
pH = 5.1 Alkalinity = 1 mg/L
Specific Conductance = 17 umhos/cm
Water Temperature = 18.0 degrees Celsius
Water evacuated from the well prior to sampling = 148 gal

LABORATORY ANALYSES

0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	IRON		35	ug/l	Env. Eng.
0	MANGANESE		6	ug/l	Env. Eng.
0	SODIUM		1510	ug/l	Env. Eng.

CONTINUED

WELL SRW 15B COLLECTED ON 01/21/89 LABORATORY ANALYSES CONTINUED

0	NITRATE AS NITROGEN		429	ug/l	Env. Eng.
0	LEAD		13	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	ZINC		28	ug/l	Env. Eng.
0	GROSS ALPHA		3.13+-1.16	pCi/l	Rad. Meas.
0	GROSS ALPHA		2.15+-1.05	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM		2.21+-0.78	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.69+-0.09	pCi/l	Rad. Meas.

WELL SRW 15C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/21/89 Time 1340
Depth to water = 106.80 ft (32.55 m) below the TOC
Water elevation = 212.30 ft (64.71 m) msl
pH = 5.0 Alkalinity = 0 mg/L
Specific Conductance = 18 umhos/cm
Water Temperature = 18.0 degrees Celsius
Water evacuated from the well prior to sampling = 64 gal

LABORATORY ANALYSES

0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	IRON	LT	20	ug/l	Env. Eng.
0	MANGANESE		7	ug/l	Env. Eng.
0	SODIUM		1210	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		489	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	ZINC		22	ug/l	Env. Eng.
0	GROSS ALPHA		1.53+-0.98	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	2	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.53+-0.69	pCi/l	Rad. Meas.

WELL SRW 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/22/89 Time 1015
Depth to water = 132.14 ft (40.28 m) below the TOC
Water elevation = 214.66 ft (65.43 m) msl
pH = 6.2 Alkalinity = 20 mg/L
Specific Conductance = 69 umhos/cm
Water Temperature = 17.5 degrees Celsius
Water evacuated from the well prior to sampling = 32 gal
The well went dry during purging.

LABORATORY ANALYSES

0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	IRON		38	ug/l	Env. Eng.
1	MANGANESE		26	ug/l	Env. Eng.
1	SODIUM		9800	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		472	ug/l	Env. Eng.
0	LEAD		6	ug/l	Env. Eng.
1	SULFATE		10700	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
1	1,1,1-TRICHLOROETHANE		2	ug/l	M-Area,SRS
0	ZINC		39	ug/l	Env. Eng.
0	GROSS ALPHA		1.75+-1.41	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.97+-0.97	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.00+-0.60	pCi/l	Rad. Meas.

WELL SRW 16B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/10/89 Time 1740
Depth to water = 132.65 ft (40.43 m) below the TOC
Water elevation = 214.15 ft (65.27 m) msl
pH = 4.8 Alkalinity = 1 mg/L
Specific Conductance = 19 umhos/cm
Water Temperature = 18.3 degrees Celsius
Water evacuated from the well prior to sampling = 141 gal

LABORATORY ANALYSES

0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	TRICHLOROFLUOROMETHANE	LT	1	ug/l	Env. Lab.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Lab.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	W. A.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	BROMOFORM	LT	1	ug/l	Env. Lab.
0	CHLOROFORM	LT	1	ug/l	Env. Lab.
0	CHLOROFORM	LT	1	ug/l	W. A.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
1	CHLOROFORM		2	ug/l	M-Area,SRS
0	METHYLENE CHLORIDE	LT	1	ug/l	Env. Lab.
0	BROMOMETHANE	LT	1	ug/l	Env. Lab.
0	CHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	CHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	CHLOROETHENE	LT	1	ug/l	Env. Lab.
0	CHLOROETHANE	LT	1	ug/l	Env. Lab.
0	BENZENE	LT	1	ug/l	Env. Lab.
0	DIBROMOCHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	ETHYLBENZENE	LT	1	ug/l	Env. Lab.
0	IRON		22	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	TOLUENE	LT	1	ug/l	Env. Lab.
0	MANGANESE		16	ug/l	Env. Eng.
0	MANGANESE		15	ug/l	Env. Eng.
0	SODIUM		1350	ug/l	Env. Eng.
0	SODIUM		1360	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		725	ug/l	Env. Eng.
0	LEAD		19	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	1	ug/l	Env. Lab.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Lab.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	W. A.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Lab.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	W. A.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
1	TRICHLOROETHYLENE		1.78	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	Env. Lab.
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	XYLENES	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	W. A.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	1,1,2-TRICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROPROPANE	LT	1	ug/l	Env. Lab.
0	1,3-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	CIS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab.
0	TRANS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab.
0	1,4-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	2-CHLOROETHYLVINYL ETHER	LT	1	ug/l	Env. Lab.
0	ZINC		29	ug/l	Env. Eng.
0	GROSS ALPHA		2.46+-0.80	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.40+-0.82	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.35+-0.54	pCi/l	Rad. Meas.

WELL SRW 16B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/10/89 Time 1740
Depth to water = 132.65 ft (40.43 m) below the TOC
Water elevation = 214.15 ft (65.27 m) msl
pH = 4.8 Alkalinity = 1 mg/L
Specific Conductance = 19 umhos/cm
Water Temperature = 18.3 degrees Celsius
Water evacuated from the well prior to sampling = 141 gal

LABORATORY ANALYSES

0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS

WELL SRW 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/21/89 Time 1235
Depth to water = 131.46 ft (40.07 m) below the TOC
Water elevation = 215.14 ft (65.58 m) msl
pH = 4.9 Alkalinity = 0 mg/L
Specific Conductance = 17 umhos/cm
Water Temperature = 17.0 degrees Celsius
Water evacuated from the well prior to sampling = 28 gal

LABORATORY ANALYSES

0	ARSENIC	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	M-Area,SRS
0	IRON		25	ug/l	Env. Eng.
0	MANGANESE		15	ug/l	Env. Eng.
0	SODIUM		1300	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		305	ug/l	Env. Eng.
1	LEAD		25	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	M-Area,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	M-Area,SRS
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	M-Area,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	M-Area,SRS
0	ZINC		21	ug/l	Env. Eng.
0	GROSS ALPHA		3.49+-1.20	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		4.68+-1.08	pCi/l	Rad. Meas.
1	TOTAL RADIUM		2.50+-0.85	pCi/l	Rad. Meas.

WELL SSS 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/28/89 Time 1100
Depth to water = 40.68 ft (12.40 m) below the TOC
Water elevation = 154.22 ft (47.01 m) msl
pH = 4.6 Alkalinity = 0 mg/L
Specific Conductance = 38 umhos/cm
Water Temperature = 16.4 degrees Celsius
Water evacuated from the well prior to sampling = 1 gal

WELL SSS 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/28/89 Time 1150
Depth to water = 15.90 ft (4.85 m) below the TOC
Water elevation = 149.20 ft (45.48 m) msl
pH = 4.7 Alkalinity = 1 mg/L
Specific Conductance = 31 umhos/cm
Water Temperature = 18.0 degrees Celsius
Water evacuated from the well prior to sampling = 5 gal

WELL SSS 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/28/89 Time 1215
Depth to water = 14.34 ft (4.37 m) below the TOC
Water elevation = 149.26 ft (45.50 m) msl
pH = 4.7 Alkalinity = 1 mg/L
Specific Conductance = 18 umhos/cm
Water Temperature = 17.4 degrees Celsius
Water evacuated from the well prior to sampling = 2 gal
The well went dry during purging.

WELL SSS 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/26/89 Time 1705
The well was dry.

WELL SSS 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/26/89 Time 1640
Depth to water = 52.23 ft (15.92 m) below the TOC
Water elevation = 187.77 ft (57.23 m) msl
pH = 4.9 Alkalinity = 1 mg/L
Specific Conductance = 42 umhos/cm
Water Temperature = 19.6 degrees Celsius
Water evacuated from the well prior to sampling = 1 gal

WELL SSS 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/26/89 Time 1615
The well was dry.

WELL SSS 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/28/89 Time 1635
Depth to water = 65.92 ft (20.09 m) below the TOC
Water elevation = 160.68 ft (48.98 m) msl
pH = 4.1 Alkalinity = 0 mg/L
Specific Conductance = 42 umhos/cm
Water Temperature = 17.9 degrees Celsius
Water evacuated from the well prior to sampling = 1 gal
The well went dry during purging.

WELL SSS 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/28/89 Time 1545
Depth to water = 50.03 ft (15.25 m) below the TOC
Water elevation = 151.17 ft (46.08 m) msl
pH = 4.2 Alkalinity = 0 mg/L
Specific Conductance = 22 umhos/cm
Water Temperature = 18.2 degrees Celsius
Water evacuated from the well prior to sampling = 3 gal

WELL SSS 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/28/89 Time 1620
Depth to water = 50.08 ft (15.26 m) below the TOC
Water elevation = 153.22 ft (46.70 m) msl
pH = 4.2 Alkalinity = 0 mg/L
Specific Conductance = 31 umhos/cm
Water Temperature = 17.5 degrees Celsius
Water evacuated from the well prior to sampling = 3 gal

WELL SSS 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/28/89 Time 950
Depth to water = 75.09 ft (22.89 m) below the TOC
Water elevation = 236.51 ft (72.09 m) msl
pH = 4.5 Alkalinity = 1 mg/L
Specific Conductance = 44 umhos/cm
Water Temperature = 17.3 degrees Celsius
Water evacuated from the well prior to sampling = 3 gal

WELL SSS 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/28/89 Time 1000
The well was dry.

WELL SSS 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/28/89 Time 1010
The well was dry.

WELL SSS 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/28/89 Time 1250
Depth to water = 27.79 ft (8.47 m) below the TOC
Water elevation = 194.91 ft (59.41 m) msl
pH = 4.2 Alkalinity = 0 mg/L
Specific Conductance = 22 umhos/cm
Water Temperature = 18.7 degrees Celsius
Water evacuated from the well prior to sampling = 6 gal

WELL SSS 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/26/89 Time 1720
The well was dry.

WELL SSS 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/27/89 Time 1245
Depth to water = 76.35 ft (23.27 m) below the TOC
Water elevation = 176.65 ft (53.84 m) msl
pH = 4.3 Alkalinity = 0 mg/L
Specific Conductance = 40 umhos/cm
Water Temperature = 18.8 degrees Celsius
Water evacuated from the well prior to sampling = 1 gal
The well went dry during purging.

WELL SSS 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/27/89 Time 1305
Depth to water = 96.20 ft (29.32 m) below the TOC
Water elevation = 190.30 ft (58.00 m) msl
pH = 4.8 Alkalinity = 1 mg/L
Specific Conductance = 70 umhos/cm
Water Temperature = 18.9 degrees Celsius
Water evacuated from the well prior to sampling = 1 gal
The well went dry during purging.

WELL SSS 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/28/89 Time 920
Depth to water = 52.62 ft (16.04 m) below the TOC
Water elevation = 238.28 ft (72.63 m) msl
pH = 5.0 Alkalinity = 1 mg/L
Specific Conductance = 41 umhos/cm
Water Temperature = 16.9 degrees Celsius
Water evacuated from the well prior to sampling = 8 gal

WELL SSS 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/28/89 Time 835
Depth to water = 54.02 ft (16.47 m) below the TOC
Water elevation = 246.98 ft (75.28 m) msl
pH = 4.8 Alkalinity = 1 mg/L
Specific Conductance = 25 umhos/cm
Water Temperature = 16.7 degrees Celsius
Water evacuated from the well prior to sampling = 7 gal

WELL SSS 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/28/89 Time 755
The well was dry.

WELL SSS 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/28/89 Time 1425
Depth to water = 7.89 ft (2.40 m) below the TOC
Water elevation = 195.31 ft (59.53 m) msl
pH = 5.9 Alkalinity = 29 mg/L
Specific Conductance = 89 umhos/cm
Water Temperature = 20.0 degrees Celsius
Water evacuated from the well prior to sampling = 17 gal

WELL SSS 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/28/89 Time 1355
Depth to water = 22.37 ft (6.82 m) below the TOC
Water elevation = 192.23 ft (58.59 m) msl
pH = 4.4 Alkalinity = 0 mg/L
Specific Conductance = 44 umhos/cm
Water Temperature = 19.7 degrees Celsius
Water evacuated from the well prior to sampling = 10 gal

WELL SSS 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/28/89 Time 1325
Depth to water = 41.53 ft (12.66 m) below the TOC
Water elevation = 172.27 ft (52.51 m) msl
pH = 4.1 Alkalinity = 0 mg/L
Specific Conductance = 24 umhos/cm
Water Temperature = 18.3 degrees Celsius
Water evacuated from the well prior to sampling = 8 gal

WELL TBG 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/28/89 Time 1145
Depth to water = 52.84 ft (16.11 m) below the TOC
Water elevation = 98.36 ft (29.98 m) msl
pH = 5.6 Alkalinity = 6 mg/L
Specific Conductance = 97 umhos/cm
Water Temperature = 21.3 degrees Celsius
Water evacuated from the well prior to sampling = 37 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		113.0	UMHC	Env. Eng.
0	PH		5.66	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		48	ug/l	Env. Eng.
1	BARIUM		51	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		5040	ug/l	Env. Eng.
0	CALCIUM		5070	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
2	CARBON TETRACHLORIDE		5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		6400	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	IRON	LT	20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		2130	ug/l	Env. Eng.
0	POTASSIUM		1940	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		1070	ug/l	Env. Eng.
0	MAGNESIUM		1050	ug/l	Env. Eng.
2	MANGANESE		251	ug/l	Env. Eng.

CONTINUED

WELL TBG 1 COLLECTED ON 03/28/89 LABORATORY ANALYSES CONTINUED

2	MANGANESE		245	ug/l	Env. Eng.
1	SODIUM		9360	ug/l	Env. Eng.
1	SODIUM		9480	ug/l	Env. Eng.
1	NITRATE AS NITROGEN		6050	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		13900	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		80000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1300	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		488	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		36	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		41	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		535	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	GROSS ALPHA		2.74+-1.07	pCi/l	Rad. Meas
0	NONVOLATILE BETA		4.00+-0.98	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.40+-0.72	pCi/l	Rad. Meas.
0	TRITIUM		4.08+-0.27	pCi/ml	Rad. Meas
0	URANIUM 234	LT	0.10	pCi/l	Tel. Iso.
0	URANIUM 235	LT	0.80	pCi/l	Tel. Iso.

WELL TBG 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/28/89 Time 930
Depth to water = 51.21 ft (15.61 m) below the TOC
Water elevation = 99.99 ft (30.48 m) msl
pH = 4.2 Alkalinity = 0 mg/L
Specific Conductance = 350 umhos/cm
Water Temperature = 21.1 degrees Celsius
Water evacuated from the well prior to sampling = 7 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		327.0	UMHC	Env. Eng.
0	PH		4.19	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		377	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	25	ug/l	Env. Eng.
1	CALCIUM		10100	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	25	ug/l	Env. Eng.
2	CARBON TETRACHLORIDE		264	ug/l	Env. Eng.
2	CARBON TETRACHLORIDE		234	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	BROMOFORM	LT	50	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	25	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	25	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	BROMOMETHANE	LT	50	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	50	ug/l	Env. Eng.
0	CHLORIDE		4500	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	25	ug/l	Env. Eng.
0	CHROMIUM		4	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHENE	LT	50	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	50	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	BENZENE	LT	25	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	25	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	25	ug/l	Env. Eng.
0	FLUORIDE		100	ug/l	Env. Eng.
1	IRON		166	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		4760	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	TOLUENE	LT	25	ug/l	Env. Eng.
1	MAGNESIUM		6660	ug/l	Env. Eng.
2	MANGANESE		1380	ug/l	Env. Eng.
1	SODIUM		30700	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		34900	ug/l	Env. Eng.
0	LEAD		12	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		14700	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	50	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		17.0	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	25.0	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		228000	ug/l	Env. Eng.

CONTINUED

WELL TBG 3 COLLECTED ON 03/28/89 LABORATORY ANALYSES CONTINUED

0	TOTAL ORGANIC CARBON		1700	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		372	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		214	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		183	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		146	ug/l	Env. Eng.
1	TRANS-1,2-DICHLOROETHENE		19	ug/l	Env. Eng.
1	TRANS-1,2-DICHLOROETHENE		250	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	25	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	25	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	25	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	25	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	50	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	25	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	25	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	50	ug/l	Env. Eng.
2	GROSS ALPHA		89.87+-7.10	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		47.28+-2.66	pCi/l	Rad. Meas.
2	TOTAL RADIUM		31.52+-2.50	pCi/l	Rad. Meas.
0	TRITIUM		3.03+-0.28	pCi/ml	Rad. Meas.
1	URANIUM 234		0.44+-0.41	pCi/l	Tel. Iso.
0	URANIUM 235	LT	0.10	pCi/l	Tel. Iso.

WELL TBG 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/28/89 Time 1220
Depth to water = 50.98 ft (15.54 m) below the TOC
Water elevation = 100.32 ft (30.58 m) msl
pH = 4.2 Alkalinity = 0 mg/L
Specific Conductance = 420 umhos/cm
Water Temperature = 21.1 degrees Celsius
Water evacuated from the well prior to sampling = 30 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		379.0	UMHC	Env. Eng.
0	PH		4.05	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		385	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		9310	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
2	CARBON TETRACHLORIDE		322	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
1	CHLOROFORM		7	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		5800	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		320	ug/l	Env. Eng.
0	IRON		33	ug/l	Env. Eng.
2	MERCURY		4.18	ug/l	Env. Eng.
0	POTASSIUM		3920	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
1	MAGNESIUM		7090	ug/l	Env. Eng.
2	MANGANESE		681	ug/l	Env. Eng.
1	SODIUM		40700	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		37100	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		13000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		48.0	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		258000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1300	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		743	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		86	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		440	ug/l	Env. Eng.
1	TRANS-1,2-DICHLOROETHENE		101	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
2	GROSS ALPHA		40.93+-5.80	pCi/l	Rad. Meas.
1	NONVOLATILE BETA		38.52+-3.79	pCi/l	Rad. Meas.
2	TOTAL RADIUM		34.68+-2.54	pCi/l	Rad. Meas.
0	TRITIUM		3.28+-0.26	pCi/ml	Rad. Meas.
1	URANIUM 234		2.50+-0.60	pCi/l	Tel. Iso.
1	URANIUM 235		0.38+-0.26	pCi/l	Tel. Iso.

WELL TBG 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/28/89 Time 900
Depth to water = 49.52 ft (15.09 m) below the TOC
Water elevation = 99.88 ft (30.44 m) msl
pH = 5.5 Alkalinity = 4 mg/L
Specific Conductance = 91 umhos/cm
Water Temperature = 20.9 degrees Celsius
Water evacuated from the well prior to sampling = 6 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		104.0	UMHC	Env. Eng.
0	PH		5.48	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		23	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		8010	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3200	ug/l	Env. Eng.
0	CHLORIDE		3200	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		160	ug/l	Env. Eng.
1	IRON		233	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1840	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		1170	ug/l	Env. Eng.
2	MANGANESE		169	ug/l	Env. Eng.
0	SODIUM		4310	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		2560	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		13100	ug/l	Env. Eng.
1	SULFATE		19100	ug/l	Env. Eng.
1	SULFATE		19400	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		72000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1100	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		737	ug/l	Env. Eng
1	TOTAL PHOSPHATES		744	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		2432	ug/l	Env. Eng.
1	TRANS-1,2-DICHLOROETHENE		14	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	GROSS ALPHA		1.26+-0.69	pCi/l	Rad. Meas
0	NONVOLATILE BETA		2.30+-0.87	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		4.86+-0.28	pCi/ml	Rad. Meas
1	URANIUM 234		1.10+-0.40	pCi/l	Tel. Iso.
0	URANIUM 235	LT	0.20	pCi/l	Tel. Iso.

WELL TBG 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/28/89 Time 955
Depth to water = 48.22 ft (14.70 m) below the TOC
Water elevation = 99.86 ft (30.44 m) msl
pH = 5.0 Alkalinity = 2 mg/L
Specific Conductance = 220 umhos/cm
Water Temperature = 20.0 degrees Celsius
Water evacuated from the well prior to sampling = 8 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		210.0	UMHC	Env. Eng.
0	PH		5.13	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		60	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
1	CALCIUM		12200	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
2	CARBON TETRACHLORIDE		72.0	ug/l	Env. Eng
0	CADMIUM	LT	2	ug/l	Env. Eng
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng

CONTINUED

WELL TBG 6 COLLECTED ON 03/28/89 LABORATORY ANALYSES CONTINUED

0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		4800	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE		230	ug/l	Env. Eng.
0	IRON		52	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		2230	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		2710	ug/l	Env. Eng.
2	MANGANESE		79	ug/l	Env. Eng.
1	SODIUM		18100	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		19100	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		19100	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		14100	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		170000	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		176000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1000	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		159	ug/l	Env. Eng.
1	TOTAL PHOSPHATES		333	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		153	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
1	GROSS ALPHA		8.15+-2.19	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		7.50+-1.54	pCi/l	Rad. Meas.
1	TOTAL RADIUM		4.33+-0.99	pCi/l	Rad. Meas.
0	TRITIUM		4.74+-0.28	pCi/ml	Rad. Meas.
0	URANIUM 234	LT	1	pCi/l	Tel. Iso.
0	URANIUM 235	LT	0.40	pCi/l	Tel. Iso.

WELL TBG 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/13/89 Time 1030
Depth to water = 44.85 ft (13.67 m) below the TOC
Water elevation = 101.95 ft (31.07 m) msl
pH = 6.1 Alkalinity = 12 mg/L
Specific Conductance = 55 umhos/cm
Water Temperature = 20.7 degrees Celsius
Water evacuated from the well prior to sampling = 52 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		50.00	UMHC	Env. Lab.
0	SPECIFIC CONDUCTANCE		50.20	UMHC	W. A.
0	SPECIFIC CONDUCTANCE		51.60	UMHC	Env. Eng.
0	PH		6.00	pH	Env. Lab.
0	PH		6.00	pH	W. A.
0	PH		5.95	pH	Env. Eng.
0	SILVER	LT	10	ug/l	Env. Lab.
0	SILVER	LT	10	ug/l	W. A.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	200	ug/l	W. A.
0	ARSENIC	LT	5	ug/l	Env. Lab.
0	ARSENIC	LT	10	ug/l	W. A.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	100	ug/l	Env. Lab.
0	BARIUM	LT	200	ug/l	W. A.
0	BARIUM		12	ug/l	Env. Eng.
0	BERYLLIUM	LT	5	ug/l	W. A.
0	BROMODICHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	BROMODICHLOROMETHANE	LT	5	ug/l	W. A.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		5800	ug/l	Env. Lab.
0	CALCIUM		5550	ug/l	W. A.
0	CALCIUM		5450	ug/l	Env. Eng
0	TRICHLOROFLUOROMETHANE	LT	1	ug/l	Env. Lab.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	W. A.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Lab.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	W. A.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	10	ug/l	Env. Lab.
0	CADMIUM	LT	5	ug/l	W. A.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	1	ug/l	Env. Lab.
0	BROMOFORM	LT	5	ug/l	W. A.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Lab.
0	CHLOROFORM	LT	5	ug/l	W. A.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.

CONTINUED

WELL TBG 7 COLLECTED ON 03/13/89 LABORATORY ANALYSES CONTINUED

0	METHYLENE CHLORIDE	LT	1	ug/l	Env. Lab.
0	METHYLENE CHLORIDE	LT	5	ug/l	W. A.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	1	ug/l	Env. Lab.
0	BROMOMETHANE	LT	10	ug/l	W. A.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	CHLOROMETHANE	LT	10	ug/l	W. A.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		3000	ug/l	Env. Lab.
0	CHLORIDE	LT	5000	ug/l	W. A.
0	CHLORIDE		3100	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	CHLOROBENZENE	LT	5	ug/l	W. A.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
0	COBALT	LT	50	ug/l	W. A.
0	CHROMIUM	LT	50	ug/l	Env. Lab.
0	CHROMIUM	LT	10	ug/l	W. A.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	25	ug/l	W. A.
0	CHLOROETHENE	LT	1	ug/l	Env. Lab.
0	CHLOROETHENE	LT	10	ug/l	W. A.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	1	ug/l	Env. Lab.
0	CHLOROETHANE	LT	10	ug/l	W. A.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	1	ug/l	Env. Lab.
0	BENZENE	LT	5	ug/l	W. A.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng
0	DIBROMOCHLOROMETHANE	LT	1	ug/l	Env. Lab
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	W. A.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	1	ug/l	Env. Lab.
0	ETHYLBENZENE	LT	5	ug/l	W. A.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Lab.
0	FLUORIDE	LT	100	ug/l	W. A.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		120	ug/l	Env. Lab.
0	IRON		130	ug/l	W. A.
0	IRON		89	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Lab.
0	MERCURY	LT	0.20	ug/l	W. A.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	1000	ug/l	Env. Lab.
0	POTASSIUM	LT	5000	ug/l	W. A.
0	POTASSIUM		1350	ug/l	Env. Eng.
0	LITHIUM	LT	50	ug/l	W. A.
0	TOLUENE	LT	1	ug/l	Env. Lab.
0	TOLUENE	LT	5	ug/l	W. A.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		510	ug/l	Env. Lab.
0	MAGNESIUM	LT	5000	ug/l	W. A.
0	MAGNESIUM		475	ug/l	Env. Eng.
1	MANGANESE		30	ug/l	Env. Lab.
0	MANGANESE	LT	15	ug/l	W. A.
0	MANGANESE		11	ug/l	Env. Eng.
0	SODIUM		2800	ug/l	Env. Lab
0	SODIUM	LT	5000	ug/l	W. A.
0	SODIUM		2720	ug/l	Env. Eng.
0	NICKEL	LT	40	ug/l	W. A
0	NITRATE AS NITROGEN		2200	ug/l	Env. Lab
0	NITRATE AS NITROGEN		1100	ug/l	W. A
0	NITRATE AS NITROGEN		1120	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1310	ug/l	Env. Eng.
0	LEAD	LT	100	ug/l	Env. Lab
0	LEAD		6	ug/l	W. A
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Lab.
0	PHENOLS	LT	5	ug/l	W. A.
0	PHENOLS	LT	5	ug/l	Env. Eng
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	60	ug/l	W. A
0	SELENIUM	LT	10	ug/l	Env. Lab.
0	SELENIUM	LT	5	ug/l	W. A
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		7620	ug/l	Env. Lab.
1	SILICA		3750	ug/l	W. A.
1	SILICA		8170	ug/l	Env. Eng
0	TIN	LT	100	ug/l	W. A.
0	SULFATE		9000	ug/l	Env. Lab.
0	SULFATE	LT	5000	ug/l	W. A.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,2,2-TETRACHLOROETHANE	LT	5	ug/l	W. A
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Lab.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	W. A.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		46000	ug/l	Env. Lab
0	TOTAL DISSOLVED SOLIDS		228000	ug/l	W. A.
0	TOTAL DISSOLVED SOLIDS		34000	ug/l	Env. Eng.
0	THALLIUM	LT	10	ug/l	W. A.
0	TOTAL ORGANIC CARBON	LT	5000	ug/l	Env. Lab
0	TOTAL ORGANIC CARBON	LT	500	ug/l	W. A
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng

CONTINUED

WELL TBG 7 COLLECTED ON 03/13/89 LABORATORY ANALYSES CONTINUED

0	TOTAL ORGANIC HALOGENS	LT	10	ug/l	Env. Lab.
0	TOTAL ORGANIC HALOGENS	LT	20	ug/l	W. A.
0	TOTAL ORGANIC HALOGENS		8	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		10	ug/l	Env. Lab.
0	TOTAL PHOSPHATES	LT	50	ug/l	W. A.
0	TOTAL PHOSPHATES		26	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Lab.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	W. A.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	Env. Lab.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	W. A.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	URANIUM	LT	1000	ug/l	W. A.
0	VANADIUM	LT	50	ug/l	W. A.
0	XYLENES	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	W. A.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHANE	LT	5	ug/l	W. A.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
1	1,1,1-TRICHLOROETHANE		4	ug/l	Env. Lab.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	W. A.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	W. A.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROETHANE	LT	5	ug/l	W. A.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROPROPANE	LT	5	ug/l	W. A.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	1,3-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	CIS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	W. A.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	W. A.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	1,4-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	2-CHLOROETHYLVINYL ETHER	LT	1	ug/l	Env. Lab.
0	2-CHLOROETHYLVINYL ETHER	LT	5	ug/l	W. A.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	ZINC		48	ug/l	W. A.
0	GROSS ALPHA	LT	0.76	pCi/l	Env. Lab.
0	GROSS ALPHA		0.00+-5.00	pCi/l	W. A.
0	GROSS ALPHA		0.58+-0.49	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	0.98	pCi/l	Env. Lab.
0	NONVOLATILE BETA		4.00+-2.00	pCi/l	W. A.
0	NONVOLATILE BETA		4.03+-0.70	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	0.55	pCi/l	Env. Lab.
0	TOTAL RADIUM		0.00+-0.30	pCi/l	W. A.
0	TOTAL RADIUM		0.83+-0.50	pCi/l	Rad. Meas.
0	TRITIUM		2.74+-0.55	pCi/ml	Env. Lab.
0	TRITIUM		4.30+-0.60	pCi/ml	W. A.
0	TRITIUM		3.23+-0.25	pCi/ml	Rad. Meas.
0	URANIUM AND/OR PLUTONIUM		0.00+-0.50	pCi/l	HP, 735A
0	URANIUM 234	LT	4	pCi/l	Tel. Iso.
0	URANIUM 235	LT	3	pCi/l	Tel. Iso.

WELL TBG 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/13/89 Time 1030
Depth to water = 44.85 ft (13.67 m) below the TOC
Water elevation = 101.95 ft (31.07 m) msl
pH = 6.1 Alkalinity = 12 mg/L
Specific Conductance = 55 umhos/cm
Water Temperature = 20.7 degrees Celsius
Water evacuated from the well prior to sampling = 52 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		52.40	UMHC	Env. Eng.
0	PH		5.87	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		12	ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	CALCIUM		5450	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	10	ug/l	Env. Eng.
0	CHLOROFORM	LT	5	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5	ug/l	Env. Eng.
0	BROMOMETHANE	LT	10	ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10	ug/l	Env. Eng.
0	CHLORIDE		2800	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5	ug/l	Env. Eng.
1	CHROMIUM		7	ug/l	Env. Eng.
0	CHLOROETHENE	LT	10	ug/l	Env. Eng.

CONTINUED

WELL TBG 7 COLLECTED ON 03/13/89 LABORATORY ANALYSES CONTINUED

0	CHLOROETHANE	LT	10	ug/l	Env. Eng.
0	BENZENE	LT	5	ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5	ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		105	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1350	ug/l	Env. Eng.
0	TOLUENE	LT	5	ug/l	Env. Eng.
0	MAGNESIUM		470	ug/l	Env. Eng.
0	MANGANESE		11	ug/l	Env. Eng.
0	SODIUM		2660	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1100	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		8080	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		30000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		193	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		24	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5	ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5	ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10	ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		3.60+-0.70	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		3.57+-0.26	pCi/ml	Rad. Meas.

WELL XSB 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/27/89 Time 1505
Depth to water = 58.59 ft (17.86 m) below the TOC
Water elevation = 97.41 ft (29.69 m) msl
pH = 5.3 Alkalinity = 2 mg/L
Specific Conductance = 85 umhos/c
Water Temperature = 21.3 degrees Celsius
Water evacuated from the well prior to sampling = 253 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		86.40	UMHC	Env. Eng.
0	PH		5.63	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		44	ug/l	Env. Eng.
0	CALCIUM		4440	ug/l	Env. Eng.
2	CARBON TETRACHLORIDE		71.4	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
2	CHLOROFORM		221	ug/l	Env. Eng.
0	CHLORIDE		4000	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		49	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1720	ug/l	Env. Eng.
0	MAGNESIUM		1050	ug/l	Env. Eng.
1	MANGANESE		41	ug/l	Env. Eng.
1	SODIUM		8400	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
1	NITRATE AS NITROGEN		3290	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		11600	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
2	TETRACHLOROETHYLENE		110	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		52000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1200	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		414	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		384	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		74	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		993	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	ZINC		36	ug/l	Env. Eng.
0	GROSS ALPHA		1.72+-0.78	pCi/l	Rad. Meas.
0	AMERICIUM 241	LT	0.08	pCi/l	Tel. Iso.
0	BARIUM 140	LT	9	pCi/l	Tel. Iso.
0	NONVOLATILE BETA		3.59+-0.96	pCi/l	Rad. Meas.
0	BERYLLIUM 7	LT	40	pCi/l	Tel. Iso.
0	CERIUM 141	LT	10	pCi/l	Tel. Iso.
0	CERIUM 144		0.00+-0.14	pCi/ml	HP, 735A
0	CERIUM 144	LT	30	pCi/l	Tel. Iso.
1	CURIUM 242		0.13+-0.07	pCi/l	Tel. Iso.
0	CURIUM 243/244	LT	0.03	pCi/l	Tel. Iso.
0	COBALT 58	LT	4	pCi/l	Tel. Iso.
0	COBALT 60		0.00+-0.02	pCi/ml	HP, 735A
0	COBALT 60	LT	4	pCi/l	Tel. Iso.
0	CHROMIUM 51		0.00+-0.22	pCi/ml	HP, 735A

CONTINUED

WELL XSB 1D COLLECTED ON 03/27/89 LABORATORY ANALYSES CONTINUED

0	CESIUM 134		0.00+-0.02	pCi/ml	HP, 735A
0	CESIUM 134	LT	3	pCi/l	Tel. Iso.
0	CESIUM 137		0.00+-0.02	pCi/ml	HP, 735A
0	CESIUM 137	LT	3	pCi/l	Tel. Iso.
0	IRON 59	LT	8	pCi/l	Tel. Iso.
0	IODINE 131		0.00+-0.08	pCi/ml	HP, 735A
0	IODINE 131	LT	10	pCi/l	Tel. Iso.
1	POTASSIUM 40		0.17+-0.09	pCi/ml	HP, 735A
0	POTASSIUM 40	LT	60	pCi/l	Tel. Iso.
0	MANGANESE 54	LT	4	pCi/l	Tel. Iso.
1	PLUTONIUM 238		0.57+-0.15	pCi/l	Tel. Iso.
1	PLUTONIUM 239/240		0.24+-0.10	pCi/l	Tel. Iso.
0	RADIUM 226	LT	90	pCi/l	Tel. Iso.
0	RADIUM 226	LT	1	pCi/l	Tel. Iso.
0	RADIUM 228	LT	1	pCi/l	Tel. Iso.
0	RUTHENIUM 103		0.00+-0.02	pCi/ml	HP, 735A
0	RUTHENIUM 103	LT	5	pCi/l	Tel. Iso.
0	RUTHENIUM 106		0.00+-0.16	pCi/ml	HP, 735A
0	RUTHENIUM 106	LT	30	pCi/l	Tel. Iso.
0	ANTIMONY 125		0.00+-0.05	pCi/ml	HP, 735A
0	STRONTIUM 89	LT	3	pCi/l	Tel. Iso.
0	STRONTIUM 90	LT	1	pCi/l	Tel. Iso.
0	THORIUM 228	LT	7	pCi/l	Tel. Iso.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		4.45+-0.27	pCi/ml	Rad. Meas.
0	URANIUM 234	LT	1	pCi/l	Tel. Iso.
0	URANIUM 235	LT	0.70	pCi/l	Tel. Iso.
0	ZINC 65	LT	8	pCi/l	Tel. Iso.
0	ZIRCONIUM/NIOBIUM 95		0.00+-0.04	pCi/ml	HP, 735A
0	ZIRCONIUM 95	LT	4	pCi/l	Tel. Iso.

WELL XSB 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/28/89 Time 1020
Depth to water = 57.63 ft (17.57 m) below the TOC
Water elevation = 97.17 ft (29.62 m) msl
pH = 7.8 Alkalinity = 90 mg/L
Specific Conductance = 260 umhos/cm
Water Temperature = 21.0 degrees Celsius
Water evacuated from the well prior to sampling = 7 gal
The well went dry during purging.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		238.0	UMHC	Env. Eng.
1	PH		7.03	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		72	ug/l	Env. Eng.
1	CALCIUM		20300	ug/l	Env. Eng.
2	CARBON TETRACHLORIDE		18.4	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
1	CHLOROFORM		6	ug/l	Env. Eng.
0	CHLORIDE		3400	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		26	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
1	POTASSIUM		7810	ug/l	Env. Eng.
0	MAGNESIUM		575	ug/l	Env. Eng.
0	MANGANESE		8	ug/l	Env. Eng.
1	SODIUM		24600	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1740	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		8950	ug/l	Env. Eng.
1	SILICA		9020	ug/l	Env. Eng.
0	SULFATE		7800	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		190000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		2900	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		152	ug/l	Env. Eng.
1	TOTAL PHOSPHATES		1160	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		356	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	ZINC		69	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	GROSS ALPHA		1.97+-1.12	pCi/l	Rad. Meas.
1	AMERICIUM 241		0.08+-0.04	pCi/l	Tel. Iso.
0	BARIUM 140	LT	10	pCi/l	Tel. Iso.
0	NONVOLATILE BETA		6.13+-1.62	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		7.08+-1.49	pCi/l	Rad. Meas.
0	BERYLLIUM 7	LT	50	pCi/l	Tel. Iso.
0	CERIUM 141	LT	10	pCi/l	Tel. Iso.
0	CERIUM 144		0.00+-0.14	pCi/ml	HP, 735A
0	CERIUM 144	LT	40	pCi/l	Tel. Iso.
0	CURIUM 242	LT	0.05	pCi/l	Tel. Iso.
1	CURIUM 243/244		0.09+-0.04	pCi/l	Tel. Iso.
0	COBALT 58	LT	5	pCi/l	Tel. Iso.
0	COBALT 60		0.00+-0.02	pCi/ml	HP, 735A
0	COBALT 60	LT	5	pCi/l	Tel. Iso.
0	CHROMIUM 51		0.00+-0.22	pCi/ml	HP, 735A
0	CESIUM 134		0.00+-0.02	pCi/ml	HP, 735A
0	CESIUM 134	LT	5	pCi/l	Tel. Iso.
0	CESIUM 137		0.00+-0.02	pCi/ml	HP, 735A
0	CESIUM 137	LT	5	pCi/l	Tel. Iso.
0	IRON 59	LT	10	pCi/l	Tel. Iso.
0	IODINE 131		0.00+-0.08	pCi/ml	HP, 735A
0	IODINE 131	LT	20	pCi/l	Tel. Iso.
0	POTASSIUM 40	LT	100	pCi/l	Tel. Iso.
0	MANGANESE 54	LT	5	pCi/l	Tel. Iso.
1	PLUTONIUM 238		0.53+-0.13	pCi/l	Tel. Iso.

CONTINUED

WELL XSB 2D COLLECTED ON 03/28/89 LABORATORY ANALYSES CONTINUED

1	PLUTONIUM 239/240		0.22+-0.08	pCi/l	Tel. Iso.
1	RADIUM 226		0.20+-0.12	pCi/ml	HP, 735A
0	RADIUM 226	LT	90	pCi/l	Tel. Iso.
0	RADIUM 226	LT	1	pCi/l	Tel. Iso.
0	RADIUM 228	LT	0.90	pCi/l	Tel. Iso.
0	RUTHENIUM 103		0.00+-0.02	pCi/ml	HP, 735A
0	RUTHENIUM 103	LT	6	pCi/l	Tel. Iso.
0	RUTHENIUM 106		0.00+-0.16	pCi/ml	HP, 735A
0	RUTHENIUM 106	LT	40	pCi/l	Tel. Iso.
0	ANTIMONY 125		0.00+-0.05	pCi/ml	HP, 735A
0	STRONTIUM 89	LT	4	pCi/l	Tel. Iso.
0	STRONTIUM 90	LT	1	pCi/l	Tel. Iso.
0	THORIUM 228	LT	8	pCi/l	Tel. Iso.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.48+-0.76	pCi/l	Rad. Meas.
0	TRITIUM		3.95+-0.27	pCi/ml	Rad. Meas.
0	TRITIUM		3.82+-0.27	pCi/ml	Rad. Meas.
1	URANIUM 234		0.14+-0.07	pCi/l	Tel. Iso.
0	URANIUM 235	LT	0.30	pCi/l	Tel. Iso.
0	ZINC 65	LT	10	pCi/l	Tel. Iso.
0	ZIRCONIUM/NIOBIUM 95		0.00+-0.04	pCi/ml	HP, 735A
0	ZIRCONIUM 95	LT	5	pCi/l	Tel. Iso.

WELL XSB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/28/89 Time 1105
Depth to water = 58.84 ft (17.93 m) below the TOC
Water elevation = 98.56 ft (30.04 m) msl
pH = 5.5 Alkalinity = 3 mg/L
Specific Conductance = 123 umhos/cm
Water Temperature = 20.6 degrees Celsius
Water evacuated from the well prior to sampling = 100 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		130.0	UMHC	Env. Eng.
0	PH		5.78	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		24	ug/l	Env. Eng.
0	CALCIUM		6810	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		5000	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		49	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1820	ug/l	Env. Eng.
0	MAGNESIUM		1360	ug/l	Env. Eng.
0	MANGANESE		11	ug/l	Env. Eng.
1	SODIUM		16800	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
1	NITRATE AS NITROGEN		7850	ug/l	Env. Eng.
0	LEAD		8	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		9240	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		86000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON		1100	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		15	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		80	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		27.2	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		31.4	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	ZINC		18	ug/l	Env. Eng.
0	GROSS ALPHA		4.75+-1.31	pCi/l	Rad. Meas.
0	AMERICIUM 241	LT	0.08	pCi/l	Tel. Iso.
0	BARIUM 140	LT	8	pCi/l	Tel. Iso.
0	NONVOLATILE BETA		4.38+-1.06	pCi/l	Rad. Meas.
0	BERYLLIUM 7	LT	30	pCi/l	Tel. Iso.
0	CERIUM 141	LT	9	pCi/l	Tel. Iso.
0	CERIUM 144		0.00+-0.14	pCi/ml	HP, 735A
0	CERIUM 144	LT	30	pCi/l	Tel. Iso.
0	CURIUM 242	LT	0.08	pCi/l	Tel. Iso.
0	CURIUM 243/244	LT	0.10	pCi/l	Tel. Iso.
0	COBALT 58	LT	3	pCi/l	Tel. Iso.
0	COBALT 60		0.00+-0.02	pCi/ml	HP, 735A
0	COBALT 60	LT	4	pCi/l	Tel. Iso.
0	CHROMIUM 51		0.00+-0.19	pCi/ml	HP, 735A
0	CESIUM 134		0.00+-0.02	pCi/ml	HP, 735A
0	CESIUM 134	LT	4	pCi/l	Tel. Iso.
0	CESIUM 137		0.00+-0.02	pCi/ml	HP, 735A
0	CESIUM 137	LT	4	pCi/l	Tel. Iso.
0	IRON 59	LT	8	pCi/l	Tel. Iso.
0	IODINE 131		0.00+-0.09	pCi/ml	HP, 735A
0	IODINE 131	LT	10	pCi/l	Tel. Iso.
1	POTASSIUM 40		55.10+-29.6	pCi/l	Tel. Iso.
0	MANGANESE 54	LT	3	pCi/l	Tel. Iso.
1	PLUTONIUM 238		0.69+-0.19	pCi/l	Tel. Iso.
1	PLUTONIUM 239/240		0.33+-0.13	pCi/l	Tel. Iso.
0	RADIUM 226	LT	90	pCi/l	Tel. Iso.
1	RADIUM 226		1.10+-0.50	pCi/l	Tel. Iso.
0	RADIUM 228	LT	1	pCi/l	Tel. Iso.
0	RUTHENIUM 103		0.00+-0.03	pCi/ml	HP, 735A
0	RUTHENIUM 103	LT	4	pCi/l	Tel. Iso.

CONTINUED

WELL XSB 3A COLLECTED ON 03/28/89 LABORATORY ANALYSES CONTINUED

0	RUTHENIUM 106		0.00+-0.16	pCi/ml	HP, 735A
0	RUTHENIUM 106	LT	30	pCi/l	Tel. Iso.
0	ANTIMONY 125		0.00+-0.04	pCi/ml	HP, 735A
0	STRONTIUM 89	LT	3	pCi/l	Tel. Iso.
0	STRONTIUM 90	LT	1	pCi/l	Tel. Iso.
0	THORIUM 228	LT	7	pCi/l	Tel. Iso.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.
0	TRITIUM		4.96+-0.29	pCi/ml	Rad. Meas.
1	URANIUM 234		2.20+-1.30	pCi/l	Tel. Iso.
0	URANIUM 235	LT	0.60	pCi/l	Tel. Iso.
0	ZINC 65	LT	8	pCi/l	Tel. Iso.
0	ZIRCONIUM/NIOBIUM 95		0.00+-0.04	pCi/ml	HP, 735A
0	ZIRCONIUM 95	LT	4	pCi/l	Tel. Iso.

WELL XSB 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/13/89 Time 1155
Depth to water = 57.82 ft (17.62 m) below the TOC
Water elevation = 97.08 ft (29.59 m) msl
pH = 5.2 Alkalinity = 2 mg/L
Specific Conductance = 116 umhos/cm
Water Temperature = 20.4 degrees Celsius
Water evacuated from the well prior to sampling = 256 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		110.0	UMHC	Env. Lab.
1	SPECIFIC CONDUCTANCE		110.0	UMHC	W. A.
1	SPECIFIC CONDUCTANCE		113.0	UMHC	Env. Eng.
0	PH		5.30	pH	Env. Lab.
0	PH		5.30	pH	W. A.
0	PH		5.10	pH	Env. Eng.
0	SILVER	LT	10	ug/l	Env. Lab.
0	SILVER	LT	10	ug/l	W. A.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	200	ug/l	W. A.
0	ARSENIC	LT	5	ug/l	Env. Lab.
0	ARSENIC	LT	10	ug/l	W. A.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	100	ug/l	Env. Lab.
0	BARIUM	LT	200	ug/l	W. A.
0	BARIUM		38	ug/l	Env. Eng.
0	BARIUM		34	ug/l	Env. Eng.
0	BERYLLIUM	LT	5	ug/l	W. A.
0	BROMODICHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	CALCIUM		4200	ug/l	Env. Lab.
0	CALCIUM	LT	5000	ug/l	W. A.
0	CALCIUM		4890	ug/l	Env. Eng.
0	CALCIUM		4300	ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	1	ug/l	Env. Lab.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Lab.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	W. A.
2	CARBON TETRACHLORIDE		16.3	ug/l	Env. Eng.
0	CADMIUM	LT	10	ug/l	Env. Lab.
0	CADMIUM	LT	5	ug/l	W. A.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	1	ug/l	Env. Lab.
0	CHLOROFORM	LT	1	ug/l	Env. Lab.
0	CHLOROFORM	LT	1	ug/l	W. A.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	1	ug/l	Env. Lab.
0	BROMOMETHANE	LT	1	ug/l	Env. Lab.
0	CHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	CHLORIDE		6000	ug/l	Env. Lab.
0	CHLORIDE		8600	ug/l	W. A.
0	CHLORIDE		5600	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	COBALT	LT	50	ug/l	W. A.
0	CHROMIUM	LT	50	ug/l	Env. Lab.
1	CHROMIUM		13	ug/l	W. A.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	25	ug/l	W. A.
0	CYANIDE	LT	20	ug/l	Env. Lab.
0	CYANIDE	LT	10	ug/l	W. A.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CHLOROETHENE	LT	1	ug/l	Env. Lab.
0	CHLOROETHANE	LT	1	ug/l	Env. Lab.
0	BENZENE	LT	1	ug/l	Env. Lab.
0	DIBROMOCHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	ETHYLBENZENE	LT	1	ug/l	Env. Lab.
0	FLUORIDE	LT	100	ug/l	Env. Lab.
0	FLUORIDE	LT	100	ug/l	W. A.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		90	ug/l	Env. Lab.
0	IRON		105	ug/l	W. A.
0	IRON		33	ug/l	Env. Eng.
0	IRON		31	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Lab.
0	MERCURY	LT	0.20	ug/l	W. A.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1000	ug/l	Env. Lab.
0	POTASSIUM	LT	5000	ug/l	W. A.
0	POTASSIUM		1930	ug/l	Env. Eng.
0	POTASSIUM		1790	ug/l	Env. Eng.
0	LITHIUM	LT	50	ug/l	W. A.
0	TOLUENE	LT	1	ug/l	Env. Lab.
0	MAGNESIUM		1100	ug/l	Env. Lab.
0	MAGNESIUM	LT	5000	ug/l	W. A.
0	MAGNESIUM		1140	ug/l	Env. Eng.
0	MAGNESIUM		1020	ug/l	Env. Eng.
2	MANGANESE		120	ug/l	Env. Lab.
2	MANGANESE		106	ug/l	W. A.

CONTINUED

WELL XSB 4D COLLECTED ON 03/13/89 LABORATORY ANALYSES CONTINUED

2	MANGANESE		111	ug/l	Env. Eng.
2	MANGANESE		100	ug/l	Env. Eng.
1	SODIUM		15000	ug/l	Env. Lab.
1	SODIUM		16700	ug/l	W. A.
1	SODIUM		15200	ug/l	Env. Eng.
1	SODIUM		15600	ug/l	Env. Eng.
0	NICKEL	LT	50	ug/l	Env. Lab.
0	NICKEL	LT	40	ug/l	W. A.
0	NICKEL		8	ug/l	Env. Eng.
0	NICKEL		7	ug/l	Env. Eng.
1	NITRATE AS NITROGEN		8700	ug/l	Env. Lab.
1	NITRATE AS NITROGEN		9300	ug/l	W. A.
1	NITRATE AS NITROGEN		9640	ug/l	Env. Eng.
0	LEAD	LT	100	ug/l	Env. Lab.
0	LEAD		6	ug/l	W. A.
0	LEAD	LT	6	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Lab.
0	PHENOLS	LT	5	ug/l	W. A.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	ANTIMONY	LT	60	ug/l	W. A.
0	SELENIUM	LT	10	ug/l	Env. Lab.
0	SELENIUM	LT	5	ug/l	W. A.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		9950	ug/l	Env. Lab.
1	SILICA		4440	ug/l	W. A.
1	SILICA		9390	ug/l	Env. Eng.
0	TIN	LT	100	ug/l	W. A.
0	SULFATE		9000	ug/l	Env. Lab.
0	SULFATE	LT	5000	ug/l	W. A.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	1	ug/l	Env. Lab
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Lab.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	W. A.
1	TETRACHLOROETHYLENE		1.07	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		86000	ug/l	Env. Lab.
0	TOTAL DISSOLVED SOLIDS		92000	ug/l	W. A.
0	TOTAL DISSOLVED SOLIDS		78000	ug/l	Env. Eng.
0	THALLIUM	LT	10	ug/l	W. A.
0	TOTAL ORGANIC CARBON	LT	5000	ug/l	Env. Lab.
0	TOTAL ORGANIC CARBON	LT	500	ug/l	W. A.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	10	ug/l	Env. Lab.
0	TOTAL ORGANIC HALOGENS	LT	20	ug/l	W. A.
1	TOTAL ORGANIC HALOGENS		19	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		19	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		10	ug/l	Env. Lab.
0	TOTAL PHOSPHATES	LT	50	ug/l	W. A.
0	TOTAL PHOSPHATES		22	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		19.0	ug/l	Env. Lab.
2	TRICHLOROETHYLENE		18.0	ug/l	W. A.
2	TRICHLOROETHYLENE		17.6	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	Env. Lab.
0	URANIUM	LT	1000	ug/l	W. A.
0	VANADIUM	LT	50	ug/l	W. A.
0	XYLENES	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	W. A.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Lab
0	1,2-DICHLOROPROPANE	LT	1	ug/l	Env. Lab.
0	1,3-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	CIS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab.
0	TRANS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab.
0	1,4-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	2-CHLOROETHYLVINYL ETHER	LT	1	ug/l	Env. Lab.
0	ZINC		30	ug/l	Env. Lab
0	ZINC		56	ug/l	W. A.
0	ZINC		51	ug/l	Env. Eng.
0	ZINC		43	ug/l	Env. Eng.
0	GROSS ALPHA		2.81+-0.92	pCi/l	Env. Lab.
0	GROSS ALPHA		0.00+-5.00	pCi/l	W. A.
0	GROSS ALPHA		2.49+-1.02	pCi/l	Rad. Meas.
1	AMERICIUM 241		0.41+-0.22	pCi/l	Tel. Iso.
0	BARIUM 140	LT	7	pCi/l	Tel. Iso.
0	NONVOLATILE BETA		2.85+-0.71	pCi/l	Env. Lab.
0	NONVOLATILE BETA		5.00+-2.00	pCi/l	W. A.
0	NONVOLATILE BETA		3.42+-0.96	pCi/l	Rad. Meas.
0	BERYLLIUM 7	LT	30	pCi/l	Tel. Iso.
0	CERIUM 141	LT	9	pCi/l	Tel. Iso.
1	CERIUM 144		0.04+-0.04	pCi/ml	HP, 735A
0	CERIUM 144	LT	30	pCi/l	Tel. Iso
0	CURIUM 242	LT	0.40	pCi/l	Tel. Iso
1	CURIUM 246		0.34+-0.21	pCi/l	Tel. Iso
0	CURIUM 243/244	LT	0.70	pCi/l	Tel. Iso
0	COBALT 58	LT	3	pCi/l	Tel. Iso
0	COBALT 60		0.00+-0.02	pCi/ml	HP, 735A
0	COBALT 60	LT	4	pCi/l	Tel. Iso
0	CHROMIUM 51		0.00+-0.28	pCi/ml	HP, 735A
0	CESIUM 134		0.00+-0.02	pCi/ml	HP, 735A
0	CESIUM 134	LT	3	pCi/l	Tel. Iso
0	CESIUM 137		0.00+-0.02	pCi/ml	HP, 735A
0	CESIUM 137	LT	4	pCi/l	Tel. Iso
0	IRON 59	LT	7	pCi/l	Tel. Iso.
0	IODINE 131		0.00+-0.24	pCi/ml	HP, 735A
0	IODINE 131	LT	8	pCi/l	Tel. Iso.
0	POTASSIUM 40	LT	60	pCi/l	Tel. Iso.
0	MANGANESE 54	LT	3	pCi/l	Tel. Iso.
1	PLUTONIUM 238		0.69+-0.55	pCi/l	Tel. Iso.
1	PLUTONIUM 239/240		1.00+-0.40	pCi/l	Tel. Iso
0	RADIUM 226	LT	90	pCi/l	Tel. Iso
1	RADIUM 226		1.50+-0.60	pCi/l	Tel. Iso.
0	RADIUM 228	LT	0.40	pCi/l	Tel. Iso
0	RUTHENIUM 103		0.00+-0.03	pCi/ml	HP, 735A
0	RUTHENIUM 103	LT	4	pCi/l	Tel. Iso

CONTINUED

WELL XSB 4D COLLECTED ON 03/13/89 LABORATORY ANALYSES CONTINUED

0	RUTHENIUM 106		0.00+-0.16	pCi/ml	HP, 735A
0	RUTHENIUM 106	LT	30	pCi/l	Tel. Iso.
0	ANTIMONY 125		0.00+-0.05	pCi/ml	HP, 735A
0	STRONTIUM 89	LT	4	pCi/l	Tel. Iso.
0	STRONTIUM 89/90		-0.27+-4.18	pCi/l	HP, 735A
0	STRONTIUM 90	LT	1	pCi/l	Tel. Iso.
0	THORIUM 228	LT	6	pCi/l	Tel. Iso.
0	TOTAL RADIUM	LT	0.70	pCi/l	Env. Lab.
0	TOTAL RADIUM		0.30+-0.30	pCi/l	W. A.
0	TOTAL RADIUM		1.50+-0.64	pCi/l	Rad. Meas.
0	TRITIUM		2.91+-0.56	pCi/ml	Env. Lab.
0	TRITIUM		4.40+-0.60	pCi/ml	W. A.
0	TRITIUM		3.40+-0.26	pCi/ml	Rad. Meas.
1	URANIUM AND/OR PLUTONIUM		0.88+-1.12	pCi/l	HP, 735A
1	URANIUM 234		2.10+-1.10	pCi/l	Tel. Iso.
0	URANIUM 235	LT	0.90	pCi/l	Tel. Iso.
0	ZINC 65	LT	9	pCi/l	Tel. Iso.
0	ZIRCONIUM/NIOBIUM 95		0.00+-0.05	pCi/ml	HP, 735A
0	ZIRCONIUM 95	LT	4	pCi/l	Tel. Iso.

WELL XSB 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/13/89 Time 1155
Depth to water = 57.82 ft (17.62 m) below the TOC
Water elevation = 97.08 ft (29.59 m) msl
pH = 5.2 Alkalinity = 2 mg/L
Specific Conductance = 116 umhos/cm
Water Temperature = 20.4 degrees Celsius
Water evacuated from the well prior to sampling = 256 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		113.0	UMHC	Env. Eng.
0	PH		5.13	pH	Env. Eng.
1	SILVER		3	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		36	ug/l	Env. Eng.
0	CALCIUM		4060	ug/l	Env. Eng.
1	CARBON TETRACHLORIDE		1.19	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		5800	ug/l	Env. Eng.
0	CHLORIDE		5600	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		43	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM		1900	ug/l	Env. Eng.
0	MAGNESIUM		1060	ug/l	Env. Eng.
2	MANGANESE		104	ug/l	Env. Eng.
1	SODIUM		16500	ug/l	Env. Eng.
1	NICKEL		10	ug/l	Env. Eng.
1	NITRATE AS NITROGEN		8800	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	PHENOLS	LT	5	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		9470	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		78000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS		9	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
2	TRICHLOROETHYLENE		18.3	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	ZINC		28	ug/l	Env. Eng.
0	GROSS ALPHA		1.79+-0.89	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		5.89+-0.85	pCi/l	Rad. Meas.
0	TOTAL RADIUM		1.16+-0.58	pCi/l	Rad. Meas.
0	TRITIUM		3.37+-0.26	pCi/ml	Rad. Meas.

WELL XSB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/24/89 Time 1510
Depth to water = 15.31 ft (4.67 m) below the TOC
Water elevation = 98.19 ft (29.93 m) msl
pH = 4.2 Alkalinity = 0 mg/L
Specific Conductance = 362 umhos/cm
Water Temperature = 20.0 degrees Celsius
Water evacuated from the well prior to sampling = 56 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		319.0	UMHC	Env. Eng
0	PH		4.32	pH	Env. Eng
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
1	BARIUM		57	ug/l	Env. Eng.
1	BARIUM		54	ug/l	Env. Eng.
1	CALCIUM		11200	ug/l	Env. Eng.
1	CALCIUM		11000	ug/l	Env. Eng.
1	CARBON TETRACHLORIDE		1.46	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		6000	ug/l	Env. Eng.

CONTINUED

WELL XSB 5A COLLECTED ON 03/24/89 LABORATORY ANALYSES CONTINUED

0	CHLORIDE		6900	ug/l	Env. Eng
0	CHROMIUM	LT	4	ug/l	Env. Eng
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	CYANIDE	LT	5	ug/l	Env. Eng
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		34	ug/l	Env. Eng.
0	IRON		24	ug/l	Env. Eng.
2	MERCURY		1.80	ug/l	Env. Eng.
0	POTASSIUM		2320	ug/l	Env. Eng.
0	POTASSIUM		2440	ug/l	Env. Eng.
0	MAGNESIUM		1250	ug/l	Env. Eng.
0	MAGNESIUM		1140	ug/l	Env. Eng.
0	MANGANESE		20	ug/l	Env. Eng.
0	MANGANESE		18	ug/l	Env. Eng.
1	SODIUM		52600	ug/l	Env. Eng.
1	SODIUM		49800	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
0	NICKEL	LT	4	ug/l	Env. Eng.
2	NITRATE AS NITROGEN		33700	ug/l	Env. Eng.
2	LEAD		31	ug/l	Env. Eng
1	LEAD		24	ug/l	Env. Eng
0	PHENOLS	LT	5	ug/l	Env. Eng
0	SELENIUM	LT	2	ug/l	Env. Eng
1	SILICA		8140	ug/l	Env. Eng
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL DISSOLVED SOLIDS		228000	ug/l	Env. Eng.
0	TOTAL ORGANIC CARBON	LT	1000	ug/l	Env. Eng.
2	TOTAL ORGANIC HALOGENS		59	ug/l	Env. Eng
2	TOTAL ORGANIC HALOGENS		49	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	ZINC		42	ug/l	Env. Eng.
0	ZINC		39	ug/l	Env. Eng.
1	GROSS ALPHA		10.36+-3.20	pCi/l	Rad. Meas.
0	AMERICIUM 241	LT	0.90	pCi/l	Tel. Iso.
0	BARIUM 140	LT	7	pCi/l	Tel. Iso.
1	NONVOLATILE BETA		11.18+-2.50	pCi/l	Rad. Meas.
0	BERYLLIUM 7	LT	30	pCi/l	Tel. Iso
0	CERIUM 141	LT	8	pCi/l	Tel. Iso
0	CERIUM 144		0.00+-0.15	pCi/ml	HP, 735A
0	CERIUM 144	LT	30	pCi/l	Tel. Iso.
0	CURIUM 242	LT	0.60	pCi/l	Tel. Iso.
0	CURIUM 243/244	LT	0.40	pCi/l	Tel. Iso
0	COBALT 58	LT	3	pCi/l	Tel. Iso.
0	COBALT 60		0.00+-0.02	pCi/ml	HP, 735A
0	COBALT 60	LT	4	pCi/l	Tel. Iso
0	CHROMIUM 51		0.00+-0.22	pCi/ml	HP, 735A
0	CESIUM 134		0.00+-0.02	pCi/ml	HP, 735A
0	CESIUM 134	LT	4	pCi/l	Tel. Iso
0	CESIUM 137		0.00+-0.02	pCi/ml	HP, 735A
0	CESIUM 137	LT	4	pCi/l	Tel. Iso.
0	IRON 59	LT	8	pCi/l	Tel. Iso.
0	IODINE 131		0.00+-0.10	pCi/ml	HP, 735A
0	IODINE 131	LT	8	pCi/l	Tel. Iso.
0	POTASSIUM 40	LT	60	pCi/l	Tel. Iso.
0	MANGANESE 54	LT	3	pCi/l	Tel. Iso.
1	PLUTONIUM 238		1.50+-0.90	pCi/l	Tel. Iso.
0	PLUTONIUM 239/240	LT	0.20	pCi/l	Tel. Iso.
0	RADIUM 226	LT	80	pCi/l	Tel. Iso.
1	RADIUM 226		4.50+-0.70	pCi/l	Tel. Iso
1	RADIUM 228		3.30+-0.80	pCi/l	Tel. Iso
0	RUTHENIUM 103		0.00+-0.02	pCi/ml	HP, 735A
0	RUTHENIUM 103	LT	4	pCi/l	Tel. Iso
0	RUTHENIUM 106		0.00+-0.17	pCi/ml	HP, 735A
0	RUTHENIUM 106	LT	30	pCi/l	Tel. Iso
0	ANTIMONY 125		0.00+-0.05	pCi/ml	HP, 735A
0	STRONTIUM 89	LT	3	pCi/l	Tel. Iso.
0	STRONTIUM 90	LT	1	pCi/l	Tel. Iso
0	THORIUM 228	LT	7	pCi/l	Tel. Iso
1	TOTAL RADIUM		4.81+-1.05	pCi/l	Rad. Meas
0	TRITIUM		2.95+-0.26	pCi/ml	Rad. Meas
0	URANIUM 234	LT	0.40	pCi/l	Tel. Iso.
1	URANIUM 235		6.10+-1.30	pCi/l	Tel. Iso
0	ZINC 65	LT	9	pCi/l	Tel. Iso.
0	ZIRCONIUM/NIOBIUM 95		0.00+-0.04	pCi/ml	HP, 735A
0	ZIRCONIUM 95	LT	4	pCi/l	Tel. Iso.

WELL YSB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/16/89 Time 915
Depth to water = 30.04 ft (9.16 m) below the TOC
Water elevation = 115.46 ft (35.19 m) msl
pH = 5.6 Alkalinity = 6 mg/L
Specific Conductance = 42 umhos/cm
Water Temperature = 21.6 degrees Celsius
Water evacuated from the well prior to sampling = 44 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		48.60	UMHC	Env. Eng
0	PH		5.21	pH	Env. Eng
0	SILVER	LT	2	ug/l	Env. Eng
0	ARSENIC	LT	2	ug/l	Env. Eng
0	BARIUM		8	ug/l	Env. Eng
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng
0	CADMIUM	LT	2	ug/l	Env. Eng
0	CHLOROFORM	LT	1	ug/l	Env. Eng
0	CHLORIDE		3400	ug/l	Env. Eng
0	CHROMIUM	LT	4	ug/l	Env. Eng
0	FLUORIDE	LT	100	ug/l	Env. Eng
0	IRON		54	ug/l	Env. Eng

CONTINUED

WELL YSB 1A COLLECTED ON 03/16/89 LABORATORY ANALYSES CONTINUED

0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	SODIUM		2320	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1040	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		87	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.54+-0.85	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.

WELL YSB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/16/89 Time 1015
Depth to water = 28.32 ft (8.63 m) below the TOC
Water elevation = 116.38 ft (35.47 m) msl
pH = 5.3 Alkalinity = 5 mg/L
Specific Conductance = 44 umhos/cm
Water Temperature = 19.5 degrees Celsius
Water evacuated from the well prior to sampling = 49 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		49.50	UMHC	Env. Eng.
0	PH		4.87	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		11	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		5000	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		62	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	SODIUM		3530	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		881	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.29+-0.84	pCi/l	Rad. Meas.
0	TOTAL RADIUM		0.83+-0.80	pCi/l	Rad. Meas.

WELL YSB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/11/89 Time 1430
Depth to water = 28.09 ft (8.56 m) below the TOC
Water elevation = 115.81 ft (35.30 m) msl
pH = 6.2 Alkalinity = 81 mg/L
Specific Conductance = 380 umhos/cm
Water Temperature = 21.1 degrees Celsius
Water evacuated from the well prior to sampling = 50 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		330.0	UMHC	Env. Lab.
1	SPECIFIC CONDUCTANCE		329.0	UMHC	W. A.
1	SPECIFIC CONDUCTANCE		309.0	UMHC	Env. Eng.
1	PH		6.50	pH	Env. Lab.
1	PH		6.60	pH	W. A.
0	PH		6.26	pH	Env. Eng.
0	SILVER	LT	10	ug/l	Env. Lab.
0	SILVER	LT	10	ug/l	W. A.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ALUMINUM	LT	200	ug/l	W. A.
0	ARSENIC	LT	5	ug/l	Env. Lab.
0	ARSENIC	LT	10	ug/l	W. A.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM	LT	100	ug/l	Env. Lab.
0	BARIUM	LT	200	ug/l	W. A.
0	BARIUM		6	ug/l	Env. Eng.
0	BERYLLIUM	LT	5	ug/l	W. A.
0	BROMODICHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	CALCIUM	LT	5000	ug/l	W. A.
0	TRICHLOROFLUOROMETHANE	LT	1	ug/l	Env. Lab.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Lab.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	W. A.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	10	ug/l	Env. Lab.
0	CADMIUM	LT	5	ug/l	W. A.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	BROMOFORM	LT	1	ug/l	Env. Lab.
0	CHLOROFORM	LT	1	ug/l	Env. Lab.
0	CHLOROFORM	LT	1	ug/l	W. A.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	1	ug/l	Env. Lab.
0	BROMOMETHANE	LT	1	ug/l	Env. Lab.
0	CHLOROMETHANE	LT	1	ug/l	Env. Lab.

CONTINUED

WELL YSB 3A COLLECTED ON 03/11/89 LABORATORY ANALYSES CONTINUED

1	CHLORIDE		21000	ug/l	Env. Lab
1	CHLORIDE		32600	ug/l	W. A.
1	CHLORIDE		19200	ug/l	Env. Eng.
0	CHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	COBALT	LT	50	ug/l	W. A.
0	CHROMIUM	LT	50	ug/l	Env. Lab.
1	CHROMIUM		17	ug/l	W. A.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	COPPER	LT	25	ug/l	W. A.
0	CHLOROETHENE	LT	1	ug/l	Env. Lab.
0	CHLOROETHANE	LT	1	ug/l	Env. Lab.
0	BENZENE	LT	1	ug/l	Env. Lab.
0	DIBROMOCHLOROMETHANE	LT	1	ug/l	Env. Lab.
0	ETHYLBENZENE	LT	1	ug/l	Env. Lab.
0	FLUORIDE	LT	100	ug/l	Env. Lab.
0	FLUORIDE	LT	100	ug/l	W. A.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON	LT	50	ug/l	Env. Lab.
0	IRON	LT	100	ug/l	W. A.
0	IRON		35	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Lab.
0	MERCURY	LT	0.20	ug/l	W. A.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
0	POTASSIUM	LT	5000	ug/l	W. A.
0	LITHIUM	LT	50	ug/l	W. A.
0	TOLUENE	LT	1	ug/l	Env. Lab.
0	MAGNESIUM	LT	5000	ug/l	W. A.
0	MANGANESE	LT	15	ug/l	W. A.
1	SODIUM		69000	ug/l	Env. Lab.
1	SODIUM		71400	ug/l	W. A.
1	SODIUM		60000	ug/l	Env. Eng.
0	NICKEL	LT	40	ug/l	W. A.
1	NITRATE AS NITROGEN		9300	ug/l	Env. Lab.
2	NITRATE AS NITROGEN		10700	ug/l	W. A.
1	NITRATE AS NITROGEN		9570	ug/l	Env. Eng.
0	LEAD	LT	100	ug/l	Env. Lab.
0	LEAD	LT	5	ug/l	W. A.
0	LEAD		10	ug/l	Env. Eng.
0	ANTIMONY	LT	60	ug/l	W. A.
0	SELENIUM	LT	10	ug/l	Env. Lab.
0	SELENIUM	LT	5	ug/l	W. A.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SILICA		2370	ug/l	W. A.
0	TIN	LT	100	ug/l	W. A.
1	SULFATE		12000	ug/l	Env. Lab.
1	SULFATE		14300	ug/l	W. A.
1	SULFATE		12800	ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	1	ug/l	Env. Lab.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Lab.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	W. A.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	THALLIUM	LT	10	ug/l	W. A.
0	TOTAL ORGANIC HALOGENS	LT	10	ug/l	Env. Lab.
0	TOTAL ORGANIC HALOGENS	LT	20	ug/l	W. A.
1	TOTAL ORGANIC HALOGENS		13	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		50	ug/l	Env. Lab.
0	TOTAL PHOSPHATES	LT	50	ug/l	W. A.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Lab.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	W. A.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	1	ug/l	Env. Lab.
0	URANIUM	LT	1000	ug/l	W. A.
0	VANADIUM	LT	50	ug/l	W. A.
0	XYLENES	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHYLENE	LT	1	ug/l	Env. Lab.
0	1,1-DICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	W. A.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROETHANE	LT	1	ug/l	Env. Lab.
0	1,2-DICHLOROPROPANE	LT	1	ug/l	Env. Lab.
0	1,3-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	CIS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab.
0	TRANS-1,3-DICHLOROPROPENE	LT	1	ug/l	Env. Lab.
0	1,4-DICHLOROBENZENE	LT	1	ug/l	Env. Lab.
0	2-CHLOROETHYLVINYL ETHER	LT	1	ug/l	Env. Lab.
0	ZINC	LT	20	ug/l	W. A.
0	GROSS ALPHA	LT	1	pCi/l	Env. Lab.
0	GROSS ALPHA		0.00+-5.00	pCi/l	W. A.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA	LT	1	pCi/l	Env. Lab.
0	NONVOLATILE BETA		7.00+-3.00	pCi/l	W. A.
0	NONVOLATILE BETA		2.01+-1.86	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	0.50	pCi/l	Env. Lab.
0	TOTAL RADIUM		0.00+-0.20	pCi/l	W. A.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.

WELL YSB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/11/89 Time 1430
Depth to water = 28.09 ft (8.56 m) below the TOC
Water elevation = 115.81 ft (35.30 m) msl
pH = 6.2 Alkalinity = 81 mg/L
Specific Conductance = 380 umhos/cm
Water Temperature = 21.1 degrees Celsius
Water evacuated from the well prior to sampling = 50 gal

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		315.0	UMHC	Env. Eng.
0	PH		6.28	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		6	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
1	CHLORIDE		19300	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
0	IRON		86	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
1	SODIUM		85500	ug/l	Env. Eng.
1	NITRATE AS NITROGEN		9150	ug/l	Env. Eng.
0	LEAD		7	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
1	SULFATE		12500	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
1	TOTAL ORGANIC HALOGENS		11	ug/l	Env. Eng.
0	TOTAL PHOSPHATES	LT	20	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		3.09+-2.13	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.

WELL YSB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/16/89 Time 940
Depth to water = 29.52 ft (9.00 m) below the TOC
Water elevation = 115.08 ft (35.08 m) msl
pH = 5.5 Alkalinity = 9 mg/L
Specific Conductance = 67 umhos/cm
Water Temperature = 19.9 degrees Celsius
Water evacuated from the well prior to sampling = 45 gal

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		70.50	UMHC	Env. Eng.
0	PH		5.11	pH	Env. Eng.
0	SILVER	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	ARSENIC	LT	2	ug/l	Env. Eng.
0	BARIUM		9	ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	1.00	ug/l	Env. Eng.
0	CADMIUM	LT	2	ug/l	Env. Eng.
0	CHLOROFORM	LT	1	ug/l	Env. Eng.
0	CHLORIDE		6500	ug/l	Env. Eng.
0	CHROMIUM	LT	4	ug/l	Env. Eng.
0	FLUORIDE	LT	100	ug/l	Env. Eng.
1	IRON		163	ug/l	Env. Eng.
0	MERCURY	LT	0.20	ug/l	Env. Eng.
1	SODIUM		8140	ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1290	ug/l	Env. Eng.
0	LEAD	LT	6	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SELENIUM	LT	2	ug/l	Env. Eng.
0	SULFATE	LT	5000	ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
0	TOTAL PHOSPHATES		37	ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	1.00	ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	1	ug/l	Env. Eng.
0	GROSS ALPHA	LT	3	pCi/l	Rad. Meas.
0	NONVOLATILE BETA		1.56+-0.86	pCi/l	Rad. Meas.
0	TOTAL RADIUM	LT	1	pCi/l	Rad. Meas.

WELL Z 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/13/89 Time 1400
Depth to water = 40.10 ft (12.22 m) below the TOC
Water elevation = 217.20 ft (66.20 m) msl
pH = 7.1
Specific Conductance = 69 umhos/cm
Water Temperature = 19.0 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

1 TRITIUM 14.72+-0.99 pCi/ml HP, 735A

WELL Z 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/13/89 Time 1300
Depth to water = 50.60 ft (15.42 m) below the TOC
Water elevation = 210.40 ft (64.13 m) msl
pH = 6.7
Specific Conductance = 90 umhos/cm
Water Temperature = 17.9 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

1 TRITIUM 17.87+-1.04 pCi/ml HP, 735A

WELL Z 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/13/89 Time 1045
Depth to water = 63.90 ft (19.48 m) below the TOC
Water elevation = 216.10 ft (65.87 m) msl
pH = 6.5
Specific Conductance = 150 umhos/cm
Water Temperature = 18.5 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

1 TRITIUM 14.12+-0.97 pCi/ml HP, 735A

WELL Z 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/13/89 Time 930
Depth to water = 66.50 ft (20.27 m) below the TOC
Water elevation = 213.00 ft (64.92 m) msl
pH = 4.6
Specific Conductance = 50 umhos/cm
Water Temperature = 16.5 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0 TRITIUM 8.90+-0.85 pCi/ml HP, 735A

WELL Z 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/11/89 Time 1400
Depth to water = 1.00 ft (0.30 m) below the TOC
Water elevation = 297.30 ft (90.62 m) msl
pH = 8.0
Specific Conductance = 258 umhos/cm
Water Temperature = 20.5 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

2 TRITIUM 89.02+-2.04 pCi/ml HP, 735A
2 TRITIUM 98.84+-2.40 pCi/ml HP, 735A

WELL Z 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/11/89 Time 1300
Depth to water = 21.40 ft (6.52 m) below the TOC
Water elevation = 274.20 ft (83.58 m) msl
pH = 9.0
Specific Conductance = 52 umhos/cm
Water Temperature = 21.3 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

1 TRITIUM 12.46+-0.94 pCi/ml HP, 735A

WELL Z 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/11/89 Time 1345
Depth to water = 28.50 ft (8.69 m) below the TOC
Water elevation = 274.60 ft (83.70 m) msl
pH = 9.6
Specific Conductance = 47 umhos/cm
Water Temperature = 20.4 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	TRITIUM	7.95+-0.83 pCi/ml HP, 735A

WELL Z 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/11/89 Time 1330
Depth to water = 44.00 ft (13.41 m) below the TOC
Water elevation = 262.90 ft (80.13 m) msl
pH = 8.7
Specific Conductance = 40 umhos/cm
Water Temperature = 21.0 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

2	TRITIUM	33.26+-1.33 pCi/ml HP, 735A

WELL Z 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/13/89 Time 1030
Depth to water = 9.70 ft (2.96 m) below the TOC
Water elevation = 169.10 ft (51.54 m) msl
pH = 7.1
Specific Conductance = 32 umhos/cm
Water Temperature = 15.7 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	TRITIUM	6.77+-0.80 pCi/ml HP, 735A

WELL Z 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/13/89 Time 1010
Depth to water = 20.00 ft (6.10 m) below the TOC
Water elevation = 182.10 ft (55.50 m) msl
pH = 8.4
Specific Conductance = 34 umhos/cm
Water Temperature = 16.6 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	TRITIUM	3.36+-0.70 pCi/ml HP, 735A

WELL Z 19A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/13/89 Time 946
Depth to water = 77.00 ft (23.47 m) below the TOC
Water elevation = 185.00 ft (56.39 m) msl
pH = 6.5
Specific Conductance = 30 umhos/cm
Water Temperature = 15.8 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	TRITIUM	6.63+-0.79 pCi/ml HP, 735A

WELL Z 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/13/89 Time 1000
Depth to water = 58.00 ft (17.68 m) below the TOC
Water elevation = 183.40 ft (55.90 m) msl
pH = 7.2
Specific Conductance = 23 umhos/cm
Water Temperature = 16.2 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	TRITIUM	7.77+-0.82 pCi/ml HP, 735A

WELL ZBG 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/29/89 Time 945
Depth to water = 59.59 ft (18.16 m) below the TOC
Water elevation = 231.51 ft (70.57 m) msl
pH = 5.8 Alkalinity = 2 mg/L
Specific Conductance = 30 umhos/cm
Water Temperature = 19.8 degrees Celsius
Water evacuated from the well prior to sampling = 38 gal

LABORATORY ANALYSES

0	PH		6.33 pH	Env. Eng.
0	SILVER	LT	2 ug/l	Env. Eng.
0	ARSENIC	LT	2 ug/l	Env. Eng.
0	BARIUM		15 ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5 ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5 ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00 ug/l	Env. Eng.
0	CADMIUM	LT	2 ug/l	Env. Eng.
0	BROMOFORM	LT	10 ug/l	Env. Eng.
0	CHLOROFORM	LT	5 ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5 ug/l	Env. Eng.
0	BROMOMETHANE	LT	10 ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10 ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5 ug/l	Env. Eng.
0	CHROMIUM	LT	4 ug/l	Env. Eng.
0	CHLOROETHENE	LT	10 ug/l	Env. Eng.
0	CHLOROETHANE	LT	10 ug/l	Env. Eng.
0	BENZENE	LT	5 ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5 ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5 ug/l	Env. Eng.
0	MERCURY	LT	0.20 ug/l	Env. Eng.
0	MERCURY	LT	0.20 ug/l	Env. Eng.
0	TOLUENE	LT	5 ug/l	Env. Eng.
0	NITRITE AS NITROGEN	LT	50 ug/l	Env. Eng.
0	NITRATE AS NITROGEN		1330 ug/l	Env. Eng.
0	LEAD		15 ug/l	Env. Eng.
0	PHENOLS	LT	5 ug/l	Env. Eng.
0	ANTIMONY	LT	3 ug/l	Env. Eng.
0	SELENIUM	LT	2 ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10 ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00 ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00 ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5 ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5 ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5 ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5 ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5 ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1 ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10 ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5 ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5 ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10 ug/l	Env. Eng.
0	GROSS ALPHA		0.55+-0.46 pCi/l	Rad. Meas.
0	CERIUM 144		0.00+-0.13 pCi/ml	HP, 735A
0	COBALT 60		0.00+-0.02 pCi/ml	HP, 735A
0	CHROMIUM 51		0.00+-0.21 pCi/ml	HP, 735A
0	CESIUM 134		0.00+-0.02 pCi/ml	HP, 735A
0	CESIUM 137		0.00+-0.02 pCi/ml	HP, 735A
0	IODINE 131		0.00+-0.07 pCi/ml	HP, 735A
0	RUTHENIUM 103		0.00+-0.02 pCi/ml	HP, 735A
0	RUTHENIUM 106		0.00+-0.17 pCi/ml	HP, 735A
0	ANTIMONY 125		0.00+-0.05 pCi/ml	HP, 735A
0	TECHNETIUM 99	LT	5 pCi/l	Tel. Lab.
0	TOTAL RADIUM	LT	1 pCi/l	Rad. Meas.
1	TRITIUM		14.20+-0.39 pCi/ml	Rad. Meas.
0	ZIRCONIUM/NIOBIUM 95		0.00+-0.04 pCi/ml	HP, 735A

WELL 2BG 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/30/89 Time 830
Depth to water = 8.41 ft (2.56 m) below the TOC
Water elevation = 282.59 ft (86.13 m) msl
pH = 5.7 Alkalinity = 2 mg/L
Specific Conductance = 30 umhos/cm
Water Temperature = 16.0 degrees Celsius
Water evacuated from the well prior to sampling = 7 gal
The well went dry during purging.

LABORATORY ANALYSES

1	PH		6.99 pH	Env. Eng.
0	SILVER		2 ug/l	Env. Eng.
0	SILVER	LT	2 ug/l	Env. Eng.
0	ARSENIC	LT	2 ug/l	Env. Eng.
0	ARSENIC	LT	2 ug/l	Env. Eng.
0	BARIUM	LT	4 ug/l	Env. Eng.
0	BARIUM	LT	4 ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5 ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5 ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00 ug/l	Env. Eng.
0	CADMIUM	LT	2 ug/l	Env. Eng.
0	CADMIUM	LT	2 ug/l	Env. Eng.
0	BROMOFORM	LT	10 ug/l	Env. Eng.
0	CHLOROFORM	LT	5 ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5 ug/l	Env. Eng.
0	BROMOMETHANE	LT	10 ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10 ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5 ug/l	Env. Eng.
0	CHROMIUM	LT	4 ug/l	Env. Eng.
0	CHROMIUM	LT	4 ug/l	Env. Eng.
0	CHLOROETHENE	LT	10 ug/l	Env. Eng.
0	CHLOROETHANE	LT	10 ug/l	Env. Eng.
0	BENZENE	LT	5 ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5 ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5 ug/l	Env. Eng.
0	MERCURY	LT	0.20 ug/l	Env. Eng.
0	TOLUENE	LT	5 ug/l	Env. Eng.
0	NITRITE AS NITROGEN	LT	50 ug/l	Env. Eng.
0	NITRATE AS NITROGEN		460 ug/l	Env. Eng.
0	LEAD	LT	6 ug/l	Env. Eng.
0	LEAD	LT	6 ug/l	Env. Eng.
0	PHENOLS	LT	5 ug/l	Env. Eng.
0	PHENOLS	LT	5 ug/l	Env. Eng.
0	ANTIMONY	LT	3 ug/l	Env. Eng.
0	ANTIMONY	LT	3 ug/l	Env. Eng.
0	SELENIUM	LT	2 ug/l	Env. Eng.
0	SELENIUM	LT	2 ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10 ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00 ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00 ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5 ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5 ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5 ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5 ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5 ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1 ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10 ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5 ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5 ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10 ug/l	Env. Eng.
0	GROSS ALPHA		1.01+-0.80 pCi/l	HP, 735A
0	GROSS ALPHA	LT	3 pCi/l	Rad. Meas.
0	NONVOLATILE BETA		2.34+-0.97 pCi/l	HP, 735A
0	CERIUM 144		0.00+-0.14 pCi/ml	HP, 735A
0	COBALT 60		0.00+-0.02 pCi/ml	HP, 735A
0	CHROMIUM 51		0.00+-0.20 pCi/ml	HP, 735A
0	CESIUM 134		0.00+-0.02 pCi/ml	HP, 735A
0	CESIUM 137		0.00+-0.02 pCi/ml	HP, 735A
0	IODINE 131		0.00+-0.06 pCi/ml	HP, 735A
0	RUTHENIUM 103		0.00+-0.02 pCi/ml	HP, 735A
0	RUTHENIUM 106		0.00+-0.15 pCi/ml	HP, 735A
0	ANTIMONY 125		0.00+-0.05 pCi/ml	HP, 735A
0	TOTAL RADIUM	LT	1 pCi/l	Rad. Meas.
1	TRITIUM		19.68+-0.44 pCi/ml	Rad. Meas.
0	ZIRCONIUM/NIOBIUM 95		0.00+-0.04 pCi/ml	HP, 735A

WELL 2BG 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/29/89 Time 910
Depth to water = 60.33 ft (18.39 m) below the TOC
Water elevation = 217.67 ft (66.35 m) msl
pH = 5.3 Alkalinity = 0 mg/L
Specific Conductance = 18 umhos/cm
Water Temperature = 19.3 degrees Celsius
Water evacuated from the well prior to sampling = 20 gal

LABORATORY ANALYSES

0	PH		5.23 pH	Env. Eng.
0	PH		5.17 pH	Env. Eng.
1	SILVER		4 ug/l	Env. Eng.
0	ARSENIC	LT	2 ug/l	Env. Eng.
0	BARIUM		8 ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5 ug/l	Env. Eng.
0	BROMODICHLOROMETHANE	LT	5 ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5 ug/l	Env. Eng.
0	TRICHLOROFLUOROMETHANE	LT	5 ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00 ug/l	Env. Eng.
0	CARBON TETRACHLORIDE	LT	5.00 ug/l	Env. Eng.
0	CADMIUM	LT	2 ug/l	Env. Eng.
0	BROMOFORM	LT	10 ug/l	Env. Eng.

CONTINUED

WELL 2BG 2 COLLECTED ON 03/29/89 LABORATORY ANALYSES CONTINUED

0	BROMOFORM	LT	10 ug/l	Env. Eng.
0	CHLOROFORM	LT	5 ug/l	Env. Eng.
0	CHLOROFORM	LT	5 ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5 ug/l	Env. Eng.
0	METHYLENE CHLORIDE	LT	5 ug/l	Env. Eng.
0	BROMOMETHANE	LT	10 ug/l	Env. Eng.
0	BROMOMETHANE	LT	10 ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10 ug/l	Env. Eng.
0	CHLOROMETHANE	LT	10 ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5 ug/l	Env. Eng.
0	CHLOROBENZENE	LT	5 ug/l	Env. Eng.
0	CHROMIUM	LT	4 ug/l	Env. Eng.
0	CHLOROETHENE	LT	10 ug/l	Env. Eng.
0	CHLOROETHENE	LT	10 ug/l	Env. Eng.
0	CHLOROETHANE	LT	10 ug/l	Env. Eng.
0	CHLOROETHANE	LT	10 ug/l	Env. Eng.
0	BENZENE	LT	5 ug/l	Env. Eng.
0	BENZENE	LT	5 ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5 ug/l	Env. Eng.
0	DIBROMOCHLOROMETHANE	LT	5 ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5 ug/l	Env. Eng.
0	ETHYLBENZENE	LT	5 ug/l	Env. Eng.
0	MERCURY	LT	0.20 ug/l	Env. Eng.
0	TOLUENE	LT	5 ug/l	Env. Eng.
0	TOLUENE	LT	5 ug/l	Env. Eng.
0	NITRITE AS NITROGEN	LT	50 ug/l	Env. Eng.
0	NITRATE AS NITROGEN		821 ug/l	Env. Eng.
0	LEAD		8 ug/l	Env. Eng.
0	PHENOLS	LT	5 ug/l	Env. Eng.
0	ANTIMONY	LT	3 ug/l	Env. Eng.
0	SELENIUM	LT	2 ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10 ug/l	Env. Eng.
0	1,1,2,2-TETRACHLOROETHANE	LT	10 ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00 ug/l	Env. Eng.
0	TETRACHLOROETHYLENE	LT	5.00 ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00 ug/l	Env. Eng.
0	TRICHLOROETHYLENE	LT	5.00 ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5 ug/l	Env. Eng.
0	TRANS-1,2-DICHLOROETHENE	LT	5 ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5 ug/l	Env. Eng.
0	1,1-DICHLOROETHYLENE	LT	5 ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5 ug/l	Env. Eng.
0	1,1-DICHLOROETHANE	LT	5 ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5 ug/l	Env. Eng.
0	1,1,1-TRICHLOROETHANE	LT	5 ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5 ug/l	Env. Eng.
0	1,1,2-TRICHLOROETHANE	LT	5 ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1 ug/l	Env. Eng.
0	1,2-DICHLOROETHANE	LT	1 ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10 ug/l	Env. Eng.
0	1,2-DICHLOROPROPANE	LT	10 ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5 ug/l	Env. Eng.
0	CIS-1,3-DICHLOROPROPENE	LT	5 ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPPOPENE	LT	5 ug/l	Env. Eng.
0	TRANS-1,3-DICHLOROPROPENE	LT	5 ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10 ug/l	Env. Eng.
0	2-CHLOROETHYLVINYL ETHER	LT	10 ug/l	Env. Eng.
0	GROSS ALPHA		0.73+-0.45 pCi/l	Rad. Meas
0	CERIUM 144		0.00+-0.14 pCi/ml	HP, 735A
0	COBALT 60		0.00+-0.02 pCi/ml	HP, 735A
0	CHROMIUM 51		0.00+-0.22 pCi/ml	HP, 735A
0	CESIUM 134		0.00+-0.02 pCi/ml	HP, 735A
0	CESIUM 137		0.00+-0.02 pCi/ml	HP, 735A
0	IODINE 131		0.00+-0.07 pCi/ml	HP, 735A
0	RUTHENIUM 103		0.00+-0.02 pCi/ml	HP, 735A
0	RUTHENIUM 106		0.00+-0.16 pCi/ml	HP, 735A
0	ANTIMONY 125		0.00+-0.05 pCi/ml	HP, 735A
0	TECHNETIUM 99	LT	4 pCi/l	Tel. Iso.
0	TOTAL RADIUM	LT	1 pCi/l	Rad. Meas
1	TRITIUM		12.37+-0.37 pCi/ml	Rad. Meas
0	ZIRCONIUM/NIOBIUM 95		0.00+-0.03 pCi/ml	HP, 735A

WELL 2DT 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/08/89 Time 1420
Depth to water = 26.04 ft (7.94 m) below the TOC
Water elevation = 239.06 ft (72.87 m) msl
pH = 5.2 Alkalinity = 1 mg/L
Specific Conductance = 50 umhos/cm
Water Temperature = 19.6 degrees Celsius
Water evacuated from the well prior to sampling = 46 gal

LABORATORY ANALYSES

0	MANGANESE		16 ug/l	Env. Eng
0	SODIUM		3170 ug/l	Env. Eng
0	TOTAL ORGANIC HALOGENS	LT	5 ug/l	Env. Eng
2	TRITIUM		22.20+-0.54 pCi/ml	Rad. Meas

WELL ZOT 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/08/89 Time 1355
Depth to water = 24.84 ft (7.57 m) below the TOC
Water elevation = 240.16 ft (73.20 m) msl
pH = 5.5 Alkalinity = 5 mg/L
Specific Conductance = 50 umhos/cm
Water Temperature = 18.7 degrees Celsius
Water evacuated from the well prior to sampling = 49 gal

LABORATORY ANALYSES

0	MANGANESE		24	ug/l	Env. Eng.
0	SODIUM		3920	ug/l	Env. Eng.
0	TOTAL ORGANIC HALOGENS	LT	5	ug/l	Env. Eng.
2	TRITIUM		28.90+-0.67	pCi/ml	Rad. Meas.

WELL ZW 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/14/89 Time 930
Depth to water = 137.40 ft (41.88 m) below the TOC
Water elevation = 139.30 ft (42.46 m) msl
pH = 6.8
Specific Conductance = 142 umhos/cm
Water Temperature = 15.6 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	TRITIUM	3.96+-0.72 pCi/ml HP, 735A

WELL ZW 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/11/89 Time 1005
Depth to water = 85.60 ft (26.09 m) below the TOC
Water elevation = 203.40 ft (62.00 m) msl
pH = 6.4
Specific Conductance = 157 umhos/cm
Water Temperature = 16.3 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

2	TRITIUM	146+-3.05 pCi/ml HP, 735A

WELL ZW 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/07/89 Time 930
Depth to water = 61.20 ft (18.65 m) below the TOC
Water elevation = 198.20 ft (60.41 m) msl
pH = 6.5
Specific Conductance = 40 umhos/cm
Water Temperature = 16.9 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

2	GROSS ALPHA	43.90+-15.1 pCi/l	Rad. Meas.
2	GROSS ALPHA	26.70+-12.3 pCi/l	Rad. Meas.
1	NONVOLATILE BETA	33.90+-8.17 pCi/l	Rad. Meas.
1	NONVOLATILE BETA	30.60+-7.27 pCi/l	Rad. Meas.
0	TRITIUM	5.55+-0.76 pCi/ml	HP, 735A
0	TRITIUM	5.97+-0.30 pCi/ml	Rad. Meas.
0	TRITIUM	6.31+-0.31 pCi/ml	Rad. Meas.

WELL ZW 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/11/89 Time 1015
Depth to water = 44.40 ft (13.53 m) below the TOC
Water elevation = 230.40 ft (70.23 m) msl
pH = 6.6
Specific Conductance = 178 umhos/cm
Water Temperature = 16.4 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

1	TRITIUM	10.58+-0.89 pCi/ml HP, 735A

WELL ZW 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/11/89 Time 1030
Depth to water = 50.80 ft (15.48 m) below the TOC
Water elevation = 227.00 ft (69.19 m) msl
pH = 6.7
Specific Conductance = 118 umhos/cm
Water Temperature = 16.7 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

2	TRITIUM	58.99+-1.70 pCi/ml HP, 735A

WELL ZW 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/11/89 Time 1040
The well was dry.

WELL ZW 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/11/89 Time 1055
Depth to water = 7.50 ft (2.29 m) below the TOC
Water elevation = 264.90 ft (80.74 m) msl
pH = 6.9
Specific Conductance = 121 umhos/cm
Water Temperature = 16.0 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

2	TRITIUM	38.24+-1.41 pCi/ml HP, 735A

WELL ZW 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/11/89 Time 1110
Depth to water = 2.00 ft (0.61 m) below the TOC
Water elevation = 271.40 ft (82.72 m) msl
pH = 6.8
Specific Conductance = 71 umhos/cm
Water Temperature = 14.5 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

0	TRITIUM	3.80+-0.71 pCi/ml HP, 735A

WELL ZW 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/11/89 Time 1410
Depth to water = 39.50 ft (12.04 m) below the TOC
Water elevation = 249.20 ft (75.96 m) msl
pH = 7.1
Specific Conductance = 118 umhos/cm
Water Temperature = 22.5 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

2	TRITIUM	70.93+-1.84 pCi/ml HP, 735A

WELL ZW 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/11/89 Time 1315
Depth to water = 54.40 ft (16.58 m) below the TOC
Water elevation = 246.00 ft (74.98 m) msl
pH = 6.7
Specific Conductance = 181 umhos/cm
Water Temperature = 22.0 degrees Celsius
No water was evacuated from the well prior to sampling

LABORATORY ANALYSES

2	TRITIUM	64.55+-1.76 pCi/ml HP, 735A

WATER-LEVEL DATA

This section presents water-level measurements taken in the first quarter of 1989. These data were collected by Jeff Bullard, Bonnie Bullard, and Jack Bullard of Ge-Hy Sampling of New Ellenton, South Carolina. The data were collected at the request of site custodians to assist in hydrogeologic interpretations. Only water elevations were measured. No field measurements of water quality were taken. Some wells not routinely monitored for the EHP Groundwater Monitoring Program are included in these data.

WELL ABP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1029
Depth to water = 140.18 ft (42.72 m) below the TOC
Water elevation = 219.74 ft (66.98 m) msl

WELL ABP 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1036
Depth to water = 153.43 ft (46.77 m) below the TOC
Water elevation = 218.47 ft (66.59 m) msl

WELL ABP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1040
Depth to water = 133.24 ft (40.61 m) below the TOC
Water elevation = 220.46 ft (67.20 m) msl

WELL ABP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1032
Depth to water = 146.41 ft (44.63 m) below the TOC
Water elevation = 217.89 ft (66.41 m) msl

WELL ABW 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1346
Depth to water = 101.07 ft (30.81 m) below the TOC
Water elevation = 223.73 ft (68.19 m) msl

WELL AC 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1108
Depth to water = 49.86 ft (15.20 m) below the TOC
Water elevation = 212.24 ft (64.69 m) msl

WELL AC 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1107

WELL AC 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1251
Depth to water = 123.95 ft (37.78 m) below the TOC
Water elevation = 220.75 ft (67.29 m) msl

WELL AC 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1251
Depth to water = 117.08 ft (35.69 m) below the TOC
Water elevation = 227.72 ft (69.41 m) msl

WELL AC 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1047
Depth to water = 93.26 ft (28.43 m) below the TOC
Water elevation = 209.04 ft (63.72 m) msl

WELL AC 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1047
Depth to water = 91.47 ft (27.88 m) below the TOC
Water elevation = 211.03 ft (64.32 m) msl

WELL ACB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1140
Depth to water = 122.99 ft (37.49 m) below the TOC
Water elevation = 236.61 ft (72.12 m) msl

WELL ACB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1151
Depth to water = 112.37 ft (34.25 m) below the TOC
Water elevation = 237.43 ft (72.37 m) msl

WELL ACB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1230
Depth to water = 110.78 ft (33.77 m) below the TOC
Water elevation = 237.52 ft (72.40 m) msl

WELL ACB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1234
Depth to water = 121.15 ft (36.93 m) below the TOC
Water elevation = 237.95 ft (72.53 m) msl

WELL AWB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1243
Depth to water = 146.67 ft (44.71 m) below the TOC
Water elevation = 233.73 ft (71.24 m) msl

WELL AMB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1240
Depth to water = 146.03 ft (44.51 m) below the TOC
Water elevation = 233.57 ft (71.19 m) msl

WELL AMB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1240
Depth to water = 143.56 ft (43.76 m) below the TOC
Water elevation = 233.64 ft (71.21 m) msl

WELL AMB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1248
Depth to water = 135.91 ft (41.43 m) below the TOC
Water elevation = 233.99 ft (71.32 m) msl

WELL AOB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1127
Depth to water = 105.30 ft (32.10 m) below the TOC
Water elevation = 235.80 ft (71.87 m) msl

WELL AOB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1140
Depth to water = 108.98 ft (33.22 m) below the TOC
Water elevation = 236.42 ft (72.06 m) msl

WELL ARP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1014

WELL ARP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1019
Depth to water = 121.17 ft (36.93 m) below the TOC
Water elevation = 216.13 ft (65.88 m) msl

WELL ARP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1024
Depth to water = 121.78 ft (37.12 m) below the TOC
Water elevation = 218.02 ft (66.45 m) msl

WELL ARP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1010
Depth to water = 133.07 ft (40.56 m) below the TOC
Water elevation = 215.33 ft (65.63 m) msl

WELL ASB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1406

WELL ASB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1414
Depth to water = 111.25 ft (33.91 m) below the TOC
Water elevation = 237.75 ft (72.47 m) msl

WELL ASB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1410
Depth to water = 107.08 ft (32.64 m) below the TOC
Water elevation = 237.92 ft (72.52 m) msl

WELL ASB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1328
Depth to water = 98.83 ft (30.12 m) below the TOC
Water elevation = 236.77 ft (72.17 m) msl

WELL ASB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1423
Depth to water = 108.16 ft (32.97 m) below the TOC
Water elevation = 236.84 ft (72.19 m) msl

WELL ASB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1418
Depth to water = 113.84 ft (34.70 m) below the TOC
Water elevation = 236.36 ft (72.04 m) msl

WELL ASB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1418
Depth to water = 118.72 ft (36.19 m) below the TOC
Water elevation = 234.68 ft (71.53 m) msl

WELL ASB 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1430
Depth to water = 115.62 ft (35.24 m) below the TOC
Water elevation = 233.38 ft (71.14 m) msl

WELL ASB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1444
Depth to water = 131.72 ft (40.15 m) below the TOC
Water elevation = 217.58 ft (66.32 m) msl

WELL ASB 8B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1443
Depth to water = 130.68 ft (39.83 m) below the TOC
Water elevation = 219.12 ft (66.79 m) msl

WELL ASB 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1439
Depth to water = 127.02 ft (38.72 m) below the TOC
Water elevation = 222.88 ft (67.87 m) msl

WELL ASB 8TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1442
Depth to water = 136.02 ft (41.46 m) below the TOC
Water elevation = 213.58 ft (65.10 m) msl

WELL ASB 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1313
Depth to water = 70.02 ft (21.34 m) below the TOC
Water elevation = 238.98 ft (72.84 m) msl

WELL ASB 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1313
Depth to water = 90.38 ft (27.55 m) below the TOC
Water elevation = 218.62 ft (66.64 m) msl

WELL WCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 940
Depth to water = 109.55 ft (33.39 m) below the TOC
Water elevation = 218.85 ft (66.71 m) msl

WELL WCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 955
Depth to water = 129.93 ft (39.60 m) below the TOC
Water elevation = 220.47 ft (67.20 m) msl

WELL WCB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 950
Depth to water = 118.87 ft (36.23 m) below the TOC
Water elevation = 220.73 ft (67.28 m) msl

WELL WCB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 945
Depth to water = 115.86 ft (35.31 m) below the TOC
Water elevation = 216.24 ft (65.91 m) msl

WELL WSB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1109

WELL WSB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time

WELL WSB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1055

WELL WSB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1051

WELL WSB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 916

WELL MSB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 853
Depth to water = 116.67 ft (35.56 m) below the TOC
Water elevation = 227.23 ft (69.26 m) msl

WELL MSB 7A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 847
Depth to water = 116.03 ft (35.37 m) below the TOC
Water elevation = 228.47 ft (69.64 m) msl

WELL MSB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1114
Depth to water = 114.68 ft (34.95 m) below the TOC
Water elevation = 229.54 ft (69.96 m) msl

WELL MSB 9A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1046
Depth to water = 146.64 ft (44.70 m) below the TOC
Water elevation = 212.78 ft (64.85 m) msl

WELL MSB 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1049
Depth to water = 128.61 ft (39.20 m) below the TOC
Water elevation = 230.99 ft (70.41 m) msl

WELL MSB 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1046
Depth to water = 128.73 ft (39.24 m) below the TOC
Water elevation = 230.37 ft (70.22 m) msl

WELL MSB 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 944
Depth to water = 145.54 ft (44.36 m) below the TOC
Water elevation = 209.46 ft (63.84 m) msl

WELL MSB 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 943
Depth to water = 143.30 ft (43.68 m) below the TOC
Water elevation = 211.40 ft (64.44 m) msl

WELL MSB 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 940
Depth to water = 128.93 ft (38.69 m) below the TOC
Water elevation = 229.07 ft (69.82 m) msl

WELL MSB 11A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1038
Depth to water = 152.03 ft (46.34 m) below the TOC
Water elevation = 212.87 ft (64.88 m) msl

WELL MSB 11B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1041
Depth to water = 145.43 ft (44.33 m) below the TOC
Water elevation = 219.37 ft (66.86 m) msl

WELL MSB 11C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1038
Depth to water = 143.12 ft (43.62 m) below the TOC
Water elevation = 221.78 ft (67.60 m) msl

WELL MSB 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1035
Depth to water = 134.84 ft (41.10 m) below the TOC
Water elevation = 230.38 ft (70.21 m) msl

WELL MSB 11F

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1035

WELL MSB 12A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 929
Depth to water = 140.44 ft (42.81 m) below the TOC
Water elevation = 207.36 ft (63.20 m) msl

WELL MSB 12B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 929
Depth to water = 131.34 ft (40.03 m) below the TOC
Water elevation = 217.06 ft (66.16 m) msl

WELL MSB 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 932
Depth to water = 125.38 ft (38.22 m) below the TOC
Water elevation = 222.52 ft (67.82 m) msl

WELL MSB 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 936

WELL MSB 12TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 935
Depth to water = 159.18 ft (48.52 m) below the TOC
Water elevation = 189.32 ft (57.71 m) msl

WELL MSB 12TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 932
Depth to water = 159.25 ft (48.54 m) below the TOC
Water elevation = 189.65 ft (57.81 m) msl

WELL MSB 13A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 920
Depth to water = 138.93 ft (42.35 m) below the TOC
Water elevation = 206.27 ft (62.87 m) msl

WELL MSB 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 922
Depth to water = 149.19 ft (45.47 m) below the TOC
Water elevation = 196.41 ft (59.87 m) msl

WELL MSB 13C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 920

WELL MSB 14A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1104
Depth to water = 132.20 ft (40.30 m) below the TOC
Water elevation = 216.10 ft (65.87 m) msl

WELL MSB 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1106
Depth to water = 130.80 ft (39.87 m) below the TOC
Water elevation = 217.90 ft (66.42 m) msl

WELL MSB 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1104

WELL MSB 15A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1004
Depth to water = 146.39 ft (44.62 m) below the TOC
Water elevation = 220.81 ft (67.30 m) msl

WELL MSB 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1009
Depth to water = 147.11 ft (44.84 m) below the TOC
Water elevation = 219.59 ft (66.93 m) msl

WELL MSB 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1009

WELL MSB 17A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 907
Depth to water = 142.70 ft (43.50 m) below the TOC
Water elevation = 215.30 ft (65.62 m) msl

WELL MSB 17B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 907
Depth to water = 133.04 ft (40.55 m) below the TOC
Water elevation = 224.86 ft (68.54 m) msl

WELL MSB 17C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 910

WELL MSB 18A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 858
Depth to water = 130.22 ft (39.69 m) below the TOC
Water elevation = 209.98 ft (64.00 m) msl

WELL MSB 18B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 901
Depth to water = 121.10 ft (36.91 m) below the TOC
Water elevation = 219.20 ft (66.81 m) msl

WELL MSB 18C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 858
Depth to water = 115.90 ft (35.33 m) below the TOC
Water elevation = 224.70 ft (68.49 m) msl

WELL MSB 19A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1157
Depth to water = 87.37 ft (26.63 m) below the TOC
Water elevation = 212.13 ft (64.66 m) msl

WELL MSB 19B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1156
Depth to water = 84.67 ft (25.81 m) below the TOC
Water elevation = 215.23 ft (65.60 m) msl

WELL MSB 19C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1158
Depth to water = 63.87 ft (19.47 m) below the TOC
Water elevation = 236.33 ft (72.03 m) msl

WELL MSB 20A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1027
Depth to water = 136.38 ft (41.57 m) below the TOC
Water elevation = 217.62 ft (66.33 m) msl

WELL MSB 20C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1027
Depth to water = 126.64 ft (38.60 m) below the TOC
Water elevation = 226.66 ft (69.09 m) msl

WELL MSB 21A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1022
Depth to water = 133.50 ft (40.69 m) below the TOC
Water elevation = 219.90 ft (67.03 m) msl

WELL MSB 21C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1020
Depth to water = 124.40 ft (37.92 m) below the TOC
Water elevation = 229.00 ft (69.80 m) msl

WELL MSB 21TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1020
Depth to water = 162.98 ft (49.68 m) below the TOC
Water elevation = 191.72 ft (58.44 m) msl

WELL MSB 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1055

WELL MSB 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1530

WELL MSB 23B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1532
Depth to water = 148.15 ft (45.16 m) below the TOC
Water elevation = 223.45 ft (68.11 m) msl

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1534
Depth to water = 174.86 ft (53.30 m) below the TOC
Water elevation = 198.04 ft (60.36 m) msl

WELL MSB 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1519
Depth to water = 145.05 ft (44.21 m) below the TOC
Water elevation = 235.15 ft (71.67 m) msl

WELL MSB 24A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1519
Depth to water = 155.74 ft (47.47 m) below the TOC
Water elevation = 225.86 ft (68.84 m) msl

WELL MSB 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1544

WELL MSB 25A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1544
Depth to water = 148.09 ft (45.14 m) below the TOC
Water elevation = 218.31 ft (66.54 m) msl

WELL MSB 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1014

WELL MSB 26A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1014
Depth to water = 137.23 ft (41.83 m) below the TOC
Water elevation = 223.67 ft (68.18 m) msl

WELL MSB 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1508
Depth to water = 137.02 ft (41.76 m) below the TOC
Water elevation = 238.48 ft (72.69 m) msl

WELL MSB 27A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1510

WELL MSB 27B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1508
Depth to water = 150.90 ft (45.99 m) below the TOC
Water elevation = 225.90 ft (68.86 m) msl

WELL MSB 27TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1511
Depth to water = 179.22 ft (54.63 m) below the TOC
Water elevation = 197.38 ft (60.16 m) msl

WELL MSB 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1317
Depth to water = 123.69 ft (37.70 m) below the TOC
Water elevation = 230.71 ft (70.32 m) msl

WELL MSB 28A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1317
Depth to water = 131.00 ft (39.93 m) below the TOC
Water elevation = 223.20 ft (68.03 m) msl

WELL MSB 29A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1743
Depth to water = 146.41 ft (44.63 m) below the TOC
Water elevation = 218.99 ft (66.75 m) msl

WELL MSB 29B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1743
Depth to water = 140.63 ft (42.86 m) below the TOC
Water elevation = 224.57 ft (68.45 m) msl

WELL MSB 29C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1740
Depth to water = 134.18 ft (40.90 m) below the TOC
Water elevation = 231.02 ft (70.42 m) msl

WELL MSB 29D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1745
Depth to water = 132.03 ft (40.24 m) below the TOC
Water elevation = 233.07 ft (71.04 m) msl

WELL MSB 29DD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/31/89 Time 1614
Depth to water = 130.72 ft (39.84 m) below the TOC
Water elevation = 233.88 ft (71.29 m) msl

WELL MSB 29TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1740
Depth to water = 154.67 ft (47.14 m) below the TOC
Water elevation = 210.53 ft (64.17 m) msl

WELL MSB 30A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1258
Depth to water = 159.07 ft (48.49 m) below the TOC
Water elevation = 195.53 ft (59.60 m) msl

WELL MSB 30AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1258
Depth to water = 128.89 ft (39.29 m) below the TOC
Water elevation = 223.71 ft (68.19 m) msl

WELL MSB 30B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1301
Depth to water = 128.20 ft (39.08 m) below the TOC
Water elevation = 224.90 ft (68.55 m) msl

WELL MSB 30C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1302
Depth to water = 123.15 ft (37.54 m) below the TOC
Water elevation = 231.75 ft (70.64 m) msl

WELL MSB 30CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1303
Depth to water = 128.74 ft (39.24 m) below the TOC
Water elevation = 224.96 ft (68.57 m) msl

WELL MSB 31A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1120
Depth to water = 153.12 ft (46.67 m) below the TOC
Water elevation = 194.08 ft (59.16 m) msl

WELL MSB 31B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1120
Depth to water = 135.86 ft (41.41 m) below the TOC
Water elevation = 211.64 ft (64.51 m) msl

WELL MSB 31C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1123
Depth to water = 113.66 ft (34.64 m) below the TOC
Water elevation = 233.64 ft (71.21 m) msl

WELL MSB 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1206
Depth to water = 29.83 ft (9.09 m) below the TOC
Water elevation = 225.47 ft (68.72 m) msl

WELL MSB 33

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1625
Depth to water = 38.71 ft (11.80 m) below the TOC
Water elevation = 217.89 ft (66.41 m) msl

WELL MSB 33A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1629
Depth to water = 51.99 ft (15.85 m) below the TOC
Water elevation = 203.41 ft (62.00 m) msl

WELL MSB 33B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1627
Depth to water = 47.43 ft (14.46 m) below the TOC
Water elevation = 207.77 ft (63.33 m) msl

WELL MSB 33C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1625
Depth to water = 44.89 ft (13.68 m) below the TOC
Water elevation = 210.41 ft (64.13 m) msl

WELL MSB 33TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1628
Depth to water = 63.55 ft (19.37 m) below the TOC
Water elevation = 191.95 ft (58.51 m) msl

WELL MSB 34A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1658
Depth to water = 166.24 ft (50.67 m) below the TOC
Water elevation = 216.96 ft (66.13 m) msl

WELL MSB 34B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1701
Depth to water = 157.16 ft (47.90 m) below the TOC
Water elevation = 225.94 ft (68.87 m) msl

WELL MSB 34C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1703
Depth to water = 153.82 ft (46.88 m) below the TOC
Water elevation = 229.38 ft (69.92 m) msl

WELL MSB 34TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1702
Depth to water = 184.47 ft (56.23 m) below the TOC
Water elevation = 198.03 ft (60.36 m) msl

WELL MSB 34TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1658
Depth to water = 184.05 ft (56.10 m) below the TOC
Water elevation = 198.75 ft (60.58 m) msl

WELL MSB 35A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1132
Depth to water = 135.74 ft (41.37 m) below the TOC
Water elevation = 215.36 ft (65.64 m) msl

WELL MSB 35B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1135
Depth to water = 132.65 ft (40.43 m) below the TOC
Water elevation = 219.15 ft (66.80 m) msl

WELL MSB 35D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1135

WELL MSB 35TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1132
Depth to water = 153.37 ft (46.75 m) below the TOC
Water elevation = 197.03 ft (60.06 m) msl

WELL MSB 36A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1612
Depth to water = 131.44 ft (40.06 m) below the TOC
Water elevation = 209.16 ft (63.75 m) msl

WELL MSB 36B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1614
Depth to water = 127.27 ft (38.79 m) below the TOC
Water elevation = 213.43 ft (65.05 m) msl

WELL MSB 36C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1612
Depth to water = 127.25 ft (38.79 m) below the TOC
Water elevation = 213.55 ft (65.09 m) msl

WELL MSB 36D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1609

WELL MSB 36TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1609
Depth to water = 148.80 ft (45.35 m) below the TOC
Water elevation = 191.80 ft (58.46 m) msl

WELL MSB 37A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1726
Depth to water = 178.06 ft (54.27 m) below the TOC
Water elevation = 205.04 ft (62.50 m) msl

WELL MSB 37B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1729
Depth to water = 164.47 ft (50.13 m) below the TOC
Water elevation = 218.33 ft (66.55 m) msl

WELL MSB 37C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1729
Depth to water = 154.73 ft (47.16 m) below the TOC
Water elevation = 228.37 ft (69.61 m) msl

WELL MSB 37D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1732

WELL MSB 37TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1726
Depth to water = 177.91 ft (54.23 m) below the TOC
Water elevation = 204.49 ft (62.33 m) msl

WELL MSB 38TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1643
Depth to water = 164.43 ft (50.12 m) below the TOC
Water elevation = 192.27 ft (58.60 m) msl

WELL MSB 39A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1541
Depth to water = 133.31 ft (40.63 m) below the TOC
Water elevation = 208.29 ft (63.49 m) msl

WELL MSB 39B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1544
Depth to water = 130.30 ft (39.72 m) below the TOC
Water elevation = 211.50 ft (64.47 m) msl

WELL MSB 39C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1542
Depth to water = 126.53 ft (38.57 m) below the TOC
Water elevation = 214.97 ft (65.52 m) msl

WELL MSB 39D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1539
Depth to water = 109.68 ft (33.43 m) below the TOC
Water elevation = 232.02 ft (70.72 m) msl

WELL MSB 39TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1539
Depth to water = 152.19 ft (46.39 m) below the TOC
Water elevation = 189.61 ft (57.79 m) msl

WELL MSB 40A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1555
Depth to water = 119.88 ft (36.54 m) below the TOC
Water elevation = 201.32 ft (61.36 m) msl

WELL MSB 40B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1557
Depth to water = 118.76 ft (36.20 m) below the TOC
Water elevation = 202.94 ft (61.86 m) msl

WELL MSB 40C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1554

WELL MSB 40D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1552

WELL MSB 40TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1553
Depth to water = 134.40 ft (40.97 m) below the TOC
Water elevation = 186.40 ft (56.82 m) msl

WELL MSB 41A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1303
Depth to water = 108.47 ft (33.06 m) below the TOC
Water elevation = 215.33 ft (65.63 m) msl

WELL MSB 41B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1305
Depth to water = 108.41 ft (33.04 m) below the TOC
Water elevation = 215.59 ft (65.71 m) msl

WELL MSB 41C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1303
Depth to water = 108.35 ft (33.03 m) below the TOC
Water elevation = 216.25 ft (65.91 m) msl

WELL MSB 41D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1300

WELL MSB 41TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1301
Depth to water = 120.02 ft (16.58 m) below the TOC
Water elevation = 203.68 ft (62.08 m) msl

WELL MSB 42A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/06/89 Time 1435
Depth to water = 158.66 ft (48.36 m) below the TOC
Water elevation = 217.94 ft (66.43 m) msl

WELL MSB 42B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/06/89 Time 1439
Depth to water = 150.39 ft (45.84 m) below the TOC
Water elevation = 226.11 ft (68.92 m) msl

WELL MSB 42C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/06/89 Time 1442
Depth to water = 144.37 ft (44.00 m) below the TOC
Water elevation = 232.13 ft (70.75 m) msl

WELL MSB 42D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/06/89 Time 1445

WELL MSB 42TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/06/89 Time 1431
Depth to water = 176.35 ft (53.75 m) below the TOC
Water elevation = 200.35 ft (61.07 m) msl

WELL MSB 43A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1556
Depth to water = 128.29 ft (39.10 m) below the TOC
Water elevation = 229.61 ft (69.99 m) msl

WELL MSB 43B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1559
Depth to water = 127.95 ft (39.00 m) below the TOC
Water elevation = 230.05 ft (70.12 m) msl

WELL MSB 43D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1556
Depth to water = 125.67 ft (38.30 m) below the TOC
Water elevation = 231.83 ft (70.66 m) msl

WELL MSB 43DD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/31/89 Time 1618
Depth to water = 125.63 ft (38.29 m) below the TOC
Water elevation = 232.47 ft (70.86 m) msl

WELL MSB 43TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1559
Depth to water = 157.05 ft (47.87 m) below the TOC
Water elevation = 200.55 ft (61.13 m) msl

WELL MSB 44A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1717
Depth to water = 160.34 ft (48.87 m) below the TOC
Water elevation = 216.56 ft (66.01 m) msl

WELL MSB 44B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1717
Depth to water = 152.76 ft (46.56 m) below the TOC
Water elevation = 224.34 ft (68.38 m) msl

WELL MSB 44C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1720
Depth to water = 142.35 ft (43.39 m) below the TOC
Water elevation = 235.55 ft (71.80 m) msl

WELL MSB 45A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1648
Depth to water = 165.49 ft (50.44 m) below the TOC
Water elevation = 215.61 ft (65.72 m) msl

WELL MSB 45B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1648
Depth to water = 154.93 ft (47.22 m) below the TOC
Water elevation = 226.17 ft (68.94 m) msl

WELL MSB 45C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1651

WELL MSB 46A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1710
Depth to water = 157.81 ft (48.10 m) below the TOC
Water elevation = 214.89 ft (65.50 m) msl

WELL MSB 46B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1710

WELL MSB 46C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1713

WELL MSB 47B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1454
Depth to water = 146.69 ft (44.71 m) below the TOC
Water elevation = 222.31 ft (67.76 m) msl

WELL MSB 47C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1454
Depth to water = 136.00 ft (41.45 m) below the TOC
Water elevation = 233.30 ft (71.11 m) msl

WELL MSB 47D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1451
Depth to water = 134.79 ft (41.08 m) below the TOC
Water elevation = 234.41 ft (71.45 m) msl

WELL MSB 47TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1451
Depth to water = 153.75 ft (46.86 m) below the TOC
Water elevation = 215.25 ft (65.61 m) msl

WELL MSB 48D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1809
Depth to water = 130.86 ft (39.89 m) below the TOC
Water elevation = 232.34 ft (70.82 m) msl

WELL MSB 49B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1003
Depth to water = 109.95 ft (33.51 m) below the TOC
Water elevation = 224.85 ft (68.54 m) msl

WELL MSB 49D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1003
Depth to water = 108.69 ft (33.13 m) below the TOC
Water elevation = 225.51 ft (68.74 m) msl

WELL MSB 50B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 826
Depth to water = 21.66 ft (6.60 m) below the TOC
Water elevation = 202.34 ft (61.67 m) msl

WELL MSB 50D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 826
Depth to water = 21.02 ft (6.41 m) below the TOC
Water elevation = 202.48 ft (61.72 m) msl

WELL MSB 51B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 811
Depth to water = 59.69 ft (18.19 m) below the TOC
Water elevation = 203.81 ft (62.12 m) msl

WELL MSB 51D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 811
Depth to water = 53.71 ft (16.37 m) below the TOC
Water elevation = 208.79 ft (63.64 m) msl

WELL MSB 52B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1254
Depth to water = 104.11 ft (31.73 m) below the TOC
Water elevation = 217.79 ft (66.38 m) msl

Sample date 03/05/89 Time 1157

WELL MSB 52D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1254
Depth to water = 85.01 ft (25.91 m) below the TOC
Water elevation = 236.79 ft (72.17 m) msl

WELL MSB 53C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1334
Depth to water = 123.65 ft (37.69 m) below the TOC
Water elevation = 221.85 ft (67.62 m) msl

WELL MSB 53D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1334
Depth to water = 112.90 ft (34.41 m) below the TOC
Water elevation = 232.20 ft (70.78 m) msl

WELL MSB 54B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1756
Depth to water = 152.58 ft (46.51 m) below the TOC
Water elevation = 221.12 ft (67.40 m) msl

WELL MSB 54C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1753
Depth to water = 147.62 ft (45.00 m) below the TOC
Water elevation = 226.08 ft (68.91 m) msl

WELL MSB 54D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1753
Depth to water = 140.97 ft (42.97 m) below the TOC
Water elevation = 233.03 ft (71.03 m) msl

WELL MSB 54TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1756
Depth to water = 155.44 ft (47.38 m) below the TOC
Water elevation = 218.36 ft (66.56 m) msl

WELL MSB 55D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1804

Sample date 03/05/89 Time 1059

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1608
Depth to water = 59.30 ft (18.07 m) below the TOC
Water elevation = 220.50 ft (67.21 m) msl

WELL MSB 61C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1340
Depth to water = 95.77 ft (29.19 m) below the TOC
Water elevation = 221.83 ft (67.61 m) msl

WELL MSB 61D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/89 Time 1340
Depth to water = 94.22 ft (28.72 m) below the TOC
Water elevation = 223.88 ft (68.24 m) msl

WELL SLW 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/31/89 Time 1708
Depth to water = 135.34 ft (41.25 m) below the TOC
Water elevation = 168.76 ft (51.44 m) msl

WELL SLW 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/31/89 Time 1737
Depth to water = 123.81 ft (37.74 m) below the TOC
Water elevation = 180.79 ft (55.11 m) msl

WELL SLW 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/31/89 Time 1730
Depth to water = 93.85 ft (28.61 m) below the TOC
Water elevation = 184.85 ft (56.34 m) msl

WELL SLW 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/31/89 Time 1700
Depth to water = 107.49 ft (32.76 m) below the TOC
Water elevation = 193.21 ft (58.89 m) msl

WELL SLW 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/31/89 Time 1651
Depth to water = 51.49 ft (15.69 m) below the TOC
Water elevation = 190.51 ft (58.07 m) msl

WELL SLW 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/31/89 Time 1643
Depth to water = 55.85 ft (17.02 m) below the TOC
Water elevation = 195.85 ft (59.63 m) msl

WELL SLW 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/31/89 Time 1715
Depth to water = 62.55 ft (19.07 m) below the TOC
Water elevation = 168.55 ft (51.37 m) msl

WELL SLW 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/31/89 Time 1722
Depth to water = 65.90 ft (20.09 m) below the TOC
Water elevation = 191.60 ft (58.40 m) msl

WELL SRW 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1215

WELL SRW 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1211
Depth to water = 107.68 ft (32.82 m) below the TOC
Water elevation = 212.92 ft (64.90 m) msl

WELL SRW 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1208
Depth to water = 115.42 ft (35.18 m) below the TOC
Water elevation = 205.18 ft (62.54 m) msl

WELL SRW 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1208
Depth to water = 114.22 ft (34.81 m) below the TOC
Water elevation = 206.38 ft (62.91 m) msl

WELL SRW 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1204
Depth to water = 119.50 ft (36.42 m) below the TOC
Water elevation = 212.60 ft (64.80 m) msl

WELL SRW 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1233
Depth to water = 108.05 ft (32.93 m) below the TOC
Water elevation = 212.05 ft (64.63 m) msl

WELL SRW 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1230
Depth to water = 99.19 ft (30.23 m) below the TOC
Water elevation = 210.21 ft (64.07 m) msl

WELL SRW 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1218
Depth to water = 96.73 ft (29.48 m) below the TOC
Water elevation = 210.97 ft (64.30 m) msl

WELL SRW 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1227
Depth to water = 89.52 ft (27.29 m) below the TOC
Water elevation = 209.58 ft (63.88 m) msl

WELL SRW 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1144
Depth to water = 80.93 ft (24.67 m) below the TOC
Water elevation = 207.17 ft (63.15 m) msl

WELL SRW 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1155
Depth to water = 56.73 ft (17.29 m) below the TOC
Water elevation = 196.67 ft (59.95 m) msl

WELL SRW 9A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1158
Depth to water = 56.25 ft (17.15 m) below the TOC
Water elevation = 197.05 ft (60.06 m) msl

WELL SRW 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1155
Depth to water = 55.90 ft (17.04 m) below the TOC
Water elevation = 197.50 ft (60.20 m) msl

WELL SRW 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1221

WELL SRW 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1224
Depth to water = 86.62 ft (26.40 m) below the TOC
Water elevation = 209.18 ft (63.76 m) msl

WELL SRW 12A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1148
Depth to water = 43.90 ft (13.38 m) below the TOC
Water elevation = 192.40 ft (58.64 m) msl

WELL SRW 12B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1151
Depth to water = 49.85 ft (15.19 m) below the TOC
Water elevation = 186.45 ft (56.83 m) msl

WELL SRW 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1148
Depth to water = 44.16 ft (13.46 m) below the TOC
Water elevation = 192.14 ft (58.56 m) msl

WELL SRW 13A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1137
Depth to water = 97.83 ft (29.82 m) below the TOC
Water elevation = 199.87 ft (60.92 m) msl

WELL SRW 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1139
Depth to water = 95.80 ft (29.20 m) below the TOC
Water elevation = 201.90 ft (61.54 m) msl

WELL SRW 13C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1137
Depth to water = 89.46 ft (27.27 m) below the TOC
Water elevation = 208.24 ft (63.47 m) msl

WELL SRW 14A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1131
Depth to water = 124.88 ft (38.06 m) below the TOC
Water elevation = 202.12 ft (61.61 m) msl

WELL SRW 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1128
Depth to water = 122.99 ft (37.49 m) below the TOC
Water elevation = 203.91 ft (62.15 m) msl

WELL SRW 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1128

WELL SRW 15A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1238
Depth to water = 111.34 ft (33.94 m) below the TOC
Water elevation = 207.76 ft (63.33 m) msl

WELL SRW 15B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1238
Depth to water = 110.89 ft (33.80 m) below the TOC
Water elevation = 208.21 ft (63.46 m) msl

WELL SRW 15C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1241
Depth to water = 107.46 ft (32.75 m) below the TOC
Water elevation = 211.64 ft (64.51 m) msl

WELL SRW 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1056
Depth to water = 133.66 ft (40.74 m) below the TOC
Water elevation = 213.14 ft (64.97 m) msl

WELL SRW 16B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1059
Depth to water = 132.98 ft (40.53 m) below the TOC
Water elevation = 213.82 ft (65.17 m) msl

WELL SRW 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/04/89 Time 1056
Depth to water = 132.21 ft (40.30 m) below the TOC
Water elevation = 214.39 ft (65.35 m) msl

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Soil Coring: 1Q86, 12
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Sample Collection: 3Q86, 28; 4Q86, 36; 1Q87, 37; 2Q87, 32; 3Q87, 36; 4Q87, 38; 1Q88, 94; 2Q88, 61
Sample Analysis: 3Q88, 79

KSB Series
Executive Summary: 3Q86, 2; 1Q87, 2; 2Q87, 2; 3Q87, 2; 4Q87, 2; 1Q88, 2; 2Q88, 2; 3Q88, 2; 4Q88, 2
Well Maintenance: 4Q88, 13
Sample Scheduling: 3Q88, 38
Sample Collection: 3Q86, 28; 4Q86, 36; 1Q87, 37; 2Q87, 32; 3Q87, 36; 4Q87, 38; 1Q88, 94; 2Q88, 61; 3Q88, 46; 4Q88, 58
Sample Analysis: 3Q87, 52

KSS Series
Executive Summary: 4Q88, 2
Well Construction: 4Q88, 19-20
Well Stabilization: 4Q88, 36-37
Surveying: 4Q88, 48
Sample Scheduling: 4Q88, 50
Sample Collection: 4Q88, 58
Sample Analysis: 4Q88, 92.

LAC Series
Executive Summary: 3Q86, 3; 4Q86, 2; 1Q87, 3; 3Q87, 3; 1Q88, 3; 3Q88, 2
Well Maintenance: 3Q87, 12
Sample Scheduling: 3Q88, 38
Sample Collection: 3Q86, 28; 4Q86, 36; 1Q87, 37; 2Q87, 32; 3Q87, 36; 4Q87, 38; 1Q88, 94; 2Q88, 61
Sample Analysis: 1Q87, 47-48, 55-56; 3Q87, 52; 1Q88, 121-122; 3Q88, 79

LAW Series
Sample Scheduling: 4Q86, 30
Sample Collection: 4Q86, 36
Sample Analysis: 4Q86, 41

LCO Series
Executive Summary: 3Q86, 2; 4Q86, 2; 1Q87, 3; 3Q87, 3; 1Q88, 3; 3Q88, 2
Well Maintenance: 2Q87, 16
Sample Scheduling: 3Q88, 38
Sample Collection: 3Q86, 29; 4Q86, 36; 1Q87, 37; 2Q87, 32; 3Q87, 37; 4Q87, 38; 1Q88, 94; 2Q88, 61; 3Q88, 46; 4Q88, 58
Sample Analysis: 1Q86, 18; 1Q87, 56; 1Q88, 121-122; 3Q88, 79-80, 83

LDB Series
Executive Summary: 3Q86, 3; 4Q86, 2; 1Q87, 3; 3Q87, 3; 1Q88, 3; 3Q88, 2
Well Maintenance: 3Q86, 13
Surveying: 1Q87, 26
Sample Scheduling: 3Q88, 38
Sample Collection: 2Q86, 17; 3Q86, 29; 4Q86, 36-37; 1Q87, 37; 2Q87, 32; 3Q87, 37; 4Q87, 38; 1Q88, 94; 2Q88, 61; 3Q88, 47; 4Q88, 58
Sample Analysis: 3Q86, 37; 1Q87, 56; 3Q88, 78

LFW Series
Executive Summary: 3Q86, 6; 4Q86, 6; 1Q87, 7; 2Q87, 5; 3Q87, 8; 4Q87, 1, 5; 1Q88, 8; 2Q88, 5; 3Q88, 5

LFW Series (cont.)
Well Abandonment: 4Q86, 11
Well Maintenance: 2Q87, 17-18; 2Q88, 18; 4Q88, 14
Well Construction: 4Q86, 14-21
Well Stabilization: 1Q87, 22-24
Surveying: 4Q86, 28
Sample Scheduling: 1Q87, 29; 3Q87, 30; 4Q87, 29; 1Q88, 84; 3Q88, 38-39
Sample Collection: 3Q86, 29; 4Q86, 37; 1Q87, 37; 2Q87, 32-33; 3Q87, 37; 4Q87, 38; 1Q88, 95; 2Q88, 61; 3Q88, 47; 4Q88, 58-59
Sample Analysis: 1Q87, 41-42, 55; 2Q87, 40, 42-43; 3Q87, 51-52; 4Q87, 46-47, 54-56; 1Q88, 107-109, 115, 121-122, 124; 3Q88, 58-61, 67-68, 75, 77-82; 4Q88, 73, 97

LRP Series
Executive Summary: 3Q86, 3; 4Q86, 2; 1Q87, 3; 3Q87, 3; 1Q88, 3; 3Q88, 2
Well Maintenance: 3Q86, 13; 4Q88, 14
Sample Scheduling: 3Q88, 38
Sample Collection: 3Q86, 29; 4Q86, 37; 1Q87, 38; 2Q87, 33; 3Q87, 37; 4Q87, 39; 1Q88, 95; 2Q88, 61; 3Q88, 47; 4Q88, 59
Sample Analysis: 1Q87, 55; 1Q88, 121; 3Q88, 75

LSB Series
Executive Summary: 3Q86, 3; 1Q87, 3; 3Q87, 3; 1Q88, 3; 2Q88, 2; 3Q88, 2; 4Q88, 2
Sample Scheduling: 1Q88, 84; 2Q88, 52; 3Q88, 38, 40
Sample Collection: 3Q86, 29; 4Q86, 37; 1Q87, 38; 2Q87, 33; 3Q87, 37; 4Q87, 39; 1Q88, 95; 2Q88, 62; 4Q88, 59
Sample Analysis: 3Q87, 52-53; 1Q88, 122, 124; 4Q88, 96

M Series
Surveying: 3Q86, 18

MCB Series
Executive Summary: 3Q87, 7; 4Q87, 5; 1Q88, 7; 2Q88, 4; 3Q88, 5; 4Q88, 4
Corrections to Previous Reports: 1Q87, 9; 4Q87, 8
Well Construction: 2Q87, 20-21; 4Q87, 13
Well Stabilization: 4Q87, 26
Surveying: 2Q87, 24; 1Q88, 81
Sample Collection: 3Q87, 38; 4Q87, 39; 1Q88, 95; 2Q88, 62; 3Q88, 47; 4Q88, 59
Sample Analysis: 1Q88, 120-122
Water-Level Data: 4Q88, 303

MGA Series
Executive Summary: 2Q87, 3; 3Q87, 4; 4Q87, 2; 1Q88, 4
Sample Collection: 1Q87, 38; 2Q87, 33; 3Q87, 38; 4Q87, 39; 1Q88, 95; 2Q88, 62
Sample Analysis: 4Q87, 56

MGC Series
Executive Summary: 1Q87, 4; 2Q87, 3; 3Q87, 4; 4Q87, 2; 1Q88, 4; 2Q88, 3; 3Q88, 3; 4Q88, 4

MGC Series (cont.)
Sample Collection: 1Q87, 39; 2Q87, 33; 3Q87, 38; 4Q87, 39; 1Q88, 95; 2Q88, 62
Sample Analysis: 2Q87, 44; 1Q88, 121

MGE Series
Executive Summary: 1Q87, 4; 2Q87, 3; 3Q87, 4; 4Q87, 2; 1Q88, 4; 2Q88, 3; 3Q88, 3; 4Q88, 4
Sample Collection: 1Q87, 38; 2Q87, 33; 3Q87, 38; 4Q87, 39; 1Q88, 96; 2Q88, 62
Sample Analysis: 3Q87, 53; 2Q88, 94

MGG Series
Executive Summary: 1Q87, 4; 2Q87, 3; 3Q87, 4; 4Q87, 2; 1Q88, 4; 2Q88, 3; 3Q88, 3; 4Q88, 4
Sample Collection: 1Q87, 38; 2Q87, 33; 3Q87, 38; 4Q87, 39; 1Q88, 96; 2Q88, 62
Sample Analysis: 3Q87, 53; 2Q88, 94; 4Q88, 100

MSB Series
Executive Summary: 3Q86, 5; 4Q86, 5; 1Q87, 6; 2Q87, 5; 3Q87, 6; 4Q87, 4; 1Q88, 7; 2Q88, 4; 3Q88, 5; 4Q88, 4
Corrections to Previous Reports: 1Q87, 9; 3Q87, 10; 4Q87, 8; 3Q88, 9; 4Q88, 9
Well Abandonment: 4Q88, 11
Well Maintenance: 2Q86, 7; 2Q87, 18; 3Q87, 12; 1Q88, 20; 2Q88, 18-19; 4Q88, 13-14
Surveying: 2Q86, 14; 1Q88, 83
Sample Scheduling: 3Q86, 21; 4Q86, 30; 1Q87, 28-29; 2Q87, 25-26; 3Q87, 29-30; 4Q87, 28; 2Q88, 51-52; 3Q88, 40; 4Q88, 49
Sample Collection: 3Q86, 30; 4Q86, 37; 1Q87, 38; 2Q87, 33-34; 3Q87, 38; 4Q87, 39; 1Q88, 96; 2Q88, 62-64; 3Q88, 47-48; 4Q88, 59-60
Sample Analysis: 2Q86, 20; 3Q86, 37; 4Q86, 41-42, 44-45; 1Q87, 48-49, 51, 55-56; 2Q87, 42-43; 3Q87, 44-45, 50-53; 4Q87, 47-49, 54-56; 1Q88, 109-112, 115, 119-122; 2Q88, 72-76, 78, 84-85, 89-91, 94; 3Q88, 61-64, 67-68, 75-82; 4Q88, 74-75, 78, 92-99
Water-Level Data: 4Q88, 303-339

MWD Series
Well Construction: 2Q88, 30-34
Surveying: 3Q88, 33

NBG Series
Executive Summary: 3Q86, 5; 4Q86, 4; 1Q87, 4; 3Q87, 5; 1Q88, 5; 3Q88, 4
Corrections to Previous Reports: 1Q87, 9
Well Maintenance: 2Q86, 7; 4Q88, 14
Well Construction: 1Q86, 9-10; 2Q86, 10
Surveying: 2Q86, 14
Sample Scheduling: 3Q88, 38
Sample Collection: 3Q86, 30; 4Q86, 37; 1Q87, 38; 2Q87, 34; 3Q87, 39; 4Q87, 40; 1Q88, 96-97; 2Q88, 64; 3Q88, 49; 4Q88, 60

NBG Series (cont.)
Sample Analysis: 3Q86, 34-35; 1Q87, 55; 3Q87, 53; 1Q88, 120-121; 3Q88, 76, 80

OBS Series
Well Abandonment: 2Q87, 9

P Series
Executive Summary: 1Q87, 7
Well Maintenance: 4Q88, 14
Sample Scheduling: 1Q87, 29
Sample Collection: 1Q87, 38

PAC Series
Executive Summary: 3Q87, 3; 1Q88, 3; 3Q88, 2; 4Q88, 2
Well Maintenance: 1Q86, 6; 4Q88, 14
Well Construction: 3Q88, 24-25
Well Stabilization: 4Q88, 37-38
Surveying: 4Q88, 48
Sample Scheduling: 3Q88, 38; 4Q88, 50
Sample Collection: 3Q86, 30; 4Q86, 37; 1Q87, 39; 2Q87, 34; 3Q87, 39; 4Q87, 40; 1Q88, 97; 2Q88, 64; 3Q88, 49; 4Q88, 60-61
Sample Analysis: 3Q87, 52; 4Q87, 54; 1Q88, 122; 3Q88, 78-79

PCB Series
Executive Summary: 3Q86, 3; 1Q87, 3; 3Q87, 3; 1Q88, 3; 2Q88, 2; 3Q88, 2
Well Maintenance: 3Q86, 13; 2Q87, 18; 4Q87, 12; 4Q88, 14
Sample Scheduling: 2Q88, 52; 3Q88, 38
Sample Collection: 3Q86, 30; 4Q86, 37; 1Q87, 39, 55; 2Q87, 34; 3Q87, 39; 4Q87, 40; 1Q88, 97; 2Q88, 65; 3Q88, 49; 4Q88, 61
Sample Analysis: 3Q87, 52; 1Q88, 113, 119, 121; 2Q88, 91; 3Q88, 77-79

PDB Series
Executive Summary: 4Q86, 3; 1Q87, 3; 2Q87, 2; 3Q87, 3; 1Q88, 3; 3Q88, 2
Corrections to Previous Reports: 2Q88, 10
Well Maintenance: 2Q87, 18
Well Construction: 3Q86, 17
Surveying: 4Q86, 28
Sample Collection: 4Q86, 37; 1Q87, 39; 2Q87, 34; 3Q87, 39; 4Q87, 40; 1Q88, 97; 2Q88, 65; 4Q88, 61
Sample Analysis: 2Q87, 43; 3Q87, 52-53; 3Q88, 83

Production Wells
Well Abandonment: 3Q88, 12

PRP Series
Executive Summary: 3Q86, 3; 4Q86, 3; 1Q87, 3; 2Q87, 2; 3Q87, 3; 1Q88, 3; 3Q88, 2
Corrections to Previous Reports: 3Q86, 9; 1Q87, 9
Well Maintenance: 1Q86, 6; 2Q87, 18
Coring: 1Q86, 12
Sample Scheduling: 3Q88, 38; 4Q88, 50

PRP Series (cont.)
Sample Collection: 3Q86, 30; 4Q86, 37; 1Q87, 39; 2Q87, 34; 3Q87, 39; 4Q87, 40; 1Q88, 97; 2Q88, 65
Sample Analysis: 2Q86, 18-20; 3Q86, 36; 1Q87, 49-51, 57; 3Q87, 52; 4Q87, 54-55; 1Q88, 121

PSB Series
Executive Summary: 3Q86, 3; 4Q86, 3; 1Q87, 3; 2Q87, 2; 3Q87, 3; 4Q87, 2; 1Q88, 3; 2Q88, 2; 3Q88, 3; 4Q88, 2
Well Maintenance: 1Q86, 6; 4Q87, 12
Sample Scheduling: 2Q88, 51; 3Q88, 38
Sample Collection: 2Q86, 17; 3Q86, 30; 4Q86, 37-38; 1Q87, 39; 2Q87, 34; 3Q87, 39; 4Q87, 40; 1Q88, 97; 2Q88, 65
Sample Analysis: 1Q86, 18; 2Q87, 44; 3Q87, 52; 1Q88, 121-122; 3Q88, 78

PSS Series
Executive Summary: 4Q88, 5
Well Construction: 4Q88, 20-21
Well Stabilization: 4Q88, 38-39
Surveying: 4Q88, 48
Sample Scheduling: 4Q88, 50
Sample Collection: 4Q88, 61

PW Series
Well Abandonment: 2Q87, 10

PZ Series
Well Abandonment: 1Q87, 11; 2Q87, 10; 4Q87, 10; 1Q88, 16
Well Maintenance: 3Q86, 13

R Series
Surveying: 3Q86, 18

RAC Series
Executive Summary: 3Q86, 3; 1Q87, 3; 3Q87, 3; 3Q88, 3
Well Maintenance: 1Q86, 6; 2Q86, 8
Sample Scheduling: 3Q88, 39
Sample Collection: 3Q86, 31; 4Q86, 38; 1Q87, 39; 2Q87, 34; 3Q87, 39; 4Q87, 40; 1Q88, 97; 2Q88, 65; 3Q88, 49; 4Q88, 61
Sample Analysis: 3Q87, 46; 1Q88, 119, 121

RRP Series
Executive Summary: 3Q86, 3
Well Maintenance: 1Q86, 6; 2Q87, 19
Sample Scheduling: 3Q88, 39; 4Q88, 50
Sample Collection: 3Q86, 31; 4Q86, 38; 1Q87, 39; 2Q87, 34; 3Q87, 39; 4Q87, 40; 1Q88, 97; 2Q88, 65; 3Q88, 49; 4Q88, 61

RSA Series
Corrections to Previous Reports: 3Q88, 10
Sample Collection: 1Q87, 39; 3Q87, 39; 1Q88, 97; 2Q88, 65
Sample Analysis: 2Q88, 86

RSB Series
Corrections to Previous Reports: 2Q88, 11
Sample Collection: 1Q87, 39; 3Q87, 39; 2Q88, 65
Sample Analysis: 1Q88, 97; 2Q88, 86; 4Q88, 94, 100

RSC Series
Corrections to Previous Reports: 2Q88, 11
Sample Collection: 1Q87, 39; 3Q87, 39; 1Q88, 97; 2Q88, 65
Sample Analysis: 2Q88, 86-87; 3Q88, 83; 4Q88, 100

RSD Series
Executive Summary: 1Q87, 3; 2Q87, 2; 3Q87, 3; 4Q87, 2; 1Q88, 4; 2Q88, 2; 3Q88, 3; 4Q88, 2
Corrections to Previous Reports: 4Q87, 8; 2Q88, 11; 3Q88, 10
Sample Collection: 1Q87, 39; 2Q87, 34; 3Q87, 39; 4Q87, 40; 1Q88, 97; 2Q88, 65
Sample Analysis: 2Q87, 42; 2Q88, 86-87; 3Q88, 83; 4Q88, 94

RSE Series
Executive Summary: 1Q87, 3; 2Q87, 2; 3Q87, 4; 4Q87, 2; 1Q88, 4; 2Q88, 2; 3Q88, 3; 4Q88, 2
Corrections to Previous Reports: 2Q88, 11; 3Q88, 10
Well Maintenance: 4Q88, 14
Well Construction: 1Q87, 19
Surveying: 1Q87, 26
Sample Collection: 1Q87, 39; 2Q87, 34; 3Q87, 39; 4Q87, 41; 1Q88, 98; 2Q88, 65
Sample Analysis: 3Q87, 52-53; 4Q87, 55; 1Q88, 121; 2Q88, 86-87; 3Q88, 78, 83; 4Q88, 94, 100

RSF Series
Executive Summary: 1Q87, 3; 2Q87, 2; 3Q87, 4; 4Q87, 2; 1Q88, 4; 3Q88, 3
Well Maintenance: 2Q88, 19; 4Q88, 14
Well Construction: 1Q87, 20-21
Surveying: 1Q87, 26
Sample Collection: 1Q87, 39; 2Q87, 34; 3Q87, 40; 4Q87, 41; 1Q88, 98; 2Q88, 66; 3Q88, 49; 4Q88, 61
Sample Analysis: 3Q87, 52; 1Q88, 121

RSS Series
Corrections to Previous Reports: 3Q88, 9

RSSF Series (Incorrectly reported; should be RSS)
Corrections to Previous Reports: 3Q88, 9
Well Abandonment: 1Q88, 17

RWM Series
Executive Summary: 1Q87, 7; 2Q87, 5; 3Q87, 8; 4Q87, 5; 1Q88, 7; 2Q88, 4; 3Q88, 5; 4Q88, 4
Corrections to Previous Reports: 4Q87, 8
Sample Collection: 1Q87, 39; 2Q87, 35; 3Q87, 40; 4Q87, 41; 1Q88, 98; 2Q88, 66; 3Q88, 49; 4Q88, 61

RWM Series (cont.)
Sample Analysis: 4Q87, 55; 4Q88, 99

S Series
Water-Level Data: 4Q88, 339

SB Series
Well Abandonment: 2Q88, 15-16

SBG Series
Executive Summary: 3Q86, 5; 4Q86, 4; 1Q87, 5; 2Q87, 4; 3Q87, 6; 4Q87, 4; 1Q88, 6; 2Q88, 4; 3Q88, 4
Well Maintenance: 2Q87, 19; 4Q87, 12
Well Construction: 1Q87, 21
Well Stabilization: 3Q87, 26
Surveying: 2Q36, 14; 1Q87, 26
Sample Scheduling: 3Q87, 30
Sample Collection: 2Q86, 17; 3Q86, 31; 4Q86, 38; 1Q87, 39; 2Q87, 35; 3Q87, 40; 4Q87, 41; 1Q88, 98; 2Q88, 66; 3Q88, 49
Sample Analysis: 2Q87, 43; 4Q87, 55; 1Q88, 124; 2Q88, 91; 3Q88, 83

SCA Series
Well Construction: 1Q86, 10-11; 2Q86, 10-11
Surveying: 2Q86, 14
Sample Collection: 4Q86, 38; 1Q87, 40; 2Q88, 66

SDS Series
Well Abandonment: 1Q87, 11; 2Q87, 11; 4Q87, 11; 1Q88, 17
Well Maintenance: 3Q86, 14

SLP Series
Executive Summary: 1Q88, 1, 6; 2Q88, 4; 3Q88, 4; 4Q88, 4
Well Construction: 1Q88, 50
Well Stabilization: 1Q88, 78
Surveying: 4Q88, 48
Sample Collection: 1Q88, 98; 2Q88, 67; 3Q88, 49; 4Q88, 61
Sample Analysis: 3Q88, 64-65, 78, 82

SLW Series
Well Construction: 2Q88, 34-36
Surveying: 3Q88, 33
Water-Level Data: 4Q88, 339-341

SRW Series
Executive Summary: 3Q86, 6; 4Q86, 5; 1Q87, 6; 2Q87, 5; 3Q87, 7; 4Q87, 5; 1Q88, 7; 3Q88, 5
Corrections to Previous Reports: 4Q87, 8; 3Q88, 9
Well Maintenance: 1Q86, 7; 2Q86, 8; 1Q88, 20; 2Q88, 19; 3Q88, 13; 4Q88, 13-14
Sample Scheduling: 3Q88, 39
Sample Collection: 3Q86, 31; 4Q86, 38; 1Q87, 40; 2Q87, 35; 3Q87, 40; 4Q87, 41; 1Q88, 98; 2Q88, 67; 3Q88, 49-50; 4Q88, 62

SRW Series (cont.)
Sample Analysis: 4Q86, 42-43; 1Q87, 55; 2Q87, 42-43; 3Q87, 51-52; 4Q87, 49, 55-56; 1Q88, 113-114, 121-122; 2Q88, 76; 3Q88, 75, 79-81
Water-Level Data: 4Q88, 341-347

SSS Series
Executive Summary: 4Q88, 5
Well Abandonment: 4Q88, 12
Sample Scheduling: 4Q88, 50
Sample Collection: 4Q88, 62-63
Sample Analysis: 4Q88, 92-93
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TBG Series
Executive Summary: 4Q88, 5
Well Construction: 4Q88, 21-23
Well Stabilization: 4Q88, 39-41
Surveying: 4Q88, 48
Sample Scheduling: 4Q88, 50
Sample Collection: 4Q88, 63

WW Series
Well Abandonment: 1Q88, 17
Sample Scheduling: 1Q88, 84

XSB Series
Executive Summary: 3Q86, 6; 4Q86, 5; 1Q87, 7; 3Q87, 7; 1Q88, 8; 2Q88, 5; 3Q88, 6; 4Q88, 5
Corrections to Previous Reports: 4Q86, 9; 1Q87, 9
Well Abandonment: 3Q88, 12
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Well Stabilization: 4Q88, 41-42
Surveying: 4Q88, 48
Sample Scheduling: 3Q88, 39-40; 4Q88, 50
Sample Collection: 3Q86, 31; 4Q86, 38; 1Q87, 40; 2Q87, 35; 3Q87, 40; 4Q87, 41; 1Q88, 99; 2Q88, 67; 4Q88, 63
Sample Analysis: 1Q86, 17; 3Q86, 37; 4Q86, 45; 1Q87, 50-51, 55; 3Q87, 51-52; 1Q88, 119, 121; 3Q88, 77-79; 4Q88, 93

YSB Series
Executive Summary: 3Q86, 6; 4Q86, 5; 1Q87, 7; 3Q88, 5
Sample Scheduling: 3Q88, 39-40; 4Q88, 50
Sample Collection: 3Q86, 31; 4Q86, 38; 1Q87, 40; 2Q87, 35; 3Q87, 40; 4Q87, 41; 1Q88, 99; 2Q88, 67; 3Q88, 50; 4Q88, 63
Sample Analysis: 1Q87, 55; 2Q87, 43; 1Q88, 121; 3Q88, 65-68, 76, 78-79, 81-82; 4Q88, 75-76, 95, 97

Z Series
Executive Summary: 1Q88, 4; 2Q88, 2; 3Q88, 3; 4Q88, 2
Corrections to Previous Reports: 1Q87, 9

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Well Abandonment: 2Q88, 16
Surveying: 2Q86, 14-15
Sample Collection: 2Q87, 35; 1Q88, 99; 2Q88, 67
Sample Analysis: 2Q88, 86; 3Q88, 83

ZBG Series
Executive Summary: 4Q88, 4
Corrections to Previous Reports: 4Q87, 8; 1Q88, 11
Well Abandonment: 2Q87, 11
Well Maintenance: 2Q88, 19
Well Construction: 2Q87, 21-22
Well Stabilization: 2Q87, 23
Surveying: 2Q87, 24
Sample Scheduling: 4Q87, 29; 1Q88, 84; 2Q88, 52; 3Q88, 40
Sample Collection: 2Q87, 35; 3Q87, 40; 4Q87, 42; 1Q88, 99; 2Q88, 67
Sample Analysis: 3Q87, 52; 2Q88, 77, 85, 89, 93; 4Q88, 76-77, 93-94, 97-98

ZDT Series
Executive Summary: 1Q88, 1, 6; 2Q88, 4; 3Q88, 4; 4Q88, 4
Well Construction: 1Q88, 51
Well Stabilization: 1Q88, 78
Surveying: 4Q88, 48
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Sample Analysis: 3Q88, 66-67; 4Q88, 77-78, 97-98

ZW Series
Executive Summary: 1Q88, 4; 2Q88, 2; 3Q88, 3
Well Maintenance: 3Q86, 14
Surveying: 2Q86, 14-15
Sample Collection: 2Q87, 35; 1Q88, 99; 2Q88, 67
Sample Analysis: 1Q88, 124; 2Q88, 86; 3Q88, 83

241-H Series
Executive Summary: 3Q87, 5; 4Q87, 4; 1Q88, 6; 2Q88, 4
Corrections to Previous Reports: 2Q88, 11
Sample Collection: 2Q87, 35; 3Q87, 40; 4Q87, 42; 1Q88, 99; 2Q88, 67
Sample Analysis: 2Q87, 44; 2Q88, 85

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Location	Well Series
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C-Area Coal Pile Runoff Containment Basin	CCB Well Series
C-Area Disassembly Basin	CDB Well Series
C-Area Reactor Seepage Basins	CSB Well Series
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K-Area Acid/Caustic Basin	KAC Well Series
K-Area Ash Basin	KAB Well Series
K-Area Burning/Rubble Pit	KRP Well Series
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H-Area Canyon Building	HCA Well Series
	HCC Well Series
H-Area Coal Pile Runoff Containment Basin	HCB Well Series
H-Area Effluent Treatment Facility	HET Well Series
H-Area Retention Basin	HR8 Well Series
H-Area Sludge Land Application Site	HSS Well Series
H-Area Seepage Basins	H Well Series
	HSB Well Series
H-Area Tank Farm	HTF Well Series

Location — Well Series

200 AREAS (cont.)

H Area (cont.)

H-Area Tank Farm, between Tanks #9 and #11 ..... 241-H Well Series
Old H-Area Retention Basin ..... HR3 Well Series

S Area

S-Area Background Wells ..... SBG Well Series
S-Area Canyon Building ..... SCA Well Series
S-Area Low Point Pump Pit ..... SLP Well Series
S-Area Defense Waste Processing Facility (DWPF) ..... RSS Well Series

Z Area

Z-Area Background Wells ..... ZBG Well Series
Z-Area Low Point Drain Tank ..... ZDT Well Series

300/700 AREAS

A-Area Background Well near Firing Range ..... ABW Well Series
A-Area Burning/Rubble Pits ..... ARP Well Series
A-Area Cluster Perimeter Wells ..... AC Well Series
A-Area Coal Pile Runoff Containment Basin ..... ACB Well Series
A-Area Metals Burning Pit ..... ABP Well Series
Hazardous Waste Management Facility ..... MSB Well Series
M-Area Recovery Wells ..... RWM Well Series
M-Area Settling Basin ..... MSB Well Series
Metallurgical Laboratory Seepage Basin ..... AMB Well Series
Miscellaneous Chemical Basin ..... MCB Well Series
Motor Shop Oil Basin ..... AOB Well Series
Plume Definition Wells ..... MSB Well Series
..... AC Well Series
Savannah River Laboratory Seepage Basins ..... ASB Well Series
Silverton Road Waste Site ..... SRW Well Series

400 AREA

D-Area Burning/Rubble Pits ..... DBP Well Series
D-Area Coal Pile Runoff Containment Basin ..... DCB Well Series
D-Area Oil Disposal Basin ..... DOB Well Series

600 AREAS

Burial Grounds

Bentonite Test Pit Wells ..... BTP Well Series
Burial Grounds ..... BG Well Series
Burial Grounds Expansion Wells ..... WW Well Series
Burial Grounds Grid Wells ..... BG Well Series

LOCATION INDEX BY AREA

Location	Well Series
600 AREAS (cont.)	
Burial Grounds (cont.)	
Burial Grounds Perimeter Wells	BGO Well Series
Deep Rock Borings adjacent to the Burial Grounds	DRB Well Series
Just north of the Burial Grounds	BG Well Series
Just outside the fence surrounding the Burial Grounds	BG Well Series
Series A, Monitoring Grid Wells for Burial Grounds	MGA Well Series
Series C, Monitoring Grid Wells for Burial Grounds	MGC Well Series
Series E, Monitoring Grid Wells for Burial Grounds	MGE Well Series
Series G, Monitoring Grid Wells for Burial Grounds	MGG Well Series
Series I, Monitoring Grid Wells for Burial Grounds	MGI Well Series
Special Burial Wells	SB Well Series
Central Shops	
Central Shops Burning/Rubble Pits	CSR Well Series
Central Shops Hydrofluoric Acid Spill Area	CSA Well Series
Fire Department Training Facility (Central Shops Burnable Oil Basin)	CSO Well Series
Ford Building Seepage Basin (Heat Exchanger Repair Facility Basin)	HXB Well Series
Hazardous Waste Storage Facility at Central Shops	HWS Well Series
General	
Background Well near Hawthorne Fire Tower	GBW Well Series
Chemicals, Metals, Pesticides Pits	CMP Well Series
Intermediate Depth Burial Well	IDB Well Series
Mixed Waste/Hazardous Waste Disposal Facility	MWD Well Series
New Sanitary Landfill Piezometer Wells	SLW Well Series
Par Pond Sludge Land Application Site	PSS Well Series
Road A Chemical Basin (Baxley Road)	BRD Well Series
Sanitary Landfill	LFW Well Series
Sewage Sludge Application Sites Wells	SSS Well Series
TNX	
New TNX Seepage Basin	YSB Well Series
Old TNX Seepage Basin	XSB Well Series
TNX Burying Ground	TBG Well Series

LOCATION INDEX BY WELL SERIES

Well Series	Location
ABP Well Series	A-Area Metals Burning Pit
ABW Well Series	A-Area Background Well near Firing Range
AC Well Series	A-Area Cluster Perimeter Wells
	Plume Definition Wells
ACB Well Series	A-Area Coal Pile Runoff Containment Basin
AMB Well Series	Metallurgical Laboratory Seepage Basin
AOB Well Series	Motor Shop Oil Basin
ARP Well Series	A-Area Burning/Rubble Pits
ASB Well Series	Savannah River Laboratory Seepage Basins
BG Well Series	Burial Grounds
	Burial Grounds Grid Wells
	Just north of the Burial Grounds
	Just outside the fence surrounding the Burial Grounds
BGO Well Series	Burial Grounds Perimeter Wells
BRD Well Series	Road A Chemical Basin (Baxley Road)
BTP Well Series	Bentonite Test Pit Wells
CCB Well Series	C-Area Coal Pile Runoff Containment Basin
CDB Well Series	C-Area Disassembly Basin
CMP Well Series	Chemicals, Metals, Pesticides Pits
CRP Well Series	C-Area Burning/Rubble Pit
CSA Well Series	Central Shops Hydrofluoric Acid Spill Area
CSB Well Series	C-Area Reactor Seepage Basins
CSO Well Series	Fire Department Training Facility (Central Shops Burnable Oil Basin)
CSR Well Series	Central Shops Burning/Rubble Pits
DBP Well Series	D-Area Burning/Rubble Pits
DCB Well Series	D-Area Coal Pile Runoff Containment Basin
DOB Well Series	D-Area Oil Disposal Basin
DRB Well Series	Deep Rock Borings adjacent to the Burial Grounds
F Well Series	F-Area Seepage Basins
FAC Well Series	F-Area Acid/Caustic Basin
FAL Well Series	F-Area A Line
FBP Well Series	F-Area Burning/Rubble Pits
FC Well Series	F-Area Hydrology Cluster Wells
FCA Well Series	F-Area Canyon Building
FCB Well Series	F-Area Coal Pile Runoff Containment Basin
FET Well Series	F-Area Effluent Treatment Facility

LOCATION INDEX BY WELL SERIES

Well Series	Location
FMC Well Series	F-Area Seepage Basins Vertical Radionuclide Distribution Wells
FNB Well Series	Old F-Area Seepage Basin
FSB Well Series	F-Area Seepage Basins
FSS Well Series	F-Area Sludge Land Application Site
FTF Well Series	F-Area Tank Farm
GBW Well Series	Background Well near Hawthorne Fire Tower
H Well Series	H-Area Seepage Basins
HAC Well Series	H-Area Acid/Caustic Basin
HAP Well Series	H-Area Auxiliary Pump Pit
HCA Well Series	H-Area Canyon Building
HCB Well Series	H-Area Coal Pile Runoff Containment Basin
HCC Well Series	H-Area Canyon Building
HET Well Series	H-Area Effluent Treatment Facility
HPT Well Series	Aquifer Characterization Test Wells in H Area between the Burial Grounds and Road 4
HR3 Well Series	Old H-Area Retention Basin
HR8 Well Series	H-Area Retention Basin
HSB Well Series	H-Area Seepage Basins
HSS Well Series	H-Area Sludge Land Application Site
HTF Well Series	H-Area Tank Farm
HWS Well Series	Hazardous Waste Storage Facility at Central Shops
HXB Well Series	Ford Building Seepage Basin (Heat Exchanger Repair Facility Basin)
IDB Well Series	Intermediate Depth Burial Well
KAB Well Series	K-Area Ash Basin
KAC Well Series	K-Area Acid/Caustic Basin
KCB Well Series	K-Area Coal Pile Runoff Containment Basin
KDB Well Series	K-Area Disassembly Basin
KRB Well Series	K-Area Retention Basin
KRP Well Series	K-Area Burning/Rubble Pit
KSB Well Series	K-Area Reactor Seepage Basin
KSS Well Series	K-Area Sludge Land Application Site
LAC Well Series	L-Area Acid/Caustic Basin
LCO Well Series	L-Area Oil and Chemical Basin
LDB Well Series	L-Area Disassembly Basin
LFW Well Series	Sanitary Landfill
LRP Well Series	L-Area Burning/Rubble Pit
LSB Well Series	L-Area Reactor Seepage Basin
MCB Well Series	Miscellaneous Chemical Basin
MGA Well Series	Series A, Monitoring Grid Wells for Burial Grounds
MGC Well Series	Series C, Monitoring Grid Wells for Burial Grounds
MGE Well Series	Series E, Monitoring Grid Wells for Burial Grounds
MGG Well Series	Series G, Monitoring Grid Wells for Burial Grounds
MGI Well Series	Series I, Monitoring Grid Wells for Burial Grounds

LOCATION INDEX BY WELL SERIES

Well Series	Location
MSB Well Series	Hazardous Waste Management Facility
	Plume Definition Wells
	M-Area Settling Basin
MWD Well Series	Mixed Waste/Hazardous Waste Disposal Facility
NBG Well Series	Naval Fuel Material Facility
PAC Well Series	P-Area Acid/Caustic Basin
PCB Well Series	P-Area Coal Pile Runoff Containment Basin
PDB Well Series	P-Area Disassembly Basin
PRP Well Series	P-Area Burning/Rubble Pit
PSB Well Series	P-Area Reactor Seepage Basins
PSS Well Series	Par Pond Sludge Land Application Site
RAC Well Series	R-Area Acid/Caustic Basin
RRP Well Series	R-Area Burning/Rubble Pits
RSA Well Series	Series A, R-Area Reactor Seepage Basins
RSB Well Series	Series B, R-Area Reactor Seepage Basins
RSC Well Series	Series C, R-Area Reactor Seepage Basins
RSD Well Series	Series D, between R-Area Reactor Seepage Basin (904-103G) and R-Area Reactor Building
RSE Well Series	Series E, R-Area Reactor Seepage Basins
RSF Well Series	Series F, R-Area Reactor Seepage Basins
RSS Well Series	S-Area Defense Waste Processing Facility (DWPF)
RWM Well Series	M-Area Recovery Wells
SB Well Series	Special Burial Wells
SBG Well Series	S-Area Background Wells
SCA Well Series	S-Area Canyon Building
SLP Well Series	S-Area Low Point Pump Pit
SLW Well Series	New Sanitary Landfill Piezometer Wells
SRW Well Series	Silverton Road Waste Site
SSS Well Series	Sewage Sludge Application Sites Wells
TBG Well Series	TNX Burying Ground
WW Well Series	Burial Grounds Expansion Wells
XSB Well Series	Old TNX Seepage Basin
YSB Well Series	New TNX Seepage Basin
Z Well Series	Scattered around F Area and H Area
ZBG Well Series	Z-Area Background Wells
ZDT Well Series	Z-Area Low Point Drain Tank
ZW Well Series	Scattered in and around F Area and H Area
241-H Well Series	H-Area Tank Farm, between Tanks #9 and #11

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RELATED DOCUMENTS

The following is a brief description of documents pertaining to the groundwater monitoring program.

Quarterly Reports

The Environmental and Health Protection Department's Environmental Monitoring Section has published a description of its activities and analytical and field data for each quarter since the beginning of 1986. These quarterly reports are listed below.

HPR-86-158, First Quarter 1986 (revised)
HPR-86-226, Second Quarter 1986
HPR-87-002, Third Quarter 1986
HPR-87-072, Fourth Quarter 1986
HPR-87-158, First Quarter 1987
HPR-87-286, Second Quarter 1987
HPR-87-339, Third Quarter 1987
HPR-88-098, Fourth Quarter 1987
HPR-88-238, First Quarter 1988
HPR-88-300, Second Quarter 1988
HPR-88-489, Third Quarter 1988
HPR-89-193, Fourth Quarter 1988

Annual Reports

The U.S. Department of Energy Savannah River Site Environmental Report, which includes groundwater data, is issued annually. Recent reports are listed below.

DPSPU-86-30-1 (Vols. 1 and 2), 1985
DPSPU-87-30-1 (Vols. 1 and 2), 1986
DPSPU-88-30-1 (Vols. 1 and 2), 1987
WSRC-RP-89-59-1 (Vols. 1 and 2), 1988

Time Plots

Time Versus Concentration Plots of Select Parameters from the Groundwater Monitoring Program provides graphical representations of groundwater data from each monitoring well series. The latest version is listed below.

HPR-88-058, July 1984-June 1987

RELATED DOCUMENTS

Map Book

Area Maps of Wells Monitored by the Health Protection Department contains 8.5 in. by 17 in. maps of major areas of SRS. The latest version is listed below.

HPR-87-189, March 31, 1987

Inventory

Health Protection Well Inventory is a listing of all wells, giving their location, elevation, casing type, and dates of installation and abandonment (if applicable). The latest version is listed below.

HPR-89-033, September 30, 1988

Other Data Reports

Christensen, E. J. and Gordon, D. E., eds. (1983). *Technical Summary of Groundwater Quality Protection Program at Savannah River Plant, Volume I - Site Geohydrology and Solid and Hazardous Wastes*. DPST-83-829. This document describes SRS waste disposal sites and analytical monitoring data as of December 1983.

NUS Corporation. (1988). *Geohydrology Program Report*. Environmental Division, Savannah River Operations Office, U.S. Department of Energy. This document describes projects relating to the Geohydrology Program at SRS and their current status and administration.

Stone, J. A. and Christensen, E. J., eds. (1983). *Technical Summary of Groundwater Quality Protection Program at Savannah River Plant, Volume II - Radioactive Waste*. DPST-83-829. This document presents representative monitoring data for radioactivity in groundwater at SRS as of December 1983.

END

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