2

WSRC-TR--92-390

DE93 004569

SECOND QUARTER 1992

MIXED WASTE MANAGEMENT FACILITY (MWMF) GROUNDWATER MONITORING REPORT (U)

PUBLICATION DATE: SEPTEMBER 1992

DISCLAIMER

This report was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency thereof, nor any of their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof.

MASTER

WESTINGHOUSE SAVANNAH RIVER COMPANY
SAVANNAH RIVER SITE
AIKEN, SC 29808

Prepared for the U.S. Department of Energy under Contract No. DE-AC09-89SR18035

DISTRIBUTION OF THIS DOCUMENT IS UNLIMITED

gp

WSRC-TR-92-390

Received by

SECOND QUARTER 1992

MIXED WASTE MANAGEMENT FACILITY (MWMF) GROUNDWATER MONITORING REPORT (U)

PUBLICATION DATE: SEPTEMBER 1992

WESTINGHOUSE SAVANNAH RIVER COMPANY
SAVANNAH RIVER SITE
AIKEN, SC 29808

Prepared for the U.S. Department of Energy under Contract No. DE-AC09-89SR18035

DISCLAIMER

This report was prepared by Westinghouse Savannah River Company (WSRC) for the United States Department of Energy under Contract No. DE-AC09-89SR18035 and is an account of work performed under that contract. Neither the United States Department of Energy, nor WSRC, nor any of their employees makes any warranty, expressed or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed herein or represents that its use will not infringe on privately owned rights. Reference herein to any specific commercial product, process, or service by trademark, name, manufacturer, or otherwise does not necessarily constitute or imply endorsement, recommendation, or favoring of same by WSRC or by the United States Government or any agency thereof. The views and opinions of the authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof.

WSRC-TR-92-390

SECOND QUARTER 1992

MIXED WASTE MANAGEMENT FACILITY (HWMF) GROUNDWATER MONITORING REPORT (U)

PUBLICATION DATE: SEPTEMBER 1992

Authorized Derivative Classifier:

M. A. Ebra

DOES NOT CONTAIN
UNCLASSIFIED CONTROLLED
NUCLEAR INFORMATION

Reviewing Official: J M Brown

Date: 11/18/02

Westinghouse Savannah River Company
Savannah River Site
Aiken, SC 29808

All copies of this groundwater quality assessment report transmitted to the regulatory agencies are stamped by a registered professional geologist (P.G.) of South Carolina. Copies of the report retained at the Savannah River Site for reference do not include the registered P.G. stamp.

Abstract

During second quarter 1992, tritium, trichloroethylene, tetrachloroethylene, chloroethene, antimony, 1,1-dichloroethylene, lead, nonvolatile beta, radium-228, thorium-228, or total alpha-emitting radium (radium-226 and radium-228) exceeded the U.S. Environmental Protection Agency Primary Drinking Water Standards (PDWS) in groundwater samples from monitoring wells at the Mixed Waste Management Facility (MWMF) and adjacent facilities. Tritium and trichloroethylene were the most widespread constituents; 55 (48%) of the 115 monitored wells contained elevated tritium activities, and 23 (20%) wells exhibited elevated trichloroethylene concentrations. Elevated constituents were found primarily in Aquifer Zone IIB_2 (Water Table) and Aquifer Zone IIB_1 (Barnwell/McBean). Elevated levels of several constituents also occurred in three wells in Aquifer Unit IIA (Congaree).

Sixty-three downgradient wells screened in Aquifer Zone IIB_2 (Water Table), Aquifer Zone IIB_1 (Barnwell/McBean), and Aquifer Unit IIA (Congaree) contained concentrations of tritium, trichloroethylene, tetrachloroethylene, chloroethene, antimony, 1,1-dichloroethylene, lead, nonvolatile beta, radium-228, thorium-228, or total alpha-emitting radium that exceeded the PDWS during second quarter 1992. Upgradient wells BGO 1D and 2D and HSB 85A, 85B, and 85C did not contain any constituents that exceeded the PDWS.

Contents

Page

Abstract iii

List of Figures vii

List of Tables viii

Executive Summary 1

Introduction 3
- Description of Facilities 3
- Hydrostratigraphic Units 4
- Monitoring Well Nomenclature 4

Discussion 6
- Integrity of the Monitoring Well Network 6
- Groundwater Monitoring Data 7
- Analytical Results Exceeding Standards 8
- Tritium and Trichloroethylene Time-Trend Data 8
- Water Levels 9
- Groundwater Flow Rates and Directions 10
- Upgradient Versus Downgradient Results 11

Conclusions 12

Errata 13

References Cited 15

Appendix A–Primary Drinking Water Standards A-1

Appendix B–Flagging Criteria B-1

Appendix C–Figures C-1

Appendix D–Groundwater Monitoring Results Tables D-1

Appendix E–Time Series Plots E-1

Appendix F–Hydrographs F-1

List of Figures

Page

1. Site-Specific Hydrostratigraphic Nomenclature C-2
2. Regional Correlation of Hydrostratigraphic and Lithostratigraphic Nomenclature . . C-3
3. Location of the Mixed Waste Management Facility at the Savannah River Site C-4
4. Location of Groundwater Monitoring Wells and Well Clusters at the Mixed Waste Management Facility, the Old Burial Ground, the Burial Ground Expansion, and the Hazardous Waste/Mixed Waste Disposal Facility (the Burial Ground Complex) . C-5
5. Location of Aquifer Zone IIB_2 (Water Table) Wells at the Burial Ground Complex . C-6
6. Location of Aquifer Zone IIB_1 (Barnwell/McBean) Wells at the Burial Ground Complex C-7
7. Location of Aquifer Unit IIA (Congaree) Wells at the Burial Ground Complex C-8
8. Tritium Activities in Aquifer Zone IIB_2 (Water Table) at the Burial Ground Complex, Second Quarter 1992 . . . . . C-9
9. Trichloroethylene Concentrations in Aquifer Zone IIB_2 (Water Table) at the Burial Ground Complex, Second Quarter 1992 . . . . . C-10
10. Benzene Concentrations in Aquifer Zone IIB_2 (Water Table) at the Burial Ground Complex, Second Quarter 1992 . . . . . C-11
11. Tritium Activities in Aquifer Zone IIB_1 (Barnwell/McBean) at the Burial Ground Complex, Second Quarter 1992 . . . . . C-12
12. Trichloroethylene Concentrations in Aquifer Zone IIB_1 (Barnwell/McBean) at the Burial Ground Complex, Second Quarter 1992 . . . . . C-13
13. Benzene Concentrations in Aquifer Zone IIB_1 (Barnwell/McBean) at the Burial Ground Complex, Second Quarter 1992 . . . . . C-14
14. Tritium Activities in Aquifer Unit IIA (Congaree) at the Burial Ground Complex, Second Quarter 1992 . . . . . C-15
15. Trichloroethylene Concentrations in Aquifer Unit IIA (Congaree) at the Burial Ground Complex, Second Quarter 1992 . . . . . C-16

16. Benzene Concentrations in Aquifer Unit IIA (Congaree) at the Burial Ground Complex, Second Quarter 1992 ..... C-17

17. pH Values in Aquifer Zone IIB_2 (Water Table) at the Burial Ground Complex, Second Quarter 1992 ..... C-18

18. Specific Conductance in Aquifer Zone IIB_2 (Water Table) at the Burial Ground Complex, Second Quarter 1992 ..... C-19

19. pH Values in Aquifer Zone IIB_1 (Barnwell/McBean) at the Burial Ground Complex, Second Quarter 1992 ..... C-20

20. Specific Conductance in Aquifer Zone IIB_1 (Barnwell/McBean) at the Burial Ground Complex, Second Quarter 1992 ..... C-21

21. pH Values in Aquifer Unit IIA (Congaree) at the Burial Ground Complex, Second Quarter 1992 ..... C-22

22. Specific Conductance in Aquifer Unit IIA (Congaree) at the Burial Ground Complex, Second Quarter 1992 ..... C-23

23. Piezometric Surface Map of Aquifer Zone IIB_2 (Water Table) at the Burial Ground Complex C-24

24. Potentiometric Surface Map of Aquifer Zone IIB_1 (Barnwell/McBean) at the Burial Ground Complex C-25

25. Potentiometric Surface Map of Aquifer Unit IIA (Congaree) at the Burial Ground Complex C-26

List of Tables

Page

1. Constituents Exceeding the Primary Drinking Water Standards D-3

2. Constituents Exceeding Half the Primary Drinking Water Standards or Other Flag 1 or Flag 2 Criteria D-8

3. Groundwater Monitoring Results for Individual Wells D-15

Executive Summary

The Mixed Waste Management Facility (MWMF), located within the General Separations Area at the Savannah River Site (SRS), received various radioactive and chemical wastes from 1972 to 1986. These wastes have been defined as hazardous, and the MWMF is subject to the requirements of the Resource Conservation and Recovery Act (RCRA) (WSRC, 1990c; Heffner and Exploration Resources, 1991). Under certification by the South Carolina Department of Health and Environmental Control, the MWMF was closed in 1986, a clay cap was completed in December of 1990, and a RCRA Part B Post-Closure Care Permit application currently is being prepared by SRS personnel for submittal in November 1992.

On May 26, 1988, the MWMF was named in Section III of the Natural Resources Defense Council et al. Consent Decree. Under this ruling, a report describing the results of quarterly monitoring at the MWMF is required to meet the South Carolina Hazardous Waste Management Regulations. The following report provides the monitoring results that exceeded the U.S. Environmental Protection Agency Primary Drinking Water Standards (PDWS) or other SRS flagging criteria for first quarter 1992. Samples are from wells at the Burial Ground Complex, which includes the MWMF and the adjacent Old Burial Ground (BGO well series), Hazardous Waste/Mixed Waste Disposal Facility (HWMW; HMD well series), Burial Ground Expansion (BGX well series), and well cluster HSB 85. These samples were analyzed for certain heavy metals, indicator parameters, radionuclides, and other constituents.

During second quarter 1992, tritium, trichloroethylene, tetrachloroethylene, chloroethene, antimony, 1,1-dichloroethylene, lead, nonvolatile beta, radium-228, thorium-228, or total alpha-emitting radium exceeded the PDWS in one or more wells at the MWMF. Elevated levels of these constituents were found primarily in Aquifer Zone IIB_2 (Water Table) and Aquifer Zone IIB_1 (Barnwell/McBean). As in previous quarters, tritium and trichloroethylene were the most widespread. Fifty-five (48%) of the 115 monitored wells contained elevated tritium activities, with maximum activity (1.2E+05 pCi/mL) occurring in Aquifer Zone IIB_2 (Water Table) well BGO 28D. Trichloroethylene exceeded the PDWS in 23 (20%) wells, with the maximum activity found at 283 μg/L in Aquifer Zone IIB_2 (Water Table) well BGO 28D. However, elevated levels of constituents also occurred in wells BGO 6A, 12AR, and BGX 1A in Aquifer Unit IIA (Congaree).

The groundwater in Aquifer Zone IIB_2 (Water Table) beneath the Burial Ground Complex diverges to discharge points either in Upper Three Runs Creek or in Fourmile Branch. The groundwater flow direction in Aquifer Zone IIB_2 (Water Table) is to the north and west-northwest toward Upper Three Runs Creek, the flow direction in Aquifer Zone IIB_1 (Barnwell/McBean) is to the north and west, and the flow direction in Aquifer Unit IIA (Congaree) is consistently northwest toward Upper Three Runs Creek. Groundwater flow rate estimates are 1.9 ft/yr in Aquifer Zone IIB_2 (Water Table), 62 ft/yr in Aquifer Zone IIB_1 (Barnwell/McBean), and 360 ft/yr in Aquifer Unit IIA (Congaree).

Upgradient wells BGO 1D and 2D and HSB 85A, 85B, and 85C did not contain any constituents that exceeded the PDWS. Downgradient wells in the three hydrostratigraphic units contained elevated levels of tritium, trichloroethylene, tetrachloroethylene, chloroethene, antimony, 1,1-dichloroethylene, lead, nonvolatile beta, radium-228, thorium-228, or total alpha-emitting radium.

Introduction

Description of Facilities

The Burial Ground Complex, which includes the Mixed Waste Management Facility (MWMF), the Old Burial Ground, the Burial Ground Expansion, and the Hazardous Waste/Mixed Waste Disposal Facility (HWMW) (Figure 3, Appendix C), is located within the General Separations Area at the Savannah River Site (SRS). The Old Burial Ground received various wastes (e.g., transuranic waste, intermediate- and low-level beta-gamma wastes, and solvents) from 1952 until it was closed in 1974. In 1972, the MWMF began receiving similar waste; the waste subsequently was defined as hazardous and the MWMF became subject to the requirements of the Resource Conservation and Recovery Act (RCRA) (WSRC, 1990c; Heffner and Exploration Resources, 1991). The MWMF was closed in 1986 under a plan approved by the South Carolina Department of Health and Environmental Control (SCDHEC). As a part of the closure activities, dynamic compaction was performed on the area to ensure that the containers housing the waste would not collapse after an overlying clay cap was constructed. The clay cap was completed in December of 1990 and has been certified by SCDHEC. A RCRA Part B Post-Closure Care Permit application is currently being prepared by SRS personnel for submittal in November 1992. The Old Burial Ground is included in the RCRA Facility Investigation/Remedial Investigation program at SRS.

In 1987, 37 groundwater monitoring assessment wells of the BGO series were installed around the perimeter of the MWMF and Old Burial Ground to monitor the groundwater beneath the facilities. Twelve additional BGO wells were installed around the perimeter in 1988, and 10 BGO wells were installed in 1989. SCDHEC considers the wells rimming the Old Burial Ground as point-of-compliance wells for the MWMF. A Groundwater Quality Assessment Plan was written in early 1991 proposing to install 35 additional wells of the BGO series at the MWMF, 22 wells of the BGX series at the Burial Ground Expansion Site, and 4 wells of the HMD series at the HWMW. These additional wells will help define the migration patterns and extent of the constituent plumes from the MWMF and Old Burial Ground and provide background water-quality data for the Burial Ground Expansion and HWMW. During drilling for the new wells, it was found that the Aquifer Zone IIB_2 (Water Table) diverges beneath the Confining Zone IIB_1-IIB_2 (Tan Clay). SCDHEC and SRS have reached an agreement to eliminate four of the proposed BGX wells in the Aquifer Zone IIB_2 (Water Table).

Thirty-two new BGO wells (BGO 29C, 29D, 40D, 41A, 42C, 43A, 43AA, 43D, 45A, 45B, 45C, 45D, 46B, 46C, 46D, 47A, 47C, 47D, 48C, 48D, 49A, 49C, 49D, 50A, 50C, and 50D), 17 new BGX wells (BGX 1A, 1C, 1D, 2B, 2D, 3D, 4A, 4C, 4D, 5D, 6D, 7D, 8DR, 9D, 10D, 12C, and 12D), and 4 HMD wells (HMD 1D, 2D, 3D, and 4D) were installed and sampled for the first time in 1991. Eight replacement wells were installed and monitored in 1991 (BGO 8AR, 10AR, 12AR, 12CR, 13DR, 14AR, 14CR, and 14DR). Wells BGO 43CR, 44A, 44AA, 44B, 44C, and 44D were installed in 1991, but were not sampled until first quarter 1992. Wells BGO 6B, 9AA, 10AA, 10B, 16B, and 17DR and well BGX 11D are in place, but they were not sampled during second quarter 1992 either because they did not have pumps or did not develop properly.

This report describes the monitoring results for the MWMF during second quarter 1992 to meet the requirements of South Carolina Hazardous Waste Management Regulations (Ref. R. 61-79.265.94, Subpart F) (SCDHEC, 1990). Because of their proximity to the MWMF, monitoring results from the BGO wells at the perimeter of the Old Burial Ground, the BGX well series, the HMD well series, and well cluster HSB 85 are also included.

Hydrostratigraphic Units

Historically, groundwater quality assessment reports for the MWMF have used the nomenclature "Water Table," "Barnwell," "McBean," and "Congaree" to identify hydrologic units. However, an interim alphanumeric system developed by Aadland (1990) (Figure 1, Appendix C) defines the aquifer and aquitard units at SRS by their hydraulic properties (hydraulic conductivity, transmissivity, specific storage, etc.) using hydrostratigraphic rather than lithostratigraphic designations. Figure 2 (Appendix C) shows a correlation of these designations. For clarity, this report uses the newer nomenclature and also includes the older names used in earlier reports. The F- and H-Area Seepage Basins RCRA Part B Post-Closure Care Permit applications include an in-depth explanation of this nomenclature (WSRC, 1990a; WSRC, 1990b).

The F- and H-Area Seepage Basins RCRA Part B Post-Closure Care Permit applications also include a detailed description of the geologic and hydrogeologic systems at the MWMF. In summary, the MWMF well network monitors three distinct hydrostratigraphic units in the uppermost aquifer beneath the facility: Aquifer Zone IIB_2 (Water Table), which is supported by Confining Zone IIB_1–IIB_2 (Tan Clay); the semi-confined Aquifer Zone IIB_1 (Barnwell/McBean); and the semi-confined Aquifer Unit IIA (Congaree), which is separated from the overlying Aquifer Zone IIB_1 by Confining Unit IIA-IIB (Green Clay). The base of the uppermost aquifer is defined as the uppermost confining bed of Confining System I–II (Ellenton Formation), which lies approximately 300 ft below the surface of the Burial Ground Complex.

Monitoring Well Nomenclature

Groundwater monitoring wells are designated with a waste management unit abbreviation prefix (e.g., BGO), a number (1 through 999), and a suffix (A, AA, B, C, D) designating the hydrostratigraphic unit being monitored. Generally, if the groundwater monitoring well prefix and number are followed by a "D" suffix, the well monitors Aquifer Zone IIB_2 (Water Table); if they are followed by a "B" or "C" suffix, the well monitors Aquifer Zone IIB_1 (Barnwell/McBean); if they are followed by an "A" or "AA" suffix, the well monitors Aquifer Unit IIA (Congaree). An "R" designation following the "A," "B," "C," or "D" suffix indicates a replacement well.

The well cluster HSB is one exception to this nomenclature: HSB 85B monitors Aquifer Zone IIB_1 (Barnwell/McBean) and HSB 85C monitors Aquifer Zone IIB_2 (Water Table). This well cluster was installed to monitor background levels at the H-Area Seepage Basins; however, because it is near the MWMF and Old Burial Ground, it is considered part of the monitoring network for the MWMF and Old Burial Ground.

The hydrogeologic characterization study of the HWMW (HMD well series) and the Burial Ground Expansion (BGX well series) determined that under the northern portion of this area the top of the saturated zone lies beneath Confining Zone IIB_1-IIB_2 (Tan Clay) in Aquifer Zone IIB_1 (Barnwell/McBean). The wells that monitor this area are BGO 13DR and 43D; BGX 2D, 3D, 4D, 5D, 6D, 7D, and 8DR; and HMD 1D, 2D, 3D, and 4D. As with well cluster HSB 85, the names of these wells are exceptions to the monitoring well nomenclature. These wells were named before the hydrogeologic characterization was sufficiently complete, and the well names have not been changed in order to provide continuity with historical data.

Discussion

Integrity of the Monitoring Well Network

The MWMF groundwater monitoring well network (Figure 4, Appendix C) provides groundwater samples from three hydrologic units that make up the uppermost aquifer below the facility. A program is in place to rehabilitate and replace wells that do not produce representative samples from the units being monitored.

As problem wells are identified, they are added to the well rehabilitation program. To date, the following replacement wells have been installed: BGO 8AR, 10AR, 10DR, 12AR, 12CR, 13DR, 14AR, 14CR, and 14DR. All of the replacement wells were scheduled for sampling second quarter 1992 except well BGO 10DR. This well is scheduled for sampling for the first time during third quarter 1992. Wells BGO 16A and 22D need to be replaced.

Wells BGO 29C, 29D, 46B, 46C, 46D, 50A, 50C, and 50D were installed during fourth quarter 1991. Wells BGO 6B, 9AA, 10AA, 10B, 16B, and 17DR and well BGX 11D are being installed, but they were not scheduled for sampling during second quarter 1992.

The standard practice at SRS is to purge a minimum of four well volumes from each well and ensure that the field parameters have stabilized before sample collection. A well that goes dry before purging is completed is allowed to recover and is sampled without purging within 24 hours. Table 3 (Appendix D) lists the amount of water purged from each of the wells. The wells described below did not yield four well volumes prior to sampling.

There are 50 Aquifer Zone IIB_2 (Water Table) groundwater monitoring wells (BGO 1D, 2D, 3D, 4D, 5D, 6D, 7D, 8D, 9D, 10D, 11D, 12D, 14DR, 15D, 16D, 17D, 18D, 19D, 20D, 21D, 22D, 23D, 24D, 26D, 27D, 28D, 29D, 30D, 31D, 32D, 33D, 34D, 35D, 36D, 37D, 38D, 39D, 40D, 44D, 45D, 46D, 47D, 48D, 49D, and 50D; BGX 1D, 9D, 10D, and 12D; and HSB 85C) (Figure 5, Appendix C). Wells BGO 1D, 3D, 5D, 6D, 12D, 16D, 20D, 21D, 24D, 26D, 27D, 28D, 29D, 30D, 31D, 32D, 33D, 34D, 35D, 36D, 37D, 38D, 39D, 40D, and 49D and wells BGX 1D, 10D, and 12D went dry during purging. Wells BGO 4D, 17D, and 19D could not be sampled because of pump failure or inaccessibility. Well BGO 10D went dry before sampling began, and only water depth could be determined.

There are 43 Aquifer Zone IIB_1 (Barnwell/McBean) wells (BGO 5C, 6C, 8C, 10C, 12CR, 13DR, 14CR, 27C, 29C, 30C, 31C, 33C, 35C, 37C, 42C, 43CR, 43D, 44B, 44C, 45B, 45C, 46B, 46C, 47C, 48C, 49C, and 50C; BGX 1C, 2B, 2D, 3D, 4C, 4D, 5D, 6D, 7D, 8DR, and 12C; HMD 1D, 2D, 3D, and 4D; and HSB 85B) (Figure 6, Appendix C). Wells BGO 5C, 10C, 12CR, 13DR, 14CR, 29C, 30C, 31C, 42C, 43CR, 44B, 44C, 45B, 45C, 46C, and 50C; wells BGX 1C, 2B, and 2D; wells HMD 1D and 4D; and well HSB 85B went dry during purging. Well BGO 37C was not sampled because it is part of the Purge Water Containment Program.

There are 22 Aquifer Unit IIA (Congaree) groundwater monitoring wells (BGO 6A, 8AR, 10AR, 12AR, 14AR, 16A, 18A, 25A, 26A, 29A, 41A, 43A, 43AA, 44A, 44AA, 45A, 47A, 49A, and 50A; BGX 1A and 4A; and HSB 85A) (Figure 7, Appendix C). Wells BGO 16A, 25A, 29A,

41A, 43A, and 50A and well BGX 1A pumped dry during purging. Well BGO 26A was not sampled because it is part of the Purge Water Containment Program.

Samples from wells BGO 8AR, 10AR, 10C, 12AR, 12CR, 14AR, 16A, 16D, 24D, 29A, 35C, 41A, 43A, 43AA, 44AA, 44B, 44C, 45B, 49A, and 50A; wells BGX 1A, 1C, and 2B; and well HSB 85B yielded field pH values equal to or greater than 8. Wells BGO 7D, 18D, 32D, 35D, 38D, and 39D had field pH values equal to or less than 4.

Groundwater Monitoring Data

During second quarter 1992, samples from wells at the MWMF, the adjacent Old Burial Ground, HWMW, and Burial Ground Expansion, and well cluster HSB 85 were analyzed for certain indicator parameters, heavy metals, radionuclides, and other constituents. Monitoring results that exceeded the U.S. Environmental Protection Agency (EPA) Primary Drinking Water Standards (PDWS) (see Appendix A) or other SRS flagging criteria (see Appendix B) are discussed in this report.

In general, the flagging criteria established by the Environmental Monitoring Section of the Environmental Protection Department at SRS for identifying constituents in high concentrations in groundwater are as follows:

- Flag 2 criteria are based on the PDWS; for constituents that do not have a PDWS, Flag 2 criteria are based on the Secondary Drinking Water Standards (SDWS) or 10 times the method detection limits (MDL) as described in Appendix B. Constituent levels that equal or exceed Flag 2 criteria are described as *elevated.*

- Flag 1 criteria are based on half the PDWS; for constituents that do not have a PDWS, Flag 1 criteria are based on half the SDWS or 5 times the MDL as described in Appendix B. Flag 1 levels for a constituent may reflect analytical error; however, this level may indicate the initial detection of a constituent. Thus, constituents exceeding Flag 1 criteria are included in this report and are described as *slightly elevated.*

- Flag 0 criteria are based on constituent levels below Flag 1 criteria or below the sample detection limits.

Illustrations of the hydrostratigraphic units at SRS (Figures 1 and 2), the monitored waste management unit (Figure 3), the monitoring well network (Figure 4), the monitoring wells in the different hydrostratigraphic units (Figures 5 through 7), the lateral distribution of tritium, trichloroethylene, benzene, pH, and specific conductance (Figures 8 through 22); and the water-elevation contour maps of the different hydrostratigraphic units (Figures 23 through 25) are in Appendix C; the monitoring results tables as well as analyses that exceeded holding times and PDWS are in Appendix D; time series plots for trichloroethylene, tritium, and pH are in Appendix E; and hydrographs are in Appendix F.

Analytical Results Exceeding Standards

Results for analytes that exceeded the PDWS during second quarter 1992 are summarized in Table 1 (Appendix D).

Thirty-four of the 50 Aquifer Zone IIB_2 (Water Table) wells contained tritium, trichloroethylene, tetrachloroethylene, chloroethene, 1,1-dichloroethylene, lead, nonvolatile beta, radium-228, or total alpha-emitting radium (radium-224 and radium-226) levels that exceeded the PDWS. Thirty-two of the 34 wells contained elevated tritium, with activities up to 1.2E+05 pCi/mL in well BGO 28D. Thirteen of the 34 wells contained elevated trichloroethylene, with concentrations up to 283 μg/L in well BGO 28D. Four of the 34 wells contained elevated tetrachloroethylene, with concentrations up to 26 μg/L in well BGO 48D. Three of the 34 wells contained elevated chloroethene, with concentrations up to 179 μg/L in well BGO 28D. 1,1-Dichloroethylene, lead, nonvolatile beta, radium-228, and total alpha-emitting radium were elevated in one well each.

Twenty-six of the 43 Aquifer Zone IIB_1 (Barnwell/McBean) wells contained tritium, trichloroethylene, lead, thorium-228, or total alpha-emitting radium levels that exceeded the PDWS. Twenty-two of the 26 wells contained elevated tritium, with activities up to 8.0E+03 pCi/mL in well BGO 33C; 9 of the 26 wells contained elevated trichloroethylene, with concentrations up to 63 μg/L in well BGO 42C.

In Aquifer Unit IIA (Congaree), wells BGO 6A and BGX 12AR contained concentrations of antimony and trichloroethylene, respectively, that exceeded the PDWS. Well BGX 1A contained activities of nonvolatile beta, total alpha-emitting radium, and tritium that exceeded the PDWS.

Results for analytes that exceeded other SRS flagging criteria during second quarter 1992 are summarized in Table 2 (Appendix D). The results for all constituents are presented in Table 3 (Appendix D). Table 3 also identifies any constituent whose analysis exceeded the EPA-approved holding time or PDWS.

The lateral distributions of tritium, trichloroethylene, benzene, pH, and specific conductance in Aquifer Zone IIB_2 (Water Table), Aquifer Zone IIB_1 (Barnwell/McBean), and Aquifer Unit IIA (Congaree) wells during second quarter 1992 are presented in Figures 8 through 22.

Tritium and Trichloroethylene Time-Trend Data

Time series plots from third quarter 1989 to second quarter 1992 for wells and well clusters containing tritium and trichloroethylene are presented in Appendix E.

Upgradient wells BGO 1D and 2D and well cluster HSB 85 exhibit detectable tritium activities. Tritium levels in well BGO 2D have exceeded the PDWS occasionally in the past; however, tritium activity in this well was not elevated during second quarter 1992. Tritium activities have not been elevated in well BGO 1D and well cluster HSB 85 for at least the past three years.

Tritium activities in Aquifer Zone IIB_2 (Water Table) wells BGO 8D, 18D, 20D, 22D, 24D, and 26D; Aquifer Zone IIB_1 (Barnwell/McBean) well BGO 35C; and Aquifer Unit IIA (Congaree) well BGO 29A have been consistently near or below the PDWS since at least 1989. Many of the other wells contain tritium levels that have consistently exceeded the PDWS since 1989. The time series plots for these wells indicate that tritium levels in Aquifer Zone IIB_2 (Water Table) wells BGO 6D, 9D, 27D, 31D, 32D, 33D, and 35D are declining with time. The plots indicate that tritium levels in Aquifer Zone IIB_2 (Water Table) wells BGO 7D, 11D, and 15D and Aquifer Zone IIB_1 (Barnwell/McBean) wells 31C and 33C are increasing with time. Aquifer Zone IIB_2 (Water Table) well BGO 28D, located at the west edge of the Old Burial Ground, has exhibited the highest tritium concentrations in recent years, exceeding 1E+05 pCi/mL most quarters. The maximum tritium activity for second quarter 1992 (1.2E+05 pCi/mL) occurred in well BGO 28D. Tritium activities in wells BGO 12D, 26D, 29A, 34D, 35C, 36D, 38D, and 39D appear to be anomalously high during fourth quarter 1991 as compared to preceding and more recent quarters. Data are insufficient to determine long-term or recent trends in tritium levels for wells BGO 4D, 17D, 19D, 29C, 29D, 40D, and 42C; wells BGX 3D, 5D, 6D, 7D, 8DR, 9D, 10D, and 12D; wells HMD 1D, 2D, 3D, and 4D; well clusters BGO 5, 10, 13, 14, 16, 43, 44, 45, 46, 47, 48, 49, and 50; and well clusters BGX 1, 2, and 4. The remaining wells show no detectable long-term patterns.

Trichloroethylene concentrations in Aquifer Zone IIB_2 (Water Table) well BGO 11D, Aquifer Zone IIB_1 (Barnwell/McBean) wells BGO 30C and 31C, and Aquifer Unit IIA (Congaree) well BGO 29A have been consistently near or below the PDWS since at least 1989. Many of the other wells with time series plots in Appendix E have exhibited concentrations of trichloroethylene that consistently exceeded the PDWS. The time series plots for these wells indicate that trichloroethylene concentrations in Aquifer Zone IIB_2 (Water Table) wells BGO 8D, 30D, and 32D are declining with time, and concentrations in Aquifer Zone IIB_2 (Water Table) well BGO 12D are increasing. The maximum trichloroethylene concentration for second quarter 1992 (283 μg/L) was found in Aquifer Zone IIB_2 (Water Table) well BGO 28D. Data are insufficient to determine long-term or recent trends for wells BGO 16D, 18D, 26A, 29C, 37C, 40D, 41A, and 42C; wells BGX 3D and 8DR; well clusters BGO 6, 13, 14, 44, 46, 47, 48, and 50; and well clusters BGX 2 and 4. The time series plots for the remaining wells show no detectable long-term patterns.

Water Levels

Hydrographs showing water elevations over time for certain wells and well clusters at the Burial Ground Complex are provided in Appendix F. The average water elevation in Aquifer Zone IIB_2 (Water Table) during second quarter 1992 was 231.77 ft msl. Compared to the average water elevation of 232.22 ft msl during first quarter 1992, the water level in this zone fell an average of 0.45 ft. The average water level in Aquifer Zone IIB_1 (Barnwell/McBean) during second quarter 1992 was 219.57 ft msl; compared to the first quarter 1992 average water elevation of 218.71 ft msl, the water level increased an average of 0.86 ft. The average water level in Aquifer Unit IIA (Congaree) during second quarter 1992 was 160.22 ft msl. Compared to the first quarter 1992 water elevation of 160.62 ft msl, the water level fell an average of 0.40 ft.

Wells BGO 8A, 10A, and 12A, which repeatedly exhibited anomalous water-level measurements for Aquifer Unit IIA (Congaree) due to poor well construction, were replaced by wells

BGO 8AR, 10AR, and 12AR during third quarter 1991. Water-level measurements for the replacement wells are consistent with those of other wells screened in the same hydrostratigraphic unit.

A consistent vertical head relationship exists between the hydrostratigraphic units monitored at the MWMF. Flow potential is downward from Aquifer Zone IIB_2 (Water Table) to Aquifer Zone IIB_1 (Barnwell/McBean) and downward from Aquifer Zone IIB_1 (Barnwell/McBean) to Aquifer Unit IIA (Congaree). This relationship exists at all BGO well clusters and has persisted since 1988.

Groundwater Flow Rates and Directions

The groundwater in Aquifer Zone IIB_2 (Water Table) beneath the Burial Ground Complex diverges to discharge points either in Upper Three Runs Creek or in Fourmile Branch. Groundwater flow direction toward Upper Three Runs Creek in this hydrostratigraphic unit is to the north and west-northwest (according to SRS grid coordinates). Near Upper Three Runs Creek, the upper part of the saturated zone lies beneath Confining Zone IIB_1–IIB_2 (Tan Clay) in Aquifer Zone IIB_1 (Barnwell/McBean). The groundwater flow direction below the MWMF in Aquifer Zone IIB_1 (Barnwell/McBean) ranges between north and west, while the flow direction in Aquifer Unit IIA (Congaree) is consistently northwest toward Upper Three Runs Creek. These horizontal flow directions generally have been constant for each of these hydrostratigraphic units. Piezometric surfaces and groundwater flow directions for Aquifer Zone IIB_2 (Water Table), Aquifer Zone IIB_1 (Barnwell/McBean), and Aquifer Unit IIA (Congaree) are illustrated in Figures 23, 24, and 25 (Appendix C), respectively.

To estimate the maximum transport rate of constituents originating from the MWMF, the maximum horizontal flow rate of groundwater has been estimated for each hydrostratigraphic unit. Flow rate calculations are approximations based on inferred or estimated parameters. For this reason, estimations of flow rates should be considered accurate to an order of magnitude only. The groundwater flow rates in Aquifer Zone IIB_2 (Water Table), Aquifer Zone IIB_1 (Barnwell/McBean), and Aquifer Unit IIA (Congaree) beneath the MWMF are estimated using the following one-dimensional flow equation:

$$\text{Flow (ft/day)} = \frac{\text{Hydraulic Conductivity (ft/day)}}{\text{Porosity (unitless)}} \times \frac{dh\ \text{(ft)}}{dl\ \text{(ft)}}$$

Hydraulic conductivity constants of 0.3 ft/day, 5.3 ft/day, and 65 ft/day (Geraghty & Miller, 1990) were used for Aquifer Zone IIB_2 (Water Table), Aquifer Zone IIB_1 (Barnwell/McBean), and Aquifer Unit IIA (Congaree), respectively. An effective porosity value of 20% was used for each hydrostratigraphic unit (Jaegge et al., 1987); this value is an assumption based on field and laboratory measurements of porosity. The value *dh* is the difference in head, and *dl* is the length of the flow path. Flow rate estimates vary depending on the vertical gradient between wells, the size of the area under consideration, and the number of data points.

The flow rate estimate for groundwater in Aquifer Zone IIB_2 (Water Table) beneath the MWMF is as follows (using the left flow line in Figure 23, Appendix C):

$$\frac{0.3}{0.2} \times \frac{6}{1750} = 0.0051 \text{ ft/day}$$

$$0.0051 \text{ ft/day} \times 365 = 1.9 \text{ ft/yr}$$

The flow rate estimate for groundwater in Aquifer Zone IIB_1 (Barnwell/McBean) beneath the MWMF is as follows (see Figure 24, Appendix C):

$$\frac{5.3}{0.2} \times \frac{16}{2450} = 0.17 \text{ ft/day}$$

$$0.17 \text{ ft/day} \times 365 = 62 \text{ ft/yr}$$

The flow rate estimate for groundwater in Aquifer Unit IIA (Congaree) beneath the MWMF is as follows (see Figure 25, Appendix C):

$$\frac{65}{0.2} \times \frac{8}{2650} = 0.98 \text{ ft/day}$$

$$0.98 \text{ ft/day} \times 365 = 360 \text{ ft/yr}$$

Upgradient Versus Downgradient Results

Wells BGO 1D, 2D, and HSB 85C are the designated upgradient wells in Aquifer Zone IIB_2 (Water Table). The remaining Aquifer Zone IIB_2 (Water Table) wells monitor downgradient water quality. Wells HSB 85A and 85B are designated as upgradient Aquifer Unit IIA (Congaree) and Aquifer Zone IIB_1 (Barnwell/McBean) wells, respectively. The remaining wells in these hydrostratigraphic units monitor downgradient water quality.

Upgradient wells BGO 1D and 2D and HSB 85A, 85B, and 85C did not contain any constituents that exceeded the PDWS during second quarter 1992. Downgradient wells in the three hydrostratigraphic units contained elevated levels of tritium, trichloroethylene, tetrachloroethylene, chloroethene, antimony, 1,1-dichloroethylene, lead, nonvolatile beta, radium-228, thorium-228, or total alpha-emitting radium.

Conclusions

The groundwater at the MWMF contains elevated levels of radionuclides, volatile organic compounds, heavy metals, and other constituents resulting from 40 years of operations at the Burial Ground Complex. During second quarter 1992, tritium, trichloroethylene, tetrachloroethylene, chloroethene, antimony, 1,1-dichloroethylene, lead, nonvolatile beta, radium-228, thorium-228, or total alpha-emitting radium exceeded the PDWS in one or more wells at the MWMF.

Elevated levels of these constituents were found primarily in Aquifer Zone IIB_2 (Water Table) and Aquifer Zone IIB_1 (Barnwell/McBean), suggesting that the horizontal component of groundwater flow is dominant beneath this waste management unit. As in previous quarters, tritium and trichloroethylene were the most widespread. Fifty-five (48%) of the 115 monitored wells contained elevated tritium activities, with maximum activity (1.2E+05 pCi/mL) occurring in Aquifer Zone IIB_2 (Water Table) well BGO 28D. Trichloroethylene exceeded the PDWS in 23 (20%) wells, with the maximum activity found at 283 μg/L in Aquifer Zone IIB_2 (Water Table) well BGO 28D. However, elevated levels of constituents also occurred in wells BGO 6A, 12AR, and BGX 1A in Aquifer Unit IIA (Congaree), indicating that vertical pathways into this deeper water-bearing unit exist. A current groundwater flow model for the General Separations Area indicates that the vertical component beneath this area is important (GeoTrans, Inc., 1992). As proposed in the 1991 Groundwater Quality Assessment Plan, additional monitoring wells have been installed around the MWMF and the Old Burial Ground to determine the extent of these constituents and to characterize the hydrology of the three hydrostratigraphic units beneath the facility.

Upgradient wells BGO 1D and 2D and HSB 85A, 85B, and 85C did not contain any constituents that exceeded the PDWS. Downgradient wells in the three hydrostratigraphic units contained elevated levels of tritium, trichloroethylene, tetrachloroethylene, chloroethene, antimony, 1,1-dichloroethylene, lead, nonvolatile beta, radium-228, thorium-228, or total alpha-emitting radium. Generally, elevated levels of constituents found in downgradient wells but not in upgradient wells at a waste management unit are considered products of the waste management unit.

Groundwater flow rate estimates are 1.9 ft/yr in Aquifer Zone IIB_2 (Water Table), 62 ft/yr in Aquifer Zone IIB_1 (Barnwell/McBean), and 360 ft/yr in Aquifer Unit IIA (Congaree).

Errata

Mixed Waste Management Facility Groundwater Monitoring Report, Fourth Quarter 1991 and 1991 Summary:

- Page 6, Integrity of the Monitoring Well Network, paragraph 4, line 6: Table 3 (Appendix D) does not list the amount of water purged from each of the wells.

- Page 9, Upgradient Versus Downgradient Results, paragraph 2: The statement "Tritium has consistently exceeded the PDWS in wells BGO 1D and 2D" is incorrect. Tritium has not exceeded the PDWS in well BGO 1D since first quarter 1989. Tritium has exceeded the PDWS four quarters in well BGO 2D since first quarter 1989.

- Page 11, Upgradient Versus Downgradient Results, paragraphs 2 and 3: Well BGO 2D is incorrectly identified as an upgradient well.

- Appendix D: 2,4-Dichlorophenoxyacetic acid for well BGO 35D should have been flagged as exceeding its holding time.

First Quarter 1992:

- Wells BGO 43C and BGX 8D should be corrected to BGO 43CR and BGX 8DR. Well installation records indicate that wells BGO 43CR and BGX 8DR replaced the original wells, and survey data indicate that the replacement wells, not the original wells, were surveyed. The original wells were never sampled.

- Page iii, paragraph 1, line 7; page 1, paragraph 3, line 7; page 12, paragraph 2, line 4: The number of wells in the MWMF groundwater monitoring network is incorrectly stated as 116. The correct number is 115. The percentages obtained using the number 116 should be corrected accordingly. Well BGO 10DR is incorrectly listed as part of the groundwater monitoring network in Aquifer Zone IIB_2 (Water Table). Well BGO 10DR is scheduled for sampling the first time third quarter 1992; only wells scheduled for sampling are considered part of the network.

- Page 6, paragraph 5, line 1; page 8, paragraph 2, line 1: The number of wells in the groundwater monitoring network in Aquifer Zone IIB_2 (Water Table) is incorrectly stated as 51 and 53, respectively. The correct number is 50; only wells scheduled for sampling are considered part of the network.

- Page 6, paragraph 5, line 2: Well BGO 10DR is incorrectly listed as part of the groundwater monitoring network in Aquifer Zone IIB_2 (Water Table). Well BGO 10DR is scheduled for sampling the first time third quarter 1992; only wells scheduled for sampling are considered part of the network.

- Page 8, paragraph 3, line 1: The number of wells in Aquifer Zone IIB_1 (Barnwell/McBean) is incorrectly stated as 42. The correct number is 43.

- Pages C-5, C-9, C-10, C-11, C-18, and C-19: The symbol for well BGO 17D is missing from these maps.
- Page C-7: The symbols for wells BGX 2B and 4C are missing from the map.
- Page E-7: The legend should read "Barnwell (IIB1) (R)."
- Page F-14: The legend should read "Barnwell (IIB1) (R)."

References Cited

Aadland, R. K., and H. W. Bledsoe, 1990. **Classification of Hydrostratigraphic Units at the Savannah River Site, South Carolina**, WSRC-RP-90-987. Westinghouse Savannah River Company, Savannah River Site, Aiken, SC.

Aucott, W. R., M. E. Davis and G. K. Speiran, 1987. **Geohydrologic Framework of the Coastal Plain Aquifers of South Carolina**, U.S. Geological Survey Water-Resources Investigations Report 85-4271.

DuPont (E. I. du Pont de Nemours & Company), 1989. **Final Safety Analysis Report of the Defense Waste Processing Facility**, DPSTSA-200-10. Savannah River Plant, Aiken, SC.

GeoTrans, Inc., 1988. **A Numerical Model of the Hydrogeological System Underlying the Savannah River Plant**, Final Report submitted to Savannah River Laboratory.

GeoTrans, Inc., 1992. **Groundwater Flow Model for the General Separations Area, Savannah River Site.** Prepared for Westinghouse Savannah River Company, Environmental Restoration Department, Savannah River Site, Aiken, SC.

Geraghty & Miller, Inc., 1990. **Evaluation of Integrated Waste Facility Closure Capping on Ground-Water Flow and Solute Transport in General Separations Area, Savannah River Site: Flow Model and Particle-Tracking Analysis, Final Report.** Prepared by Geraghty & Miller Modeling Group for Westinghouse Savannah River Company, Waste Management Technology, Savannah River Site, Aiken, SC.

Heffner, J. D., and Exploration Resources, Inc., 1991. **Technical Summary of Groundwater Quality Protection Program at the Savannah River Site (1952–1986), Volume I – Site Geohydrology and Waste Sites**, DPSP-88-1002. Westinghouse Savannah River Company, Aiken, SC.

Jaegge, W. J., N. L. Kolb, B. B. Looney, I. W. Marine, O. A. Towler, and J. R. Cook, 1987. **Radioactive Waste Burial Grounds**, DPST-85-694. Savannah River Laboratory, E. I. du Pont de Nemours & Company, Aiken, SC.

SCDHEC (South Carolina Department of Health and Environmental Control), 1990. **South Carolina Hazardous Waste Management Regulations**; R.61-79.124, .260 through .266, .268, and .270; November 1990. Columbia, SC.

Siple, G. E., 1967. **Geology and Ground Water of the Savannah River Plant and Vicinity, South Carolina.** Geological Survey Water-Supply Paper 1841, Reston, VA.

WSRC (Westinghouse Savannah River Company), 1990a. **Application for a Hazardous Waste Part B Post-Closure Care Permit. Volume IV. F-Area Hazardous Waste Management Facility**. Revision 2, December 3, 1990. Savannah River Site, Aiken, SC.

WSRC (Westinghouse Savannah River Company), 1990b. **Application for a Hazardous Waste Part B Post-Closure Care Permit. Volume V. H-Area Hazardous Waste Management Facility**. Revision 2, December 3, 1990. Savannah River Site, Aiken, SC.

WSRC (Westinghouse Savannah River Company), 1990c. **Waste Management Units—Savannah River Site. Volume I. Waste Management Unit Worksheets**. Westinghouse Savannah River Company, Aiken. SC.

Appendix A – Primary Drinking Water Standards

Primary Drinking Water Standards

Analyte	Unit	Level	Status	Reference
Americium-241	pCi/L	6.34E+00	Proposed	EPA, 1991
Americium-243	pCi/L	6.37E+00	Proposed	EPA, 1991
Antimony	µg/L	5[a]	Proposed	EPA, 1990
Antimony-125	pCi/L	3E+02	Final	EPA, 1977
Arsenic	µg/L	50	Final	CFR, 1991
Barium	µg/L	2,000	Final	CFR, 1991
Barium-140	pCi/L	9E+01	Final	EPA, 1977
Benzene	µg/L	5	Final	CFR, 1991
Benzo[*a*]anthracene	µg/L	0.1	Proposed	EPA, 1990
Benzo[*b*]fluoranthene	µg/L	0.2	Proposed	EPA, 1990
Benzo[*k*]fluoranthene	µg/L	0.2	Proposed	EPA, 1990
Benzo[*a*]pyrene	µg/L	0.2	Proposed	EPA, 1990
Beryllium	µg/L	1	Proposed	EPA, 1990
Beryllium-7	pCi/L	6E+03	Final	EPA, 1977
Bromodichloromethane	µg/L	100	Final	CFR, 1991
Bromoform	µg/L	100	Final	CFR, 1991
2-sec-Butyl-4,6-dinitrophenol (Dinoseb)	µg/L	7	Proposed	EPA, 1990
Cadmium	µg/L	5	Final	CFR, 1991
Carbon-14	pCi/L	2E+03	Final	EPA, 1977
Carbon tetrachloride	µg/L	5	Final	CFR, 1991
Cerium-141	pCi/L	3E+02	Final	EPA, 1977
Cerium-144	pCi/L	2.61E+02	Proposed	EPA, 1991
Cesium-134	pCi/L	8.13E+02[b]	Proposed	EPA, 1991
Cesium-137	pCi/L	2E+02	Final	EPA, 1977
Chlordane	µg/L	2	Final	CFR, 1991
Chloroethene (Vinyl chloride)	µg/L	2	Final	CFR, 1991
Chloroform	µg/L	100	Final	CFR, 1991
Chromium	µg/L	100	Final	CFR, 1991
Chromium-51	pCi/L	6E+03	Final	EPA, 1977
Chrysene	µg/L	0.2	Proposed	EPA, 1990
Cobalt-57	pCi/L	1E+03	Final	EPA, 1977
Cobalt-58	pCi/L	9E+03	Final	EPA, 1977
Cobalt-60	pCi/L	1E+02	Final	EPA, 1977
Copper	µg/L	1,300	Final	CFR, 1991
Curium-242	pCi/L	1.33E+02	Proposed	EPA, 1991
Curium-243	pCi/L	8.3E+00	Proposed	EPA, 1991
Curium-244	pCi/L	9.84E+00	Proposed	EPA, 1991
Curium-246	pCi/L	6.27E+00	Proposed	EPA, 1991
Cyanide	µg/L	200	Proposed	EPA, 1990
Dibenz[*a,h*]anthracene	µg/L	0.3	Proposed	EPA, 1990
Dibromochloromethane	µg/L	100	Final	CFR, 1991
Dibromochloropropane	µg/L	0.2	Final	CFR, 1991
1,2-Dichlorobenzene	µg/L	600	Final	CFR, 1991
1,4-Dichlorobenzene	µg/L	75	Final	CFR, 1991
1,2-Dichloroethane	µg/L	5	Final	CFR, 1991
1,1-Dichloroethylene	µg/L	7	Final	CFR, 1991
cis-1,2-Dichloroethylene	µg/L	70	Final	CFR, 1991
trans-1,2-Dichloroethylene	µg/L	100	Final	CFR, 1991
Dichloromethane (Methylene chloride)	µg/L	5	Proposed	EPA, 1990
2,4-Dichlorophenoxyacetic acid	µg/L	70	Final	CFR, 1991
1,2-Dichloropropane	µg/L	5	Final	CFR, 1991
Endrin	µg/L	0.2	Final	CFR, 1991
Ethylbenzene	µg/L	700	Final	CFR, 1991
Europium-154	pCi/L	2E+02	Final	EPA, 1977

Analyte	Unit	Level	Status	Reference
Europium-155	pCi/L	6E+02	Final	EPA, 1977
Fluoride	µg/L	4,000	Final	CFR, 1991
Gross alpha[c]	pCi/L	1.5E+01	Final	CFR, 1991
Heptachlor	µg/L	0.4	Final	CFR, 1991
Heptachlor epoxide	µg/L	0.2	Final	CFR, 1991
Hexachlorobenzene	µg/L	1	Proposed	EPA, 1990
Hexachlorocyclopentadiene	µg/L	50	Proposed	EPA, 1990
Iodine-129	pCi/L	1E+00	Final	EPA, 1977
Iodine-131	pCi/L	3E+00	Final	EPA, 1977
Iron-55	pCi/L	2E+03	Final	EPA, 1977
Iron-59	pCi/L	2E+02	Final	EPA, 1977
Lanthanum-140	pCi/L	6E+01	Final	EPA, 1977
Lead	µg/L	15	Final	CFR, 1991
Lindane	µg/L	0.2	Final	CFR, 1991
Manganese-54	pCi/L	3E+02	Final	EPA, 1977
Mercury	µg/L	2	Final	CFR, 1991
Methoxychlor	µg/L	40	Final	CFR, 1991
Neptunium-237	pCi/L	7.06E+00	Proposed	EPA, 1991
Nickel	µg/L	100	Proposed	EPA, 1990
Nickel-59	pCi/L	3E+02	Final	EPA, 1977
Nickel-63	pCi/L	5E+01	Final	EPA, 1977
Niobium-95	pCi/L	3E+02	Final	EPA, 1977
Nitrate as nitrogen	µg/L	10,000	Final	CFR, 1991
Nitrite as nitrogen	µg/L	1,000	Final	CFR, 1991
Nonvolatile beta	pCi/L	5E+01	Proposed	EPA, 1986
PCBs[d]	µg/L	0.5	Final	CFR, 1991
Pentachlorophenol	µg/L	1	Final	CFR, 1991
Plutonium-238	pCi/L	7.02E+00	Proposed	EPA, 1991
Plutonium-239	pCi/L	6.21E+01	Proposed	EPA, 1991
Plutonium-239/240[e]	pCi/L	6.21E+01	Proposed	EPA, 1991
Plutonium-240	pCi/L	6.22E+01	Proposed	EPA, 1991
Plutonium-241	pCi/L	6.26E+01	Proposed	EPA, 1991
Plutonium-242	pCi/L	6.54E+01	Proposed	EPA, 1991
Potassium-40	pCi/L	3E+02	Proposed	EPA, 1986
Radium-226	pCi/L	1.57E+01	Proposed	EPA, 1991
Radium-228	pCi/L	7.85E+00	Proposed	EPA, 1991
Radon-222	pCi/L	3E+02	Proposed	EPA, 1991
Ruthenium-103	pCi/L	2E+02	Final	EPA, 1977
Ruthenium-106	pCi/L	3E+01	Final	EPA, 1977
Selenium	µg/L	50	Final	CFR, 1991
Silver	µg/L	50	Final	CFR, 1991
Sodium-22	pCi/L	4.66E+02	Proposed	EPA, 1991
Strontium-89	pCi/L	2E+01[f]	Final	EPA, 1977
Strontium-89/90[e]	pCi/L	8E+00	Final	CFR, 1991
Strontium-90	pCi/L	8E+00	Final	CFR, 1991
Styrene	µg/L	100	Final	CFR, 1991
Sulfate	µg/L	400,000[a]	Proposed	EPA, 1990
Technetium-99	pCi/L	9E+02	Final	EPA, 1977
Tetrachloroethylene	µg/L	5	Final	CFR, 1991
Thallium	µg/L	1	Proposed	EPA, 1990
Thorium-228	pCi/L	1.25E+02	Proposed	EPA, 1991
Thorium-230	pCi/L	7.92E+01	Proposed	EPA, 1991
Thorium-232	pCi/L	8.8E+01	Proposed	EPA, 1991
Thorium-234	pCi/L	4.01E+02	Proposed	EPA, 1991
Tin-113	pCi/L	3E+02	Final	EPA, 1977
Toluene	µg/L	1,000	Final	CFR, 1991

Analyte	Unit	Level	Status	Reference
Total radium	pCi/L	5E+00	Final	CFR, 1991
Total trihalomethanes	µg/L	100	Final	CFR, 1991
Toxaphene	µg/L	3	Final	CFR, 1991
2,4,5-TP (Silvex)	µg/L	50	Final	CFR, 1991
1,2,4-Trichlorobenzene	µg/L	9	Proposed	EPA, 1990
1,1,1-Trichloroethane	µg/L	200	Final	CFR, 1991
1,1,2-Trichloroethane	µg/L	5	Proposed	EPA, 1990
Trichloroethylene	µg/L	5	Final	CFR, 1991
Tritium	pCi/mL	2E+01	Final	CFR, 1991
Uranium	µg/L	20	Proposed	EPA, 1991
Uranium alpha activity	pCi/L	3E+01	Proposed	EPA, 1991
Uranium-233/234[e]	pCi/L	1.38E+01	Proposed	EPA, 1991
Uranium-234	pCi/L	1.39E+01	Proposed	EPA, 1991
Uranium-235	pCi/L	1.45E+01	Proposed	EPA, 1991
Uranium-238	pCi/L	1.46E+01	Proposed	EPA, 1991
Xylenes	µg/L	10,000	Final	CFR, 1991
Zinc-65	pCi/L	3E+02	Final	EPA, 1977
Zirconium-95	pCi/L	2E+02	Final	EPA, 1977
Zirconium/Niobium-95[e]	pCi/L	2E+02	Final	EPA, 1977

Note: Drinking water standards set by EPA (1977) correspond to the level at which each radionuclide contributes 4 mrem/yr of dose to an individual consuming 2 L of contaminated liquid a day. See EPA (1977) for details.

[a] This value is the lower of two proposed levels.
[b] EPD/EMS uses the proposed standard because it is a lower value; the final PDWS in 1977 may have been in error.
[c] The standard given is for gross alpha including radium-226 but excluding radon and uranium.
[d] Analyses were conducted in 1992 for the following: PCB 1016, PCB 1221, PCB 1232, PCB 1242, PCB 1248, PCB 1254, and PCB 1260.
[e] For double radionuclide analyses where each separate radionuclide has its own standard, the more stringent standard is used.
[f] This value is the lower of two levels given for strontium-89.

References

CFR (Code of Federal Regulations), 1991. *National Primary Drinking Water Regulations*, **40 CFR, Part 141**, pp. 578–715. Washington, DC.

EPA (U.S. Environmental Protection Agency), 1977. **National Interim Primary Drinking Water Regulations**, EPA-570/9-76-003. Washington, DC.

EPA (U.S. Environmental Protection Agency), 1986. *Water Pollution Control; National Primary Drinking Water Regulations, Radionuclides (Proposed)*, **Federal Register**, September 30, 1986, pp. 34835–34862. Washington, DC.

EPA (U.S. Environmental Protection Agency), 1990. *Natio al Primary and Secondary Drinking Water Regulations; Synthetic Organic Chemicals and Inorganic Chemicals; Proposed Rule*, **Federal Register**, July 25, 1990, pp. 30369–30448. Washington, DC.

EPA (U.S. Environmental Protection Agency), 1991. *National Primary Drinking Water Regulations; Radionuclides; Proposed Rule*, **Federal Register**, July 18, 1991, pp. 33052–33127. Washington, DC.

Appendix B – Flagging Criteria

Flagging Criteria

Beginning in 1991, the Environmental Monitoring Section of the Environmental Protection Department (EPD/EMS) modified its guidelines for flagging constituents in the Groundwater Monitoring Program. These flagging criteria are as follows:

- Flag 2 criteria for constituents equal the U.S. Environmental Protection Agency (EPA) Primary Drinking Water Standard, the EPA proposed Primary Drinking Water Standard, or the EPA Secondary Drinking Water Standard. If a constituent does not have a drinking water standard, the Flag 2 criterion equals 10 times the method detection limit (MDL) calculated as the 90th percentile detection limit obtained recently by one of the primary analytical laboratories.

- Flag 1 criteria for constituents equal one-half of the EPA Primary Drinking Water Standard, one-half the EPA proposed Primary Drinking Water Standard, or one-half the EPA Secondary Drinking Water Standard. If a constituent does not have an EPA drinking water standard, the Flag 1 criterion equals 5 times the MDL calculated as the 90th percentile detection limit obtained recently by one of the primary analytical laboratories.

- Analytical results for constituents below Flag 1 or below sample detection limits are classified as Flag 0.

The following parameters are not assigned flagging criteria: alkalinity, calcium, carbonate, color, corrosivity, magnesium, odor, potassium, Eh, silica, sodium, total dissolved solids, total phosphorus, total phosphates (as P), and turbidity. In addition, common laboratory contaminants and cleaners including phthalates, methylene chloride, ketones, and toluene are not assigned flagging criteria.

Analyte	Unit	Flag 1	Flag 2	Source
Acenaphthene	µg/L	50	100	EPA Method 8270
Acenaphthylene	µg/L	50	100	EPA Method 8270
Acetone	µg/L	50	100	EPA Method 8240
Acetonitrile (Methyl cyanide)	µg/L	500	1,000	EPA Method 8240
Acetophenone	µg/L	50	100	EPA Method 8270
2-Acetylaminofluorene	µg/L	50	100	EPA Method 8270
Acrolein	µg/L	100	200	EPA Method 8240
Acrylonitrile	µg/L	100	200	EPA Method 8240
Aldrin	µg/L	2.5	5	EPA Method 8080
Alkalinity (as $CaCO_3$)		No flag	No flag	Set by EPD/EMS
Allyl chloride	µg/L	250	500	EPA Method 8240
Aluminum	µg/L	100	200	EPA Method 6010
Americium-241	pCi/L	3.17E+00	6.34E+00	Proposed DWS (EPA, 1991)
Americium-243	pCi/L	3.19E+00	6.37E+00	Proposed DWS (EPA, 1991)
4-Aminobiphenyl	µg/L	50	100	EPA Method 8270
Ammonia	µg/L	500	1,000	APHA Method 417B
Ammonia nitrogen	µg/L	50	100	EPA Method 350.1
Aniline	µg/L	50	100	EPA Method 8270
Anthracene	µg/L	50	100	EPA Method 8270
Antimony	µg/L	2.5	5	Proposed DWS (EPA, 1990)
Antimony-125	pCi/L	1.5E+02	3E+02	Final DWS (EPA, 1977)

Analyte	Unit	Flag 1	Flag 2	Source
Aramite	µg/L	50	100	EPA Method 8270
Arsenic	µg/L	25	50	Final DWS (CFR, 1991a)
Azobenzene	µg/L	50	100	EPA Method 625
Barium	µg/L	1,000	2,000	Final DWS (CFR, 1991a)
Barium-140	pCi/L	4.5E+01	9E+01	Final DWS (EPA, 1977)
Benzene	µg/L	2.5	5	Final DWS (CFR, 1991a)
alpha-Benzene hexachloride	µg/L	2.5	5	EPA Method 8080
beta-Benzene hexachloride	µg/L	2.5	5	EPA Method 8080
delta-Benzene hexachloride	µg/L	2.5	5	EPA Method 8080
Benzidine	µg/L	250	500	EPA Method 8270
Benzo[*a*]anthracene	µg/L	0.05	0.1	Proposed DWS (EPA, 1990)
Benzo[*b*]fluoranthene	µg/L	0.1	0.2	Proposed DWS (EPA, 1990)
Benzo[*k*]fluoranthene	µg/L	0.1	0.2	Proposed DWS (EPA, 1990)
Benzo[*g,h,i*]perylene	µg/L	50	100	EPA Method 8270
Benzo[*a*]pyrene	µg/L	0.1	0.2	Proposed DWS (EPA, 1990)
Benzoic acid	µg/L	250	500	EPA Method 8270
1,4-Benzoquinone	µg/L	50	100	EPA Method 8270
Benzyl alcohol	µg/L	100	200	EPA Method 8270
Beryllium	µg/L	0.5	1	Proposed DWS (EPA, 1990)
Beryllium-7	pCi/L	3E+03	6E+03	Final DWS (EPA, 1977)
Bis(2-chloroethoxy) methane	µg/L	50	100	EPA Method 8270
Bis(2-chloroethyl) ether	µg/L	50	100	EPA Method 8270
Bis(2-chloroisopropyl) ether	µg/L	50	100	EPA Method 8270
Bis(chloromethyl) ether	µg/L	50	100	EPA Method 8270
Bis(chloromethyl-ethyl) ether	µg/L	50	100	EPA Method 8270
Bis(2-ethylhexyl) phthalate		No flag	No flag	Set by EPD/EMS
Bromide	µg/L	5,000	10,000	EPA Method 300.0
Bromodichloromethane	µg/L	50	100	Final DWS (CFR, 1991a)
Bromoform	µg/L	50	100	Final DWS (CFR, 1991a)
Bromomethane (Methyl bromide)	µg/L	5	10	EPA Method 8240
4-Bromophenyl phenyl ether	µg/L	50	100	EPA Method 8270
2-sec-Butyl-4,6-dinitrophenol	µg/L	3.5	7	Proposed DWS (EPA, 1990)
Butylbenzyl phthalate		No flag	No flag	Set by EPD/EMS
Cadmium	µg/L	2.5	5	Final DWS (CFR, 1991a)
Calcium		No flag	No flag	Set by EPD/EMS
Carbon disulfide	µg/L	5	10	EPA Method 8240
Carbon tetrachloride	µg/L	2.5	5	Final DWS (CFR, 1991a)
Carbon-14	pCi/L	1E+03	2E+03	Final DWS (EPA, 1977)
Carbonate	µg/L	500	1,000	EPA Method 310.1
Cerium-141	pCi/L	1.5E+02	3E+02	Final DWS (EPA, 1977)
Cerium-144	pCi/L	1.31E+02	2.61E+02	Proposed DWS (EPA, 1991)
Cesium-134	pCi/L	4.07E+01	8.13E+01	Proposed DWS (EPA, 1991)
Cesium-137	pCi/L	1E+02	2E+02	Final DWS (EPA, 1977)
Chlordane	µg/L	1	2	Final DWS (CFR, 1991a)
Chloride	µg/L	125,000	250,000	Secondary DWS (CFR, 1991b)
4-Chloroaniline	µg/L	50	100	EPA Method 8270
Chlorobenzene	µg/L	5	10	EPA Method 8240
Chlorobenzilate	µg/L	50	100	EPA Method 8270
Chloroethane	µg/L	5	10	EPA Method 8240
Chloroethene (Vinyl chloride)	µg/L	1	2	Final DWS (CFR, 1991a)
Chloroethyl vinyl ether	µg/L	5	10	EPA Method 8240
2-Chloroethyl vinyl ether	µg/L	5	10	EPA Method 8240
Chloroform	µg/L	50	100	Final DWS (CFR, 1991a)
para-Chloro-meta-cresol	µg/L	50	100	EPA Method 8270
Chloromethane (Methyl chloride)	µg/L	5	10	EPA Method 8240
2-Chloronaphthalene	µg/L	50	100	EPA Method 8240

Analyte	Unit	Flag 1	Flag 2	Source
2-Chlorophenol	µg/L	50	100	EPA Method 8270
4-Chlorophenyl phenyl ether	µg/L	50	100	EPA Method 8270
Chloroprene	µg/L	1,000	2,000	EPA Method 8240
Chromium	µg/L	50	100	Final DWS (CFR, 1991a)
Chromium-51	pCi/L	3E+03	6E+03	Final DWS (EPA, 1977)
Chrysene	µg/L	0.1	0.2	Proposed DWS (EPA, 1990)
Cobalt	µg/L	20	40	EPA Method 6010
Cobalt-57	pCi/L	5E+02	1E+03	Final DWS (EPA, 1977)
Cobalt-58	pCi/L	4.5E+03	9E+03	Final DWS (EPA, 1977)
Cobalt-60	pCi/L	5E+01	1E+02	Final DWS (EPA, 1977)
Color		No flag	No flag	Set by EPD/EMS
Copper	µg/L	650	1,300	Final DWS (CFR, 1991a)
Corrosivity		No flag	No flag	Set by EPD/EMS
m-Cresol (3-Methylphenol)	µg/L	50	100	EPA Method 8270
o-Cresol (2-Methylphenol)	µg/L	50	100	EPA Method 8270
p-Cresol (4-Methylphenol)	µg/L	50	100	EPA Method 8270
Curium-242	pCi/L	6.65E+01	1.33E+02	Proposed DWS (EPA, 1991)
Curium-243	pCi/L	4.15E+00	8.3E+00	Proposed DWS (EPA, 1991)
Curium-244	pCi/L	4.92E+00	9.84E+00	Proposed DWS (EPA, 1991)
Curium-246	pCi/L	3.14E+00	6.27E+00	Proposed DWS (EPA, 1991)
Cyanide	µg/L	100	200	Proposed DWS (EPA, 1990)
p,p'-DDD	µg/L	2.5	5	EPA Method 8080
p,p'-DDE	µg/L	2.5	5	EPA Method 8080
p,p'-DDT	µg/L	2.5	5	EPA Method 8080
Di-n-butyl phthalate		No flag	No flag	Set by EPD/EMS
Di-n-octyl phthalate		No flag	No flag	Set by EPD/EMS
Diallate	µg/L	50	100	EPA Method 8270
Dibenz[*a,h*]anthracene	µg/L	0.15	0.3	Proposed DWS (EPA, 1990)
Dibenzofuran	µg/L	50	100	EPA Method 8270
Dibromochloromethane	µg/L	50	100	Final DWS (CFR, 1991a)
Dibromochloropropane	µg/L	0.1	0.2	Final DWS (CFR, 1991a)
1,2-Dibromo-3-chloropropane	µg/L	250	500	EPA Method 8240
1,2-Dibromoethane	µg/L	100	200	EPA Method 8240
Dibromomethane (Methylene bromide)	µg/L	5	10	EPA Method 8240
1,2-Dichlorobenzene	µg/L	300	600	Final DWS (CFR, 1991a)
1,3-Dichlorobenzene	µg/L	50	100	EPA Method 8270
1,4-Dichlorobenzene	µg/L	37.5	75	Final DWS (CFR, 1991a)
3,3'-Dichlorobenzidine	µg/L	50	100	EPA Method 8270
trans-1,4-Dichloro-2-butene	µg/L	150	300	EPA Method 8240
Dichlorodifluoromethane	µg/L	5	10	EPA Method 8240
1,1-Dichloroethane	µg/L	5	10	EPA Method 8240
1,2-Dichloroethane	µg/L	2.5	5	Final DWS (CFR, 1991a)
cis-1,2-Dichloroethene	µg/L	35	70	Final DWS (CFR, 1991a)
1,1-Dichloroethylene	µg/L	3.5	7	Final DWS (CFR, 1991a)
1,2-Dichloroethylene	µg/L	25	50	EPA Method 8240
trans-1,2-Dichloroethylene	µg/L	50	100	Final DWS (CFR, 1991a)
Dichloromethane (Methylene chloride)		No flag	No flag	Set by EPD/EMS
2,4-Dichlorophenol	µg/L	50	100	EPA Method 8270
2,6-Dichlorophenol	µg/L	50	100	EPA Method 8270
2,4-Dichlorophenoxyacetic acid	µg/L	35	70	Final DWS (CFR, 1991a)
1,2-Dichloropropane	µg/L	2.5	5	Final DWS (CFR, 1991a)
cis-1,3-Dichloropropene	µg/L	5	10	EPA Method 8240
trans-1,3-Dichloropropene	µg/L	5	10	EPA Method 8240
Dieldrin	µg/L	2.5	5	EPA Method 8080

Analyte	Unit	Flag 1	Flag 2	Source
Diethyl phthalate		No flag	No flag	Set by EPD/EMS
Dimethoate	µg/L	50	100	EPA Method 8270
p-Dimethylaminoazobenzene	µg/L	50	100	EPA Method 8270
p-(Dimethylamino)ethylbenzene	µg/L	50	100	EPA Method 8270
7,12-Dimethylbenz[*a*]anthracene	µg/L	50	100	EPA Method 8270
3,3'-Dimethylbenzidine	µg/L	50	100	EPA Method 8270
a,a-Dimethylphenethylamine	µg/L	50	100	EPA Method 8270
2,4-Dimethyl phenol	µg/L	50	100	EPA Method 8270
Dimethyl phthalate		No flag	No flag	Set by EPD/EMS
1,3-Dinitrobenzene	µg/L	50	100	EPA Method 8270
4,6-Dinitro-ortho-cresol	µg/L	250	500	EPA Method 8270
2,4-Dinitrophenol	µg/L	250	500	EPA Method 8270
2,4-Dinitrotoluene	µg/L	50	100	EPA Method 8270
2,6-Dinitrotoluene	µg/L	50	100	EPA Method 8270
1,4-Dioxane	µg/L	50	100	EPA Method 8270
Diphenylamine	µg/L	50	100	EPA Method 8270
1,2-Diphenylhydrazine	µg/L	50	100	EPA Method 8270
Dissolved organic carbon	µg/L	5,000	10,000	EPA Method 9060
Disulfoton	µg/L	50	100	EPA Method 8270
Eh		No flag	No flag	Set by EPD/EMS
alpha-Endosulfan	µg/L	50	100	EPA Method 8270
beta-Endosulfan	µg/L	50	100	EPA Method 8270
Endosulfan I	µg/L	2.5	5	EPA Method 8080
Endosulfan II	µg/L	2.5	5	EPA Method 8080
Endosulfan sulfate	µg/L	2.5	5	EPA Method 8080
Endrin	µg/L	0.1	0.2	Final DWS (CFR, 1991a)
Endrin aldehyde	µg/L	2.5	5	EPA Method 8080
Endrin ketone		No flag	No flag	Set by EPD/EMS
Ethyl methacrylate	µg/L	50	100	EPA Method 8270
Ethyl methanesulfonate	µg/L	50	100	EPA Method 8270
Ethylbenzene	µg/L	350	700	Final DWS (CFR, 1991a)
Europium-154	pCi/L	1E+02	2E+02	Final DWS (EPA, 1977)
Europium-155	pCi/L	3E+02	6E+02	Final DWS (EPA, 1977)
Famphur	µg/L	50	100	EPA Method 8270
Fluoranthene	µg/L	50	100	EPA Method 8270
Fluorene	µg/L	50	100	EPA Method 8270
Fluoride	µg/L	2,000	4,000	Final DWS (CFR, 1991a)
Gross alpha	pCi/L	7.5E+00	1.5E+01	Final DWS (CFR, 1991a)
Heptachlor	µg/L	0.2	0.4	Final DWS (CFR, 1991a)
Heptachlor epoxide	µg/L	0.1	0.2	Final DWS (CFR, 1991a)
Heptachlorodibenzo-p-dioxin isomers	µg/L	0.00325	0.0065	EPA Method 8280
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	µg/L	0.00325	0.0065	EPA Method 8280
Heptachlorodibenzo-p-furan isomers	µg/L	0.00225	0.0045	EPA Method 8280
1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	µg/L	0.00225	0.0045	EPA Method 8280
Hexachlorobenzene	µg/L	0.5	1	Proposed DWS (EPA, 1990)
Hexachlorobutadiene	µg/L	50	100	EPA Method 8270
Hexachlorocyclopentadiene	µg/L	25	50	Proposed DWS (EPA, 1990)
Hexachlorodibenzo-p-dioxin isomers	µg/L	0.00225	0.0045	EPA Method 8280
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	µg/L	0.00225	0.0045	EPA Method 8280
Hexachlorodibenzo-p-furan isomers	µg/L	0.002	0.004	EPA Method 8280

Analyte	Unit	Flag 1	Flag 2	Source
1,2,3,4,7,8-Hexachlorodibenzo-p-furan	µg/L	0.002	0.004	EPA Method 8280
Hexachloroethane	µg/L	50	100	EPA Method 8270
Hexachlorophene	µg/L	250	500	EPA Method 8270
Hexachloropropene	µg/L	50	100	EPA Method 8270
2-Hexanone	µg/L	100	200	EPA Method 8240
Indeno[*1,2,3-c,d*]pyrene	µg/L	50	100	EPA Method 8270
Iodine	µg/L	500	1,000	EPA Method 415
Iodine-129	pCi/L	5E-01	1E+00	Final DWS (EPA, 1977)
Iodine-131	pCi/L	1.5E+00	3E+00	Final DWS (EPA, 1977)
Iodomethane (Methyl iodide)	µg/L	75	150	EPA Method 8240
Iron	µg/L	150	300	Secondary DWS (CFR, 1991b)
Iron-55	pCi/L	1E+03	2E+03	Final DWS (EPA, 1977)
Iron-59	pCi/L	1E+02	2E+02	Final DWS (EPA, 1977)
Isobutyl alcohol	µg/L	500	1,000	EPA Method 8240
Isodrin	µg/L	50	100	EPA Method 8270
Isophorone	µg/L	50	100	EPA Method 8270
Isosafrole	µg/L	50	100	EPA Method 8270
Kepone	µg/L	50	100	EPA Method 8270
Lanthanum-140	pCi/L	3E+01	6E+01	Final DWS (EPA, 1977)
Lead	µg/L	7.5	15	Final DWS (CFR, 1991a)
Lindane	µg/L	0.1	0.2	Final DWS (CFR, 1991a)
Lithium	µg/L	25	50	EPA Method 6010
Magnesium		No flag	No flag	Set by EPD/EMS
Manganese	µg/L	25	50	Secondary DWS (CFR, 1991b)
Manganese-54	pCi/L	1.5E+02	3E+02	Final DWS (EPA, 1977)
Mercury	µg/L	1	2	Final DWS (CFR, 1991a)
Methacrylonitrile	µg/L	250	500	EPA Method 8240
Methapyrilene	µg/L	50	100	EPA Method 8270
Methoxychlor	µg/L	20	40	Final DWS (CFR, 1991a)
3-Methylcholanthrene	µg/L	50	100	EPA Method 8270
2-Methyl-4,6-dinitrophenol	µg/L	250	500	EPA Method 8270
Methyl ethyl ketone		No flag	No flag	Set by EPD/EMS
Methyl isobutyl ketone		No flag	No flag	Set by EPD/EMS
Methyl methacrylate	µg/L	50	100	EPA Method 8270
Methyl methanesulfonate	µg/L	50	100	EPA Method 8270
2-Methylnaphthalene	µg/L	50	100	EPA Method 8270
Molybdenum	µg/L	250	500	EPA Method 6010
Naphthalene	µg/L	50	100	EPA Method 8270
1,4-Naphthoquinone	µg/L	50	100	EPA Method 8270
1-Naphthylamine	µg/L	50	100	EPA Method 8270
2-Naphthylamine	µg/L	50	100	EPA Method 8270
Neptunium-237	pCi/L	3.53E+00	7.06E+00	Proposed DWS (EPA, 1991)
Nickel	µg/L	50	100	Proposed DWS (EPA, 1990)
Nickel-59	pCi/L	1.5E+02	3E+02	Final DWS (EPA, 1977)
Nickel-63	pCi/L	2.5E+01	5E+01	Final DWS (EPA, 1977)
Niobium-95	pCi/L	1.5E+02	3E+02	Final DWS (EPA, 1977)
Nitrate as nitrogen	µg/L	5,000	10,000	Final DWS (CFR, 1991a)
Nitrite as nitrogen	µg/L	500	1,000	Final DWS (CFR, 1991a)
2-Nitroaniline	µg/L	50	100	EPA Method 8270
3-Nitroaniline	µg/L	50	100	EPA Method 8270
4-Nitroaniline	µg/L	50	100	EPA Method 8270
Nitrobenzene	µg/L	50	100	EPA Method 8270
Nitrogen by Kjeldahl method	µg/L	500	1,000	EPA Method 351.2
2-Nitrophenol	µg/L	50	100	EPA Method 8270
4-Nitrophenol	µg/L	50	100	EPA Method 8270

Analyte	Unit	Flag 1	Flag 2	Source
4-Nitroquinoline-1-oxide	µg/L	50	100	EPA Method 8270
N-Nitrosodi-n-butylamine	µg/L	50	100	EPA Method 8270
N-Nitrosodiethylamine	µg/L	50	100	EPA Method 8270
N-Nitrosodimethylamine	µg/L	50	100	EPA Method 8270
N-Nitrosodiphenylamine	µg/L	50	100	EPA Method 8270
N-Nitrosodi-propylamine	µg/L	50	100	EPA Method 8270
N-Nitrosomethylethylamine	µg/L	50	100	EPA Method 8270
N-Nitrosomorpholine	µg/L	50	100	EPA Method 8270
N-Nitrosopiperidine	µg/L	50	100	EPA Method 8270
N-Nitrosopyrrolidine	µg/L	50	100	EPA Method 8270
5-Nitro-o-toluidine	µg/L	50	100	EPA Method 8270
Nonvolatile beta	pCi/L	2.5E+01	5E+01	Proposed DWS (EPA, 1986)
Octachlorodibenzo-p-dioxin isomers	µg/L	0.005	0.01	EPA Method 8280
Octachlorodibenzo-p-furan isomers	µg/L	0.005	0.01	EPA Method 8280
Odor		No flag	No flag	Set by EPD/EMS
Oil & Grease	µg/L	5,000	10,000	EPA Method 413.1
Parathion	µg/L	2.5	5	EPA Method 8080
Parathion methyl	µg/L	2.5	5	EPA Method 8080
PCB 1016	µg/L	0.25	0.5	Final DWS (CFR, 1991a)
PCB 1221	µg/L	0.25	0.5	Final DWS (CFR, 1991a)
PCB 1232	µg/L	0.25	0.5	Final DWS (CFR, 1991a)
PCB 1242	µg/L	0.25	0.5	Final DWS (CFR, 1991a)
PCB 1248	µg/L	0.25	0.5	Final DWS (CFR, 1991a)
PCB 1254	µg/L	0.25	0.5	Final DWS (CFR, 1991a)
PCB 1260	µg/L	0.25	0.5	Final DWS (CFR, 1991a)
PCB 1262	µg/L	0.25	0.5	Final DWS (CFR, 1991a)
Pentachlorobenzene	µg/L	50	100	EPA Method 8270
Pentachlorodibenzo-p-dioxin isomers	µg/L	0.00275	0.0055	EPA Method 8280
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	µg/L	0.00275	0.0055	EPA Method 8280
Pentachlorodibenzo-p-furan isomers	µg/L	0.00275	0.0055	EPA Method 8280
1,2,3,7,8-Pentachlorodibenzo-p-furan	µg/L	0.00275	0.0055	EPA Method 8280
Pentachloroethane	µg/L	50	100	EPA Method 8270
Pentachloronitrobenzene	µg/L	50	100	EPA Method 8270
Pentachlorophenol	µg/L	0.5	1	Final DWS (CFR, 1991a)
pH	pH	8	10	Set by EPD/EMS
pH	pH	4	3	Set by EPD/EMS
Phenacetin	µg/L	50	100	EPA Method 8270
Phenanthrene	µg/L	50	100	EPA Method 8270
Phenol	µg/L	50	100	EPA Method 8270
Phenols	µg/L	25	50	EPA Method 420.2
p-Phenylenediamine	µg/L	50	100	EPA Method 8270
Phorate	µg/L	2.5	5	EPA Method 8080
2-Picoline	µg/L	50	100	EPA Method 8270
Plutonium-238	pCi/L	3.51E+00	7.02E+00	Proposed DWS (EPA, 1991)
Plutonium-239	pCi/L	3.11E+01	6.21E+01	Proposed DWS (EPA, 1991)
Plutonium-239/240[a]	pCi/L	3.11E+01	6.21E+01	Proposed DWS (EPA, 1991)
Plutonium-240	pCi/L	3.11E+01	6.22E+01	Proposed DWS (EPA, 1991)
Plutonium-241	pCi/L	3.13E+01	6.26E+01	Proposed DWS (EPA, 1991)
Plutonium-242	pCi/L	3.27E+01	6.54E+01	Proposed DWS (EPA, 1991)
Potassium		No flag	No flag	Set by EPD/EMS
Potassium-40	pCi/L	1.5E+02	3E+02	Proposed DWS (EPA, 1986)
Pronamid	µg/L	50	100	EPA Method 8270
Propionitrile	µg/L	1,000	2,000	EPA Method 8240

Analyte	Unit	Flag 1	Flag 2	Source
Pyrene	µg/L	50	100	EPA Method 8270
Pyridine	µg/L	50	100	EPA Method 8270
Radium-226	pCi/L	7.85E+00	1.57E+01	Proposed DWS (EPA, 1991)
Radium-228	pCi/L	3.93E+00	7.85E+00	Proposed DWS (EPA, 1991)
Radon-222	pCi/L	1.5E+02	3E+02	Proposed DWS (EPA, 1991)
Ruthenium-103	pCi/L	1E+02	2E+02	Final DWS (EPA, 1977)
Ruthenium-106	pCi/L	1.5E+01	3E+01	Final DWS (EPA, 1977)
Safrole	µg/L	50	100	EPA Method 8270
Selenium	µg/L	25	50	Final DWS (CFR, 1991a)
Silica		No flag	No flag	Set by EPD/EMS
Silver	µg/L	25	50	Final DWS (CFR, 1991a)
Sodium		No flag	No flag	Set by EPD/EMS
Sodium-22	pCi/L	2.33E+02	4.66E+02	Proposed DWS (EPA, 1991)
Specific conductance	µS/cm	250	500	Set by EPD/EMS
Strontium-89	pCi/L	1E+01	2E+01	Final DWS (EPA, 1977)
Strontium-89/90[a]	pCi/L	4E+00	8E+00	Final DWS (CFR, 1991a)
Strontium-90	pCi/L	4E+00	8E+00	Final DWS (CFR, 1991a)
Styrene	µg/L	50	100	Final DWS (CFR, 1991a)
Sulfate	µg/L	200,000	400,000	Proposed DWS (EPA, 1990)
Sulfide	µg/L	5,000	10,000	EPA Method 9030
Sulfotepp	µg/L	50	100	EPA Method 8270
Surfactants		No flag	No flag	Set by EPD/EMS
2,3,7,8-TCDD	µg/L	0.00225	0.0045	EPA Method 8280
2,3,7,8-TCDF	µg/L	0.002	0.004	EPA Method 8280
Technetium-99	pCi/L	4.5E+02	9E+02	Final DWS (EPA, 1977)
1,2,4,5-Tetrachlorobenzene	µg/L	50	100	EPA Method 8270
Tetrachlorodibenzo-p-dioxin isomers	µg/L	0.00225	0.0045	EPA Method 8280
Tetrachlorodibenzo-p-furan isomers	µg/L	0.002	0.004	EPA Method 8280
1,1,1,2-Tetrachloroethane	µg/L	5	10	EPA Method 8240
1,1,2,2-Tetrachloroethane	µg/L	5	10	EPA Method 8240
Tetrachloroethylene	µg/L	2.5	5	Final DWS (CFR, 1991a)
2,3,4,6-Tetrachlorophenol	µg/L	50	100	EPA Method 8270
Tetraethyl dithiopyrophosphate	µg/L	50	100	EPA Method 8270
Thallium	µg/L	0.5	1	Proposed DWS (EPA, 1990)
Thionazin	µg/L	50	100	EPA Method 8270
Thorium-228	pCi/L	6.25E+01	1.25E+02	Proposed DWS (EPA, 1991)
Thorium-230	pCi/L	3.96E+01	7.92E+01	Proposed DWS (EPA, 1991)
Thorium-232	pCi/L	4.4E+01	8.8E+01	Proposed DWS (EPA, 1991)
Thorium-234	pCi/L	2E+02	4.01E+02	Proposed DWS (EPA, 1991)
Tin	µg/L	10	20	EPA Method 282.2
Tin-113	pCi/L	1.5E+02	3E+02	Final DWS (EPA, 1977)
Toluene	µg/L	500	1,000	Final DWS (CFR, 1991a)
o-Toluidine	µg/L	50	100	EPA Method 8270
Total carbon	µg/L	5,000	10,000	EPA Method 9060
Total dissolved solids		No flag	No flag	Set by EPD/EMS
Total hydrocarbons	µg/L	5,000	10,000	EPA Method 418.1
Total inorganic carbon	µg/L	5,000	10,000	EPA Method 9060
Total organic carbon	µg/L	5,000	10,000	EPA Method 9060
Total organic halogens	µg/L	25	50	EPA Method 9020
Total organic nitrogen	µg/L	500	1,000	EPA Method 420
Total petroleum hydrocarbons	µg/L	5,000	10,000	EPA Method 418.1
Total phosphates (as P)		No flag	No flag	Set by EPD/EMS
Total phosphorus		No flag	No flag	Set by EPD/EMS
Total radium	pCi/L	2.5E+00	5E+00	Final DWS (CFR, 1991a)

Analyte	Unit	Flag 1	Flag 2	Source
Total silica	µg/L	500	1,000	EPA Method 6010
Total trihalomethanes	µg/L	50	100	Final DWS (CFR, 1991a)
Toxaphene	µg/L	1.5	3	Final DWS (CFR, 1991a)
2,4,5-TP (Silvex)	µg/L	25	50	Final DWS (CFR, 1991a)
Tributyl phosphate	µg/L	50	100	EPA Method 8270
1,2,4-Trichlorobenzene	µg/L	4.5	9	Proposed DWS (EPA, 1990)
1,1,1-Trichloroethane	µg/L	100	200	Final DWS (CFR, 1991a)
1,1,2-Trichloroethane	µg/L	2.5	5	Proposed DWS (EPA, 1990)
Trichloroethylene	µg/L	2.5	5	Final DWS (CFR, 1991a)
Trichlorofluoromethane	µg/L	5	10	EPA Method 8240
2,4,5-Trichlorophenol	µg/L	50	100	EPA Method 8270
2,4,6-Trichlorophenol	µg/L	50	100	EPA Method 8270
2,4,5-Trichlorophenoxyacetic acid	µg/L	2.5	5	EPA Method 8150
1,2,3-Trichloropropane	µg/L	5	10	EPA Method 8240
O,O,O-Triethyl phosphorothioate	µg/L	50	100	EPA Method 8270
1,3,5-Trinitrobenzene	µg/L	50	100	EPA Method 8270
Tritium	pCi/mL	1E+01	2E+01	Final DWS (CFR, 1991a)
Turbidity		No flag	No flag	Set by EPD/EMS
Uranium	µg/L	10	20	Proposed DWS (EPA, 1991)
Uranium alpha activity	pCi/L	1.5E+01	3E+01	Proposed DWS (EPA, 1991)
Uranium-233/234[a]	pCi/L	6.9E-00	1.38E+01	Proposed DWS (EPA, 1991)
Uranium-234	pCi/L	6.95E+00	1.39E+01	Proposed DWS (EPA, 1991)
Uranium-235	pCi/L	7.25E+00	1.45E+01	Proposed DWS (EPA, 1991)
Uranium-238	pCi/L	7.3E+00	1.46E+01	Proposed DWS (EPA, 1991)
Vanadium	µg/L	50	100	EPA Method 6010
Vinyl acetate	µg/L	5	10	EPA Method 8240
Xylenes	µg/L	5,000	10,000	Final DWS (CFR, 1991a)
Zinc	µg/L	2,500	5,000	Secondary DWS (CFR, 1991b)
Zinc-65	pCi/L	1.5E+02	3E+02	Final DWS (EPA, 1977)
Zirconium-95	pCi/L	1E+02	2E+02	Final DWS (EPA, 1977)
Zirconium/Niobium-95[a]	pCi/L	1E+02	2E+02	Final DWS (EPA, 1977)

[a] For double radionuclide analyses where each separate radionuclide has its own standard, the more stringent standard is used.

References

APHA (American Public Health Association, American Water Works Association, and Water Pollution Control Federation), 1985. **Standard Methods for the Examination of Water and Wastewater,** 16th edition. Washington, DC.

CFR (Code of Federal Regulations), 1991a. *National Primary Drinking Water Regulations,* **40 CFR, Part 141,** pp. 578–715. Washington, DC.

CFR (Code of Federal Regulations), 1991b. *National Secondary Drinking Water Regulations,* **40 CFR, Part 143,** pp. 758–762. Washington, DC.

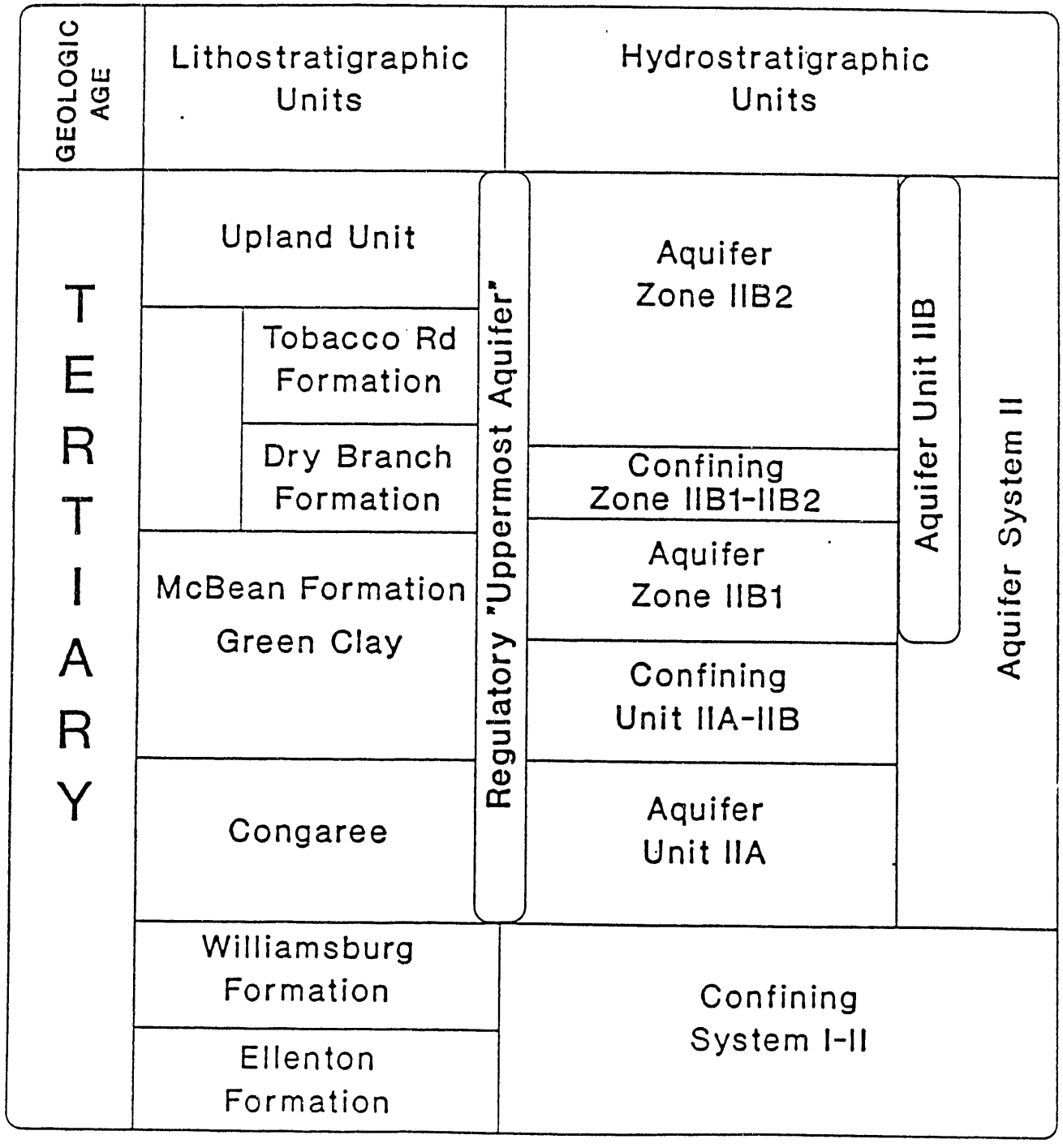
EPA (U.S. Environmental Protection Agency), 1977. **National Interim Primary Drinking Water Regulations,** EPA-570/9-76-003. Washington, DC.

EPA (U.S. Environmental Protection Agency), 1986. *Water Pollution Control; National Primary Drinking Water Regulations, Radionuclides (Proposed).* **Federal Register**, September 30, 1986, pp. 34836-34862. Washington, DC.

EPA (U.S. Environmental Protection Agency), 1990. *National Primary and Secondary Drinking Water Regulations; Synthetic Organic Chemicals and Inorganic Chemicals (Proposed Rule).* **Federal Register**, July 25, 1990, pp. 30369-30448. Washington, DC.

EPA (U.S. Environmental Protection Agency), 1991. *National Primary Drinking Water Regulations; Radionuclides; Proposed Rule.* **Federal Register**, July 18, 1991, pp. 33052-33127. Washington, DC.

Appendix C – Figures



Source: WSRC, 1990a, 1990b.

Figure 1. Site-Specific Hydrostratigraphic Nomenclature

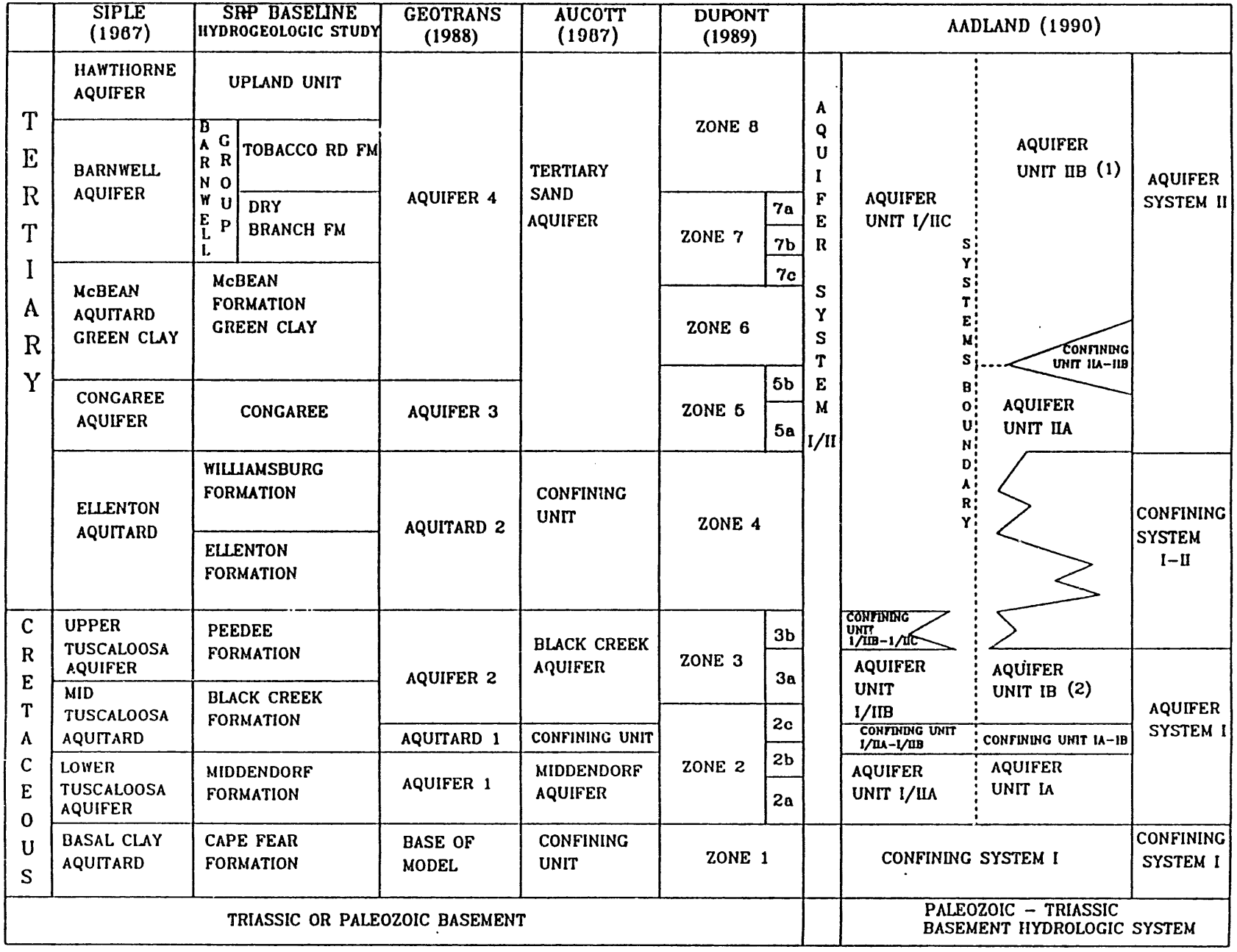


Figure 2. Regional Correlation of Hydrostratigraphic and Lithostratigraphic Nomenclature

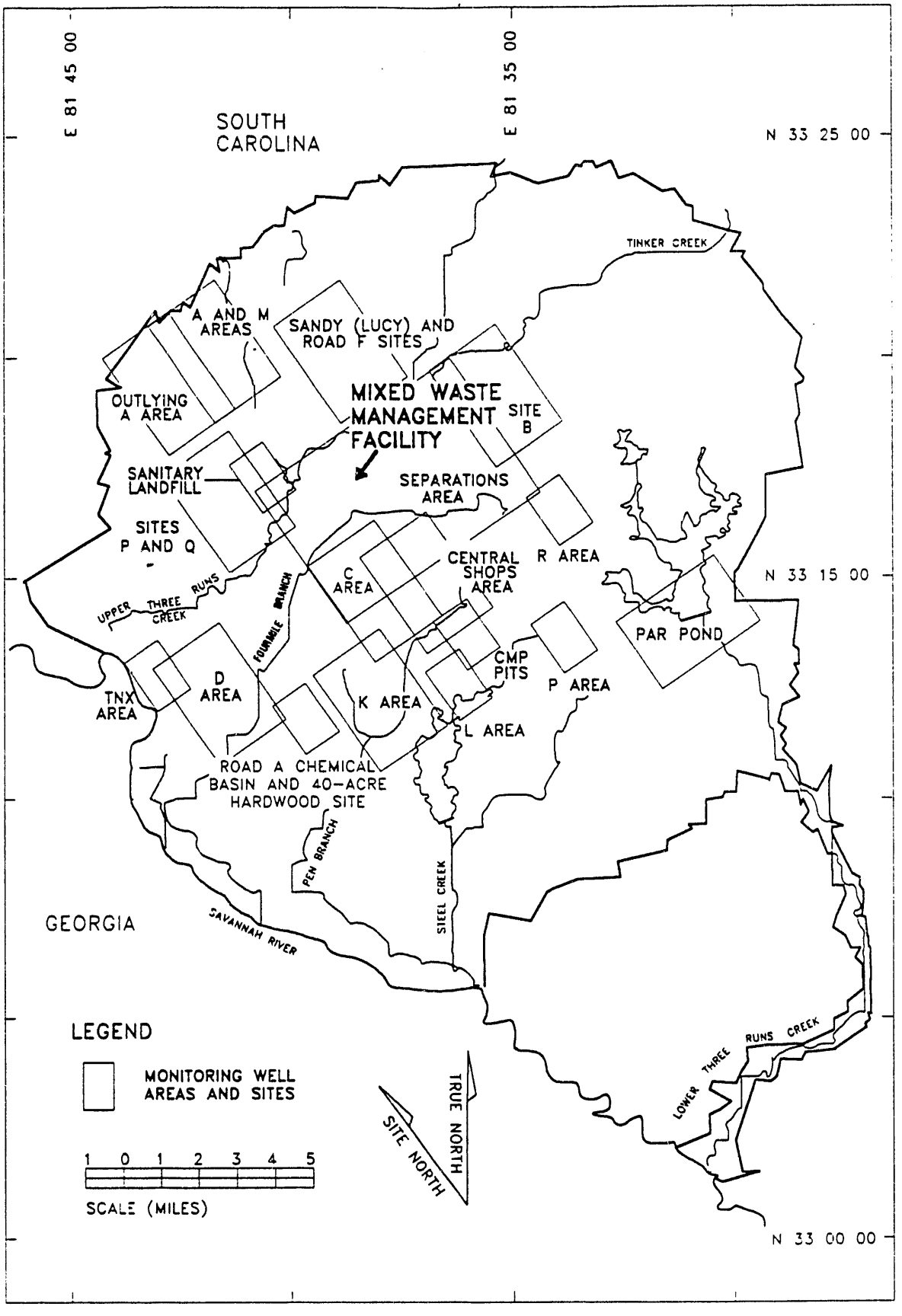


Figure 3. Location of the Mixed Waste Management Facility at the Savannah River Site

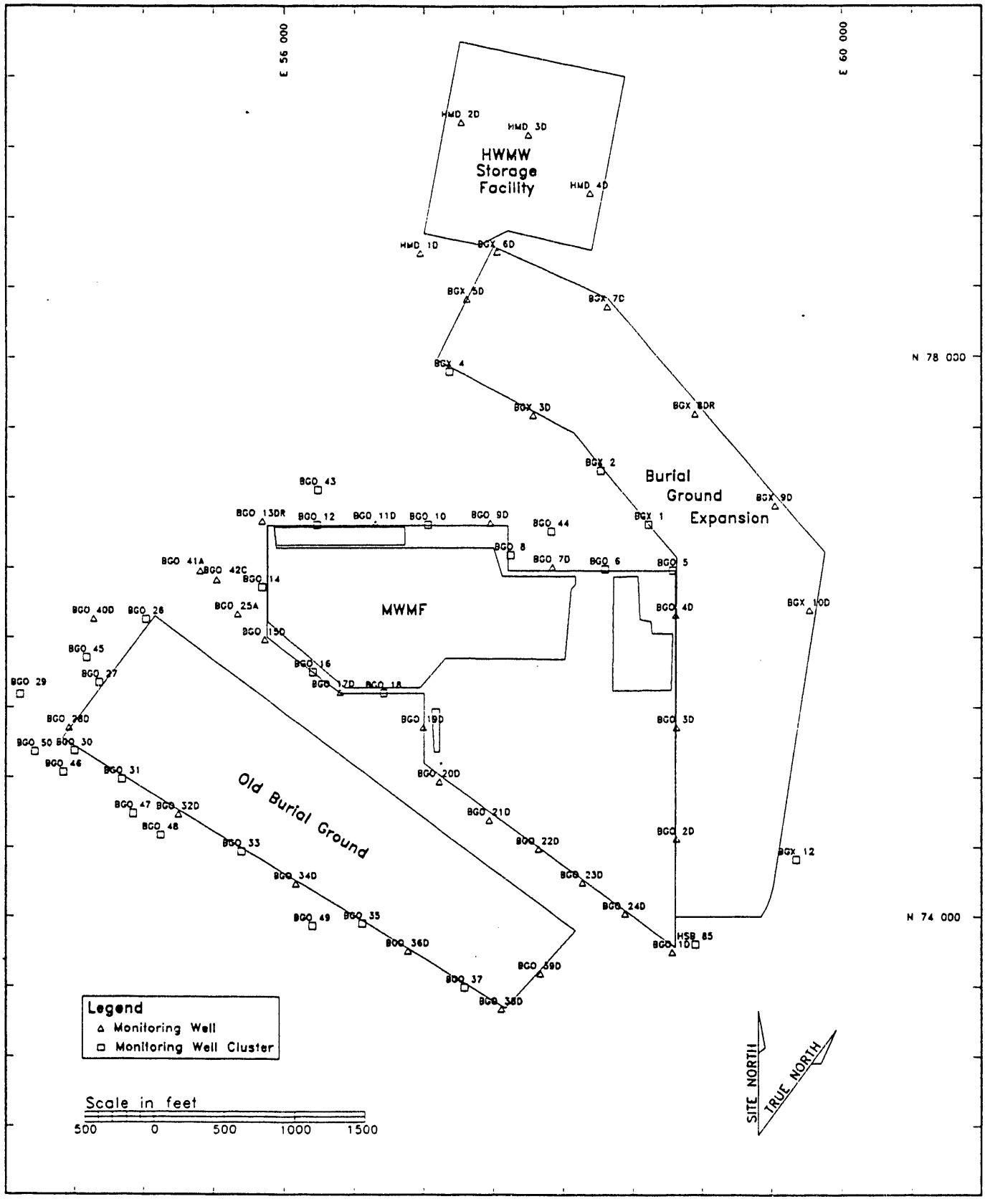


Figure 4. Location of Groundwater Monitoring Wells and Well Clusters at the Mixed Waste Management Facility, the Old Burial Ground, the Burial Ground Expansion, and the Hazardous Waste/Mixed Waste Disposal Facility (the Burial Ground Complex)

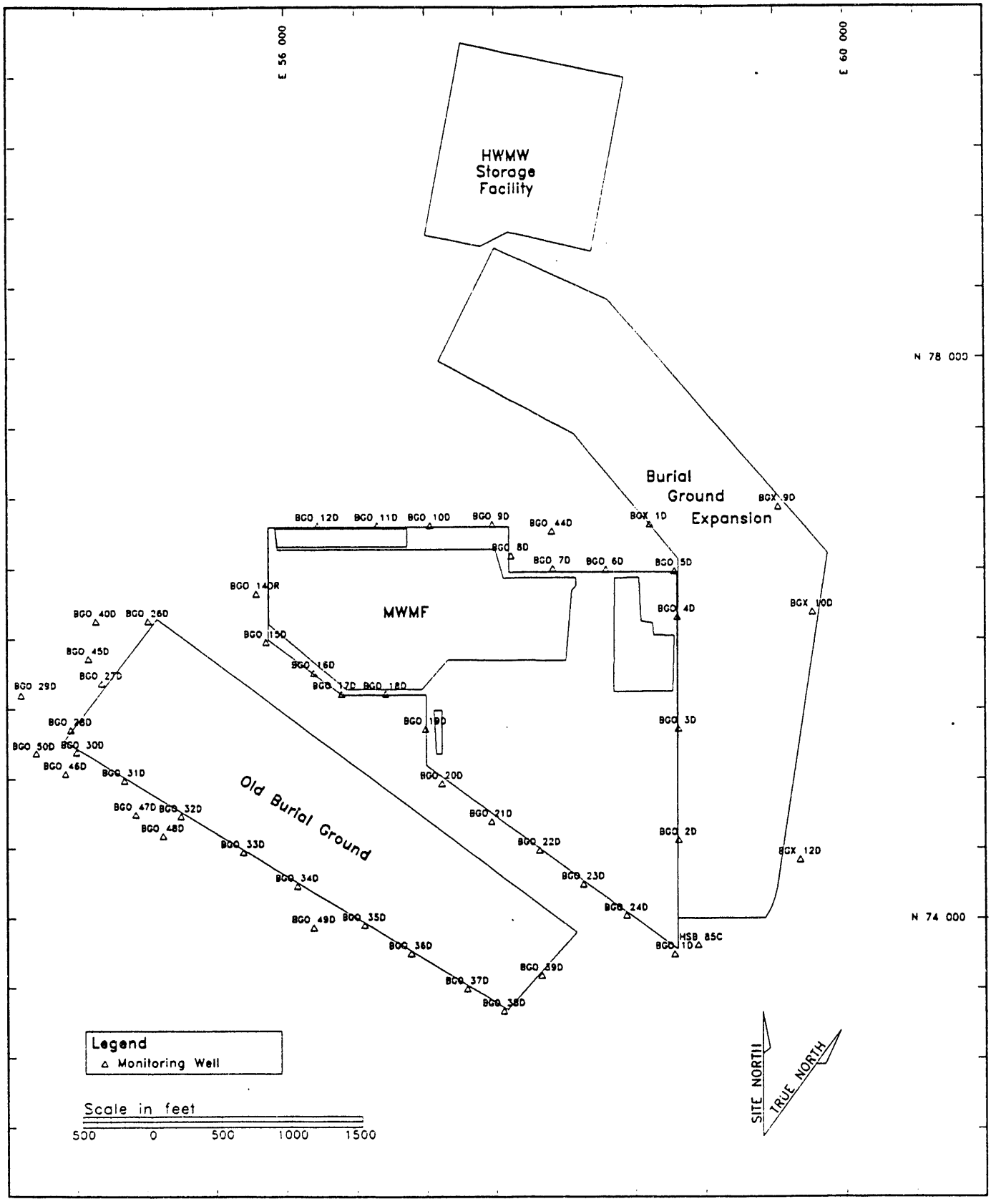


Figure 5. Location of Aquifer Zone $IIIB_2$ (Water Table) Wells at the Burial Ground Complex

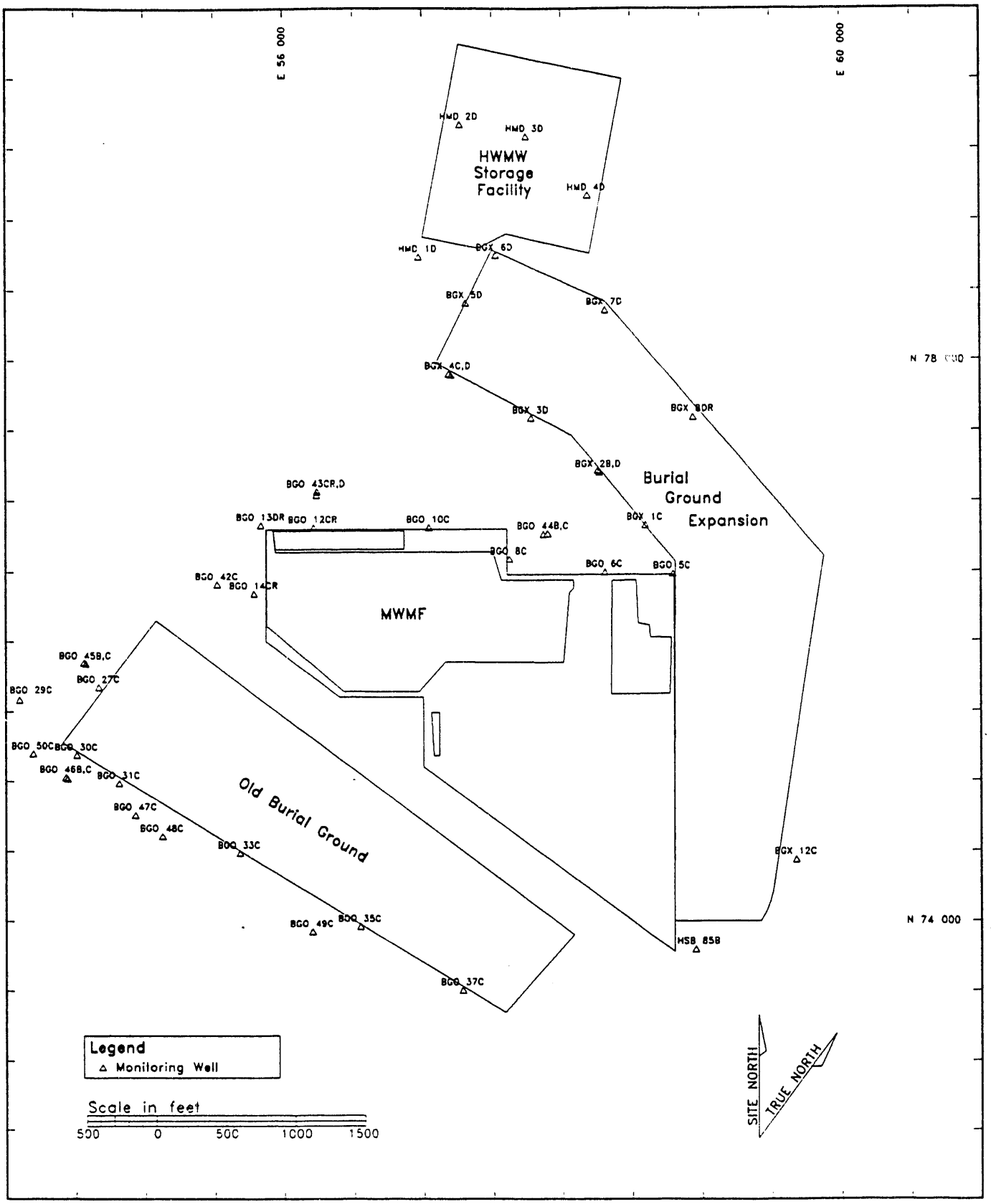


Figure 6. Location of Aquifer Zone IIB_1 (Barnwell/McBean) Wells at the Burial Ground Complex

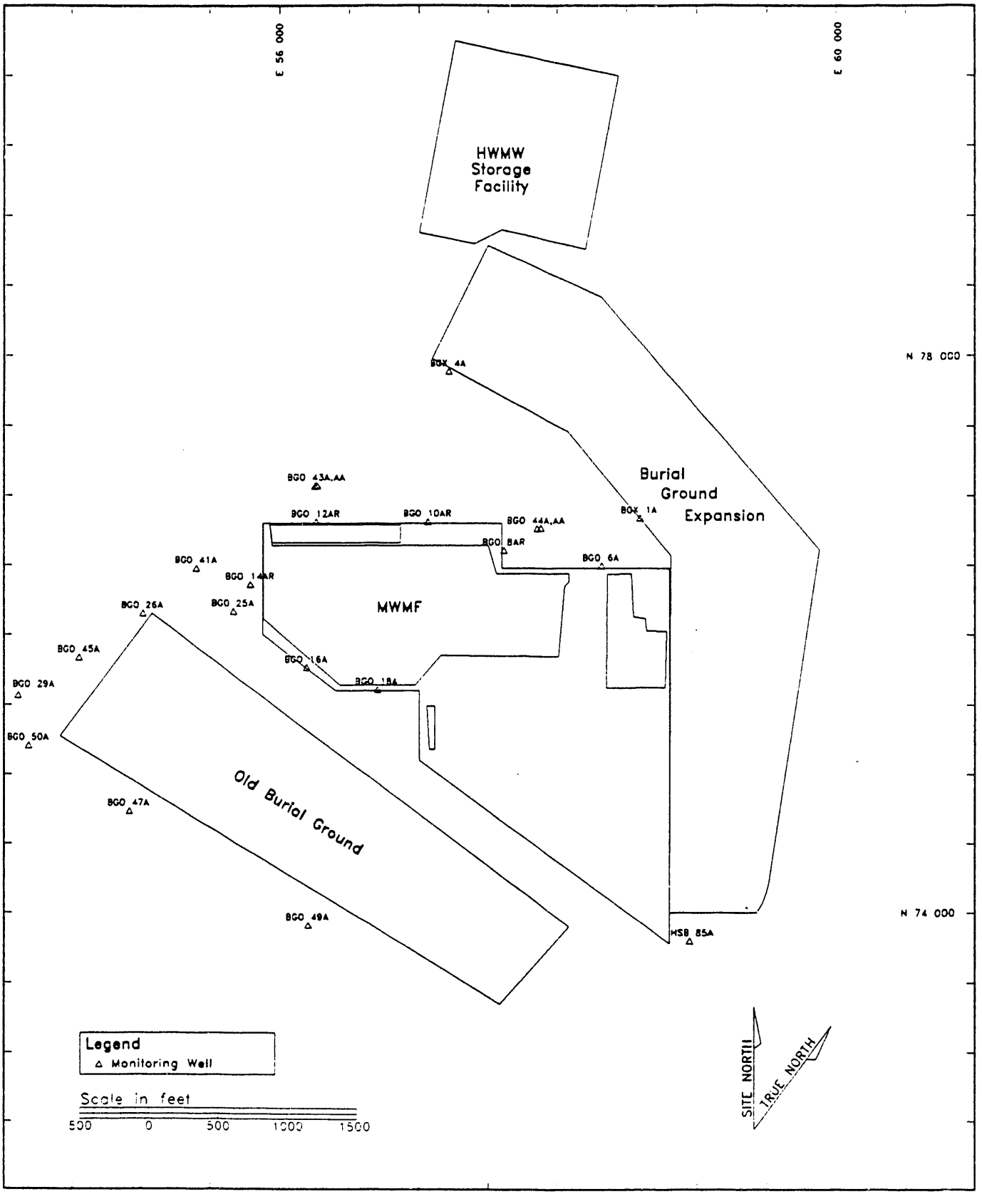


Figure 7. Location of Aquifer Unit IIA (Congaree) Wells at the Burial Ground Complex

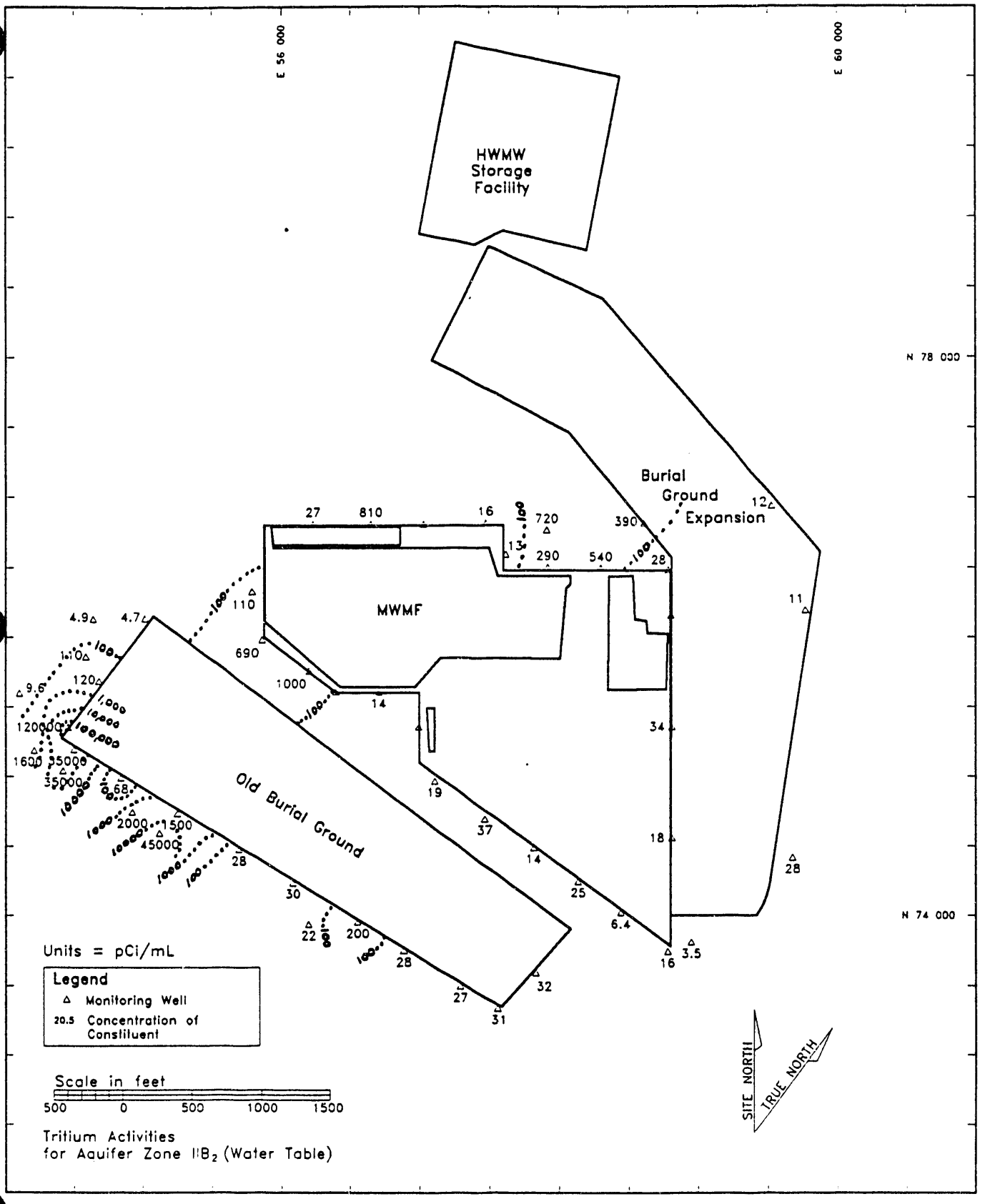


Figure 8. Tritium Activities in Aquifer Zone IIB_2 (Water Table) at the Burial Ground Complex, Second Quarter 1992

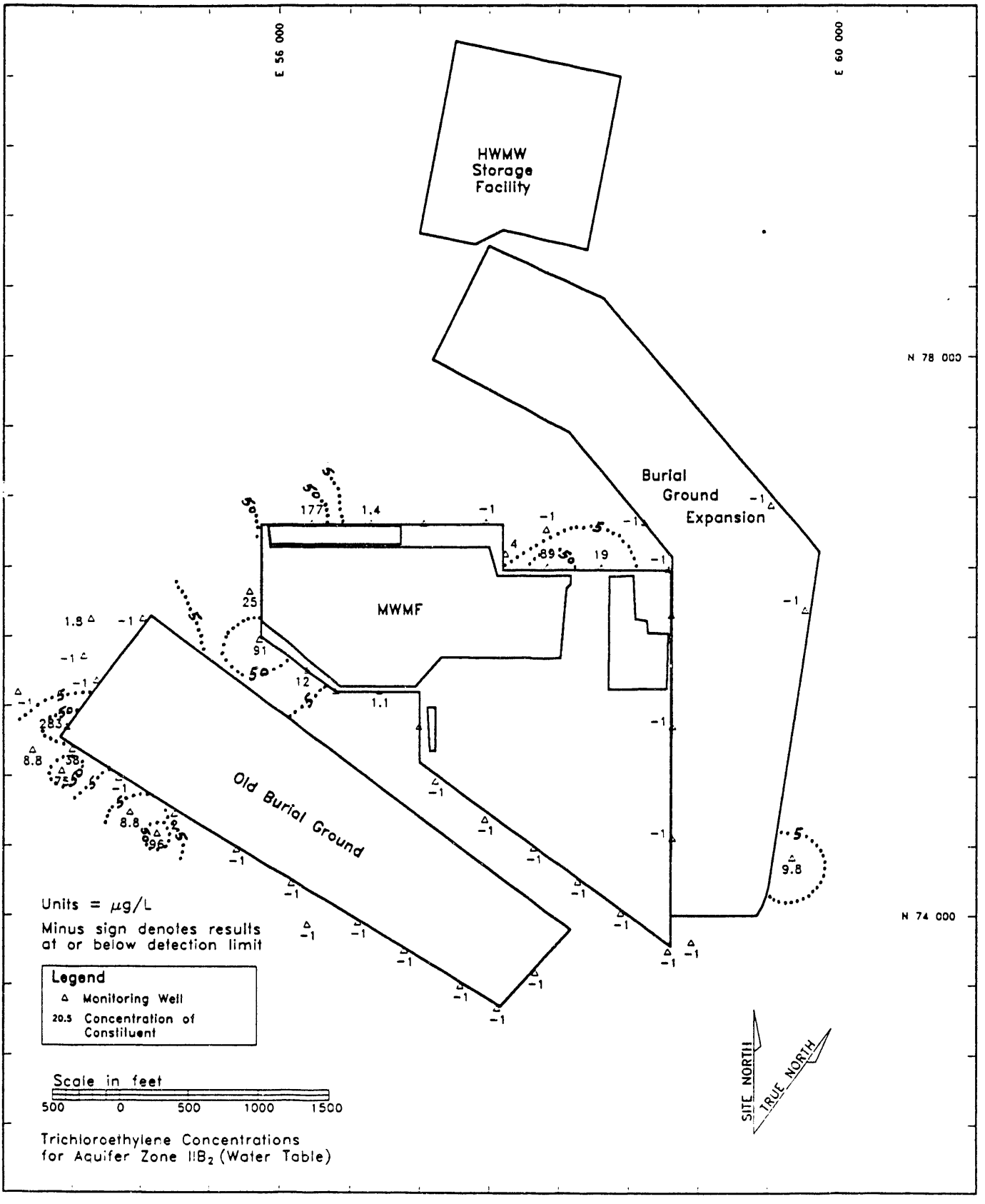


Figure 9. Trichloroethylene Concentrations in Aquifer Zone IIB_2 (Water Table) at the Burial Ground Complex, Second Quarter 1992

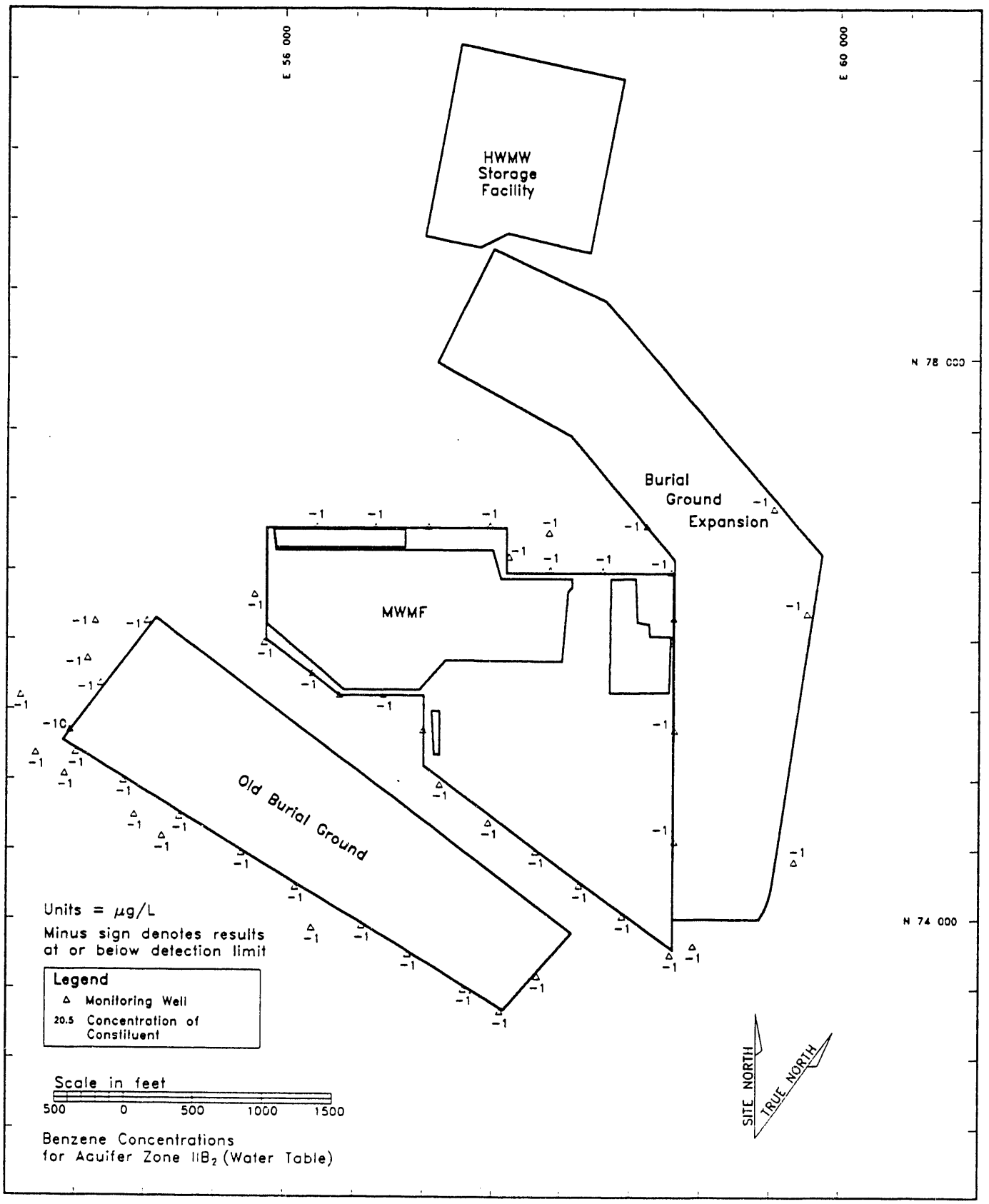


Figure 10. Benzene Concentrations in Aquifer Zone IIB_2 (Water Table) at the Burial Ground Complex, Second Quarter 1992

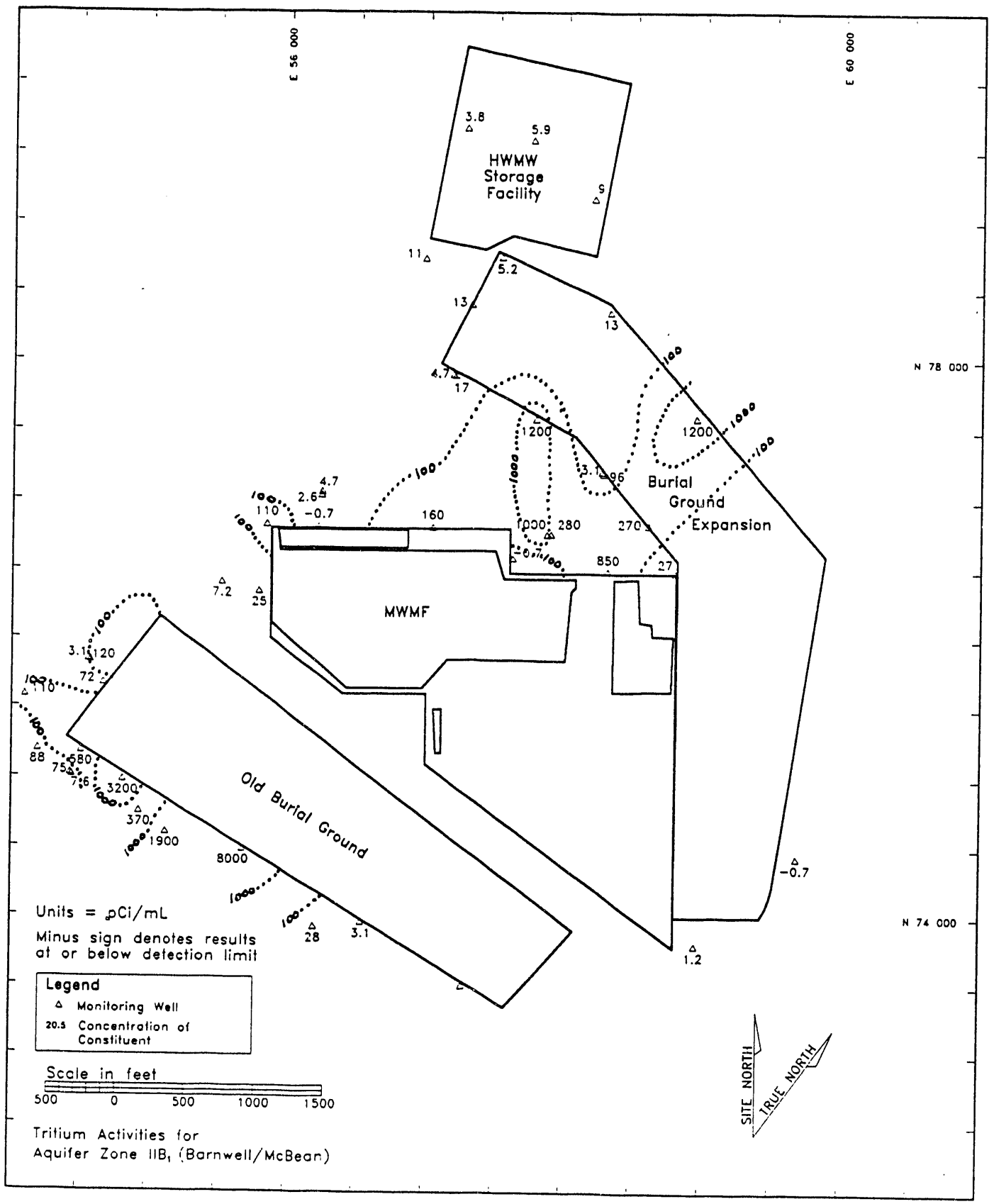


Figure 11. Tritium Activities in Aquifer Zone IIB_1 (Barnwell/McBean) at the Burial Ground Complex, Second Quarter 1992

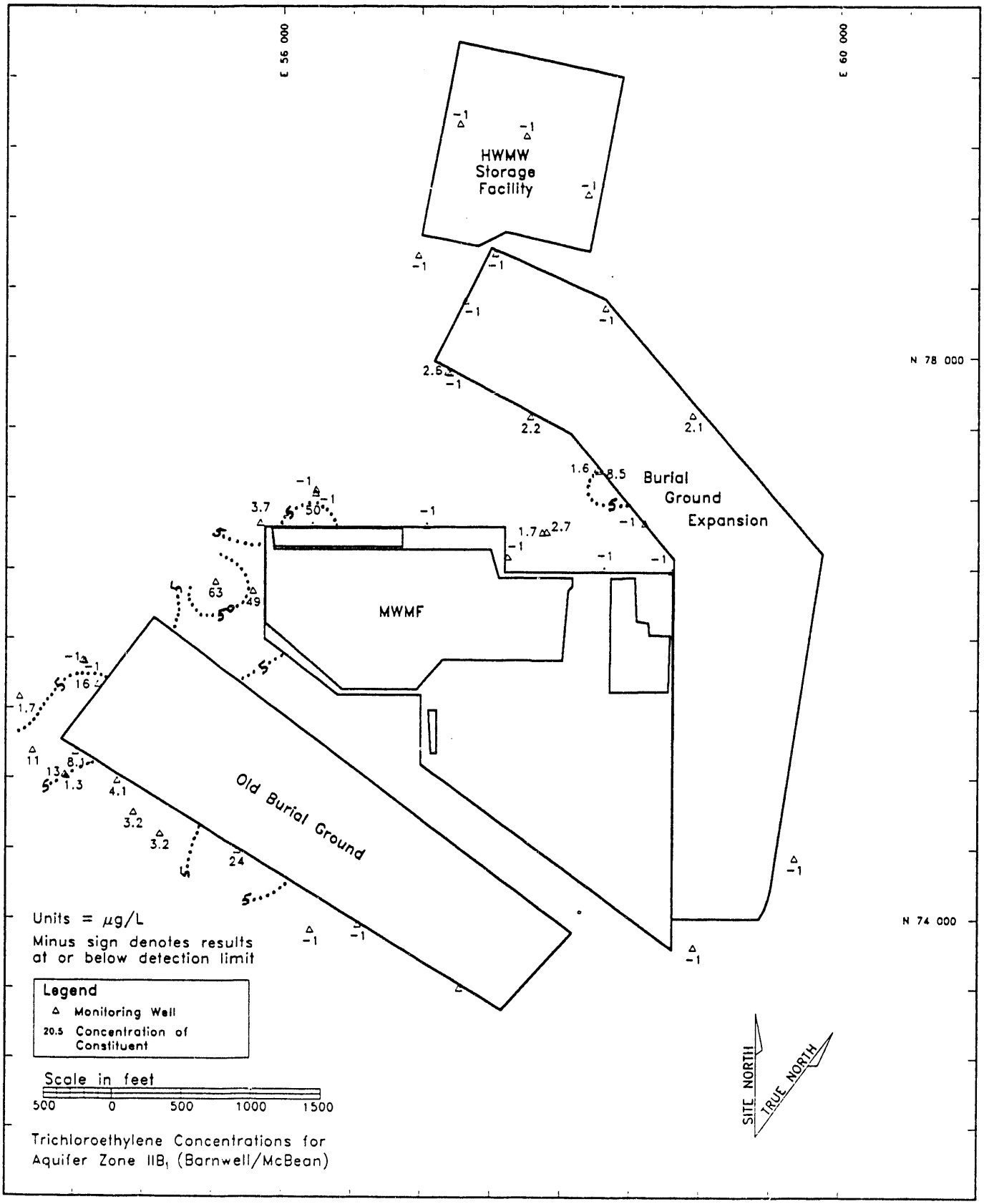


Figure 12. Trichloroethylene Concentrations in Aquifer Zone IIB_1 (Barnwell/McBean) at the Burial Ground Complex, Second Quarter 1992

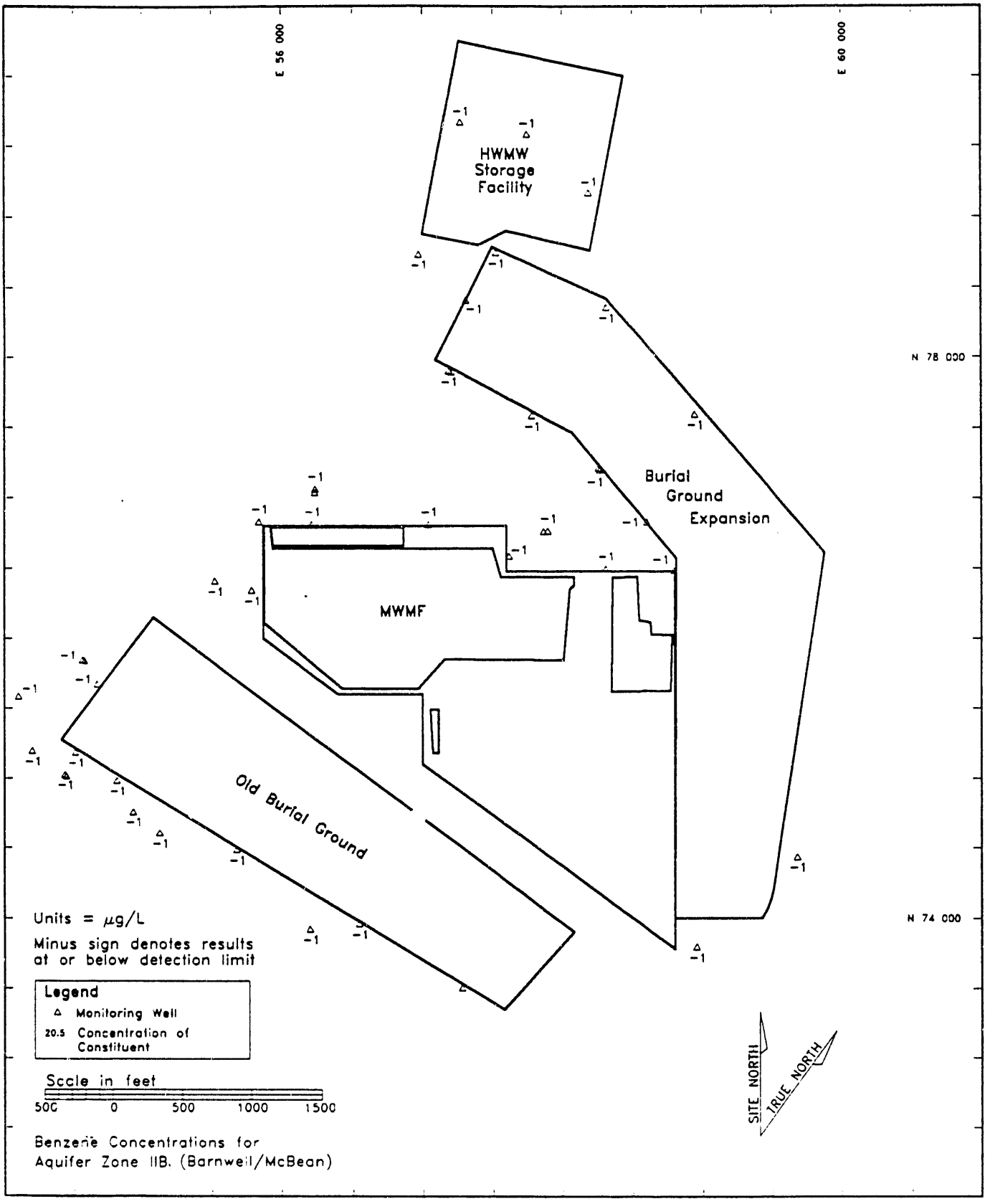


Figure 13. Benzene Concentrations in Aquifer Zone IIB_1 (Barnwell/McBean) at the Burial Ground Complex, Second Quarter 1992

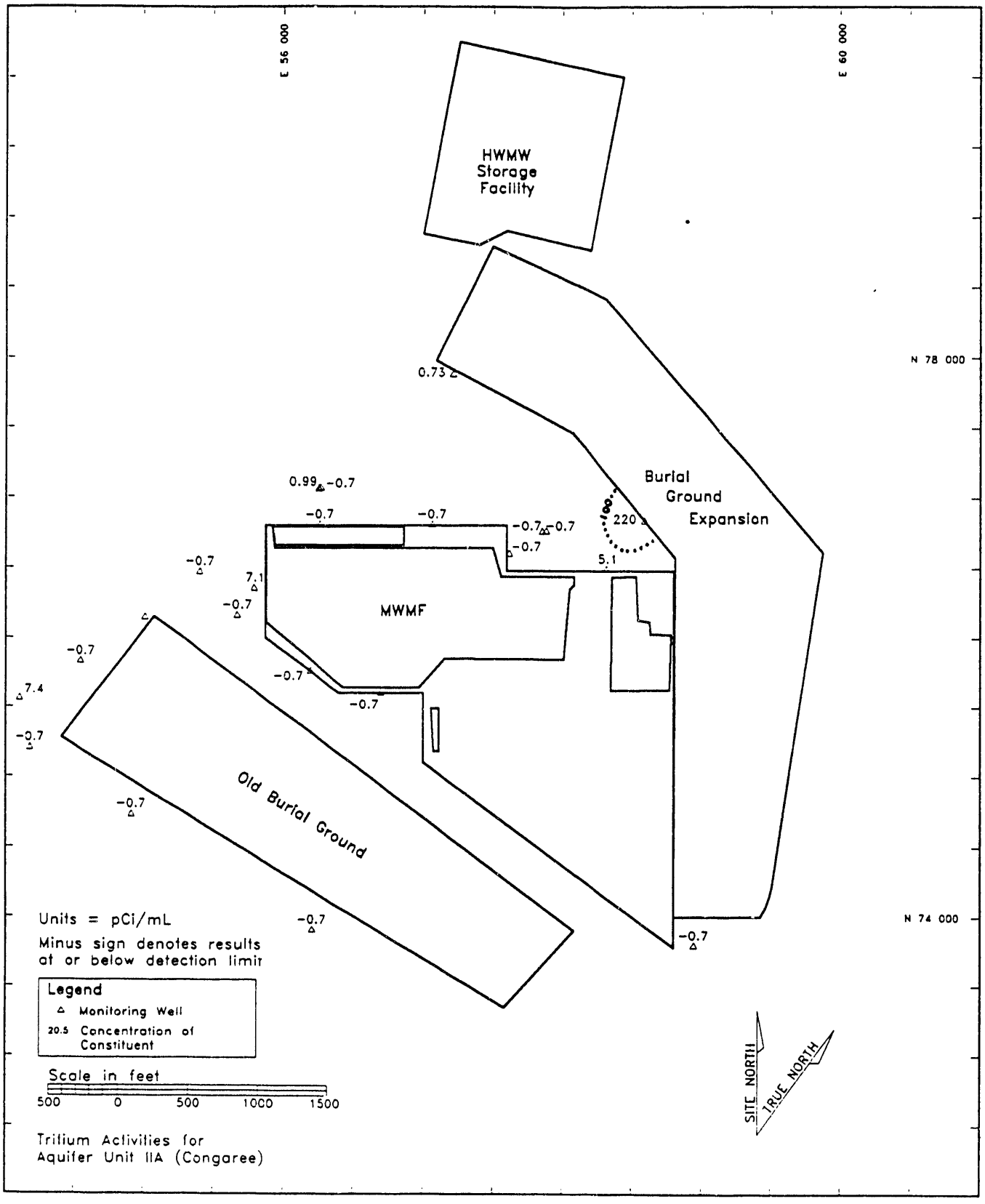


Figure 14. Tritium Activities in Aquifer Unit IIA (Congaree) at the Burial Ground Complex, Second Quarter 1992

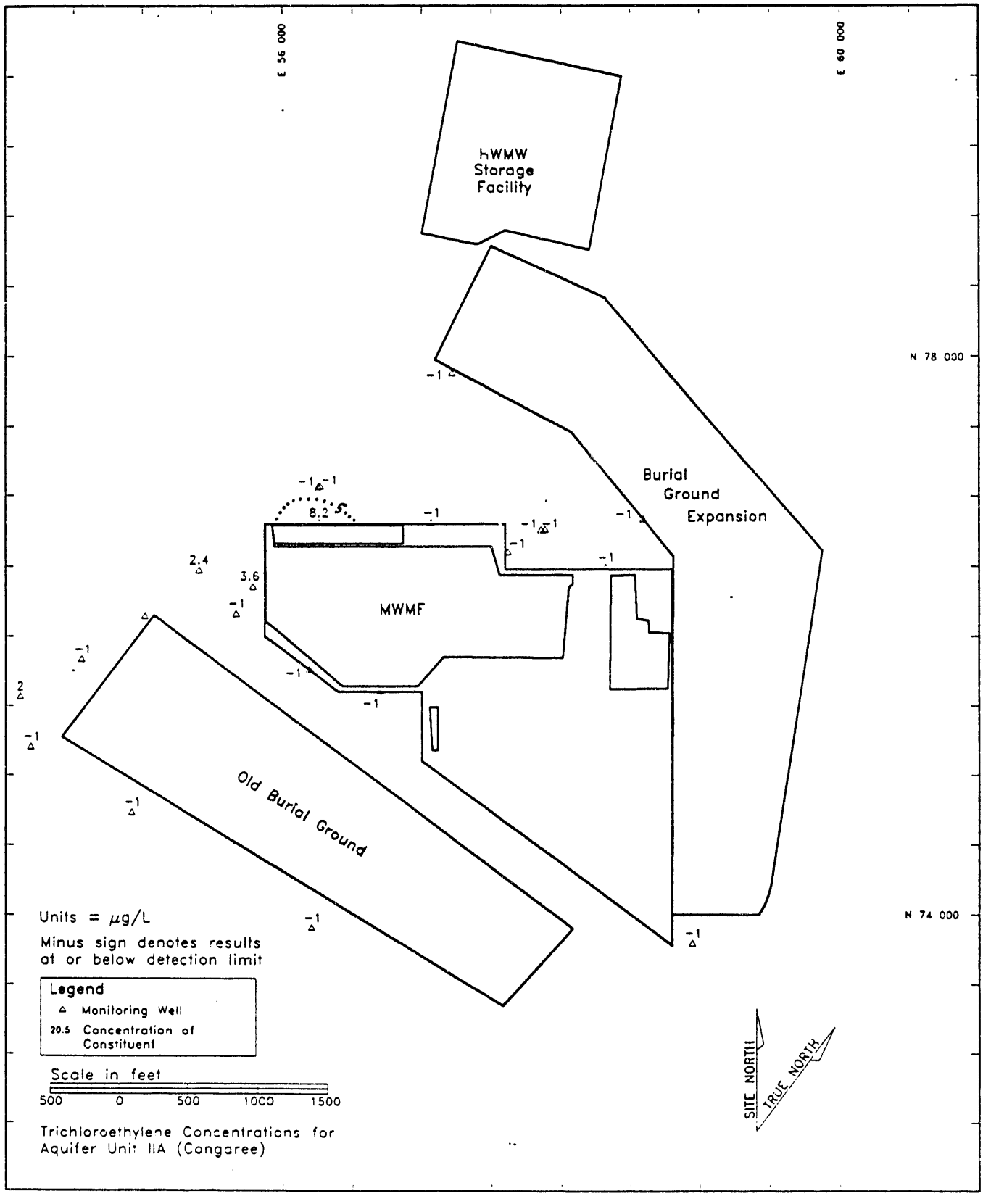


Figure 15. Trichloroethylene Concentrations in Aquifer Unit IIA (Congaree) at the Burial Ground Complex, Second Quarter 1992

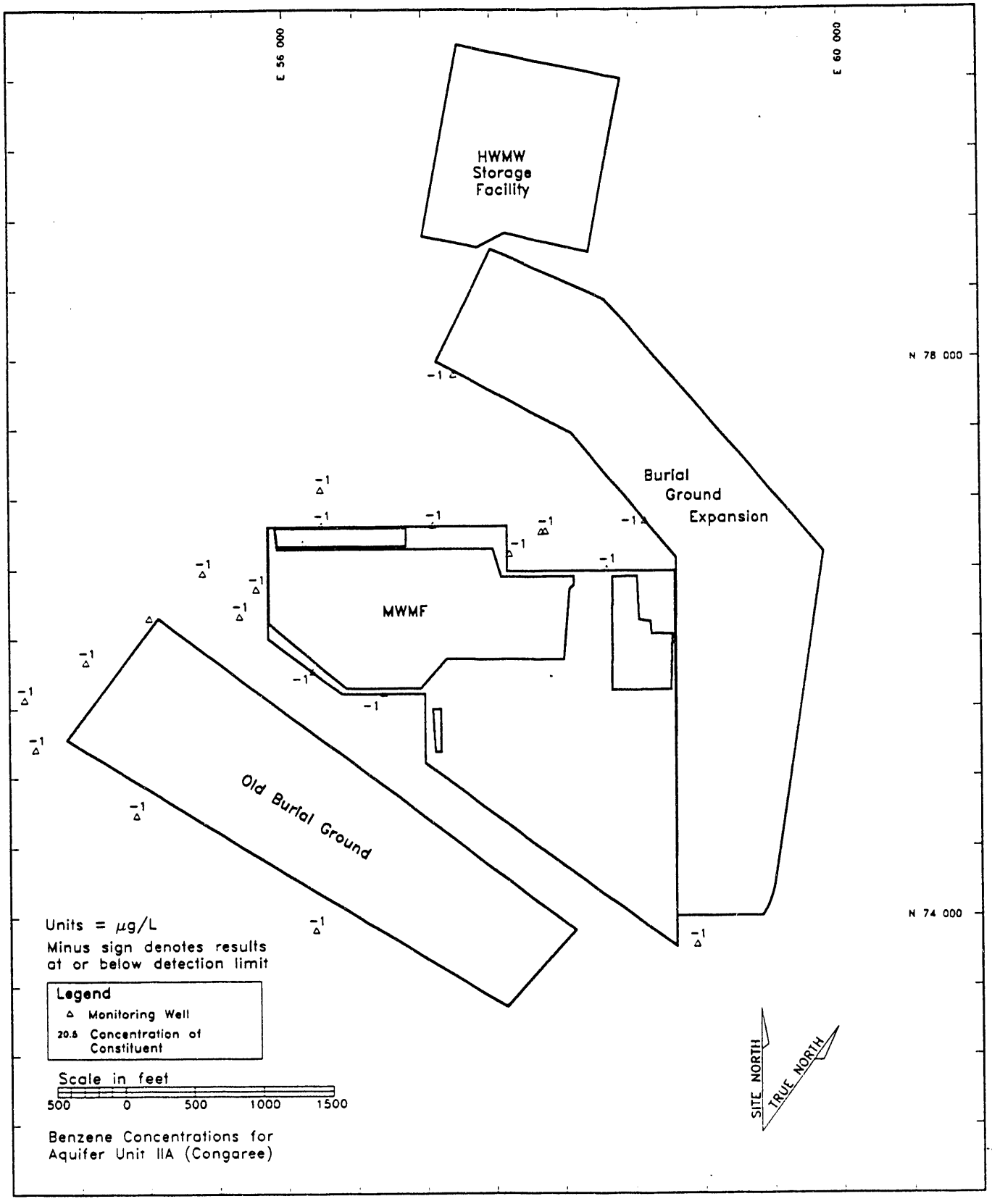


Figure 16. Benzene Concentrations in Aquifer Unit IIA (Congaree) at the Burial Ground Complex, Second Quarter 1992

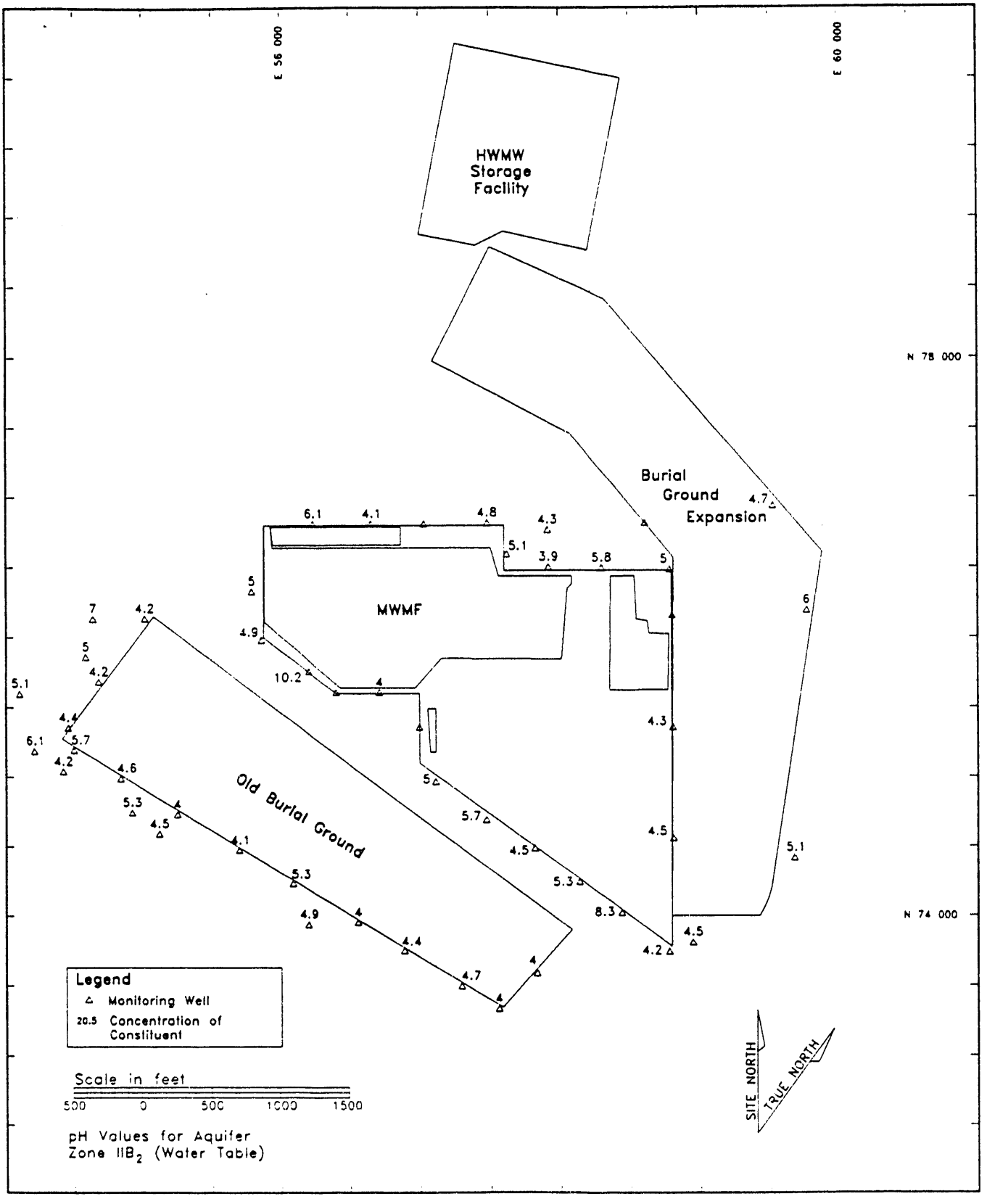


Figure 17. pH Values in Aquifer Zone IIB_2 (Water Table) at the Burial Ground Complex, Second Quarter 1992

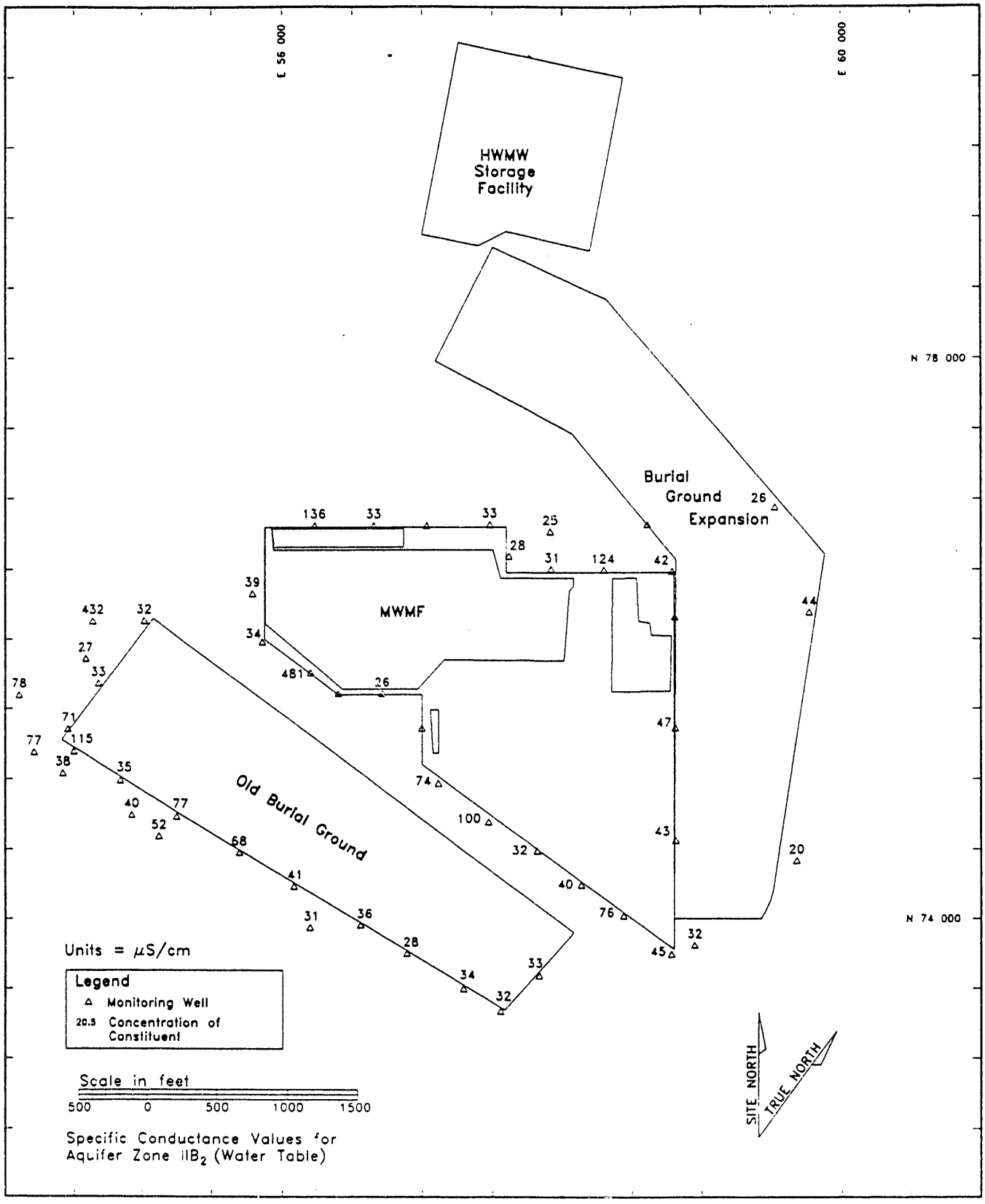


Figure 18. Specific Conductance in Aquifer Zone IIB_2 (Water Table) at the Burial Ground Complex, Second Quarter 1992

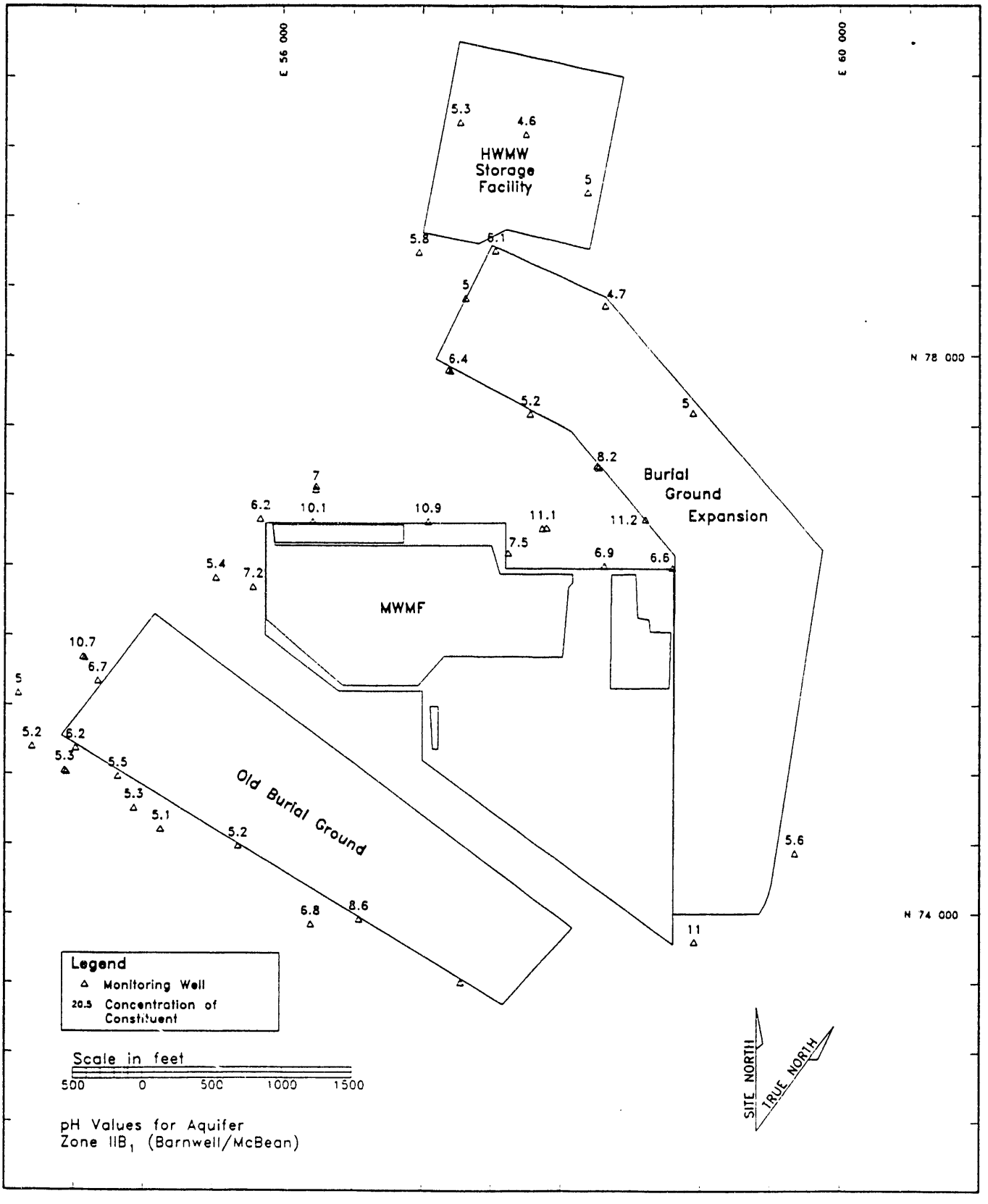


Figure 19. pH Values in Aquifer Zone IIB_1 (Barnwell/McBean) at the Burial Ground Complex, Second Quarter 1992

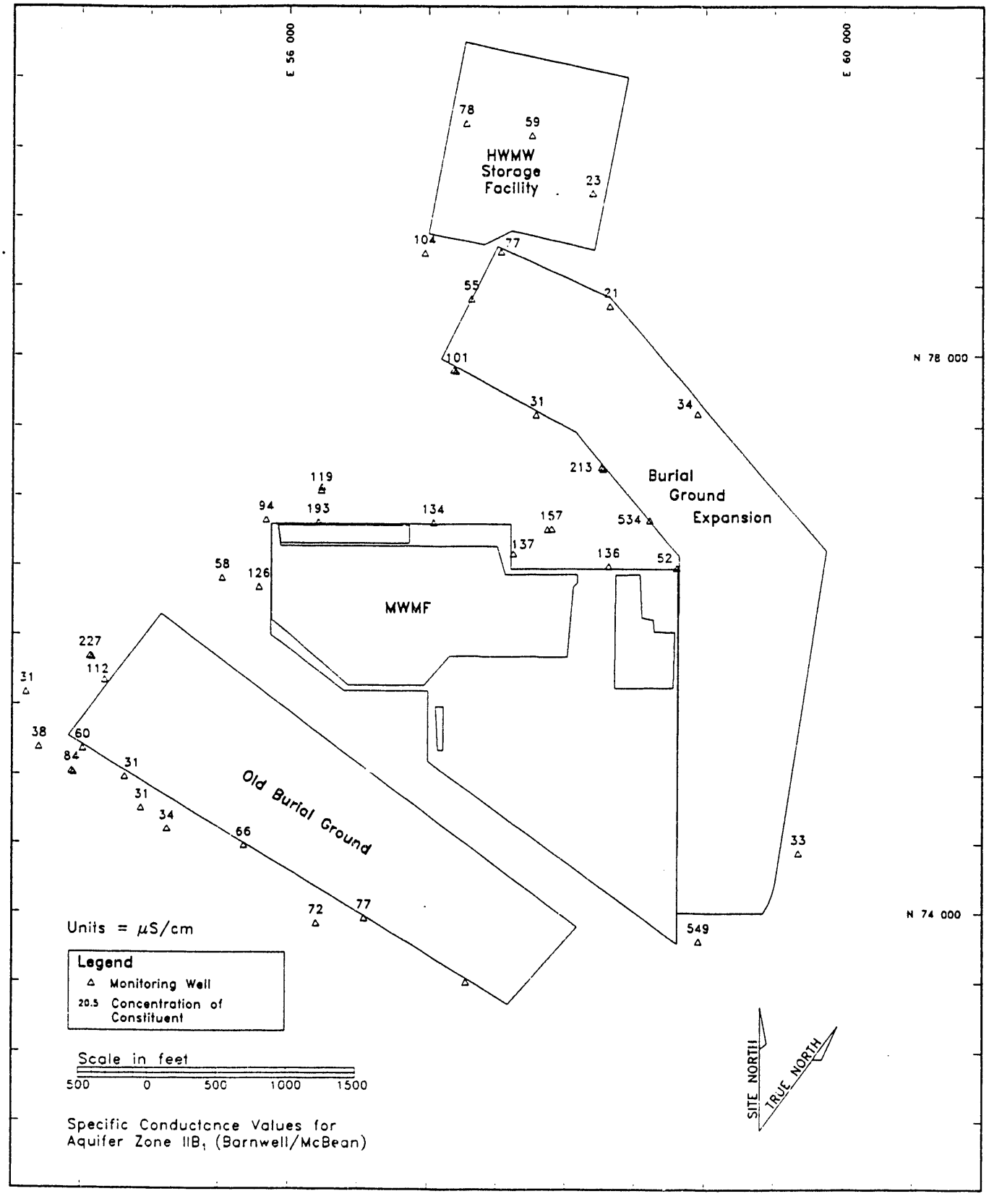


Figure 20. Specific Conductance in Aquifer Zone IIB_1 (Barnwell/McBean) at the Burial Ground Complex, Second Quarter 1992

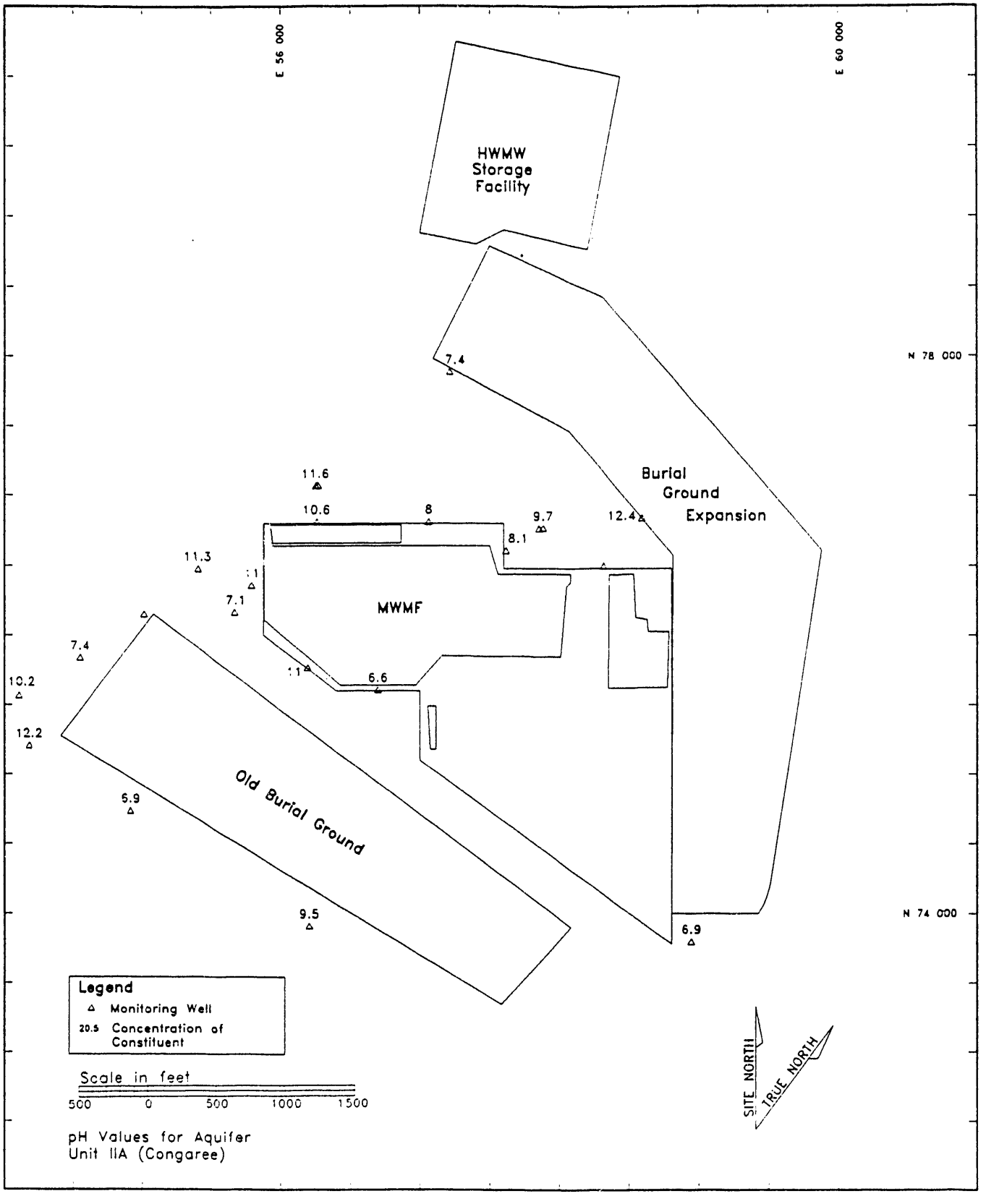


Figure 21. pH Values in Aquifer Unit IIA (Congaree) at the Burial Ground Complex, Second Quarter 1992

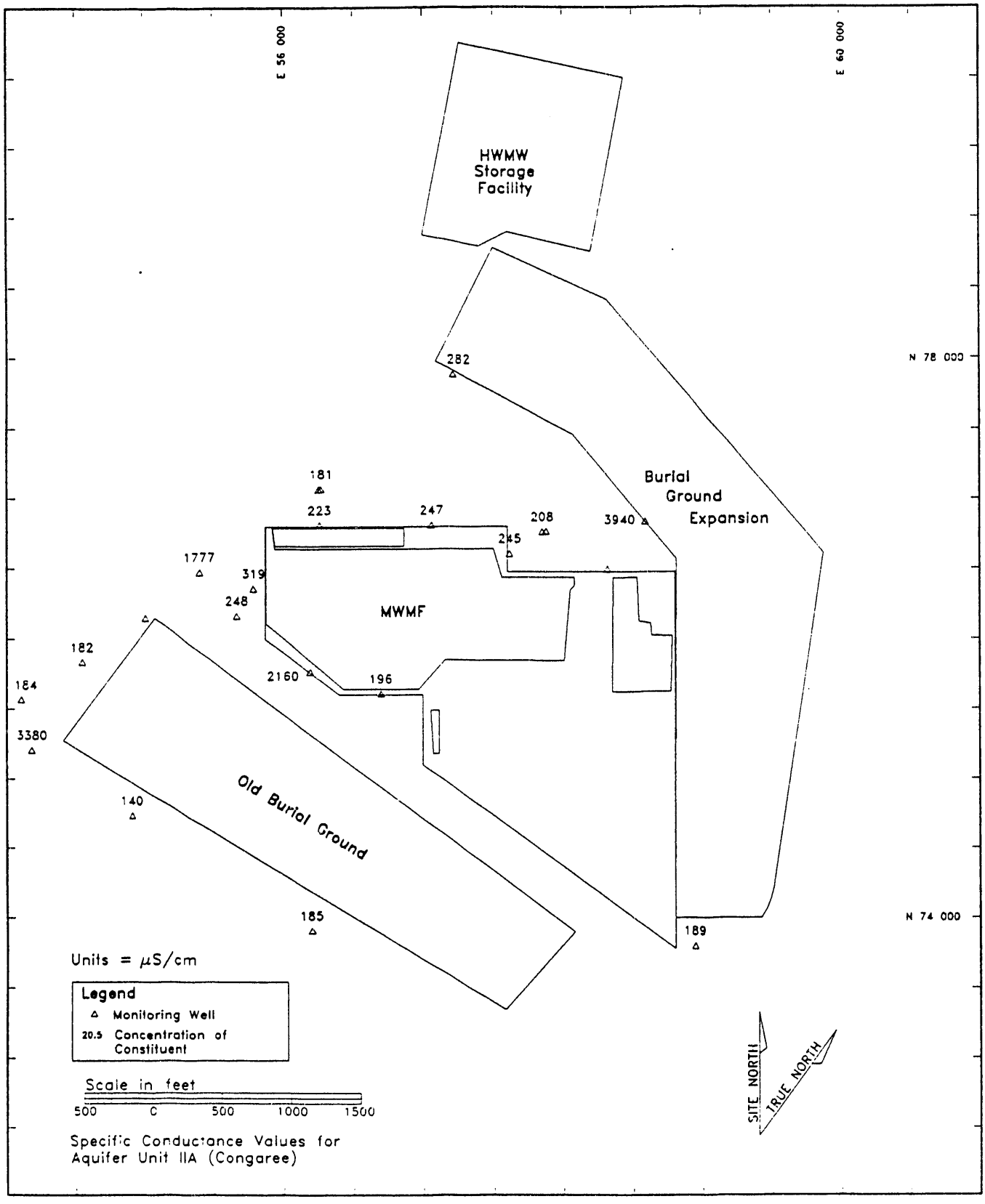


Figure 22. Specific Conductance in Aquifer Unit IIA (Congaree) at the Burial Ground Complex, Second Quarter 1992

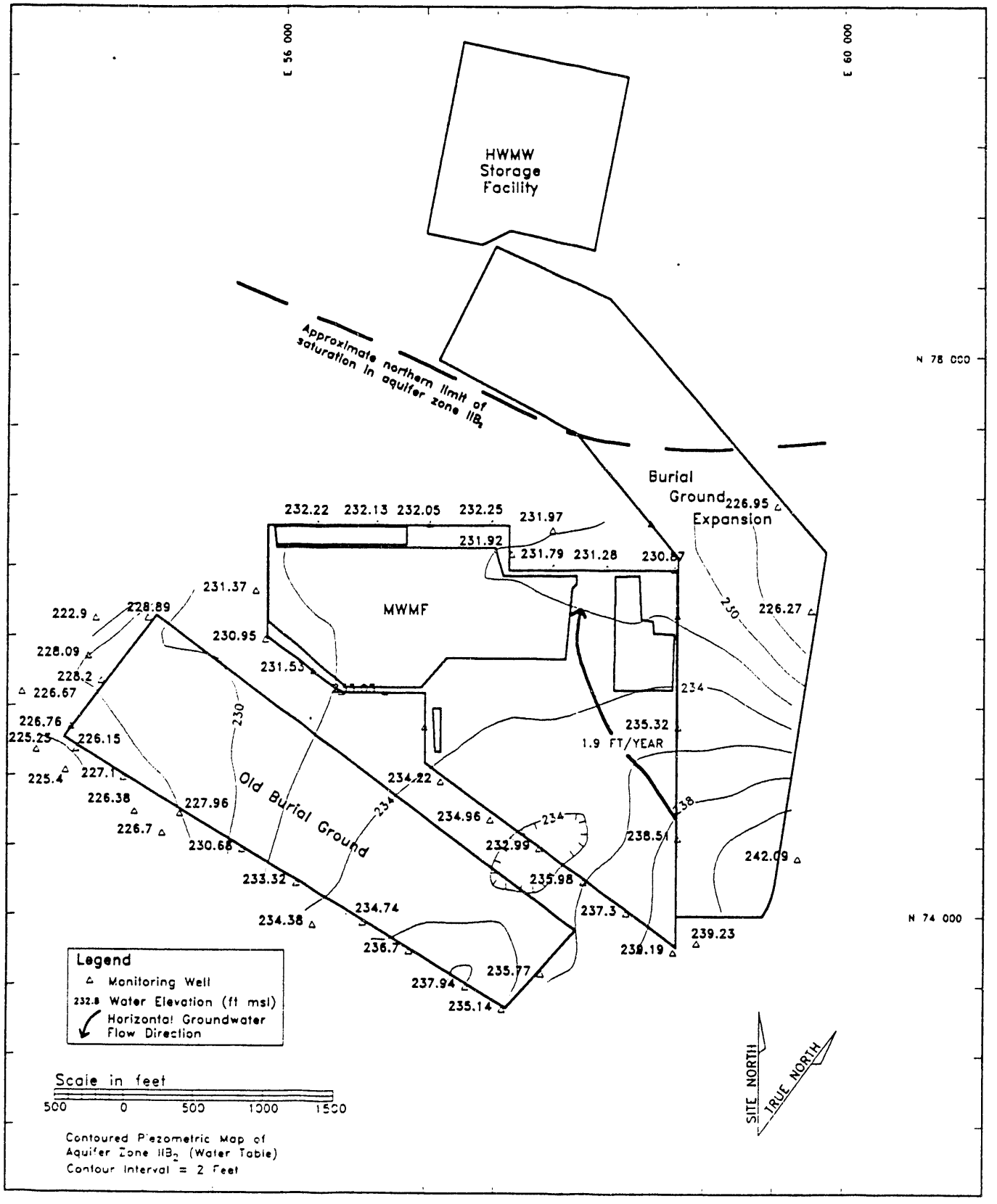


Figure 23. Piezometric Surface Map of Aquifer Zone IIB_2 (Water Table) at the Burial Ground Complex

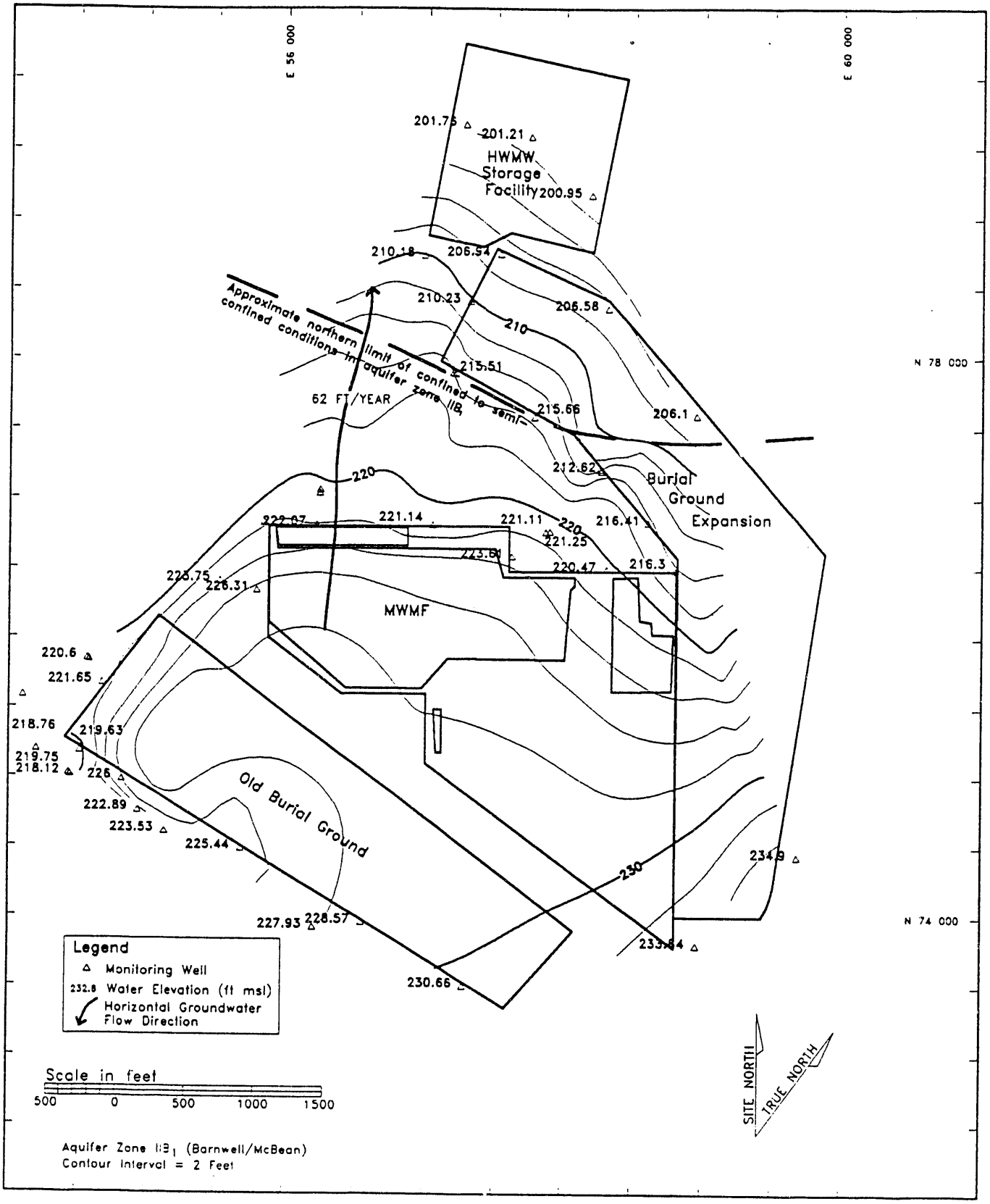


Figure 24. Potentiometric Surface Map of Aquifer Zone IIB_1 (Barnwell/McBean) at the Burial Ground Complex

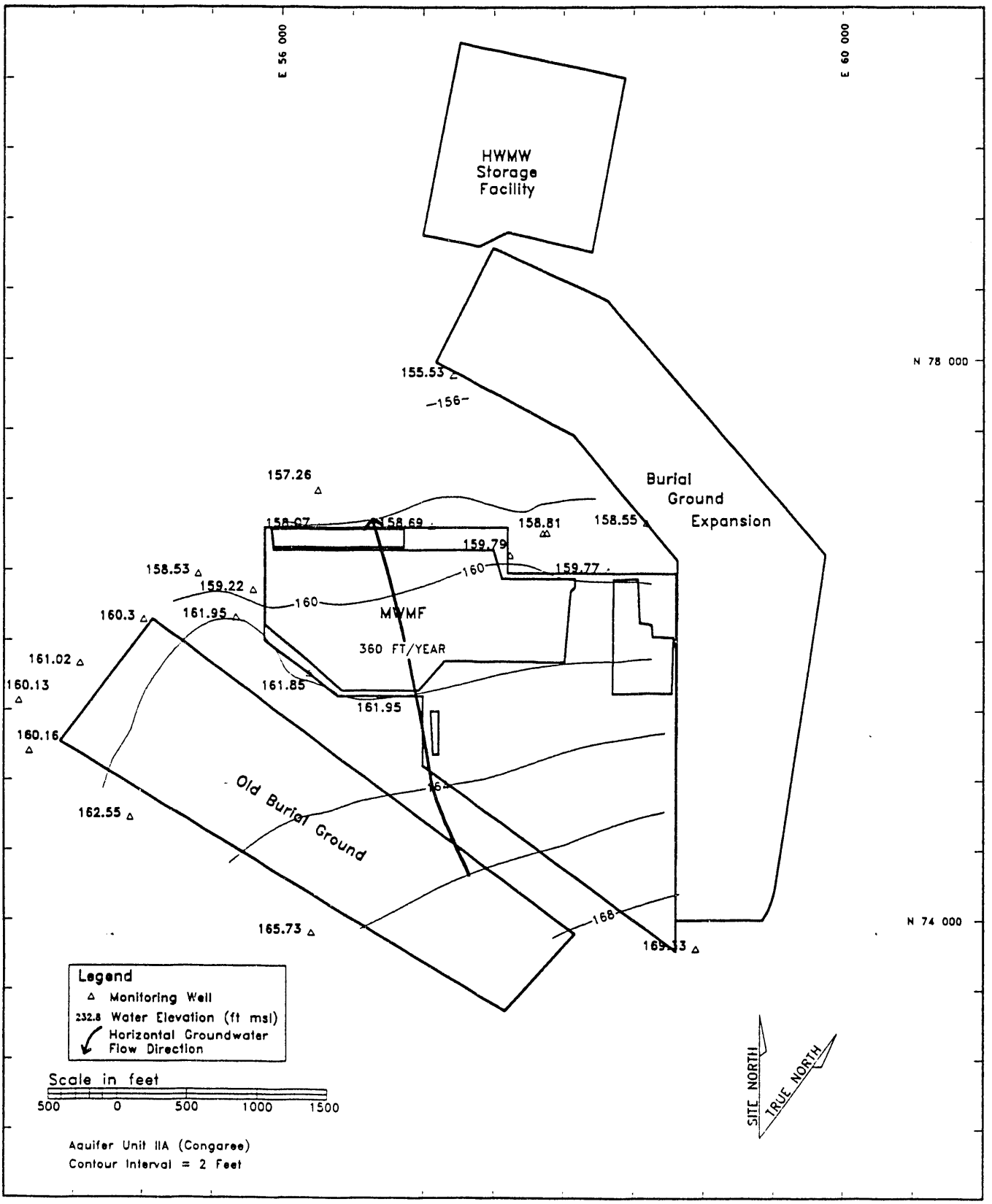


Figure 25. Potentiometric Surface Map of Aquifer Unit IIA (Congaree) at the Burial Ground Complex

Appendix D – Groundwater Monitoring Results Tables

Key to Reading the Tables

The following abbreviations may appear in the tabular data:

BA = Barringer Laboratories, Inc.
CN = Clemson Technical Center, Inc.
D = drinking water standard
E = exponential notation (e.g., 1.1E-09 = 1.1×10^{-9} = 0.0000000011)
EM = EPD/EMS Laboratory
GE = General Engineering Laboratories
GP = Environmental Physics, Inc.
H = holding time
1,2,3,4,6,7,8-HPCDD = 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin
1,2,3,4,6,7,8-HPCDF = 1,2,3,4,6,7,8-heptachlorodibenzo-p-furan
1,2,3,4,7,8-HXCDD = 1,2,3,4,7,8-hexachlorodibenzo-p-dioxin
1,2,3,4,7,8-HXCDF = 1,2,3,4,7,8-heptachlorodibenzo-p-furan
Lindane = gamma-benzene hexachloride
MA = M-Area Laboratory
msl = mean sea level
MSL = million structures/liter
NTU = turbidity unit
pH = pH unit
pCi/L = picocuries per liter
pCi/mL = picocuries per milliliter
Sp. = specific
PVC = polyvinyl chloride
TCDD = tetrachlorodibenzo-p-dioxin
TCDF = tetrachlorodibenzo-p-furan
TE = Teledyne Isotopes, Inc.
TM = TMA/Eberline
TOC = top of casing
WA = Roy F. Weston, Inc.
μg/L = micrograms per liter
μS/cm = microsiemens per centimeter

Holding Times

Standard analytical methods include a limit, called holding time, on the maximum elapsed time between sample collection and extraction or analysis by the laboratory. In the data tables, a large dot (•) in the H (holding time) column indicates that holding time was exceeded. Analyses performed beyond holding time may not yield valid results.

South Carolina Department of Health and Environmental Control (SCDHEC) allows only 15 minutes to elapse between sampling and analysis for pH. Thus, laboratory pH analyses always exceed holding time.

Laboratory-initiated procedures for reducing the number of other analyses performed out of holding time include subcontracting analyses when difficulties with equipment, personnel, or work load would prevent timely analyses. Beginning fourth quarter 1991, SRS reduced the compensation to laboratories for analyses performed out of holding time.

Table 1. Constituents Exceeding the Primary Drinking Water Standards

Aquifer Zone IIB_2 (Water Table)

Well	Constituent	Unit	1Q92	2Q92
BGO 2D	Tritium	pCi/mL	2.0E+01[a]	–[b]
	Tritium	pCi/mL	2.1E+01[a]	–
BGO 3D	Tritium	pCi/mL	3.2E+01	3.4E+01
BGO 5D	Tetrachloroethylene	µg/L	7.4	–
	Trichloroethylene	µg/L	7.4	–
	Tritium	pCi/mL	–	2.8E+01
BGO 6D	Trichloroethylene	µg/L	11	19
	Tritium	pCi/mL	7.8E+02	5.4E+02
BGO 7D	Tetrachloroethylene	µg/L	–	8.3
	Trichloroethylene	µg/L	174	89
	Tritium	pCi/mL	7.6E+02	2.9E+02
BGO 10D	Nickel	µg/L	112	NA[c]
	Tritium	pCi/mL	3.4E+02	NA
BGO 11D	Tritium	pCi/mL	4.5E+02	8.1E+02
BGO 12D	Trichloroethylene	µg/L	164	177
	Tritium	pCi/mL	3.2E+01	2.7E+01
BGO 14DR	Trichloroethylene	µg/L	66	25
	Tritium	pCi/mL	3.1E+01	1.1E+02
BGO 15D	Tetrachloroethylene	µg/L	6.1	–
	Trichloroethylene	µg/L	73	91
	Tritium	pCi/mL	4.0E+02	6.9E+02
BGO 16D	Trichloroethylene	µg/L	8.8[d]	12
	Trichloroethylene	µg/L	8.9[d]	NA
	Tritium	pCi/mL	1.2E+03	1.0E+03
BGO 20D	Tritium	pCi/mL	2.1E+01	–
BGO 21D	Tritium	pCi/mL	4.2E+01	3.7E+01
BGO 23D	Mercury	µg/L	2.6	–
	Tritium	pCi/mL	2.8E+01	2.5E+01
BGO 27D	Lead	µg/L	16	–
	Tritium	pCi/mL	1.3E+02	1.2E+02[a]
	Tritium	pCi/mL	NA	1.2E+02[a]

Aquifer Zone IIB_2 (Water Table)

Well	Constituent	Unit	1Q92	2Q92
BGO 28D	Chloroethene (Vinyl chloride)	µg/L	–	179[e]
	Chloroethene (Vinyl chloride)	µg/L	NA	179[e]
	Chloroethene (Vinyl chloride)	µg/L	NA	150[e]
	Trichloroethylene	µg/L	–	283[d]
	Trichloroethylene	µg/L	NA	283[d]
	Trichloroethylene	µg/L	NA	254[d]
	Tritium	pCi/mL	9.2E+04	1.2E+05
BGO 30D	Chloroethene (Vinyl chloride)	µg/L	–	7.1
	1,1-Dichloroethylene	µg/L	19	17
	Lead	µg/L	20	18
	Nitrate as nitrogen	µg/L	222,000	–
	Trichloroethylene	µg/L	39	38
	Tritium	pCi/mL	4.7E+04	3.5E+04
BGO 31D	Tritium	pCi/mL	5.4E+02	6.8E+01
BGO 32D	Lead	µg/L	18	–
	Total alpha-emitting radium[f]	pCi/L	–	9.8E+00
	Tritium	pCi/mL	1.7E+03	1.5E+03[a]
	Tritium	pCi/mL	NA	1.5E+03[a]
BGO 33D	Tritium	pCi/mL	2.8E+01	2.8E+01
BGO 34D	Tritium	pCi/mL	2.5E+01	3.0E+01
BGO 35D	Tritium	pCi/mL	2.2E+02	2.0E+02
BGO 36D	Tritium	pCi/mL	2.7E+01	2.6E+01[a]
	Tritium	pCi/mL	NA	2.8E+01[a]
BGO 37D	Tritium	pCi/mL	2.8E+01	2.7E+01
BGO 38D	Tritium	pCi/mL	3.0E+01	3.1E+01
BGO 39D	Tritium	pCi/mL	3.5E+01	3.2E+01
BGO 40D	Nonvolatile beta	pCi/L	–	5.4E+01
BGO 44D	Tritium	pCi/mL	1.0E+03	7.2E+02
BGO 45D	Tritium	pCi/mL	1.4E+02	1.1E+02
BGO 46D	Chloroethene (Vinyl chloride)	µg/L	–	4.8
	1,2-Dichloroethane	µg/L	22	–
	Tetrachloroethylene	µg/L	6.8	14
	Trichloroethylene	µg/L	64	75
	Tritium	pCi/mL	2.2E+04	3.5E+04
BGO 47D	Trichloroethylene	µg/L	13	8.8
	Tritium	pCi/mL	3.3E+03	2.0E+03

Aquifer Zone IIB_2 (Water Table)

Well	Constituent	Unit	1Q92	2Q92
BGO 48D	Tetrachloroethylene	µg/L	20	26
	Total alpha-emitting radium	pCi/L	6.1E+00	-
	Trichloroethylene	µg/L	135	96
	Tritium	pCi/mL	4.2E+04	4.5E+04
BGO 49D	Tritium	pCi/mL	2.3E+01	2.2E+01
BGO 50D	Trichloroethylene	µg/L	7.6	8.8
	Tritium	pCi/mL	2.0E+03	1.6E+03
BGX 1D	Tritium	pCi/mL	3.9E+02	3.9E+02
BGX 9D	Radium-228	pCi/L	NA	2.0E+01
BGX 12D	Tetrachloroethylene	µg/L	-	10
	Trichloroethylene	µg/L	-	9.8
	Tritium	pCi/mL	2.9E+01	2.8E+01

Aquifer Zone IIB_1 (Barnwell/McBean)

Unit	Constituent	Unit	1Q92	2Q92
BGO 5C	Tritium	pCi/mL	3.0E+01	2.7E+01
BGO 6C	Tritium	pCi/mL	7.7E+02	8.5E+02
BGO 10C	Tritium	pCi/mL	-	1.6E+02
BGO 12CR	Trichloroethylene	µg/L	54	50
BGO 13DR	Trichloroethylene	µg/L	9	-
	Tritium	pCi/mL	1.3E+02	1.1E+02
BGO 14CR	Trichloroethylene	µg/L	46	49
	Tritium	pCi/mL	3.4E+01	2.5E+01
BGO 27C	Thorium-228	pCi/L	-	7.7E+02
	Trichloroethylene	µg/L	16[d]	15
	Trichloroethylene	µg/L	14[d]	16
	Trichloroethylene	µg/L	16[d]	NA
	Trichloroethylene	µg/L	14[d]	NA
	Tritium	pCi/mL	6.1E+01[a]	7.2E+01
	Tritium	pCi/mL	6.1E+01[a]	NA
	Tritium	pCi/mL	6.0E+01[a]	NA
	Tritium	pCi/mL	6.1E+01[a]	NA
	Tritium	pCi/mL	6.1E+01[a]	NA
BGO 29C	Tritium	pCi/mL	1.2E+02	1.1E+02

Aquifer Zone IIB_1 (Barnwell/McBean)

Unit	Constituent	Unit	1Q92	2Q92
BGO 30C	Trichloroethylene	µg/L	7.1	8.1
	Tritium	pCi/mL	6.6E+02	5.8E+02
BGO 31C	Tritium	pCi/mL	3.5E+03	3.1E+03[a]
	Tritium	pCi/mL	NA	3.2E+03[a]
BGO 33C	Trichloroethylene	µg/L	18	24
	Tritium	pCi/mL	7.6E+03	8.0E+03
BGO 42C	Trichloroethylene	µg/L	63	63
BGO 43CR	Total alpha-emitting radium	pCi/L	-	5.0E+00
BGO 44B	Tritium	pCi/mL	1.4E+03	1.0E+03
BGO 44C	Tritium	pCi/mL	2.8E+02	2.8E+02
BGO 45C	Tritium	pCi/mL	1.0E+02	1.2E+02
BGO 46B	Tritium	pCi/mL	2.2E+01	-
BGO 46C	Trichloroethylene	µg/L	-	13
	Tritium	pCi/mL	9.4E+01	7.5E+01
BGO 47C	Tritium	pCi/mL	3.8E+02	3.7E+02
BGO 48C	Tritium	pCi/mL	1.7E+03	1.9E+03
BGO 49C	Tritium	pCi/mL	-	2.8E+01
BGO 50C	Trichloroethylene	µg/L	9	11
	Tritium	pCi/mL	6.4E+01	8.6E+01[a]
	Tritium	pCi/mL	-	8.8E+01[a]
BGX 1C	Tritium	pCi/mL	2.6E+02	2.7E+02[a]
	Tritium	pCi/mL	NA	2.7E+02[a]
BGX 2D	Trichloroethylene	µg/L	8.8	8.5
	Tritium	pCi/mL	9.8E+01	9.6E+01
BGX 3D	Tritium	pCi/mL	1.1E+03	1.2E+03
BGX 4D	Tritium	pCi/mL	5.9E+01	-
BGX 8DR	Tritium	pCi/mL	1.1E+03	1.2E+03
HMD 2D	Lead	µg/L	42	-
HMD 4D	Lead	µg/L	-	25

Aquifer Unit IIA (Congaree)

Well	Constituent	Unit	1Q92	2Q92
BGO 6A	Antimony	µg/L	-	6.8[g]
	Antimony	µg/L	NA	5.2[g]
BGO 12AR	Trichloroethylene	µg/L	-	6.2[d]
	Trichloroethylene	µg/L	NA	8.2[d]
	Trichloroethylene	µg/L	NA	6.1[d]
	Trichloroethylene	µg/L	NA	5.8[d]
BGO 14AR	Antimony	µg/L	5.2	-
BGX 1A	Gross alpha	pCi/L	2.4E+01	-
	Nonvolatile beta	pCi/L	5.1E+01	6.9E+01
	Total alpha-emitting radium	pCi/L	7.8E+00	6.4E+00
	Tritium	pCi/mL	2.0E+02	2.2E+02

---

[a] Duplicate samples of tritium.
[b] - = analyzed but not above PDWS.
[c] NA = not analyzed
[d] Duplicate samples of trichloroethylene.
[e] Duplicate samples of chloroethene (vinyl chloride).
[f] The PDWS for total radium was applied to total alpha-emitting radium.
[g] Duplicate samples of antimony.

Table 2. Constituents Exceeding Half the Primary Drinking Water Standards or Other Flag 1 or Flag 2 Criteria

Aquifer Zone IIB_2 (Water Table)

Well	Constituent	Unit	2Q92	Flag
BGO 1D	*Tritium*	pCi/mL	1.6E+01	1
BGO 2D	*Tritium*	pCi/mL	1.8E+01[a]	1
	Tritium	pCi/mL	1.8E+01[a]	1
BGO 3D	Aluminum	µg/L	184	1
	Total alpha-emitting radium[b]	pCi/L	2.6E+00	1
BGO 5D	Manganese	µg/L	31	1
	Total alpha-emitting radium	pCi/L	3.5E+00	1
BGO 6D	Total organic halogens	µg/L		
BGO 7D	Total organic halogens	µg/L	66	2
BGO 8D	*Trichloroethylene*	µg/L	4.0	1
	Tritium	pCi/mL	1.3E+01	1
BGO 9D	Manganese	µg/L	28	1
	Tritium	pCi/mL	1.6E+01	1
BGO 12D	Total organic halogens	µg/L	96	2
BGO 14DR	Manganese	µg/L	30	1
	Total organic halogens	µg/L	51	2
BGO 15D	*Tetrachloroethylene*	µg/L	4.4	1
	Total organic halogens	µg/L	62	2
BGO 16D	Aluminum	µg/L	134	1
	pH	pH	11	2
	Specific conductance	uS/cm	370	1
	Total organic halogens	µg/L	31	1
BGO 18D	*Tritium*	pCi/mL	1.4E+01	1
BGO 20D	Manganese	µg/L	65	2
	Tritium	pCi/mL	1.9E+01	1
BGO 21D	Iron	µg/L	156	1
BGO 22D	*Tritium*	pCi/mL	1.4E+01	1
BGO 24D	Aluminum	µg/L	264	2
	pH	pH	9.2[c]	1
	pH	pH	9.2[c]	1
BGO 26D	*Lead*	µg/L	8.2	1

Aquifer Zone IIB_2 (Water Table)

Well	Constituent	Unit	2Q92	Flag
BGO 27D	Iron	µg/L	248	1
	Manganese	µg/L	29	1
BGO 28D	*Chloroform*	µg/L	55	1
	1,1-Dichloroethane	µg/L	17[d]	2
	1,1-Dichloroethane	µg/L	17[d]	2
	1,1-Dichloroethane	µg/L	15[d]	2
	Iron	µg/L	477	2
	Manganese	µg/L	69	2
	Total organic halogens	µg/L	2,340	2
BGO 29D	Manganese	µg/L	64	2
BGO 30D	Aluminum	µg/L	101	1
	1,1-Dichloroethane	µg/L	55	2
	Manganese	µg/L	58	2
	Total alpha-emitting radium	pCi/L	4.1E+00	1
	Total organic halogens	µg/L	300	2
BGO 31D	Total organic halogens	µg/L	30	1
BGO 32D	Aluminum	µg/L	432	2
	Lead	µg/L	9.7[e]	1
	Lead	µg/L	9.8[e]	1
	Tetrachloroethylene	µg/L	4.4	1
	Trichlorofluoromethane	µg/L	5.0	1
BGO 33D	Iron	µg/L	165	1
	Total alpha-emitting radium	pCi/L	3.8E+00	1
BGO 34D	Trichlorofluoromethane	µg/L	8.2	1
BGO 36D	Aluminum	µg/L	111	1
	Lead	µg/L	8.5	1
	Total organic halogens	µg/L	62	2
BGO 38D	Aluminum	µg/L	197	1
BGO 40D	Manganese	µg/L	34	1
	Specific conductance	uS/cm	380	1
BGO 44D	*Total alpha-emitting radium*	pCi/L	2.6E+00	1
BGO 46D	1,1-Dichloroethane	µg/L	31	2
	Total organic halogens	µg/L	258	2
BGO 48D	*Carbon tetrachloride*	µg/L	3.2	1
	Total alpha-emitting radium	pCi/L	4.4E+00	1
	Total organic halogens	µg/L	175	2
BGO 50D	Total organic halogens	µg/L	60	2
BGX 1D	Manganese	µg/L	111	2

Aquifer Zone IIB_2 (Water Table)

Well	Constituent	Unit	2Q92	Flag
BGX 9D	*Total alpha-emitting radium*	pCi/L	3.3E+00	1
	Total organic halogens	µg/L	56	2
	Trichlorofluoromethane	µg/L	5.5	1
	Tritium	pCi/mL	1.2E+01[a]	1
	Tritium	pCi/mL	1.2E+01[a]	1
	Tritium	pCi/mL	1.1E+01[a]	1
	Tritium	pCi/mL	1.0E+01[a]	1
BGX 10D	Manganese	µg/L	59	2
	Tritium	pCi/mL	1.1E+01	1

Aquifer Zone IIB_1 (Barnwell/McBean)

Well	Constituent	Unit	2Q92	Flag
BGO 6C	Total organic halogens	µg/L	26	1
BGO 10C	pH	pH	11	2
BGO 12CR	Aluminum	µg/L	715	2
	pH	pH	11	2
	Total organic halogens	µg/L	48	1
BGO 13DR	Manganese	µg/L	83[f]	2
	Manganese	µg/L	83[f]	2
	Trichloroethylene	µg/L	3.7	1
BGO 14CR	Iron	µg/L	422	2
	Manganese	µg/L	40	1
	Total organic halogens	µg/L	30	1
BGO 30C	Trichlorofluoromethane	µg/L	7.1	1
BGO 31C	*Trichloroethylene*	µg/L	4.1	1
BGO 33C	Manganese	µg/L	32[f]	1
	Manganese	µg/L	32[f]	1
	Mercury	µg/L	1.3	1
	Tetrachloroethylene	µg/L	5.0	1
	Total organic halogens	µg/L	91	2
BGO 35C	pH	pH	8.2	1
	Aluminum	µg/L	318	2
BGO 42C	Total organic halogens	µg/L	56	2
BGO 43CR	Manganese	µg/L	30	1
BGO 43D	*Gross alpha*	pCi/L	9.4E+00	1
	Total alpha-emitting radium	pCi/L	4.3E+00	1

Aquifer Zone IIB_1 (Barnwell/McBean)

Well	Constituent	Unit	2Q92	Flag
BGO 44B	pH	pH	12	2
	Specific conductance	uS/cm	1,200	2
	Total organic halogens	µg/L	54	2
BGO 44C	pH	pH	9.9	1
	Trichloroethylene	µg/L	2.7	1
BGO 45B	Aluminum	µg/L	191[g]	1
	Aluminum	µg/L	191[g]	1
	pH	pH	11	2
	Specific conductance	uS/cm	315	1
BGO 45C	Aluminum	µg/L	170	1
	Lead	µg/L	12[e]	1
	Lead	µg/L	12[e]	1
	Manganese	µg/L	34	1
BGO 46B	Total organic carbon	µg/L	8,350[h]	1
	Total organic carbon	µg/L	7,400[h]	1
	Total organic halogens	µg/L	27	1
BGO 46C	Manganese	µg/L	42	1
BGO 47C	*Trichloroethylene*	µg/L	3.2	1
BGO 48C	*Trichloroethylene*	µg/L	3.2	1
BGX 1C	pH	pH	11[c]	2
	pH	pH	11[c]	2
	pH	pH	11[c]	2
	pH	pH	11[c]	2
	Specific conductance	uS/cm	350[i]	1
	Specific conductance	uS/cm	360[i]	1
	Specific conductance	uS/cm	385[i]	1
	Specific conductance	uS/cm	395[i]	1
BGX 3D	Manganese	µg/L	35	1
BGX 4C	*Trichloroethylene*	µg/L	2.6	1
BGX 4D	Manganese	µg/L	26	1
	Tritium	pCi/mL	1.7E+01	1
BGX 5D	Manganese	µg/L	483	2
	Total alpha-emitting radium	pCi/L	3.2E+00	1
	Trichlorofluoromethane	µg/L	20[j]	2
	Trichlorofluoromethane	µg/L	14[j]	2
	Tritium	pCi/mL	1.3E+01	1
BGX 6D	Manganese	µg/L	68	2
	Trichlorofluoromethane	µg/L	5.0	1
BGX 7D	*Tritium*	pCi/mL	1.3E+01	1

Aquifer Zone IIB_1 (Barnwell/McBean)

Well	Constituent	Unit	2Q92	Flag
BGX 8DR	Manganese	µg/L	34	1
HMD 1D	Manganese	µg/L	97	2
	Tritium	pCi/mL	1.1E+01	1
HMD 3D	Iron	µg/L	194	1
	Manganese	µg/L	29[f]	1
	Manganese	µg/L	28[f]	1
	Manganese	µg/L	28[f]	1
	Manganese	µg/L	26[f]	1
	Total organic halogens	µg/L	28[k]	1
	Total organic halogens	µg/L	38[k]	1
	Trichlorofluoromethane	µg/L	7.8[j]	1
	Trichlorofluoromethane	µg/L	8.1[j]	1
	Trichlorofluoromethane	µg/L	5.9[j]	1
HMD 4D	Iron	µg/L	324	2
	Manganese	µg/L	58	2
	Total alpha-emitting radium	pCi/L	2.5E+00	1
HSB 85B	Aluminum	µg/L	2,170	2
	pH	pH	12[c]	2
	pH	pH	12[c]	2
	Specific conductance	uS/cm	520	2

Aquifer Unit IIA (Congaree)

Well	Constituent	Unit	2Q92	Flag
BGO 6A	*Antimony*	µg/L	3.2	1
	Specific conductance	uS/cm	290[i]	1
	Specific conductance	uS/cm	294[i]	1
	Specific conductance	uS/cm	301[i]	1
BGO 10AR	Manganese	µg/L	41	1
BGO 12AR	Aluminum	µg/L	190[g]	1
	Aluminum	µg/L	190[g]	1
	Aluminum	µg/L	178[g]	1
	Aluminum	µg/L	172[g]	1
	pH	pH	10[c]	2
	pH	pH	10[c]	2
	pH	pH	10[c]	2
	pH	pH	10[c]	2
	pH	pH	10[c]	2
	Total organic carbon	µg/L	11,800[h]	2
	Total organic carbon	µg/L	11,000[h]	2
BGO 14AR	Aluminum	µg/L	954	2
	pH	pH	11	2
	Trichloroethylene	µg/L	3.6	1

Aquifer Unit IIA (Congaree)

Well	Constituent	Unit	2Q92	Flag
BGO 16A	Aluminum	µg/L	594[g]	2
	Aluminum	µg/L	598[g]	2
	pH	pH	12	2
	Specific conductance	uS/cm	1,850	2
BGO 18A	Manganese	µg/L	52[f]	2
	Manganese	µg/L	52[f]	2
BGO 29A	pH	pH	10	2
BGO 41A	pH	pH	12	2
	Specific conductance	uS/cm	700	2
BGO 43A	pH	pH	12[c]	2
	pH	pH	12[c]	2
	Specific conductance	uS/cm	1,000[i]	2
	Specific conductance	uS/cm	1,000[i]	2
BGO 43AA	pH	pH	9.7	1
BGO 44AA	pH	pH	9.8	1
BGO 47A	Manganese	µg/L	74	2
BGO 49A	pH	pH	10.0	1
BGO 50A	pH	pH	12	2
	Specific conductance	µS/cm	1,150	2
BGX 1A	pH	pH	12[c]	2
	pH	pH	12[c]	2
	pH	pH	12[c]	2
	pH	pH	12[c]	2
	Specific conductance	uS/cm	3,200[i]	2
	Specific conductance	uS/cm	3,390[i]	2
	Specific conductance	uS/cm	3,500[i]	2
	Specific conductance	uS/cm	3,600[i]	2
	Total organic carbon	µg/L	5,000[h]	1
	Total organic carbon	µg/L	6,000[h]	1
	Total organic carbon	µg/L	6,000[h]	1
	Total organic carbon	µg/L	6,000[h]	1
BGX 4A	pH	pH	8.3	1

Note: Constituents exceeding half the PDWS appear italicized.

[a] Duplicate samples of tritium.
[b] Flagging criteria for total radium were applied to total alpha-emitting radium.
[c] Duplicate samples of pH.
[d] Duplicate samples of 1,1-dichloroethane.
[e] Duplicate samples of lead.
[f] Duplicate samples of manganese.
[g] Duplicate samples of aluminum.

[h] Duplicate samples of total organic carbon.
[i] Duplicate samples of specific conductance.
[j] Duplicate samples of trichlorofluoromethane.
[k] Duplicate samples of total organic halogens.

Table 3. Groundwater Monitoring Results for Individual Wells

WELL BGO 1D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N73737.9 E58779.3	33.284765 °N 81.655257 °W	245.0-225.0 ft msl	295.1 ft msl	4" PVC	Water Table (IIB_2)

FIELD MEASUREMENTS

Sample date: 04/29/92
Depth to water: 55.91 ft (17.04 m) below TOC
Water elevation: 239.19 ft (72.91 m) msl
Sp. conductance: 45 µS/cm
Water evacuated before sampling: 8 gal
The well went dry during purging.

Time: 9:30
pH: 4.2
Alkalinity: 0 mg/L
Water temperature: 18.2°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	4.9	pH	0	GE
		Specific conductance	45	µS/cm	0	GE
		Turbidity	142	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	92	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	12	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	82	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 1D collected on 04/29/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Chlordane	<10	µg/L	0	GE
		Chloride	1,500	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	6.7	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.8	µg/L	0	GE
		Dichloromethane (Methylene chloride)	2.0	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 1D collected on 04/29/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	41	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	170	µg/L	0	GE
		Manganese	23	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	1,300	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	<500	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	5,820	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	6,850	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 1D collected on 04/29/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	38,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Trichlorofluoromethane	1.5	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Tritium	1.6E+01 ± 7.0E-01	pCi/mL	1	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 2D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N74552.9 E58809.7	33.286617 °N 81.656760 °W	238.9-218.9 ft msl	296.9 ft msl	4" PVC	Water Table (IIB_2)

FIELD MEASUREMENTS

Sample date: 04/29/92
Depth to water: 58.39 ft (17.80 m) below TOC
Water elevation: 238.51 ft (72.70 m) msl
Sp. conductance: 43 µS/cm
Water evacuated before sampling: 51 gal

Time: 10:20
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 19.4°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	4.7	pH	0	GE
		Specific conductance	40	µS/cm	0	GE
		Specific conductance	40	µS/cm	0	GE
		Turbidity	0.62	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	74	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	20	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	1,080	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	2,720	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 2D collected on 04/29/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	C	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.6	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	5.8	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 2D collected on 04/29/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Isophorone	<10	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	1,060	µg/L	0	GE
		Manganese	<2.0	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	1,100	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	<500	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	6,600	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	2,530	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	39,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Gross alpha	3.9E+00 ± 5.6E-01	pCi/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 2D collected on 04/29/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Nonvolatile beta	1.4E+01 ± 8.7E-01	pCi/L	0	GE
		Total alpha-emitting radium	1.7E+00 ± 8.0E-01	pCi/L	0	GE
		Tritium	1.8E+01 ± 7.0E-01	pCi/mL	1	GE
		Tritium	1.8E+01 ± 7.0E-01	pCi/mL	1	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

WELL BGO 3D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N75351.3 E58809.2	33.288382 °N 81.658312 °W	247.6-227.6 ft msl	292.7 ft msl	4" PVC	Water Table (IIB_2)

FIELD MEASUREMENTS

Sample date: 04/29/92
Depth to water: 57.38 ft (17.49 m) below TOC
Water elevation: 235.32 ft (71.73 m) msl
Sp. conductance: 47 µS/cm
Water evacuated before sampling: 3 gal
The well went dry during purging.

Time: 10:40
pH: 4.3
Alkalinity: 0 mg/L
Water temperature: 16.1°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	4.4	pH	0	GE
		Specific conductance	45	µS/cm	0	GE
		Turbidity	32	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	184	µg/L	1	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	6.3	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 3D collected on 04/29/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	37	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	3,710	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.4	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 3D collected on 04/29/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	16	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	385	µg/L	0	GE
		Manganese	15	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	1,160	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	<500	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	6,540	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	4,450	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	Q	GE
		Tin	<2.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 3D collected on 04/29/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	31,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	2.6E+00 ± 1.0E+00	pCi/L	1	GE
	■	Tritium	3.4E+01 ± 9.0E-01	pCi/mL	2	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

WELL BGO 4D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N76150.1 E58803.7	33.290140 °N 81.659878 °W	240.6-220.6 ft msl	297.5 ft msl	4" PVC	Water Table (IIB_2)

FIELD MEASUREMENTS

Sample date: 05/28/92 Time: 13:20
Inaccessibility or pump failure prevented sample collection.

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 5C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N76476.9 E58794.5	33.290848 °N 81.660537 °W	193.2-183.2 ft msl	296.1 ft msl	4" PVC	McBean (IIB_1)

FIELD MEASUREMENTS

Sample date: 04/29/92
Depth to water: 79.80 ft (24.32 m) below TOC
Water elevation: 216.30 ft (65.93 m) msl
Sp. conductance: 52 µS/cm
Water evacuated before sampling: 17 gal
The well went dry during purging.

Time: 11:05
pH: 6.6
Alkalinity: 13 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	6.7	pH	0	GE
		Specific conductance	50	µS/cm	0	GE
		Turbidity	9.5	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	<20	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	6.6	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	4,480	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	1,620	µg/L	0	GE
		Chloride	1,740	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 5C collected on 04/29/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	6.2	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.8	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	104	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	132	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 5C collected on 04/29/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Isophorone	<10	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	412	µg/L	0	GE
		Manganese	11	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	4.1	µg/L	0	GE
		Nitrate as nitrogen	1,050	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	<500	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	14,300	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	1,930	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	49,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	300	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	1.3	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 5C collected on 04/29/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	2.0E+00 ± 7.0E-01	pCi/L	0	GE
		Total alpha-emitting radium	2.2E+00 ± 7.0E-01	pCi/L	0	GE
	■	Tritium	2.7E+01 ± 9.0E-01	pCi/mL	2	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

WELL BGO 5D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N76477.5 E58784.8	33.290833 °N 81.660564 °W	239.3-219.3 ft msl	296.3 ft msl	4" PVC	Water Table (IIB_2)

FIELD MEASUREMENTS

Sample date: 04/29/92
Depth to water: 65.43 ft (19.94 m) below TOC
Water elevation: 230.87 ft (70.37 m) msl
Sp. conductance: 42 µS/cm
Water evacuated before sampling: 5 gal
The well went dry during purging.

Time: 11:20
pH: 5.0
Alkalinity: 0 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	5.0	pH	0	GE
		Specific conductance	40	µS/cm	0	GE
		Turbidity	114	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	53	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	48	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 5D collected on 04/29/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	886	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	4,190	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	4.7	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.9	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 5D collected on 04/29/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	19	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	948	µg/L	0	GE
		Manganese	31	µg/L	1	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	2,200	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	<500	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	7,560	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	3,620	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	21,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 5D collected on 04/29/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Gross alpha	5.8E+00 ± 6.7E-01	pCi/L	0	GE
		Nonvolatile beta	6.3E+00 ± 5.8E-01	pCi/L	0	GE
		Total alpha-emitting radium	3.5E+00 ± 1.1E+00	pCi/L	1	GE
	■	Tritium	2.8E+01 ± 9.0E-01	pCi/mL	2	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

WELL BGO 6A

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N76487.2 E58316.8	33.290091 °N 81.661815 °W	117.5-107.5 ft msl	285.6 ft msl		Congaree (IIA)

FIELD MEASUREMENTS

Sample date: 05/05/92 Time: 14:20
Depth to water: 125.83 ft (38.35 m) below TOC
Water elevation: 159.77 ft (48.70 m) msl
No water was evacuated before sampling.

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	7.6	pH	0	GE
•		pH	7.7	pH	0	GE
•		pH	7.1	pH	0	GE
•		pH	7.3	pH	0	WA
•		pH	7.4	pH	0	WA
		Specific conductance	240	µS/cm	0	GE
		Specific conductance	290	µS/cm	1	GE
•		Specific conductance	294	µS/cm	1	WA
•		Specific conductance	301	µS/cm	1	WA
		Tritium	.	pCi/mL	0	BA
		Turbidity	<0.10	NTU	0	GE
		Turbidity	<0.10	NTU	0	GE
		Turbidity	0.16	NTU	0	WA
		Turbidity	0.17	NTU	0	WA
		Turbidity	0.16	NTU	0	WA
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthene	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 6A collected on 05/05/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Acenaphthene	<11	µg/L	0	WA
		Acenaphthene	<11	µg/L	0	WA
		Acenaphthene	<21	µg/L	0	WA
		Acenaphthylene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acenaphthylene	<11	µg/L	0	WA
		Acenaphthylene	<11	µg/L	0	WA
		Acenaphthylene	<21	µg/L	0	WA
		Acenaphthylene	<20	µg/L	0	WA
		Acetophenone	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	<20	µg/L	0	GE
		Aluminum	<20	µg/L	0	GE
		Aluminum	<20	µg/L	0	GE
		Aluminum	<15	µg/L	0	WA
		Aluminum	18	µg/L	0	WA
		Aluminum	26	µg/L	0	WA
		Anthracene	<10	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Anthracene	<11	µg/L	0	WA
		Anthracene	<11	µg/L	0	WA
		Anthracene	<21	µg/L	0	WA
		Anthracene	<20	µg/L	0	WA
		Antimony	<2.0	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
	■	Antimony	6.8	µg/L	2	WA
		Antimony	3.2	µg/L	1	WA
	■	Antimony	5.2	µg/L	2	WA
		Arsenic	2.1	µg/L	0	GE
		Arsenic	2.1	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Arsenic	2.5	µg/L	0	WA
		Arsenic	<2.0	µg/L	0	WA
		Arsenic	2.8	µg/L	0	WA
		Barium	43	µg/L	0	GE
		Barium	43	µg/L	0	GE
		Barium	43	µg/L	0	GE
		Barium	43	µg/L	0	WA
		Barium	45	µg/L	0	WA
		Barium	44	µg/L	0	WA
		Benzene	<1.0	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Benzene	<5.0	µg/L	0	WA
		Benzene	<5.0	µg/L	0	WA
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzidine	<55	µg/L	0	WA

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 6A collected on 05/05/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Benzidine	<55	µg/L	0	WA
		Benzidine	<105	µg/L	0	WA
		Benzidine	<100	µg/L	0	WA
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<11	µg/L	0	WA
		Benzo[*a*]anthracene	<11	µg/L	0	WA
		Benzo[*a*]anthracene	<21	µg/L	0	WA
		Benzo[*a*]anthracene	<20	µg/L	0	WA
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<11	µg/L	0	WA
		Benzo[*b*]fluoranthene	<11	µg/L	0	WA
		Benzo[*b*]fluoranthene	<21	µg/L	0	WA
		Benzo[*b*]fluoranthene	<20	µg/L	0	WA
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<11	µg/L	0	WA
		Benzo[*k*]fluoranthene	<11	µg/L	0	WA
		Benzo[*k*]fluoranthene	<21	µg/L	0	WA
		Benzo[*k*]fluoranthene	<20	µg/L	0	WA
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<11	µg/L	0	WA
		Benzo[*g,h,i*]perylene	<11	µg/L	0	WA
		Benzo[*g,h,i*]perylene	<21	µg/L	0	WA
		Benzo[*g,h,i*]perylene	<20	µg/L	0	WA
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<11	µg/L	0	WA
		Benzo[*a*]pyrene	<11	µg/L	0	WA
		Benzo[*a*]pyrene	<21	µg/L	0	WA
		Benzo[*a*]pyrene	<20	µg/L	0	WA
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<11	µg/L	0	WA
		Bis(2-chloroethoxy) methane	<11	µg/L	0	WA
		Bis(2-chloroethoxy) methane	<21	µg/L	0	WA
		Bis(2-chloroethoxy) methane	<20	µg/L	0	WA
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<11	µg/L	0	WA
		Bis(2-chloroethyl) ether	<11	µg/L	0	WA
		Bis(2-chloroethyl) ether	<21	µg/L	0	WA
		Bis(2-chloroethyl) ether	<20	µg/L	0	WA
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<11	µg/L	0	WA
		Bis(2-chloroisopropyl) ether	<11	µg/L	0	WA
		Bis(2-chloroisopropyl) ether	<21	µg/L	0	WA
		Bis(2-chloroisopropyl) ether	<20	µg/L	0	WA
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	2.0	µg/L	0	WA
		Bis(2-ethylhexyl) phthalate	6.0	µg/L	0	WA
		Bis(2-ethylhexyl) phthalate	<21	µg/L	0	WA

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 6A collected on 05/05/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Bis(2-ethylhexyl) phthalate	2.3	µg/L	0	WA
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromodichloromethane	<5.0	µg/L	0	WA
		Bromodichloromethane	<5.0	µg/L	0	WA
		Bromoform	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromoform	<5.0	µg/L	0	WA
		Bromoform	<5.0	µg/L	0	WA
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<10	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	µg/L	0	WA
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		4-Bromophenyl phenyl ether	<11	µg/L	0	WA
		4-Bromophenyl phenyl ether	<11	µg/L	0	WA
		4-Bromophenyl phenyl ether	<21	µg/L	0	WA
		4-Bromophenyl phenyl ether	<20	µg/L	0	WA
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Butylbenzyl phthalate	<11	µg/L	0	WA
		Butylbenzyl phthalate	<11	µg/L	0	WA
		Butylbenzyl phthalate	<21	µg/L	0	WA
		Butylbenzyl phthalate	<20	µg/L	0	WA
		Cadmium	<2.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Cadmium	<0.35	µg/L	0	WA
		Cadmium	<0.35	µg/L	0	WA
		Cadmium	<0.35	µg/L	0	WA
		Calcium	56,100	µg/L	0	GE
		Calcium	55,400	µg/L	0	GE
		Calcium	56,400	µg/L	0	GE
		Calcium	57,700	µg/L	0	WA
		Calcium	60,200	µg/L	0	WA
		Calcium	60,000	µg/L	0	WA
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Carbon tetrachloride	<5.0	µg/L	0	WA
		Carbon tetrachloride	<5.0	µg/L	0	WA
		Chlordane	<10	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	2,590	µg/L	0	GE
		Chloride	2,560	µg/L	0	GE
		Chloride	2,730	µg/L	0	WA
		Chloride	2,700	µg/L	0	WA
		Chloride	2,700	µg/L	0	WA
		Chlorobenzene	<1.0	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chlorobenzene	<5.0	µg/L	0	WA
		Chlorobenzene	<5.0	µg/L	0	WA
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		para-Chloro-meta-cresol	<11	µg/L	0	WA
		para-Chloro-meta-cresol	<11	µg/L	0	WA

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 6A collected on 05/05/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		para-Chloro-meta-cresol	<21	µg/L	0	WA
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethane	<10	µg/L	0	WA
		Chloroethane	<10	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<10	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	µg/L	0	WA
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<10	µg/L	0	WA
		2-Chloroethyl vinyl ether	<10	µg/L	0	WA
		Chloroform	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloroform	<5.0	µg/L	0	WA
		Chloroform	<5.0	µg/L	0	WA
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<10	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	µg/L	0	WA
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chloronaphthalene	<11	µg/L	0	WA
		2-Chloronaphthalene	<11	µg/L	0	WA
		2-Chloronaphthalene	<21	µg/L	0	WA
		2-Chloronaphthalene	<20	µg/L	0	WA
		2-Chlorophenol	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		2-Chlorophenol	<11	µg/L	0	WA
		2-Chlorophenol	<11	µg/L	0	WA
		2-Chlorophenol	<21	µg/L	0	WA
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<11	µg/L	0	WA
		4-Chlorophenyl phenyl ether	<11	µg/L	0	WA
		4-Chlorophenyl phenyl ether	<21	µg/L	0	WA
		4-Chlorophenyl phenyl ether	<20	µg/L	0	WA
		Chromium	<4.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chromium	<1.1	µg/L	0	WA
		Chromium	<1.1	µg/L	0	WA
		Chromium	<1.1	µg/L	0	WA
		Chrysene	<10	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Chrysene	<11	µg/L	0	WA
		Chrysene	<11	µg/L	0	WA
		Chrysene	<21	µg/L	0	WA
		Chrysene	<20	µg/L	0	WA
		Copper	<4.0	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE
		Copper	<1.1	µg/L	0	WA
		Copper	1.2	µg/L	0	WA
		Copper	<1.1	µg/L	0	WA

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 6A collected on 05/05/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Cyanide	<5.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	WA
		Cyanide	<5.0	µg/L	0	WA
		Cyanide	<5.0	µg/L	0	WA
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<11	µg/L	0	WA
		Dibenz[*a,h*]anthracene	<11	µg/L	0	WA
		Dibenz[*a,h*]anthracene	<21	µg/L	0	WA
		Dibenz[*a,h*]anthracene	<20	µg/L	0	WA
		Dibromochloromethane	<1.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Dibromochloromethane	<5.0	µg/L	0	WA
		Dibromochloromethane	<5.0	µg/L	0	WA
		Di-n-butyl phthalate	<10	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		Di-n-butyl phthalate	<11	µg/L	0	WA
		Di-n-butyl phthalate	<11	µg/L	0	WA
		Di-n-butyl phthalate	<21	µg/L	0	WA
		Di-n-butyl phthalate	<20	µg/L	0	WA
		1,2-Dichlorobenzene	<11	µg/L	0	WA
		1,2-Dichlorobenzene	<11	µg/L	0	WA
		1,2-Dichlorobenzene	<21	µg/L	0	WA
		1,2-Dichlorobenzene	<20	µg/L	0	WA
		1,3-Dichlorobenzene	<11	µg/L	0	WA
		1,3-Dichlorobenzene	<11	µg/L	0	WA
		1,3-Dichlorobenzene	<21	µg/L	0	WA
		1,3-Dichlorobenzene	<20	µg/L	0	WA
		1,4-Dichlorobenzene	<11	µg/L	0	WA
		1,4-Dichlorobenzene	<11	µg/L	0	WA
		1,4-Dichlorobenzene	<21	µg/L	0	WA
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<22	µg/L	0	WA
		3,3'-Dichlorobenzidine	<22	µg/L	0	WA
		3,3'-Dichlorobenzidine	<42	µg/L	0	WA
		3,3'-Dichlorobenzidine	<40	µg/L	0	WA
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<5.0	µg/L	0	WA
		1,1-Dichloroethane	<5.0	µg/L	0	WA
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<5.0	µg/L	0	WA
		1,2-Dichloroethane	<5.0	µg/L	0	WA
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<5.0	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	µg/L	0	WA

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 6A collected on 05/05/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<5.0	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.6	µg/L	0	GE
		Dichloromethane (Methylene chloride)	3.0	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0	µg/L	0	WA
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenol	<11	µg/L	0	WA
		2,4-Dichlorophenol	<11	µg/L	0	WA
		2,4-Dichlorophenol	<21	µg/L	0	WA
		2,4-Dichlorophenol	<20	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<1.1	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<2.2	µg/L	0	WA
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		1,2-Dichloropropane	<5.0	µg/L	0	WA
		1,2-Dichloropropane	<5.0	µg/L	0	WA
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<5.0	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	µg/L	0	WA
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<5.0	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	µg/L	0	WA
		Dieldrin	<10	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		Diethyl phthalate	<11	µg/L	0	WA
		Diethyl phthalate	<11	µg/L	0	WA
		Diethyl phthalate	<21	µg/L	0	WA
		Diethyl phthalate	<20	µg/L	0	WA
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<11	µg/L	0	WA
		2,4-Dimethyl phenol	<11	µg/L	0	WA
		2,4-Dimethyl phenol	<21	µg/L	0	WA
		2,4-Dimethyl phenol	<20	µg/L	0	WA
		Dimethyl phthalate	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		Dimethyl phthalate	<11	µg/L	0	WA
		Dimethyl phthalate	<11	µg/L	0	WA
		Dimethyl phthalate	<21	µg/L	0	WA
		Dimethyl phthalate	<20	µg/L	0	WA
		4,6-Dinitro-ortho-cresol	<55	µg/L	0	WA
		4,6-Dinitro-ortho-cresol	<55	µg/L	0	WA
		4,6-Dinitro-ortho-cresol	<105	µg/L	0	WA
		4,6-Dinitro-ortho-cresol	<100	µg/L	0	WA
		2,4-Dinitrophenol	<45	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 6A collected on 05/05/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrophenol	<55	µg/L	0	WA
		2,4-Dinitrophenol	<55	µg/L	0	WA
		2,4-Dinitrophenol	<105	µg/L	0	WA
		2,4-Dinitrophenol	<100	µg/L	0	WA
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,4-Dinitrotoluene	<11	µg/L	0	WA
		2,4-Dinitrotoluene	<11	µg/L	0	WA
		2,4-Dinitrotoluene	<21	µg/L	0	WA
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<11	µg/L	0	WA
		2,6-Dinitrotoluene	<11	µg/L	0	WA
		2,6-Dinitrotoluene	<21	µg/L	0	WA
		2,6-Dinitrotoluene	<20	µg/L	0	WA
		Di-n-octyl phthalate	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		Di-n-octyl phthalate	<11	µg/L	0	WA
		Di-n-octyl phthalate	<11	µg/L	0	WA
		Di-n-octyl phthalate	<21	µg/L	0	WA
		Di-n-octyl phthalate	<20	µg/L	0	WA
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<0.11	µg/L	0	WA
		Endrin	<0.11	µg/L	0	WA
		Endrin	<0.22	µg/L	0	WA
		Endrin aldehyde	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Ethylbenzene	<5.0	µg/L	0	WA
		Ethylbenzene	<5.0	µg/L	0	WA
		Fluoranthene	<10	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluoranthene	<11	µg/L	0	WA
		Fluoranthene	<11	µg/L	0	WA
		Fluoranthene	<21	µg/L	0	WA
		Fluoranthene	<20	µg/L	0	WA
		Fluorene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluorene	<11	µg/L	0	WA
		Fluorene	<11	µg/L	0	WA
		Fluorene	<21	µg/L	0	WA
		Fluorene	<20	µg/L	0	WA
		Fluoride	<100	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 6A collected on 05/05/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Fluoride	<100	µg/L	0	GE
		Fluoride	<100	µg/L	0	WA
		Fluoride	<100	µg/L	0	WA
		Fluoride	<100	µg/L	0	WA
		Heptachlor	<10	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobenzene	<11	µg/L	0	WA
		Hexachlorobenzene	<11	µg/L	0	WA
		Hexachlorobenzene	<21	µg/L	0	WA
		Hexachlorobenzene	<20	µg/L	0	WA
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorobutadiene	<11	µg/L	0	WA
		Hexachlorobutadiene	<11	µg/L	0	WA
		Hexachlorobutadiene	<21	µg/L	0	WA
		Hexachlorobutadiene	<20	µg/L	0	WA
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<11	µg/L	0	WA
		Hexachlorocyclopentadiene	<11	µg/L	0	WA
		Hexachlorocyclopentadiene	<21	µg/L	0	WA
		Hexachlorocyclopentadiene	<20	µg/L	0	WA
		Hexachloroethane	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Hexachloroethane	<11	µg/L	0	WA
		Hexachloroethane	<11	µg/L	0	WA
		Hexachloroethane	<21	µg/L	0	WA
		Hexachloroethane	<20	µg/L	0	WA
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<11	µg/L	0	WA
		Indeno[*1,2,3-c,d*]pyrene	<11	µg/L	0	WA
		Indeno[*1,2,3-c,d*]pyrene	<21	µg/L	0	WA
		Indeno[*1,2,3-c,d*]pyrene	<20	µg/L	0	WA
		Iron	54	µg/L	0	GE
		Iron	54	µg/L	0	GE
		Iron	54	µg/L	0	GE
		Iron	59	µg/L	0	WA
		Iron	67	µg/L	0	WA
		Iron	66	µg/L	0	WA
		Isophorone	<10	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Isophorone	<11	µg/L	0	WA
		Isophorone	<11	µg/L	0	WA
		Isophorone	<21	µg/L	0	WA
		Isophorone	<20	µg/L	0	WA
		Lead	<3.0	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lead	<2.0	µg/L	0	WA
		Lead	<2.0	µg/L	0	WA
		Lead	<2.0	µg/L	0	WA

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 6A collected on 05/05/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<0.055	µg/L	0	WA
		Lindane	<0.057	µg/L	0	WA
		Lindane	<0.11	µg/L	0	WA
		Magnesium	1,510	µg/L	0	GE
		Magnesium	1,530	µg/L	0	GE
		Magnesium	1,510	µg/L	0	GE
		Magnesium	1,400	µg/L	0	WA
		Magnesium	1,470	µg/L	0	WA
		Magnesium	1,460	µg/L	0	WA
		Manganese	4.2	µg/L	0	GE
		Manganese	4.2	µg/L	0	GE
		Manganese	4.2	µg/L	0	GE
		Manganese	4.7	µg/L	0	WA
		Manganese	5.5	µg/L	0	WA
		Manganese	5.5	µg/L	0	WA
		Mercury	<0.20	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Mercury	<0.20	µg/L	0	WA
		Mercury	<0.20	µg/L	0	WA
		Mercury	<0.20	µg/L	0	WA
		Methoxychlor	<0.50	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Methoxychlor	<0.55	µg/L	0	WA
		Methoxychlor	<0.57	µg/L	0	WA
		Methoxychlor	<1.1	µg/L	0	WA
		Methoxychlor	<2.3	µg/L	0	WA
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Naphthalene	<11	µg/L	0	WA
		Naphthalene	<11	µg/L	0	WA
		Naphthalene	<21	µg/L	0	WA
		Naphthalene	<20	µg/L	0	WA
		Nickel	<4.0	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nickel	<3.1	µg/L	0	WA
		Nickel	<3.1	µg/L	0	WA
		Nickel	<3.1	µg/L	0	WA
		Nitrate as nitrogen	<50	µg/L	0	GE
		Nitrate as nitrogen	<50	µg/L	0	GE
		Nitrate as nitrogen	<50	µg/L	0	GE
		Nitrate as nitrogen	206	µg/L	0	WA
		Nitrate as nitrogen	168	µg/L	0	WA
		Nitrobenzene	<10	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		Nitrobenzene	<11	µg/L	0	WA
		Nitrobenzene	<11	µg/L	0	WA
		Nitrobenzene	<21	µg/L	0	WA
		Nitrobenzene	<20	µg/L	0	WA
		2-Nitrophenol	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 6A collected on 05/05/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		2-Nitrophenol	<10	µg/L	0	GE
		2-Nitrophenol	<11	µg/L	0	WA
		2-Nitrophenol	<11	µg/L	0	WA
		2-Nitrophenol	<21	µg/L	0	WA
		2-Nitrophenol	<20	µg/L	0	WA
		4-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<55	µg/L	0	WA
		4-Nitrophenol	<55	µg/L	0	WA
		4-Nitrophenol	<105	µg/L	0	WA
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<11	µg/L	0	WA
		N-Nitrosodimethylamine	<11	µg/L	0	WA
		N-Nitrosodimethylamine	<21	µg/L	0	WA
		N-Nitrosodimethylamine	<20	µg/L	0	WA
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<11	µg/L	0	WA
		N-Nitrosodiphenylamine	<11	µg/L	0	WA
		N-Nitrosodiphenylamine	<21	µg/L	0	WA
		N-Nitrosodiphenylamine	<20	µg/L	0	WA
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<11	µg/L	0	WA
		N-Nitrosodipropylamine	<11	µg/L	0	WA
		N-Nitrosodipropylamine	<21	µg/L	0	WA
		PCB 1016	<150	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Pentachlorophenol	<55	µg/L	0	WA
		Pentachlorophenol	<55	µg/L	0	WA
		Pentachlorophenol	<105	µg/L	0	WA
		Phenanthrene	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenanthrene	<11	µg/L	0	WA
		Phenanthrene	<11	µg/L	0	WA
		Phenanthrene	<21	µg/L	0	WA
		Phenanthrene	<20	µg/L	0	WA
		Phenol	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenol	<11	µg/L	0	WA
		Phenol	<11	µg/L	0	WA

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 6A collected on 05/05/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Phenol	<21	µg/L	0	WA
		Phenols	<5.0	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Phenols	<5.0	µg/L	0	WA
		Phenols	<5.0	µg/L	0	WA
		Phenols	<5.0	µg/L	0	WA
		Potassium	802	µg/L	0	GE
		Potassium	745	µg/L	0	GE
		Potassium	746	µg/L	0	GE
		Potassium	734	µg/L	0	WA
		Potassium	571	µg/L	0	WA
		Potassium	718	µg/L	0	WA
		Pyrene	<10	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Pyrene	<11	µg/L	0	WA
		Pyrene	<11	µg/L	0	WA
		Pyrene	<21	µg/L	0	WA
		Selenium	<2.0	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Selenium	<2.0	µg/L	0	WA
		Selenium	<2.0	µg/L	0	WA
		Selenium	<2.0	µg/L	0	WA
		Silica	43,900	µg/L	0	GE
		Silica	43,800	µg/L	0	GE
		Silica	43,700	µg/L	0	GE
		Silica	39,800	µg/L	0	WA
		Silica	40,800	µg/L	0	WA
		Silica	41,400	µg/L	0	WA
		Silver	<2.0	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Silver	<0.70	µg/L	0	WA
		Silver	0.90	µg/L	0	WA
		Silver	2.1	µg/L	0	WA
		Sodium	2,240	µg/L	0	GE
		Sodium	2,270	µg/L	0	GE
		Sodium	2,230	µg/L	0	GE
		Sodium	2,170	µg/L	0	WA
		Sodium	2,240	µg/L	0	WA
		Sodium	2,180	µg/L	0	WA
		Sulfate	8,820	µg/L	0	GE
		Sulfate	8,860	µg/L	0	GE
		Sulfate	9,460	µg/L	0	WA
		Sulfate	9,350	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<5.0	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	µg/L	0	WA
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tetrachloroethylene	<5.0	µg/L	0	WA
		Tetrachloroethylene	<5.0	µg/L	0	WA
		Tin	2.7	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 6A collected on 05/05/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Tin	<1.9	µg/L	0	WA
		Tin	<1.9	µg/L	0	WA
		Tin	4.7	µg/L	0	WA
		Toluene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Toluene	<5.0	µg/L	0	WA
		Toluene	<5.0	µg/L	0	WA
		Total dissolved solids	200,000	µg/L	0	GE
		Total dissolved solids	200,000	µg/L	0	GE
		Total dissolved solids	200,000	µg/L	0	WA
		Total dissolved solids	193,000	µg/L	0	WA
		Total dissolved solids	198,000	µg/L	0	WA
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<500	µg/L	0	WA
		Total organic carbon	745	µg/L	0	WA
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	17	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	WA
		Total organic halogens	19	µg/L	0	WA
		Total phosphates (as P)	<50	µg/L	0	GE
		Total phosphates (as P)	80	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Total phosphates (as P)	65	µg/L	0	WA
		Total phosphates (as P)	57	µg/L	0	WA
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<1.1	µg/L	0	WA
		Toxaphene	<1.1	µg/L	0	WA
		Toxaphene	<2.2	µg/L	0	WA
		Toxaphene	<4.7	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.55	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.56	µg/L	0	WA
		2,4,5-TP (Silvex)	<1.1	µg/L	0	WA
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,2,4-Trichlorobenzene	<11	µg/L	0	WA
		1,2,4-Trichlorobenzene	<11	µg/L	0	WA
		1,2,4-Trichlorobenzene	<21	µg/L	0	WA
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,1-Trichloroethane	<5.0	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	µg/L	0	WA
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<5.0	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	µg/L	0	WA
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichloroethylene	<5.0	µg/L	0	WA
		Trichloroethylene	<5.0	µg/L	0	WA
		Trichlorofluoromethane	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 6A collected on 05/05/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Trichlorofluoromethane	1.8	µg/L	0	WA
		Trichlorofluoromethane	1.5	µg/L	0	WA
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		2,4,6-Trichlorophenol	<11	µg/L	0	WA
		2,4,6-Trichlorophenol	<11	µg/L	0	WA
		2,4,6-Trichlorophenol	<21	µg/L	0	WA
		2,4,6-Trichlorophenol	<20	µg/L	0	WA
		Vanadium	<8.0	µg/L	0	GE
		Vanadium	<8.0	µg/L	J	GE
		Vanadium	<8.0	µg/L	0	GE
		Vanadium	<0.88	µg/L	0	WA
		Vanadium	<0.88	µg/L	0	WA
		Vanadium	<0.88	µg/L	0	WA
		Xylenes	<2.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Xylenes	<5.0	µg/L	0	WA
		Xylenes	<5.0	µg/L	0	WA
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Gross alpha	4.0E-01 ± 1.4E+00	pCi/L	0	BA
		Gross alpha	1.4E+00 ± 1.[illegible]E+00	pCi/L	0	BA
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	2.0E+00 ± 2.1E+00	pCi/L	0	BA
		Nonvolatile beta	2.0E+00 ± 2.1E+00	pCi/L	0	BA
		Radium-226	4.0E-01 ± 6.0E-01	pCi/L	0	BA
		Radium-226	1.0E-01 ± 5.0E-01	pCi/L	0	BA
		Radium-228	<2.0E+00	pCi/L	0	BA
		Radium-228	<2.0E+00	pCi/L	0	BA
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Tritium	<7.0E-01	pCi/mL	0	GE
		Tritium	<7.0E-01	pCi/mL	0	GE
		Tritium	5.1E+00 ± 4.0E-01	pCi/mL	0	BA
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-234	<1.0E+00	pCi/L	0	CN
		Uranium-234	<1.0E+00	pCi/L	0	CN
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	CN
		Uranium-235	<1.0E+00	pCi/L	0	CN
		Uranium-238	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	CN
		Uranium-238	<1.0E+00	pCi/L	0	CN

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 6C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N76487.1 E58307.0	33.290075 °N 81.661841 °W	168.0-158.0 ft msl	285.6 ft msl	4" PVC	McBean (IIB_1)

FIELD MEASUREMENTS

Sample date: 05/04/92
Depth to water: 65.13 ft (19.85 m) below TOC
Water elevation: 220.47 ft (67.20 m) msl
Sp. conductance: 136 µS/cm
Water evacuated before sampling: 164 gal
Time: 13:30
pH: 6.9
Alkalinity: 52 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	7.1	pH	0	GE
		Specific conductance	140	µS/cm	0	GE
•		Turbidity	1.2	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	<20	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	11	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	22,700	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	1,970	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 6C collected on 05/04/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.5	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
•		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	<4.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 6C collected on 05/04/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Isophorone	<10	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
•		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	500	µg/L	0	GE
		Manganese	<2.0	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
•		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	1,000	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	502	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	11,800	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	2,050	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	81,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	26	µg/L	1	GE
		Total phosphates (as P)	80	µg/L	0	GE
•		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 6C collected on 05/04/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	4.7E+00 ± 5.1E-01	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
	■	Tritium	8.5E+02 ± 4.5E+00	pCi/mL	2	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

WELL BGO 6D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N76487.3 E58297.1	33.290059 °N 81.661867 °W	237.2-217.2 ft msl	285.5 ft msl	4" PVC	Water Table (UB_2)

FIELD MEASUREMENTS

Sample date: 05/05/92
Depth to water: 54.22 ft (16.53 m) below TOC
Water elevation: 231.28 ft (70.50 m) msl
Sp. conductance: 124 µS/cm
Water evacuated before sampling: 6 gal
The well went dry during purging.

Time: 8:50
pH: 5.8
Alkalinity: 47 mg/L
Water temperature: 17.3°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	6.7	pH	0	GE
		Specific conductance	135	µS/cm	0	GE
		Turbidity	23	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	<20	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	26	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 6D collected on 05/05/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	18,600	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	1,800	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.3	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 6D collected on 05/05/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	<4.0	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	994	µg/L	0	GE
		Manganese	3.7	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	460	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	956	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	10,000	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	2,770	µg/L	0	GE
		Sulfate	2,020	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	2.2	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	69,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	20	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 6D collected on 05/05/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	2.2	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
	■	Trichloroethylene	19	µg/L	2	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
	■	Tritium	5.4E+02 ± 3.6E+00	pCi/mL	2	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

WELL BGO 7D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N76494.5 E57917.2	33.289455 °N 81.662882 °W	240.2-220.2 ft msl	287.0 ft msl	4" PVC	Water Table (IIB_2)

FIELD MEASUREMENTS

Sample date: 05/04/92
Depth to water: 55.21 ft (16.83 m) below TOC
Water elevation: 231.79 ft (70.65 m) msl
Sp. conductance: 31 µS/cm
Water evacuated before sampling: 31 gal
Time: 9:45
pH: 3.9
Alkalinity: 0 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	5.0	pH	0	GE
		Specific conductance	30	µS/cm	0	GE
•		Turbidity	1.1	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	31	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	7.4	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 7D collected on 05/04/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	752	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	2,540	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	2.5	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	1.3	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	1.8	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 7D collected on 05/04/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	38	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Lead	3.9	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	622	µg/L	0	GE
		Manganese	11	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	1,180	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	<500	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 7D collected on 05/04/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Silica	9,190	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	2,450	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
	■	Tetrachloroethylene	8.3	µg/L	2	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	27,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	66	µg/L	2	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	1.2	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
	■	Trichloroethylene	89	µg/L	2	GE
		Trichlorofluoromethane	1.2	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	1.3E+00 ± 8.0E-01	pCi/L	0	GE
	■	Tritium	2.9E+02 ± 2.7E+00	pCi/mL	2	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

WELL BGO 8AR

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N76598.8 E57617.5	33.289197 °N 81.663874 °W	104.6-94.6 ft msl	286.6 ft msl	4" PVC	U. Congaree (IIA)

FIELD MEASUREMENTS

Sample date: 04/29/92
Depth to water: 126.81 ft (38.65 m) below TOC
Water elevation: 159.79 ft (48.70 m) msl
Sp. conductance: 245 µS/cm
Water evacuated before sampling: 171 gal
Time: 14:25
pH: 8.1
Alkalinity: 108 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	7.9	pH	0	GE
		Specific conductance	240	µS/cm	0	GE
		Turbidity	<0.10	NTU	0	GE
		Turbidity	<0.10	NTU	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 8AR collected on 04/29/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	<20	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	27	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	47,800	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	2,910	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 8AR collected on 04/29/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.7	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	111	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	6.0	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	1,230	µg/L	0	GE
		Manganese	21	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	<50	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 8AR collected on 04/29/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	1,550	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	34,400	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	2,440	µg/L	0	GE
		Sulfate	7,380	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	2.4	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	169,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Tritium	<7.0E-01	pCi/mL	0	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 8C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N76579.2 E57618.7	33.289156 °N 81.663832 °W	184.3-174.3 ft msl	287.9 ft msl	4" PVC	McBean (IIB_1)

FIELD MEASUREMENTS

Sample date: 04/29/92
Depth to water: 64.29 ft (19.60 m) below TOC
Water elevation: 223.61 ft (68.16 m) msl
Sp. conductance: 137 µS/cm
Water evacuated before sampling: 129 gal

Time: 14:05
pH: 7.5
Alkalinity: 54 mg/L
Water temperature: 20.3°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	7.4	pH	0	GE
•		pH	7.4	pH	0	GE
		Specific conductance	120	µS/cm	0	GE
		Turbidity	0.34	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	<20	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	13	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	21,700	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	2,350	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 8C collected on 04/29/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.7	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 8C collected on 04/29/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	<4.0	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	555	µg/L	0	GE
		Manganese	<2.0	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	810	µg/L	0	GE
		Nitrate as nitrogen	820	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	2,110	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	13,000	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	3,570	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	84,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	80	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	1.2	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 8C collected on 04/29/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Tritium	<7.0E-01	pCi/mL	0	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

WELL BGO 8D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N76588.8 E57617.8	33.289175 °N 81.663853 °W	240.6-220.6 ft msl	287.8 ft msl	4" PVC	Water Table (IIB_2)

FIELD MEASUREMENTS

Sample date: 04/29/92
Depth to water: 55.88 ft (17.03 m) below TOC
Water elevation: 231.92 ft (70.69 m) msl
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 29 gal
Time: 14:40
pH: 5.1
Alkalinity: 0 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	5.2	pH	0	GE
		Specific conductance	26	µS/cm	0	GE
		Turbidity	128	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	26	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	11	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 8D collected on 04/29/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	937	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	2,490	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.1	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE

⊙ = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 8D collected on 04/29/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	11	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	450	µg/L	0	GE
		Manganese	15	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	1,050	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	<500	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	7,810	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	2,000	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	2.4	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	29,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 8D collected on 04/29/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	100	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	4.0	µg/L	1	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	2.0E+01 ± 1.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Tritium	1.3E+01 ± 6.0E-01	pCi/mL	1	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

WELL BGO 9D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N76811.6 E57478.9	33.289442 °N 81.664652 °W	229.2-209.2 ft msl	285.1 ft msl	4" PVC	Water Table (IIB_2)

FIELD MEASUREMENTS

Sample date: 04/29/92
Depth to water: 52.85 ft (16.11 m) below TOC
Water elevation: 232.25 ft (70.79 m) msl
Sp. conductance: 33 µS/cm
Water evacuated before sampling: 60 gal
Time: 15:45
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 20.6°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	5.1	pH	0	GE
		Specific conductance	30	µS/cm	0	GE
		Turbidity	0.67	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	23	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 9D collected on 04/29/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Barium	11	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	1,400	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	2,100	µg/L	0	GE
		Chloride	1,990	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.8	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 9D collected on 04/29/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	5.3	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	548	µg/L	0	GE
		Manganese	28	µg/L	1	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	1,570	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 9D collected on 04/29/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	<500	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	8,980	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	2,810	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	39,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	2.6	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Gross alpha	2.6E+00 ± 4.8E-01	pCi/L	0	GE
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	1.3E+00 ± 8.0E-01	pCi/L	0	GE
		Tritium	1.6E+01 ± 7.0E-01	pCi/mL	1	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 10AR

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N76806.0 E57063.8	33.288752 °N 81.665734 °W	106.5-96.5 ft msl	300.5 ft msl	4" PVC	U. Congaree (IIA)

FIELD MEASUREMENTS

Sample date: 04/29/92
Depth to water: 141.81 ft (43.22 m) below TOC
Water elevation: 158.69 ft (48.37 m) msl
Sp. conductance: 247 µS/cm
Water evacuated before sampling: 163 gal

Time: 12:50
pH: 8.0
Alkalinity: 107 mg/L
Water temperature: 19.8°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	7.9	pH	0	GE
		Specific conductance	240	µS/cm	0	GE
		Turbidity	0.58	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	<20	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	19	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 10AR collected on 04/29/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	46,900	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	2,680	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	C	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 10AR collected on 04/29/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.1	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 10AR collected on 04/29/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Di-n-octyl phthalate	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	<4.0	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	1,320	µg/L	0	GE
		Manganese	41	µg/L	1	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	<50	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 10AR collected on 04/29/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		2-Nitrophenol	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	1,640	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	29,300	µg/L	0	GE
		Silver	2.1	µg/L	0	GE
		Sodium	3,230	µg/L	0	GE
		Sulfate	7,350	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	5.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	155,000	µg/L	0	GE
		Total dissolved solids	136,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	80	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 10AR collected on 04/29/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Tritium	<7.0E-01	pCi/mL	0	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

WELL BGO 10C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N76805.2 E57041.1	33.288713 °N 81.665792 °W	167.3-157.3 ft msl	301.3 ft msl	4" PVC	Barnwell (IIB_1)

FIELD MEASUREMENTS

Sample date: 04/29/92
Depth to water: 80.16 ft (24.43 m) below TOC
Water elevation: 221.14 ft (67.40 m) msl
Sp. conductance: 134 µS/cm
Water evacuated before sampling: 30 gal
The well went dry during purging.
Time: 12:00
pH: 10.9
Alkalinity: 34 mg/L
Water temperature: 19.4°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	11	pH	2	GE
		Specific conductance	95	µS/cm	0	GE
		Turbidity	21	NTU	0	GE
		Turbidity	23	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 10C collected on 04/29/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Aluminum	<20	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	31	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	46,500	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	2,150	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 10C collected on 04/29/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	6.1	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	1,070	µg/L	0	GE
		Manganese	<2.0	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	480	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 10C collected on 04/29/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	675	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	25,500	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	4,600	µg/L	0	GE
		Sulfate	2,520	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	3.1	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	62,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	3.1E+00 ± 5.5E-01	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
	■	Tritium	1.6E+02 ± 2.0E+00	pCi/mL	2	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 10D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N76805.1 E57030.6	33.288696 °N 81.665820 °W	250.5-230.5 ft msl	301.5 ft msl	4" PVC	Water Table (IIB_2)

FIELD MEASUREMENTS

Sample date: 05/04/92 Time: 14:00
Depth to water: 69.45 ft (21.17 m) below TOC
Water elevation: 232.05 ft (70.73 m) msl
The well pumped dry before all field parameters were collected.

WELL BGO 11D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N76805.1 E56651.3	33.288077 °N 81.666819 °W	236.3-216.3 ft msl	305.3 ft msl	4" PVC	Water Table (IIB_2)

FIELD MEASUREMENTS

Sample date: 05/04/92 Time: 10:30
Depth to water: 73.17 ft (22.30 m) below TOC pH: 4.1
Water elevation: 232.13 ft (70.75 m) msl Alkalinity: 0 mg/L
Sp. conductance: 33 µS/cm Water temperature: 19.5°C
Water evacuated before sampling: 42 gal

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	5.0	pH	0	GE
		Specific conductance	35	µS/cm	0	GE
•		Turbidity	0.86	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	20	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	5.3	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 11D collected on 05/04/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	695	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	2,300	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	2.7	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 11D collected on 05/04/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	23	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	505	µg/L	0	GE
		Manganese	5.8	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	1,880	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	<500	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	7,330	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	3,130	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 11D collected on 05/04/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Total dissolved solids	23,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	1.4	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	1.8E+00 ± 7.0E-01	pCi/L	0	GE
		Total alpha-emitting radium	1.9E+00 ± 7.0E-01	pCi/L	0	GE
	■	Tritium	8.1E+02 ± 4.4E+00	pCi/mL	2	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

WELL BGO 12AR

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N76803.8 E56259.9	33.287435 °N 81.667847 °W	109.3-99.3 ft msl	313.4 ft msl	4" PVC	U. Congaree (IIA)

FIELD MEASUREMENTS

Sample date: 04/30/92
Depth to water: 155.33 ft (47.35 m) below TOC
Water elevation: 158.07 ft (48.18 m) msl
Sp. conductance: 223 µS/cm
Water evacuated before sampling: 272 gal
Time: 10:20
pH: 10.6
Alkalinity: 110 mg/L
Water temperature: 19.1°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
●		pH	10	pH	2	GE
●		pH	10	pH	2	GE
●		pH	10	pH	2	WA
●		pH	10	pH	2	WA
●		pH	10	pH	2	WA
		Specific conductance	168	µS/cm	0	GE
		Specific conductance	160	µS/cm	0	GE
●		Specific conductance	150	µS/cm	0	WA
●		Specific conductance	155	µS/cm	0	WA
●		Specific conductance	157	µS/cm	0	WA
		Turbidity	0.14	NTU	0	GE

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 12AR collected on 04/30/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Turbidity	0.10	NTU	0	GE
		Turbidity	0.15	NTU	0	WA
		Turbidity	0.29	NTU	0	WA
		Turbidity	0.15	NTU	0	WA
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthene	<11	µg/L	0	WA
		Acenaphthene	<11	µg/L	0	WA
		Acenaphthylene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acenaphthylene	<11	µg/L	0	WA
		Acenaphthylene	<11	µg/L	0	WA
		Acenaphthylene	<11	µg/L	0	WA
		Acetophenone	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Acetophenone	<11	µg/L	0	WA
		Acetophenone	<11	µg/L	0	WA
		Acetophenone	<11	µg/L	0	WA
		Aldrin	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	190	µg/L	1	GE
		Aluminum	190	µg/L	1	GE
		Aluminum	178	µg/L	1	WA
		Aluminum	172	µg/L	1	WA
		Anthracene	<10	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Anthracene	<11	µg/L	0	WA
		Anthracene	<11	µg/L	0	WA
		Anthracene	<11	µg/L	0	WA
		Antimony	<2.0	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Antimony	<2.6	µg/L	0	WA
		Antimony	<2.6	µg/L	0	WA
		Arsenic	10	µg/L	0	GE
		Arsenic	11	µg/L	0	GE
		Arsenic	8.9	µg/L	0	WA
		Arsenic	8.6	µg/L	0	WA
		Barium	54	µg/L	0	GE
		Barium	54	µg/L	0	GE
		Barium	51	µg/L	0	WA
		Barium	52	µg/L	0	WA
		Benzene	<1.0	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Benzene	<5.0	µg/L	0	WA
		Benzene	<5.0	µg/L	0	WA
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzidine	<55	µg/L	0	WA
		Benzidine	<55	µg/L	0	WA
		Benzidine	<55	µg/L	0	WA

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 12AR collected on 04/30/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<11	µg/L	0	WA
		Benzo[*a*]anthracene	<11	µg/L	0	WA
		Benzo[*a*]anthracene	<11	µg/L	0	WA
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<11	µg/L	0	WA
		Benzo[*b*]fluoranthene	<11	µg/L	0	WA
		Benzo[*b*]fluoranthene	<11	µg/L	0	WA
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<11	µg/L	0	WA
		Benzo[*k*]fluoranthene	<11	µg/L	0	WA
		Benzo[*k*]fluoranthene	<11	µg/L	0	WA
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<11	µg/L	0	WA
		Benzo[*g,h,i*]perylene	<11	µg/L	0	WA
		Benzo[*g,h,i*]perylene	<11	µg/L	0	WA
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<11	µg/L	0	WA
		Benzo[*a*]pyrene	<11	µg/L	0	WA
		Benzo[*a*]pyrene	<11	µg/L	0	WA
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<11	µg/L	0	WA
		Bis(2-chloroethoxy) methane	<11	µg/L	0	WA
		Bis(2-chloroethoxy) methane	<11	µg/L	0	WA
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<11	µg/L	0	WA
		Bis(2-chloroethyl) ether	<11	µg/L	0	WA
		Bis(2-chloroethyl) ether	<11	µg/L	0	WA
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<11	µg/L	0	WA
		Bis(2-chloroisopropyl) ether	<11	µg/L	0	WA
		Bis(2-chloroisopropyl) ether	<11	µg/L	0	WA
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	1.4	µg/L	0	WA
		Bis(2-ethylhexyl) phthalate	2.2	µg/L	0	WA
		Bis(2-ethylhexyl) phthalate	1.8	µg/L	0	WA
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromodichloromethane	<5.0	µg/L	0	WA
		Bromodichloromethane	<5.0	µg/L	0	WA
		Bromoform	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromoform	<5.0	µg/L	0	WA
		Bromoform	<5.0	µg/L	0	WA
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<10	µg/L	0	WA

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 12AR collected on 04/30/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Bromomethane (Methyl bromide)	<10	µg/L	0	WA
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		4-Bromophenyl phenyl ether	<11	µg/L	0	WA
		4-Bromophenyl phenyl ether	<11	µg/L	0	WA
		4-Bromophenyl phenyl ether	<11	µg/L	0	WA
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Butylbenzyl phthalate	<11	µg/L	0	WA
		Butylbenzyl phthalate	<11	µg/L	0	WA
		Butylbenzyl phthalate	<11	µg/L	0	WA
		Cadmium	<2.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Cadmium	<0.35	µg/L	0	WA
		Cadmium	<0.35	µg/L	0	WA
		Calcium	38,900	µg/L	0	GE
		Calcium	39,000	µg/L	0	GE
		Calcium	40,200	µg/L	0	WA
		Calcium	40,900	µg/L	0	WA
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Carbon tetrachloride	<5.0	µg/L	0	WA
		Carbon tetrachloride	<5.0	µg/L	0	WA
		Chlordane	<10	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	2,230	µg/L	0	GE
		Chloride	2,120	µg/L	0	GE
		Chloride	3,670	µg/L	0	WA
		Chloride	2,490	µg/L	0	WA
		Chlorobenzene	<1.0	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chlorobenzene	<5.0	µg/L	0	WA
		Chlorobenzene	<5.0	µg/L	0	WA
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		para-Chloro-meta-cresol	<11	µg/L	0	WA
		para-Chloro-meta-cresol	<11	µg/L	0	WA
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethane	<10	µg/L	0	WA
		Chloroethane	<10	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<10	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	µg/L	0	WA
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<10	µg/L	0	WA
		2-Chloroethyl vinyl ether	<10	µg/L	0	WA
		Chloroform	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloroform	<5.0	µg/L	0	WA
		Chloroform	<5.0	µg/L	0	WA
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<10	µg/L	0	WA

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 12AR collected on 04/30/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Chloromethane (Methyl chloride)	<10	µg/L	0	WA
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chloronaphthalene	<11	µg/L	0	WA
		2-Chloronaphthalene	<11	µg/L	0	WA
		2-Chloronaphthalene	<11	µg/L	0	WA
		2-Chlorophenol	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		2-Chlorophenol	<11	µg/L	0	WA
		2-Chlorophenol	<11	µg/L	0	WA
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<11	µg/L	0	WA
		4-Chlorophenyl phenyl ether	<11	µg/L	0	WA
		4-Chlorophenyl phenyl ether	<11	µg/L	0	WA
		Chromium	<4.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chromium	<1.1	µg/L	0	WA
		Chromium	<1.1	µg/L	0	WA
		Chrysene	<10	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Chrysene	<11	µg/L	0	WA
		Chrysene	<11	µg/L	0	WA
		Chrysene	<11	µg/L	0	WA
		Copper	<4.0	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE
		Copper	<1.1	µg/L	0	WA
		Copper	<1.1	µg/L	0	WA
		Cyanide	<5.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	WA
		Cyanide	<5.0	µg/L	0	WA
		Cyanide	<5.0	µg/L	0	WA
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<11	µg/L	0	WA
		Dibenz[*a,h*]anthracene	<11	µg/L	0	WA
		Dibenz[*a,h*]anthracene	<11	µg/L	0	WA
		Dibromochloromethane	<1.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Dibromochloromethane	<5.0	µg/L	0	WA
		Dibromochloromethane	<5.0	µg/L	0	WA
		Di-n-butyl phthalate	<10	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		Di-n-butyl phthalate	4.8	µg/L	0	WA
		Di-n-butyl phthalate	2.8	µg/L	0	WA
		Di-n-butyl phthalate	4.6	µg/L	0	WA
		1,2-Dichlorobenzene	<11	µg/L	0	WA
		1,2-Dichlorobenzene	<11	µg/L	0	WA
		1,2-Dichlorobenzene	<11	µg/L	0	WA

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 12AR collected on 04/30/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		1,3-Dichlorobenzene	<11	µg/L	0	WA
		1,3-Dichlorobenzene	<11	µg/L	0	WA
		1,3-Dichlorobenzene	<11	µg/L	0	WA
		1,4-Dichlorobenzene	<11	µg/L	0	WA
		1,4-Dichlorobenzene	<11	µg/L	0	WA
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<22	µg/L	0	WA
		3,3'-Dichlorobenzidine	<22	µg/L	0	WA
		3,3'-Dichlorobenzidine	<22	µg/L	0	WA
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<5.0	µg/L	0	WA
		1,1-Dichloroethane	<5.0	µg/L	0	WA
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<5.0	µg/L	0	WA
		1,2-Dichloroethane	<5.0	µg/L	0	WA
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<5.0	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	µg/L	0	WA
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<5.0	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	µg/L	0	WA
		Dichloromethane (Methylene chloride)	2.2	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	2.4	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0	µg/L	0	WA
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenol	<11	µg/L	0	WA
		2,4-Dichlorophenol	<11	µg/L	0	WA
		2,4-Dichlorophenol	<11	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<1.1	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<2.1	µg/L	0	WA
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		1,2-Dichloropropane	<5.0	µg/L	0	WA
		1,2-Dichloropropane	<5.0	µg/L	0	WA
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<5.0	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	µg/L	0	WA
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<5.0	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	µg/L	0	WA
		Dieldrin	<10	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 12AR collected on 04/30/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Diethyl phthalate	<11	µg/L	0	WA
		Diethyl phthalate	<11	µg/L	0	WA
		Diethyl phthalate	<11	µg/L	0	WA
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<11	µg/L	0	WA
		2,4-Dimethyl phenol	<11	µg/L	0	WA
		2,4-Dimethyl phenol	<11	µg/L	0	WA
		Dimethyl phthalate	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		Dimethyl phthalate	<11	µg/L	0	WA
		Dimethyl phthalate	<11	µg/L	0	WA
		Dimethyl phthalate	<11	µg/L	0	WA
		4,6-Dinitro-ortho-cresol	<55	µg/L	0	WA
		4,6-Dinitro-ortho-cresol	<55	µg/L	0	WA
		4,6-Dinitro-ortho-cresol	<55	µg/L	0	WA
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrophenol	<55	µg/L	0	WA
		2,4-Dinitrophenol	<55	µg/L	0	WA
		2,4-Dinitrophenol	<55	µg/L	0	WA
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,4-Dinitrotoluene	<11	µg/L	0	WA
		2,4-Dinitrotoluene	<11	µg/L	0	WA
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<11	µg/L	0	WA
		2,6-Dinitrotoluene	<11	µg/L	0	WA
		2,6-Dinitrotoluene	<11	µg/L	0	WA
		Di-n-octyl phthalate	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		Di-n-octyl phthalate	<11	µg/L	0	WA
		Di-n-octyl phthalate	<11	µg/L	0	WA
		Di-n-octyl phthalate	<11	µg/L	0	WA
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin	<0.11	µg/L	0	WA
		Endrin	<0.11	µg/L	0	WA
		Endrin	<0.23	µg/L	0	WA
		Endrin aldehyde	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Ethylbenzene	<5.0	µg/L	0	WA
		Ethylbenzene	<5.0	µg/L	0	WA

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 12AR collected on 04/30/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Fluoranthene	<10	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluoranthene	<11	µg/L	0	WA
		Fluoranthene	<11	µg/L	0	WA
		Fluoranthene	<11	µg/L	0	WA
		Fluorene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluorene	<11	µg/L	0	WA
		Fluorene	<11	µg/L	0	WA
		Fluorene	<11	µg/L	0	WA
		Fluoride	<100	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Fluoride	<100	µg/L	0	WA
		Fluoride	<100	µg/L	0	WA
		Heptachlor	<10	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobenzene	<11	µg/L	0	WA
		Hexachlorobenzene	<11	µg/L	0	WA
		Hexachlorobenzene	<11	µg/L	0	WA
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorobutadiene	<11	µg/L	0	WA
		Hexachlorobutadiene	<11	µg/L	0	WA
		Hexachlorobutadiene	<11	µg/L	0	WA
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<11	µg/L	0	WA
		Hexachlorocyclopentadiene	<11	µg/L	0	WA
		Hexachlorocyclopentadiene	<11	µg/L	0	WA
		Hexachloroethane	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Hexachloroethane	<11	µg/L	0	WA
		Hexachloroethane	<11	µg/L	0	WA
		Hexachloroethane	<11	µg/L	0	WA
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<11	µg/L	0	WA
		Indeno[*1,2,3-c,d*]pyrene	<11	µg/L	0	WA
		Indeno[*1,2,3-c,d*]pyrene	<11	µg/L	0	WA
		Iron	<4.0	µg/L	0	GE
		Iron	<4.0	µg/L	0	GE
		Iron	2.8	µg/L	0	WA
		Iron	3.0	µg/L	0	WA
		Isophorone	<10	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Isophorone	<11	µg/L	0	WA
		Isophorone	<11	µg/L	0	WA
		Isophorone	<11	µg/L	0	WA
		Lead	<3.0	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lead	<2.0	µg/L	0	WA
		Lead	<2.0	µg/L	0	WA

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 12AR collected on 04/30/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Lindane	<0.057	µg/L	0	WA
		Lindane	<0.057	µg/L	0	WA
		Lindane	<0.11	µg/L	0	WA
		Magnesium	174	µg/L	0	GE
		Magnesium	175	µg/L	0	GE
		Magnesium	168	µg/L	0	WA
		Magnesium	162	µg/L	0	WA
		Manganese	<2.0	µg/L	0	GE
		Manganese	<2.0	µg/L	0	GE
		Manganese	1.2	µg/L	0	WA
		Manganese	1.1	µg/L	0	WA
		Mercury	<0.20	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Mercury	0.23	µg/L	0	WA
		Mercury	0.25	µg/L	0	WA
		Methoxychlor	<0.50	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Methoxychlor	<0.57	µg/L	0	WA
		Methoxychlor	<0.57	µg/L	0	WA
		Methoxychlor	<1.1	µg/L	0	WA
		Methoxychlor	<2.3	µg/L	0	WA
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Naphthalene	<11	µg/L	0	WA
		Naphthalene	<11	µg/L	0	WA
		Naphthalene	<11	µg/L	0	WA
		Nickel	<4.0	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nickel	<3.1	µg/L	0	WA
		Nickel	<3.1	µg/L	0	WA
		Nitrate as nitrogen	60	µg/L	0	GE
		Nitrate as nitrogen	1,030	µg/L	0	GE
		Nitrate as nitrogen	296	µg/L	0	WA
		Nitrate as nitrogen	297	µg/L	0	WA
		Nitrobenzene	<10	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		Nitrobenzene	<11	µg/L	0	WA
		Nitrobenzene	<11	µg/L	0	WA
		Nitrobenzene	<11	µg/L	0	WA
		2-Nitrophenol	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		2-Nitrophenol	<11	µg/L	0	WA
		2-Nitrophenol	<11	µg/L	0	WA
		2-Nitrophenol	<11	µg/L	0	WA
		4-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<55	µg/L	0	WA
		4-Nitrophenol	<55	µg/L	0	WA
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 12AR collected on 04/30/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		N-Nitrosodimethylamine	<11	µg/L	0	WA
		N-Nitrosodimethylamine	<11	µg/L	0	WA
		N-Nitrosodimethylamine	<11	µg/L	0	WA
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<11	µg/L	0	WA
		N-Nitrosodiphenylamine	<11	µg/L	0	WA
		N-Nitrosodiphenylamine	<11	µg/L	0	WA
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<11	µg/L	0	WA
		N-Nitrosodipropylamine	<11	µg/L	0	WA
		PCB 1016	<150	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Pentachlorophenol	<55	µg/L	0	WA
		Pentachlorophenol	<55	µg/L	0	WA
		Phenanthrene	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenanthrene	<11	µg/L	0	WA
		Phenanthrene	<11	µg/L	0	WA
		Phenanthrene	<11	µg/L	0	WA
		Phenol	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenol	<11	µg/L	0	WA
		Phenol	<11	µg/L	0	WA
		Phenols	<5.0	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Phenols	<5.0	µg/L	0	WA
		Phenols	<5.0	µg/L	0	WA
		Potassium	4,870	µg/L	0	GE
		Potassium	4,890	µg/L	0	GE
		Potassium	4,120	µg/L	0	WA
		Potassium	4,090	µg/L	0	WA
		Pyrene	<10	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Pyrene	<11	µg/L	0	WA
		Pyrene	<11	µg/L	0	WA
		Selenium	<2.0	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Selenium	<2.0	µg/L	0	WA
		Selenium	<2.0	µg/L	0	WA
		Silica	31,700	µg/L	0	GE

▬ = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 12AR collected on 04/30/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Silica	31,900	µg/L	0	GE
		Silica	29,400	µg/L	0	WA
		Silica	29,600	µg/L	0	WA
		Silver	<2.0	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Silver	<0.70	µg/L	0	WA
		Silver	<0.70	µg/L	0	WA
		Sodium	3,730	µg/L	0	GE
		Sodium	3,740	µg/L	0	GE
		Sodium	3,510	µg/L	0	WA
		Sodium	3,580	µg/L	0	WA
		Sulfate	5,240	µg/L	0	GE
		Sulfate	5,210	µg/L	0	GE
		Sulfate	6,110	µg/L	0	WA
		Sulfate	6,110	µg/L	0	WA
		Sulfate	6,190	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<5.0	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	µg/L	0	WA
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tetrachloroethylene	<5.0	µg/L	0	WA
		Tetrachloroethylene	<5.0	µg/L	0	WA
		Tin	<2.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Tin	<1.9	µg/L	0	WA
		Tin	<1.9	µg/L	0	WA
		Toluene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Toluene	<5.0	µg/L	0	WA
		Toluene	<5.0	µg/L	0	WA
		Total dissolved solids	117,000	µg/L	0	GE
		Total dissolved solids	112,000	µg/L	0	GE
		Total dissolved solids	88,000	µg/L	0	WA
		Total dissolved solids	84,000	µg/L	0	WA
		Total dissolved solids	82,000	µg/L	0	WA
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	11,800	µg/L	2	WA
		Total organic carbon	11,000	µg/L	2	WA
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<10	µg/L	0	WA
		Total organic halogens	<5.0	µg/L	0	WA
		Total organic halogens	<10	µg/L	0	WA
		Total phosphates (as P)	60	µg/L	0	GE
		Total phosphates (as P)	70	µg/L	0	GE
		Total phosphates (as P)	163	µg/L	0	WA
		Total phosphates (as P)	110	µg/L	0	WA
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 12AR collected on 04/30/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Toxaphene	<1.1	µg/L	0	WA
		Toxaphene	<1.1	µg/L	0	WA
		Toxaphene	<2.3	µg/L	0	WA
		Toxaphene	<4.5	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.54	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.53	µg/L	0	WA
		2,4,5-TP (Silvex)	<1.1	µg/L	0	WA
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,2,4-Trichlorobenzene	<11	µg/L	0	WA
		1,2,4-Trichlorobenzene	<11	µg/L	0	WA
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,1-Trichloroethane	<5.0	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	µg/L	0	WA
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<5.0	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	µg/L	0	WA
	■	Trichloroethylene	6.2	µg/L	2	GE
	■	Trichloroethylene	8.2	µg/L	2	GE
	■	Trichloroethylene	6.1	µg/L	2	WA
	■	Trichloroethylene	5.8	µg/L	2	WA
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<5.0	µg/L	0	WA
		Trichlorofluoromethane	<5.0	µg/L	0	WA
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		2,4,6-Trichlorophenol	<11	µg/L	0	WA
		2,4,6-Trichlorophenol	<11	µg/L	0	WA
		2,4,6-Trichlorophenol	<11	µg/L	0	WA
		Vanadium	<8.0	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Vanadium	4.3	µg/L	0	WA
		Vanadium	3.6	µg/L	0	WA
		Xylenes	<2.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Xylenes	<5.0	µg/L	0	WA
		Xylenes	<5.0	µg/L	0	WA
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Gross alpha	<1.1E+00	pCi/L	0	TM
		Gross alpha	<1.1E+00	pCi/L	0	TM
		Gross alpha	1.0E+00 ± 7.0E-01	pCi/L	0	TM
		Nonvolatile beta	3.5E+00 ± 6.0E-01	pCi/L	0	GE
		Nonvolatile beta	3.0E+00 ± 5.2E-01	pCi/L	0	GE
		Nonvolatile beta	4.3E+00 ± 1.1E+00	pCi/L	0	TM
		Nonvolatile beta	4.2E+00 ± 1.1E+00	pCi/L	0	TM
		Nonvolatile beta	4.2E+00 ± 1.1E+00	pCi/L	0	TM
		Radium-226	<2.2E-01	pCi/L	0	TM
		Radium-226	<5.2E-01	pCi/L	0	TM
		Radium-226	<2.2E-01	pCi/L	0	TM
		Radium-228	<9.0E-01	pCi/L	0	TM

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 12AR collected on 04/30/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Radium-228	1.3E+00 ± 7.3E-01	pCi/L	0	TM
		Radium-228	<9.0E-01	pCi/L	0	TM
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Tritium	<7.0E-01	pCi/mL	0	GE
		Tritium	<7.0E-01	pCi/mL	0	GE
		Tritium	4.1E-01 ± 5.2E-02	pCi/mL	0	TM
		Tritium	4.3E-01 ± 3.5E-02	pCi/mL	0	TM
		Tritium	5.7E-01 ± 4.0E-02	pCi/mL	0	TM
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-234	<1.0E+00	pCi/L	0	CN
		Uranium-234	<1.0E+00	pCi/L	0	CN
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	CN
		Uranium-235	<1.0E+00	pCi/L	0	CN
		Uranium-238	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	CN
		Uranium-238	<1.0E+00	pCi/L	0	CN

WELL BGO 12CR

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N76806.0 E56215.2	33.287367 °N 81.667969 °W	154.0-144.0 ft msl	314.0 ft msl	4" PVC	Barnwell (IIB_1)

FIELD MEASUREMENTS

Sample date: 05/05/92
Depth to water: 91.93 ft (28.02 m) below TOC
Water elevation: 222.07 ft (67.69 m) msl
Sp. conductance: 193 µS/cm
Water evacuated before sampling: 44 gal
The well went dry during purging.

Time: 9:45
pH: 10.1
Alkalinity: 62 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	11	pH	2	GE
		Specific conductance	140	µS/cm	0	GE
		Specific conductance	140	µS/cm	0	GE
		Turbidity	0.58	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	715	µg/L	2	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	2.1	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 12CR collected on 05/05/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Barium	7.3	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	17,000	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	1,970	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	6.8	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.4	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 12CR collected on 05/05/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	228	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	7.3	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	81	µg/L	0	GE
		Manganese	<2.0	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	530	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 12CR collected on 05/05/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Potassium	3,930	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	17,100	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	12,400	µg/L	0	GE
		Sulfate	6,250	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	95,000	µg/L	0	GE
		Total dissolved solids	100,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	48	µg/L	1	GE
		Total phosphates (as P)	130	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
	■	Trichloroethylene	50	µg/L	2	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	23	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Tritium	<7.0E-01	pCi/mL	0	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 12D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N76805.2 E56231.1	33.287391 °N 81.667925 °W	237.8-217.8 ft msl	313.7 ft msl	4" PVC	Water Table (IIB_2)

FIELD MEASUREMENTS

Sample date: 05/05/92
Depth to water: 81.48 ft (24.84 m) below TOC
Water elevation: 232.22 ft (70.78 m) msl
Sp. conductance: 136 µS/cm
Water evacuated before sampling: 9 gal
The well went dry during purging.

Time: 9:25
pH: 6.1
Alkalinity: 47 mg/L
Water temperature: 18.4°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	6.8	pH	0	GE
		Specific conductance	110	µS/cm	0	GE
		Turbidity	14	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	<20	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	49	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	20,300	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	2,490	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 12D collected on 05/05/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.4	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	15	µg/L	0	GE

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 12D collected on 05/05/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Isophorone	<10	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	915	µg/L	0	GE
		Manganese	11	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	5.5	µg/L	0	GE
		Nitrate as nitrogen	1,780	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	2,150	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	8,580	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	3,820	µg/L	0	GE
		Sulfate	4,290	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	1.1	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	81,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	96	µg/L	2	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
	■	Trichloroethylene	177	µg/L	2	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 12D collected on 05/05/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Gross alpha	2.0E+00 ± 3.8E-01	pCi/L	0	GE
		Nonvolatile beta	4.2E+00 ± 5.3E-01	pCi/L	0	GE
		Total alpha-emitting radium	1.4E+00 ± 1.0E+00	pCi/L	0	GE
	■	Tritium	2.7E+01 ± 9.0E-01	pCi/mL	2	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

WELL BGO 13DR

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N76824.7 E55840.4	33.286797 °N 81.668992 °W	220.3-210.3 ft msl	319.3 ft msl	4" PVC	Barnwell (IIB_1)

FIELD MEASUREMENTS

Sample date: 05/21/92 Time: 14:45
Inaccessibility or pump failure prevented sample collection.

WELL BGO 13DR

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N76824.7 E55840.4	33.286797 °N 81.668992 °W	220.3-210.3 ft msl	319.3 ft msl	4" PVC	Barnwell (IIB_1)

FIELD MEASUREMENTS

Sample date: 05/29/92
Depth to water: 87.56 ft (26.69 m) below TOC
Water elevation: 231.74 ft (70.64 m) msl
Sp. conductance: 94 µS/cm
Water evacuated before sampling: 9 gal
The well went dry during purging.

Time: 9:20
pH: 6.2
Alkalinity: 21 mg/L
Water temperature: 19.3°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	7.1	pH	0	GE
•		pH	7.1	pH	0	GE
		Specific conductance	70	µS/cm	0	GE
•		Turbidity	12	NTU	0	GE
•		Turbidity	12	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	<20	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 13DR collected on 05/29/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Aluminum	<20	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	17	µg/L	0	GE
		Barium	17	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	4,400	µg/L	0	GE
		Calcium	4,410	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	2,240	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 13DR collected on 05/29/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	3.3	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	38	µg/L	0	GE
		Iron	38	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	474	µg/L	0	GE
		Magnesium	476	µg/L	0	GE
		Manganese	83	µg/L	2	GE
		Manganese	83	µg/L	2	GE
		Mercury	<0.20	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	4.8	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	910	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 13DR collected on 05/29/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	1,360	µg/L	0	GE
		Potassium	1,340	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	6,870	µg/L	0	GE
		Silica	6,910	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	10,500	µg/L	0	GE
		Sodium	10,600	µg/L	0	GE
		Sulfate	12,900	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	45,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	3.7	µg/L	1	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
	■	Tritium	1.1E+02 ± 1.7E+00	pCi/mL	2	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 14AR

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N76351.8 E55788.9	33.285667 °N 81.668209 °W	106.8-96.8 ft msl	300.7 ft msl	4" PVC	U. Congaree (IIA)

FIELD MEASUREMENTS

Sample date: 04/30/92
Depth to water: 141.48 ft (43.12 m) below TOC
Water elevation: 159.22 ft (48.53 m) msl
Sp. conductance: 319 µS/cm
Water evacuated before sampling: 288 gal

Time: 14:30
pH: 11.0
Alkalinity: 125 mg/L
Water temperature: 19.4°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	11	pH	2	GE
		Specific conductance	242	µS/cm	0	GE
		Turbidity	<0.10	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	954	µg/L	2	GE
		Anthracene	<10	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	7.3	µg/L	0	GE
		Barium	92	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 14AR collected on 04/30/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	42,300	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	2,190	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 14AR collected on 04/30/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	1.4	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	125	µg/L	0	GE
		Fluoride	121	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 14AR collected on 04/30/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Iron	<4.0	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	438	µg/L	0	GE
		Manganese	5.6	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	170	µg/L	0	GE
		Nitrate as nitrogen	170	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	11,500	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	20,200	µg/L	0	GE

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 14AR collected on 04/30/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Silver	<2.0	µg/L	0	GE
		Sodium	9,020	µg/L	0	GE
		Sulfate	3,900	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	169,000	µg/L	0	GE
		Total organic carbon	1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	90	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	3.6	µg/L	1	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	8.8E+00 ± 7.4E-01	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Tritium	7.1E+00 ± 5.0E-01	pCi/mL	0	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 14CR

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N76337.8 E55789.0	33.285636 °N 81.668181 °W	200.1-190.1 ft msl	300.5 ft msl	4" PVC	Barnwell (IIB_1)

FIELD MEASUREMENTS

Sample date: 05/05/92
Depth to water: 74.19 ft (22.61 m) below TOC
Water elevation: 226.31 ft (68.98 m) msl
Sp. conductance: 126 µS/cm
Water evacuated before sampling: 15 gal
The well went dry during purging.

Time: 10:20
pH: 7.2
Alkalinity: 27 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	6.7	pH	0	GE
		Specific conductance	95	µS/cm	0	GE
		Turbidity	6.4	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	<20	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	21	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	5,060	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	2,430	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 14CR collected on 05/05/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.6	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	422	µg/L	2	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 14CR collected on 05/05/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Isophorone	<10	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	1,160	µg/L	0	GE
		Manganese	40	µg/L	1	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	6.9	µg/L	0	GE
		Nitrate as nitrogen	850	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	4,190	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	11,300	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	6,100	µg/L	0	GE
		Sulfate	8,700	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	77,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	30	µg/L	1	GE
		Total phosphates (as P)	50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	7.2	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
	■	Trichloroethylene	49	µg/L	2	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 14CR collected on 05/05/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	1.1E+01 ± 8.4E-01	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
	■	Tritium	2.5E+01 ± 8.0E-01	pCi/mL	2	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

WELL BGO 14DR

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N76322.1 E55789.4	33.285602 °N 81.668150 °W	238.1-218.1 ft msl	300.3 ft msl	4" PVC	Water Table ($IIIB_2$)

FIELD MEASUREMENTS

Sample date: 05/04/92
Depth to water: 68.93 ft (21.01 m) below TOC
Water elevation: 231.37 ft (70.52 m) msl
Sp. conductance: 39 µS/cm
Water evacuated before sampling: 36 gal
Time: 11:00
pH: 5.0
Alkalinity: 3 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	5.8	pH	0	GE
		Specific conductance	30	µS/cm	0	GE
		Turbidity	1.3	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	<20	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	8.6	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 14DR collected on 05/04/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Bromoform	<1.0	µg/L	C	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	1,530	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	3,300	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.5	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 14DR collected on 05/04/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	4.5	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Lead	3.8	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	554	µg/L	0	GE
		Manganese	30	µg/L	1	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	4.6	µg/L	0	GE
		Nitrate as nitrogen	1,050	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	<500	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	8,230	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	3,690	µg/L	0	GE
		Sulfate	1,790	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	2.4	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	40,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	51	µg/L	2	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 14DR collected on 05/04/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
	■	Trichloroethylene	25	µg/L	2	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	2.3E+00 ± 5.5E-01	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
	■	Tritium	1.1E+02 ± 1.7E+00	pCi/mL	2	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

WELL BGO 15D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N75973.5 E55859.1	33.284945 °N 81.667289 °W	238.7-218.7 ft msl	298.7 ft msl	4" PVC	Water Table (IIB_2)

FIELD MEASUREMENTS

Sample date: 05/04/92
Depth to water: 67.75 ft (20.65 m) below TOC
Water elevation: 230.95 ft (70.39 m) msl
Sp. conductance: 34 µS/cm
Water evacuated before sampling: 32 gal
Time: 11:30
pH: 4.9
Alkalinity: 3 mg/L
Water temperature: 20.3°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	5.7	pH	0	GE
		Specific conductance	30	µS/cm	0	GE
•		Turbidity	4.1	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	<20	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 15D collected on 05/04/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Barium	9.3	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	2,190	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	2,100	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 15D collected on 05/04/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Chrysene	<10	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 15D collected on 05/04/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	<4.0	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	445	µg/L	0	GE
		Manganese	6.8	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	1,110	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 15D collected on 05/04/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	<500	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	7,200	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	2,340	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	4.4	µg/L	1	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	24,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	62	µg/L	2	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
	■	Trichloroethylene	91	µg/L	2	GE
		Trichlorofluoromethane	1.6	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	1.0E+00 ± 9.0E-01	pCi/L	0	GE
	■	Tritium	6.9E+02 ± 4.1E+00	pCi/mL	2	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 16A

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N75757.0 E56194.2	33.285013 °N 81.665986 °W	112.5-102.5 ft msl	305.0 ft msl		U. Congaree (IIA)

FIELD MEASUREMENTS

Sample date: 06/16/92
Depth to water: 143.15 ft (43.63 m) below TOC
Water elevation: 161.85 ft (49.33 m) msl
Sp. conductance: 2160 µS/cm
Water evacuated before sampling: 23 gal
The well went dry during purging.

Time: 10:10
pH: 11.0
Alkalinity: 516 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	12	pH	2	GE
		Specific conductance	1,850	µS/cm	2	GE
		Turbidity	0.23	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	594	µg/L	2	GE
		Aluminum	598	µg/L	2	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	106	µg/L	0	GE
		Barium	106	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	94,000	µg/L	0	GE
		Calcium	94,700	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 16A collected on 06/16/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Chloride	1,250	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	3.8	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	202	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 16A collected on 06/16/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	<4.0	µg/L	0	GE
		Iron	<4.0	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	35	µg/L	0	GE
		Magnesium	35	µg/L	0	GE
		Manganese	<2.0	µg/L	0	GE
		Manganese	<2.0	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	<50	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	11,400	µg/L	0	GE
		Potassium	11,600	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	31,000	µg/L	0	GE
		Silica	31,200	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	11,100	µg/L	0	GE
		Sodium	11,200	µg/L	0	GE
		Sulfate	9,680	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	437,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 16A collected on 06/16/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	6.6E+00 ± 1.7E+00	pCi/L	0	GE
		Total alpha-emitting radium	1.1E+00 ± 8.0E-01	pCi/L	0	GE
		Tritium	<7.0E-01	pCi/mL	0	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

WELL BGO 16D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N75751.4 E56202.1	33.285013 °N 81.665954 °W	237.3-217.3 ft msl	304.6 ft msl	4" PVC	Water Table (IIB_2)

FIELD MEASUREMENTS

Sample date: 06/16/92
Depth to water: 73.07 ft (22.27 m) below TOC
Water elevation: 231.53 ft (70.57 m) msl
Sp. conductance: 481 µS/cm
Water evacuated before sampling: 5 gal
The well went dry during purging.

Time: 10:25
pH: 10.2
Alkalinity: 159 mg/L
Water temperature: 20.1°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	11	pH	2	GE
		Specific conductance	370	µS/cm	1	GE
		Turbidity	29	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	134	µg/L	1	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	26	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 16D collected on 06/16/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	1,470	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	1,490	µg/L	0	GE
		Chloride	1,540	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	5.5	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.2	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 16D collected on 06/16/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	31	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	172	µg/L	0	GE
		Manganese	<2.0	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	160	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	18,900	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 16D collected on 06/16/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	9,300	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	45,600	µg/L	0	GE
		Sulfate	3,780	µg/L	0	GE
		Sulfate	3,720	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	167,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	31	µg/L	1	GE
		Total phosphates (as P)	125	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
	■	Trichloroethylene	12	µg/L	2	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	6.4E+00 ± 1.6E+00	pCi/L	0	GE
		Total alpha-emitting radium	1.7E+00 ± 8.0E-01	pCi/L	0	GE
		Total alpha-emitting radium	2.0E+00 ± 9.0E-01	pCi/L	0	GE
	■	Tritium	1.0E+03 ± 4.7E+00	pCi/mL	2	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

WELL BGO 17D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N75599.6 E56399.4	33.285000 °N 81.665140 °W	224.0-204.0 ft msl	298.3 ft msl	4" PVC	Water Table (IIB_2)

FIELD MEASUREMENTS

Sample date: 06/15/92 Time: 12:30
Inaccessibility or pump failure prevented sample collection.

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 18A

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N75599.9 E56699.7	33.285490 °N 81.664350 °W	109.5-99.5 ft msl	295.2 ft msl		U. Congaree (IIA)

FIELD MEASUREMENTS

Sample date: 06/15/92
Depth to water: 133.25 ft (40.62 m) below TOC
Water elevation: 161.95 ft (49.36 m) msl
Sp. conductance: 196 µS/cm
Water evacuated before sampling: 167 gal
Time: 13:00
pH: 6.6
Alkalinity: 73 mg/L
Water temperature: 19.8°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	7.1	pH	0	GE
		Specific conductance	197	µS/cm	0	GE
		Turbidity	0.20	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	<20	µg/L	0	GE
		Aluminum	<20	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	36	µg/L	0	GE
		Barium	36	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 18A collected on 06/15/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Calcium	33,900	µg/L	0	GE
		Calcium	33,800	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	2,540	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	3.5	µg/L	0	GE
		Dichloromethane (Methylene chloride)	3.0	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 18A collected on 06/15/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	127	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	26	µg/L	0	GE
		Iron	26	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	1,190	µg/L	0	GE
		Magnesium	1,190	µg/L	0	GE
		Manganese	52	µg/L	2	GE
		Manganese	52	µg/L	2	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	<50	µg/L	0	GE
		Nitrate as nitrogen	<50	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 18A collected on 06/15/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	915	µg/L	0	GE
		Potassium	925	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	35,400	µg/L	0	GE
		Silica	35,300	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	2,150	µg/L	0	GE
		Sodium	2,150	µg/L	0	GE
		Sulfate	8,710	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	5.1	µg/L	0	GE
		Tin	3.3	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	134,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	591	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Gross alpha	2.5E+00 ± 8.0E-01	pCi/L	0	GE
		Nonvolatile beta	2.5E+00 ± 1.3E+00	pCi/L	0	GE
		Total alpha-emitting radium	1.0E+00 ± 6.0E-01	pCi/L	0	GE
		Tritium	<7.0E-01	pCi/mL	0	GE
		Tritium	<7.0E-01	pCi/mL	0	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 18D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N75600.0 E56711.2	33.285509 °N 81.664320 °W	239.6-219.6 ft msl	294.9 ft msl	4" PVC	Water Table (IIB_2)

FIELD MEASUREMENTS

Sample date: 06/15/92
Depth to water: 61.87 ft (18.86 m) below TOC
Water elevation: 233.03 ft (71.03 m) msl
Sp. conductance: 26 µS/cm
Water evacuated before sampling: 35 gal
Time: 12:35
pH: 4.0
Alkalinity: 0 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	4.8	pH	0	GE
		Specific conductance	25	µS/cm	0	GE
		Turbidity	0.13	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	46	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	7.8	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	646	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	1,760	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 18D collected on 06/15/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	4.7	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.2	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	5.9	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 18D collected on 06/15/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	270	µg/L	0	GE
		Manganese	12	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	1,030	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	<500	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	8,830	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	1,700	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	19,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	6.4	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	1.1	µg/L	0	GE
		Trichlorofluoromethane	2.3	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Gross alpha	2.4E+00 ± 7.0E-01	pCi/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 18D collected on 06/15/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	1.3E+00 ± 6.0E-01	pCi/L	0	GE
		Tritium	1.4E+01 ± 7.0E-01	pCi/mL	1	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

WELL BGO 19D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N75350.0 E56997.3	33.285423 °N 81.663081 °W	213.9-193.9 ft msl	287.2 ft msl	4" PVC	Water Table (IIB_2)

FIELD MEASUREMENTS

Sample date: 06/15/92 Time: 12:25
Inaccessibility or pump failure prevented sample collection.

WELL BGO 20D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N74962.2 E57113.8	33.284755 °N 81.662021 °W	236.3-216.3 ft msl	283.7 ft msl	4" PVC	Water Table (IIB_2)

FIELD MEASUREMENTS

Sample date: 06/16/92 Time: 11:00
Depth to water: 49.48 ft (15.08 m) below TOC pH: 5.0
Water elevation: 234.22 ft (71.39 m) msl Alkalinity: 17 mg/L
Sp. conductance: 74 µS/cm Water temperature: 20.2°C
Water evacuated before sampling: 9 gal
The well went dry during purging.

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	5.8	pH	0	GE
		Specific conductance	68	µS/cm	0	GE
		Turbidity	4.9	NTU	0	GE
		Turbidity	5.0	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	<20	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	2.5	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	45	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 20D collected on 06/16/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	4,760	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	1,950	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	1.2	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.8	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 20D collected on 06/16/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	18	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Lead	4.1	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	1,150	µg/L	0	GE
		Manganese	65	µg/L	2	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	6.8	µg/L	0	GE
		Nitrate as nitrogen	1,860	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	1,100	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 20D collected on 06/16/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	8,760	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	5,790	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	42,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	11	µg/L	0	GE
		Total phosphates (as P)	78	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	5.1E+00 ± 1.5E+00	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Tritium	1.9E+01 ± 8.0E-01	pCi/mL	1	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 21D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N74688.5 E57470.7	33.284732 °N 81.660549 °W	237.7-217.7 ft msl	285.4 ft msl	4" PVC	Water Table (UB_2)

FIELD MEASUREMENTS

Sample date: 06/16/92
Depth to water: 50.44 ft (15.37 m) below TOC
Water elevation: 234.96 ft (71.62 m) msl
Sp. conductance: 100 µS/cm
Water evacuated before sampling: 9 gal
The well went dry during purging.

Time: 9:10
pH: 5.7
Alkalinity: 18 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	6.1	pH	0	GE
		Specific conductance	100	µS/cm	0	GE
		Turbidity	30	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	37	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	17	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	1,410	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	5,260	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 21D collected on 06/16/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.1	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	156	µg/L	1	GE
		Isophorone	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 21D collected on 06/16/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	245	µg/L	0	GE
		Manganese	16	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	1,700	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	6,370	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	8,050	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	9,920	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	57,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	104	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	2.4	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	4.0E+00 ± 1.4E+00	pCi/L	0	GE

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 21D collected on 06/16/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Total alpha-emitting radium	< 1.0E+00	pCi/L	0	GE
	■	Tritium	3.7E+01 ± 1.0E+00	pCi/mL	2	GE
		Uranium-234	< 1.0E+00	pCi/L	0	GP
		Uranium-235	< 1.0E+00	pCi/L	0	GP
		Uranium-238	< 1.0E+00	pCi/L	0	GP

WELL BGO 22D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N74482.2 E57817.3	33.284842 °N 81.659236 °W	214.2-194.2 ft msl	286.5 ft msl	4" PVC	Water Table (IIB_2)

FIELD MEASUREMENTS

Sample date: 06/15/92
Depth to water: 53.51 ft (16.31 m) below TOC
Water elevation: 232.99 ft (71.02 m) msl
Sp. conductance: 32 µS/cm
Water evacuated before sampling: 102 gal
Time: 12:05
pH: 4.5
Alkalinity: 1 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
●		pH	5.4	pH	0	GE
		Specific conductance	31	µS/cm	0	GE
		Turbidity	1.2	NTU	0	GE
		Acenaphthene	< 10	µg/L	0	GE
		Acenaphthene	< 10	µg/L	0	GE
		Acenaphthylene	< 10	µg/L	0	GE
		Acenaphthylene	< 10	µg/L	0	GE
		Acetophenone	< 10	µg/L	0	GE
		Acetophenone	< 10	µg/L	0	GE
		Aldrin	< 10	µg/L	0	GE
		Aldrin	< 10	µg/L	0	GE
		Aluminum	< 20	µg/L	0	GE
		Anthracene	< 10	µg/L	0	GE
		Anthracene	< 10	µg/L	0	GE
		Antimony	< 2.0	µg/L	0	GE
		Antimony	< 2.0	µg/L	0	GE
		Arsenic	< 2.0	µg/L	0	GE
		Arsenic	< 2.0	µg/L	0	GE
		Barium	9.0	µg/L	0	GE
		Benzene	< 1.0	µg/L	0	GE
		alpha-Benzene hexachloride	< 10	µg/L	0	GE
		alpha-Benzene hexachloride	< 10	µg/L	0	GE
		beta-Benzene hexachloride	< 10	µg/L	0	GE
		beta-Benzene hexachloride	< 10	µg/L	0	GE
		delta-Benzene hexachloride	< 10	µg/L	0	GE
		delta-Benzene hexachloride	< 10	µg/L	0	GE
		Benzidine	< 10	µg/L	0	GE
		Benzidine	< 10	µg/L	0	GE
		Benzo[a]anthracene	< 10	µg/L	0	GE

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 22D collected on 06/15/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	1,100	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	1,690	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	5.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 22D collected on 06/15/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.2	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 22D collected on 06/15/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	<4.0	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	571	µg/L	0	GE
		Manganese	9.3	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	2,120	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 22D collected on 06/15/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Phenanthrene	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	<500	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	7,790	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	2,670	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	27,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Tritium	1.4E+01 ± 7.0E-01	pCi/mL	1	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 23D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N74238.1 E58133.0	33.284817 °N 81.657930 °W	242.0-222.0 ft msl	289.2 ft msl	4" PVC	Water Table (IIB_2)

FIELD MEASUREMENTS

Sample date: 06/15/92
Depth to water: 53.22 ft (16.22 m) below TOC
Water elevation: 235.98 ft (71.93 m) msl
Sp. conductance: 40 µS/cm
Water evacuated before sampling: 36 gal
Time: 11:15
pH: 5.3
Alkalinity: 5 mg/L
Water temperature: 22.2°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	6.1	pH	0	GE
		Specific conductance	40	µS/cm	0	GE
		Turbidity	4.3	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	<20	µg/L	0	GE
		Aluminum	<20	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	6.7	µg/L	0	GE
		Barium	6.7	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	1,100	µg/L	0	GE
		Calcium	1,110	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 23D collected on 06/15/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Chloride	770	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	18	µg/L	0	GE
		Copper	18	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.0	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 23D collected on 06/15/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	<4.0	µg/L	0	GE
		Iron	<4.0	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Lead	6.3	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	318	µg/L	0	GE
		Magnesium	321	µg/L	0	GE
		Manganese	7.3	µg/L	0	GE
		Manganese	7.4	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	2,460	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	1,100	µg/L	0	GE
		Potassium	1,090	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	6,630	µg/L	0	GE
		Silica	6,640	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	4,450	µg/L	0	GE
		Sodium	4,450	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 23D collected on 06/15/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	23,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
	■	Tritium	2.5E+01 ± 9.0E-01	pCi/mL	2	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

WELL BGO 24D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N74012.4 E58438.8	33.284816 °N 81.656687 °W	241.0-221.0 ft msl	293.2 ft msl	4" PVC	Water Table (IIB_2)

FIELD MEASUREMENTS

Sample date: 06/16/92
Depth to water: 55.90 ft (17.04 m) below TOC
Water elevation: 237.30 ft (72.33 m) msl
Sp. conductance: 76 µS/cm
Water evacuated before sampling: 8 gal
The well went dry during purging.

Time: 9:40
pH: 8.3
Alkalinity: 24 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	9.2	pH	1	GE
•		pH	9.2	pH	1	GE
		Specific conductance	72	µS/cm	0	GE
		Specific conductance	72	µS/cm	0	GE
		Turbidity	23	NTU	0	GE
		Turbidity	23	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 24D collected on 06/16/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	264	µg/L	2	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	12	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	6,210	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	1,500	µg/L	0	GE
		Chloride	1,440	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 24D collected on 06/16/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Chloroform	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	5.3	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	2.7	µg/L	0	GE
		Dichloromethane (Methylene chloride)	4.1	µg/L	0	GE
		Dichloromethane (Methylene chloride)	4.1	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 24D collected on 06/16/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	<4.0	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	81	µg/L	0	GE
		Manganese	<2.0	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	830	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	697	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	6,840	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 24D collected on 06/16/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Sodium	5,950	µg/L	0	GE
		Sulfate	4,450	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	3.4	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	44,000	µg/L	0	GE
		Total dissolved solids	44,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	114	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Tritium	6.4E+00 ± 6.0E-01	pCi/mL	0	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 25A

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N76158.5 E55668.1	33.285042 °N 81.668151 °W	114.1-104.1 ft msl	296.5 ft msl		U. Congaree (IIA)

FIELD MEASUREMENTS

Sample date: 05/05/92
Depth to water: 134.55 ft (41.01 m) below TOC
Water elevation: 161.95 ft (49.36 m) msl
Sp. conductance: 248 µS/cm
Water evacuated before sampling: 17 gal
The well went dry during purging.

Time: 11:00
pH: 7.1
Alkalinity: 107 mg/L
Water temperature: 18.9°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	6.9	pH	0	GE
		Specific conductance	238	µS/cm	0	GE
		Turbidity	<0.10	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	<20	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	37	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	44,400	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	2,220	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 25A collected on 05/05/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.2	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	14	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 25A collected on 05/05/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Isophorone	<10	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	815	µg/L	0	GE
		Manganese	<2.0	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	<50	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<25	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	843	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	45,700	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	2,320	µg/L	0	GE
		Sulfate	9,430	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	184,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	16	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 25A collected on 05/05/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Tritium	<7.0E-01	pCi/mL	0	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

WELL BGO 26A

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N76144.6 E55014.2	33.283945 °N 81.669846 °W	91.0-81.0 ft msl	287.2 ft msl	4" PVC	M. Congaree (IIA)

FIELD MEASUREMENTS

Sample date: 04/20/92 Time: 15:00
Depth to water: 126.90 ft (38.68 m) below TOC
Water elevation: 160.30 ft (48.86 m) msl
Inaccessibility or pump failure prevented sample collection.

WELL BGO 26D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N76128.0 E55015.2	33.283910 °N 81.669811 °W	233.5-213.4 ft msl	285.5 ft msl	4" PVC	Water Table (IIB_2)

FIELD MEASUREMENTS

Sample date: 05/05/92 Time: 11:40
Depth to water: 56.61 ft (17.25 m) below TOC pH: 4.2
Water elevation: 228.89 ft (69.77 m) msl Alkalinity: 1 mg/L
Sp. conductance: 32 µS/cm Water temperature: 19.2°C
Water evacuated before sampling: 9 gal
The well went dry during purging.

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	5.6	pH	0	GE
		Specific conductance	30	µS/cm	0	GE
		Turbidity	39	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 26D collected on 05/05/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	23	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	9.2	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	1,730	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	2,080	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	46	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 26D collected on 05/05/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Dichloromethane (Methylene chloride)	1.2	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	81	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Lead	8.2	µg/L	1	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	476	µg/L	0	GE
		Manganese	8.0	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	1,110	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 26D collected on 05/05/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	<500	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	8,540	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	2,440	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	34,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	60	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Antimony-125	<2.0E+01	pCi/L	0	GP
		Antimony-125	<2.0E+01	pCi/L	0	GP
		Cerium-144	<6.0E+01	pCi/L	0	GP
		Cerium-144	<6.0E+01	pCi/L	0	GP
		Cesium-134	<1.0E+01	pCi/L	0	GP
		Cesium-134	<1.0E+01	pCi/L	0	GP
		Cesium-137	<1.0E+01	pCi/L	0	GP
		Cesium-137	<1.0E+01	pCi/L	0	GP
		Cobalt-57	<1.0E+01	pCi/L	0	GP
		Cobalt-57	<1.0E+01	pCi/L	0	GP
		Cobalt-60	<1.0E+01	pCi/L	0	GP
		Cobalt-60	<1.0E+01	pCi/L	0	GP
		Europium-154	<2.0E+01	pCi/L	0	GP
		Europium-154	<2.0E+01	pCi/L	0	GP
		Europium-155	<3.0E+01	pCi/L	0	GP
		Europium-155	<3.0E+01	pCi/L	0	GP
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Manganese-54	<1.0E+01	pCi/L	0	GP
		Manganese-54	<1.0E+01	pCi/L	0	GP
		Neptunium-237	<7.0E+01	pCi/L	0	GP
		Neptunium-237	<7.0E+01	pCi/L	0	GP
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Potassium-40	<1.1E+02	pCi/L	0	GP

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 26D collected on 05/05/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Potassium-40	<1.1E+02	pCi/L	0	GP
		Promethium-144	<1.0E+01	pCi/L	0	GP
		Promethium-144	<1.0E+01	pCi/L	0	GP
		Promethium-146	<1.0E+01	pCi/L	0	GP
		Promethium-146	<1.0E+01	pCi/L	0	GP
		Ruthenium-103	<1.0E+01	pCi/L	0	GP
		Ruthenium-103	<1.0E+01	pCi/L	0	GP
		Radium-226 or Uranium-235	<2.1E+02	pCi/L	0	GP
		Radium-226 or Uranium-235	<2.1E+02	pCi/L	0	GP
		Sodium-22	<1.0E+01	pCi/L	0	GP
		Sodium-22	<1.0E+01	pCi/L	0	GP
		Thorium-228	<7.5E+02	pCi/L	0	GP
		Thorium-228	<7.5E+02	pCi/L	0	GP
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Tritium	4.7E+00±5.0E-01	pCi/mL	0	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP
		Zinc-65	<2.0E+01	pCi/L	0	GP
		Zinc-65	<2.0E+01	pCi/L	0	GP

WELL BGO 27C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N75666.3 E54671.4	33.282328 °N 81.669820 °W	163.9-154.9 ft msl	276.0 ft msl	4" PVC	McBean (IIB_1)

FIELD MEASUREMENTS

Sample date: 05/04/92
Depth to water: 54.35 ft (16.57 m) below TOC
Water elevation: 221.65 ft (67.56 m) msl
Sp. conductance: 112 µS/cm
Water evacuated before sampling: 175 gal
Time: 12:20
pH: 6.7
Alkalinity: 42 mg/L
Water temperature: 19.3°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	7.3	pH	0	GE
		Specific conductance	90	µS/cm	0	GE
		Specific conductance	90	µS/cm	0	GE
		Turbidity	0.40	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	<20	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 27C collected on 05/04/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Arsenic	<2.0	µg/L	0	GE
		Barium	4.0	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	23,500	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	1,770	µg/L	0	GE
		Chloride	1,790	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 27C collected on 05/04/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Dibromochloromethane	<1.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.2	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	139	µg/L	0	GE
		Fluoride	132	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	<4.0	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	291	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 27C collected on 05/04/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Manganese	<2.0	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	1,130	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	<500	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	9,470	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	1,670	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	78,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	11	µg/L	0	GE
		Total phosphates (as P)	340	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
	■	Trichloroethylene	15	µg/L	2	GE
	■	Trichloroethylene	16	µg/L	2	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 27C collected on 05/04/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Antimony-125	<2.0E+01	pCi/L	0	GP
		Cerium-144	<6.0E+01	pCi/L	0	GP
		Cesium-134	<1.0E+01	pCi/L	0	GP
		Cesium-137	<1.0E+01	pCi/L	0	GP
		Cobalt-57	<1.0E+01	pCi/L	0	GP
		Cobalt-60	<1.0E+01	pCi/L	0	GP
		Europium-154	<2.0E+01	pCi/L	0	GP
		Europium-155	<3.0E+01	pCi/L	0	GP
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Manganese-54	<1.0E+01	pCi/L	0	GP
		Neptunium-237	<7.0E+01	pCi/L	0	GP
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Potassium-40	<1.1E+02	pCi/L	0	GP
		Promethium-144	<1.0E+01	pCi/L	0	GP
		Promethium-146	<1.0E+01	pCi/L	0	GP
		Ruthenium-103	<1.0E+01	pCi/L	0	GP
		Radium-226 or Uranium-235	<2.1E+02	pCi/L	0	GP
		Sodium-22	<1.0E+01	pCi/L	0	GP
	■	Thorium-228	7.7E+02 ± 2.3E+02	pCi/L	2	GP
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
	■	Tritium	7.2E+01 ± 1.4E+00	pCi/mL	2	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP
		Zinc-65	<2.0E+01	pCi/L	0	GP

WELL BGO 27D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N75677.3 E54680.2	33.282366 °N 81.669818 °W	229.3-209.3 ft msl	276.3 ft msl	4" PVC	Water Table (IIB_2)

FIELD MEASUREMENTS

Sample date: 05/05/92
Depth to water: 48.10 ft (14.66 m) below TOC
Water elevation: 228.20 ft (69.56 m) msl
Sp. conductance: 33 µS/cm
Water evacuated before sampling: 12 gal
The well went dry during purging.

Time: 12:30
pH: 4.2
Alkalinity: 0 mg/L
Water temperature: 19.1°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	5.5	pH	0	GE
•		pH	5.5	pH	0	GE
		Specific conductance	35	µS/cm	0	GE
		Turbidity	131	NTU	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 27D collected on 05/05/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Turbidity	132	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	37	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	18	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	1,280	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	1,860	µg/L	0	GE
		Chloride	1,820	µg/L	0	GE

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 27D collected on 05/05/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	28	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	2.2	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 27D collected on 05/05/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	248	µg/L	1	GE
		Isophorone	<10	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Lead	3.1	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	1,130	µg/L	0	GE
		Manganese	29	µg/L	1	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	6.6	µg/L	0	GE
		Nitrate as nitrogen	1,940	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 27D collected on 05/05/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		2-Nitrophenol	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	964	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	6,850	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	1,490	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	13,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	13	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 27D collected on 05/05/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Antimony-125	<2.0E+01	pCi/L	0	GP
		Cerium-144	<6.0E+01	pCi/L	0	GP
		Cesium-134	<1.0E+01	pCi/L	0	GP
		Cesium-137	<1.0E+01	pCi/L	0	GP
		Cobalt-57	<1.0E+01	pCi/L	0	GP
		Cobalt-60	<1.0E+01	pCi/L	0	GP
		Europium-154	<2.0E+01	pCi/L	0	GP
		Europium-155	<3.0E+01	pCi/L	0	GP
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Manganese-54	<1.0E+01	pCi/L	0	GP
		Neptunium-237	<7.0E+01	pCi/L	0	GP
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Potassium-40	<1.1E+02	pCi/L	0	GP
		Promethium-144	<1.0E+01	pCi/L	0	GP
		Promethium-146	<1.0E+01	pCi/L	0	GP
		Ruthenium-103	<1.0E+01	pCi/L	0	GP
		Radium-226 or Uranium-235	<2.1E+02	pCi/L	0	GP
		Sodium-22	<1.0E+01	pCi/L	0	GP
		Thorium-228	<7.5E+02	pCi/L	0	GP
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
	■	Tritium	1.2E+02 ± 1.8E+00	pCi/mL	2	GE
	■	Tritium	1.2E+02 ± 1.7E+00	pCi/mL	2	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP
		Zinc-65	<2.0E+01	pCi/L	0	GP

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 28D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N75348.3 E54457.9	33.281276 °N 81.669764 °W	230.1-210.1 ft msl	277.4 ft msl	4" PVC	Water Table (IIB_2)

FIELD MEASUREMENTS

Sample date: 05/05/92
Depth to water: 50.64 ft (15.44 m) below TOC
Water elevation: 226.76 ft (69.12 m) msl
Sp. conductance: 71 µS/cm
Water evacuated before sampling: 9 gal
The well went dry during purging.

Time: 13:20
pH: 4.4
Alkalinity: 4 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	5.5	pH	0	GE
		Specific conductance	55	µS/cm	0	GE
		Specific conductance	58	µS/cm	0	GE
•		Turbidity	77	NTU	0	GE
•		Turbidity	74	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	49	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	18	µg/L	0	GE
		Benzene	<10	µg/L	0	GE
		Benzene	<10	µg/L	0	GE
		Benzene	<10	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<10	µg/L	0	GE
		Bromodichloromethane	<10	µg/L	0	GE
		Bromodichloromethane	<10	µg/L	0	GE
		Bromoform	<10	µg/L	0	GE
		Bromoform	<10	µg/L	0	GE
		Bromoform	<10	µg/L	0	GE
		Bromomethane (Methyl bromide)	<10	µg/L	0	GE
		Bromomethane (Methyl bromide)	<10	µg/L	0	GE
		Bromomethane (Methyl bromide)	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 28D collected on 05/05/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	2,020	µg/L	0	GE
		Carbon tetrachloride	<10	µg/L	0	GE
		Carbon tetrachloride	<10	µg/L	0	GE
		Carbon tetrachloride	<10	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	7,120	µg/L	0	GE
		Chloride	7,060	µg/L	0	GE
		Chlorobenzene	<10	µg/L	0	GE
		Chlorobenzene	<10	µg/L	0	GE
		Chlorobenzene	<10	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<10	µg/L	0	GE
		Chloroethane	<10	µg/L	0	GE
		Chloroethane	<10	µg/L	0	GE
	■	Chloroethene (Vinyl chloride)	179	µg/L	2	GE
	■	Chloroethene (Vinyl chloride)	179	µg/L	2	GE
	■	Chloroethene (Vinyl chloride)	150	µg/L	2	GE
		2-Chloroethyl vinyl ether	<10	µg/L	0	GE
		2-Chloroethyl vinyl ether	<10	µg/L	0	GE
		2-Chloroethyl vinyl ether	<10	µg/L	0	GE
		Chloroform	46	µg/L	0	GE
		Chloroform	46	µg/L	0	GE
		Chloroform	55	µg/L	1	GE
		Chloromethane (Methyl chloride)	<10	µg/L	0	GE
		Chloromethane (Methyl chloride)	<10	µg/L	0	GE
		Chloromethane (Methyl chloride)	<10	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	11	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<10	µg/L	0	GE
		Dibromochloromethane	<10	µg/L	0	GE
		Dibromochloromethane	<10	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	17	µg/L	2	GE
		1,1-Dichloroethane	17	µg/L	2	GE
		1,1-Dichloroethane	15	µg/L	2	GE
		1,2-Dichloroethane	<10	µg/L	0	GE
		1,2-Dichloroethane	<10	µg/L	0	GE
		1,2-Dichloroethane	<10	µg/L	0	GE
		1,1-Dichloroethylene	<10	µg/L	0	GE
		1,1-Dichloroethylene	<10	µg/L	0	GE
		1,1-Dichloroethylene	<10	µg/L	0	GE
		trans-1,2-Dichloroethylene	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 28D collected on 05/05/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		trans-1,2-Dichloroethylene	<10	µg/L	0	GE
		trans-1,2-Dichloroethylene	<10	µg/L	0	GE
		Dichloromethane (Methylene chloride)	50	µg/L	0	GE
		Dichloromethane (Methylene chloride)	50	µg/L	0	GE
		Dichloromethane (Methylene chloride)	41	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<10	µg/L	0	GE
		1,2-Dichloropropane	<10	µg/L	0	GE
		1,2-Dichloropropane	<10	µg/L	0	GE
		cis-1,3-Dichloropropene	<10	µg/L	0	GE
		cis-1,3-Dichloropropene	<10	µg/L	0	GE
		cis-1,3-Dichloropropene	<10	µg/L	0	GE
		trans-1,3-Dichloropropene	<10	µg/L	0	GE
		trans-1,3-Dichloropropene	<10	µg/L	0	GE
		trans-1,3-Dichloropropene	<10	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<10	µg/L	0	GE
		Ethylbenzene	<10	µg/L	0	GE
		Ethylbenzene	<10	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	477	µg/L	2	GE
		Isophorone	<10	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	642	µg/L	0	GE
		Manganese	69	µg/L	2	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	12	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 28D collected on 05/05/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Nitrate as nitrogen	444	µg/L	0	GE
		Nitrate as nitrogen	449	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<25	µg/L	0	GE
		Potassium	1,490	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	8,860	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	6,620	µg/L	0	GE
		Sulfate	4,000	µg/L	0	GE
		Sulfate	4,460	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<10	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<10	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<10	µg/L	0	GE
		Tetrachloroethylene	<10	µg/L	0	GE
		Tetrachloroethylene	<10	µg/L	0	GE
		Tetrachloroethylene	<10	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<10	µg/L	0	GE
		Toluene	<10	µg/L	0	GE
		Toluene	<10	µg/L	0	GE
•		Total dissolved solids	51,000	µg/L	0	GE
		Total organic carbon	2,770	µg/L	0	GE
		Total organic halogens	2,340	µg/L	2	GE
•		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<10	µg/L	0	GE
		1,1,2-Trichloroethane	<10	µg/L	0	GE
		1,1,2-Trichloroethane	<10	µg/L	0	GE
		1,1,2-Trichloroethane	<10	µg/L	0	GE
	■	Trichloroethylene	283	µg/L	2	GE
	■	Trichloroethylene	283	µg/L	2	GE
	■	Trichloroethylene	254	µg/L	2	GE
		Trichlorofluoromethane	<10	µg/L	0	GE
		Trichlorofluoromethane	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 28D collected on 05/05/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Trichlorofluoromethane	<10	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<20	µg/L	0	GE
		Xylenes	<20	µg/L	0	GE
		Antimony-125	<2.0E+01	pCi/L	0	GP
		Cerium-144	<6.0E+01	pCi/L	0	GP
		Cesium-134	<1.0E+01	pCi/L	0	GP
		Cesium-137	<1.0E+01	pCi/L	0	GP
		Cobalt-57	<1.0E+01	pCi/L	0	GP
		Cobalt-60	<1.0E+01	pCi/L	0	GP
		Europium-154	<2.0E+01	pCi/L	0	GP
		Europium-155	<3.0E+01	pCi/L	0	GP
		Gross alpha	4.0E+00 ± 3.2E-01	pCi/L	0	GE
		Gross alpha	3.7E+00 ± 3.0E-01	pCi/L	0	GE
		Manganese-54	<1.0E+01	pCi/L	0	GP
		Neptunium-237	<7.0E+01	pCi/L	0	GP
		Nonvolatile beta	6.8E+00 ± 3.9E-01	pCi/L	0	GE
		Nonvolatile beta	6.1E+00 ± 3.3E-01	pCi/L	0	GE
		Potassium-40	<1.1E+02	pCi/L	0	GP
		Promethium-144	<1.0E+01	pCi/L	0	GP
		Promethium-146	<1.0E+01	pCi/L	0	GP
		Ruthenium-103	<1.0E+01	pCi/L	0	GP
		Radium-226 or Uranium-235	<2.1E+02	pCi/L	0	GP
		Sodium-22	<1.0E+01	pCi/L	0	GP
		Thorium-228	<7.5E+02	pCi/L	0	GP
		Total alpha-emitting radium	1.2E+00 ± 5.0E-01	pCi/L	0	GE
		Total alpha-emitting radium	1.2E+00 ± 8.0E-01	pCi/L	0	GE
	■	Tritium	1.2E+05 ± 5.5E+01	pCi/mL	2	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP
		Zinc-65	<2.0E+01	pCi/L	0	GP

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 29A

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N75560.0 E54103.5	33.281166 °N 81.671108 °W	112.5-102.5 ft msl	264.2 ft msl	4" PVC	U. Congaree (IIA)

FIELD MEASUREMENTS

Sample date: 05/19/92
Depth to water: 104.07 ft (31.72 m) below TOC
Water elevation: 160.13 ft (48.81 m) msl
Sp. conductance: 184 µS/cm
Water evacuated before sampling: 50 gal
The well went dry during purging.

Time: 10:30
pH: 10.2
Alkalinity: 64 mg/L
Water temperature: 19.8°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	10	pH	2	GE
		Specific conductance	154	µS/cm	0	GE
		Turbidity	3.5	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	42	µg/L	0	GE
		Aluminum	42	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	24	µg/L	0	GE
		Barium	25	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 29A collected on 05/19/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	22,800	µg/L	0	GE
		Calcium	22,800	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	1,520	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 29A collected on 05/19/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	105	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	<4.0	µg/L	0	GE
		Iron	<4.0	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	697	µg/L	0	GE
		Magnesium	701	µg/L	0	GE
		Manganese	2.3	µg/L	0	GE
		Manganese	2.3	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 29A collected on 05/19/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Mercury	<0.20	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	890	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	546	µg/L	0	GE
		Potassium	<500	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	13,600	µg/L	0	GE
		Silica	13,700	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	2,520	µg/L	0	GE
		Sodium	2,560	µg/L	0	GE
		Sulfate	1,290	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
•		Total dissolved solids	90,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	110	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 29A collected on 05/19/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	2.0	µg/L	0	GE
		Trichloroethylene	2.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Antimony-125	<2.0E+01	pCi/L	0	GP
		Cerium-144	<6.0E+01	pCi/L	0	GP
		Cesium-134	<1.0E+01	pCi/L	0	GP
		Cesium-137	<1.0E+01	pCi/L	0	GP
		Cobalt-57	<1.0E+01	pCi/L	0	GP
		Cobalt-60	<1.0E+01	pCi/L	0	GP
		Europium-154	<2.0E+01	pCi/L	0	GP
		Europium-155	<3.0E+01	pCi/L	0	GP
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Manganese-54	<1.0E+01	pCi/L	0	GP
		Neptunium-237	<7.0E+01	pCi/L	0	GP
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Potassium-40	<1.1E+02	pCi/L	0	GP
		Promethium-144	<1.0E+01	pCi/L	0	GP
		Promethium-146	<1.0E+01	pCi/L	0	GP
		Ruthenium-103	<1.0E+01	pCi/L	0	GP
		Radium-226 or Uranium-235	<2.1E+02	pCi/L	0	GP
		Sodium-22	<1.0E+01	pCi/L	0	GP
		Thorium-228	<7.5E+02	pCi/L	0	GP
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Tritium	7.4E+00 ± 5.0E-01	pCi/mL	0	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP
		Zinc-65	<2.0E+01	pCi/L	0	GP

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 29C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N75577.8 E54099.1	33.281198 °N 81.671154 °W	186.8-176.8 ft msl	4.8 ft msl	4" PVC	Barnwell (IIB_1)

FIELD MEASUREMENTS

Sample date: 05/19/92
Depth to water: 41.71 ft (12.71 m) below TOC
Water elevation: 223.09 ft (68.00 m) msl
Sp. conductance: 31 µS/cm
Water evacuated before sampling: 28 gal
The well went dry during purging.

Time: 10:45
pH: 5.0
Alkalinity: 2 mg/L
Water temperature: 19.9°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	5.8	pH	0	GE
		Specific conductance	37	µS/cm	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	13	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	1,620	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chloride	1,960	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Iron	11	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	588	µg/L	0	GE
		Manganese	7.2	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 29C collected on 05/19/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	1,310	µg/L	0	GE
		Nitrate as nitrogen	1,300	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	572	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	8,230	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	2,350	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
•		Total dissolved solids	35,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	1.7	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	2.2E+00 ± 5.2E-01	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
	■	Tritium	1.1E+02 ± 1.7E+00	pCi/mL	2	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

WELL BGO 29D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N75592.5 E54099.4	33.281231 °N 81.671182 °W	228.5-208.5 ft msl	265.5 ft msl	4" PVC	Water Table (IIB_2)

FIELD MEASUREMENTS

Sample date: 05/19/92
Depth to water: 38.83 ft (11.84 m) below TOC
Water elevation: 226.67 ft (69.09 m) msl
Sp. conductance: 78 µS/cm
Water evacuated before sampling: 10 gal
The well went dry during purging.

Time: 11:00
pH: 5.1
Alkalinity: 4 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	5.7	pH	0	GE
		Specific conductance	75	µS/cm	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	31	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 29D collected on 05/19/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Benzene	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	4,250	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chloride	2,410	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Iron	118	µg/L	0	GE
		Lead	3.1	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	751	µg/L	0	GE
		Manganese	64	µg/L	2	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Nickel	12	µg/L	0	GE
		Nitrate as nitrogen	860	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	1,010	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	10,300	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	4,570	µg/L	0	GE
		Sulfate	13,300	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
•		Total dissolved solids	51,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	60	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 29D collected on 05/19/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Gross alpha	2.5E+00 ± 4.9E-01	pCi/L	0	GE
		Nonvolatile beta	4.3E+00 ± 5.7E-01	pCi/L	0	GE
		Total alpha-emitting radium	2.1E+00 ± 9.0E-01	pCi/L	0	GE
		Total alpha-emitting radium	2.1E+00 ± 9.0E-01	pCi/L	0	GE
		Tritium	9.6E+00 ± 6.0E-01	pCi/mL	0	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

WELL BGO 30C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N75181.0 E54512.3	33.280995 °N 81.669296 °W	188.4-178.4 ft msl	274.5 ft msl	4" PVC	McBean (IIB_1)

FIELD MEASUREMENTS

Sample date: 05/19/92
Depth to water: 54.87 ft (16.72 m) below TOC
Water elevation: 219.63 ft (66.94 m) msl
Sp. conductance: 60 µS/cm
Water evacuated before sampling: 23 gal
The well went dry during purging.
Time: 12:55
pH: 6.2
Alkalinity: 17 mg/L
Water temperature: 20.9°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	6.5	pH	0	GE
		Specific conductance	45	µS/cm	0	GE
		Turbidity	172	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	<20	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	12	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 30C collected on 05/19/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	3,040	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	2,270	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	1.9	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.1	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 30C collected on 05/19/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	144	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	15	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	216	µg/L	0	GE
		Manganese	11	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	410	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	1,410	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	9,600	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	4,130	µg/L	0	GE
		Sulfate	1,860	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
•		Total dissolved solids	43,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	12	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 30C collected on 05/19/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Total phosphates (as P)	3,300	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
	■	Trichloroethylene	8.1	µg/L	2	GE
		Trichlorofluoromethane	7.1	µg/L	1	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Antimony-125	<2.0E+01	pCi/L	0	GP
		Cerium-144	<6.0E+01	pCi/L	0	GP
		Cesium-134	<1.0E+01	pCi/L	0	GP
		Cesium-137	<1.0E+01	pCi/L	0	GP
		Cobalt-57	<1.0E+01	pCi/L	0	GP
		Cobalt-60	<1.0E+01	pCi/L	0	GP
		Europium-154	<2.0E+01	pCi/L	0	GP
		Europium-155	<3.0E+01	pCi/L	0	GP
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Manganese-54	<1.0E+01	pCi/L	0	GP
		Neptunium-237	<7.0E+01	pCi/L	0	GP
		Nonvolatile beta	2.5E+00 ± 4.5E-01	pCi/L	0	GE
		Potassium-40	<1.1E+02	pCi/L	0	GP
		Promethium-144	<1.0E+01	pCi/L	0	GP
		Promethium-146	<1.0E+01	pCi/L	0	GP
		Ruthenium-103	<1.0E+01	pCi/L	0	GP
		Radium-226 or Uranium-235	<2.1E+02	pCi/L	0	GP
		Sodium-22	<1.0E+01	pCi/L	0	GP
		Thorium-228	<7.5E+02	pCi/L	0	GP
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
	■	Tritium	5.8E+02 ± 3.8E+00	pCi/mL	2	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP
		Zinc-65	<2.0E+01	pCi/L	0	GP

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 30D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N75187.7 E54499.2	33.280988 °N 81.669343 °W	227.8-207.8 ft msl	274.8 ft msl	4" PVC	Water Table (IIB_2)

FIELD MEASUREMENTS

Sample date: 05/19/92
Depth to water: 48.65 ft (14.83 m) below TOC
Water elevation: 226.15 ft (68.93 m) msl
Sp. conductance: 115 µS/cm
Water evacuated before sampling: 13 gal
The well went dry during purging.

Time: 13:10
pH: 5.7
Alkalinity: 19 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	6.1	pH	0	GE
		Specific conductance	110	µS/cm	0	GE
•		Turbidity	45	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	101	µg/L	1	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	61	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	7,650	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	11,200	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 30D collected on 05/19/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
	■	Chloroethene (Vinyl chloride)	7.1	µg/L	2	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	8.6	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	12	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	55	µg/L	2	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
	■	1,1-Dichloroethylene	17	µg/L	2	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.0	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	63	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 30D collected on 05/19/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Isophorone	<10	µg/L	0	GE
	■	Lead	18	µg/L	2	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	854	µg/L	0	GE
		Manganese	58	µg/L	2	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	12	µg/L	0	GE
		Nitrate as nitrogen	3,500	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	731	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	8,940	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	13,300	µg/L	0	GE
		Sulfate	1,560	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	1.9	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
•		Total dissolved solids	76,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
•		Total organic halogens	300	µg/L	2	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
	■	Trichloroethylene	38	µg/L	2	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Gross alpha	5.5E+00 ± 1.0E+00	pCi/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 30D collected on 05/19/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Nonvolatile beta	5.7E+00 ± 1.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	4.1E+00 ± 1.4E+00	pCi/L	1	GE
	■	Tritium	3.5E+04 ± 2.9E+01	pCi/mL	2	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

WELL BGO 31C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N74978.0 E54816.2	33.281042 °N 81.668101 °W	186.4-176.4 ft msl	273.1 ft msl	4" PVC	McBean (IIB_1)

FIELD MEASUREMENTS

Sample date: 05/19/92
Depth to water: 47.10 ft (14.36 m) below TOC
Water elevation: 226.00 ft (68.89 m) msl
Sp. conductance: 31 µS/cm
Water evacuated before sampling: 30 gal
The well went dry during purging.

Time: 12:15
pH: 5.5
Alkalinity: 5 mg/L
Water temperature: 21.7°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	5.9	pH	0	GE
		Specific conductance	30	µS/cm	0	GE
•		Turbidity	48	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	<20	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	7.6	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 31C collected on 05/19/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	1,580	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	1,760	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 31C collected on 05/19/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	18	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	478	µg/L	0	GE
		Manganese	8.6	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	1,080	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	<500	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	9,060	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	1,750	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	1.2	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
•		Total dissolved solids	24,000	µg/L	0	GE
		Total organic carbon	2,000	µg/L	0	GE
•		Total organic halogens	<5.0	µg/L	0	GE
•		Total organic halogens	5.4	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 31C collected on 05/19/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	4.1	µg/L	1	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Antimony-125	<2.0E+01	pCi/L	0	GP
		Cerium-144	<6.0E+01	pCi/L	0	GP
		Cesium-134	<1.0E+01	pCi/L	0	GP
		Cesium-137	<1.0E+01	pCi/L	0	GP
		Cobalt-57	<1.0E+01	pCi/L	0	GP
		Cobalt-60	<1.0E+01	pCi/L	0	GP
		Europium-154	<2.0E+01	pCi/L	0	GP
		Europium-155	<3.0E+01	pCi/L	0	GP
		Gross alpha	2.0E+00 ± 5.2E-01	pCi/L	0	GE
		Manganese-54	<1.0E+01	pCi/L	0	GP
		Neptunium-237	<7.0E+01	pCi/L	0	GP
		Nonvolatile beta	2.8E+00 ± 6.7E-01	pCi/L	0	GE
		Potassium-40	<1.1E+02	pCi/L	0	GP
		Promethium-144	<1.0E+01	pCi/L	0	GP
		Promethium-146	<1.0E+01	pCi/L	0	GP
		Ruthenium-103	<1.0E+01	pCi/L	0	GP
		Radium-226 or Uranium-235	<2.1E+02	pCi/L	0	GP
		Sodium-22	<1.0E+01	pCi/L	0	GP
		Thorium-228	<7.5E+02	pCi/L	0	GP
		Total alpha-emitting radium	1.1E+00 ± 1.0E+00	pCi/L	0	GE
	■	Tritium	3.1E+03 ± 8.6E+00	pCi/mL	2	GE
	■	Tritium	3.2E+03 ± 8.8E+00	pCi/mL	2	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP
		Zinc-65	<2.0E+01	pCi/L	0	GP

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 31D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N74985.3 E54841.7	33.281099 °N 81.668048 °W	231.1-211.1 ft msl	273.7 ft msl	4" PVC	Water Table (IIB_2)

FIELD MEASUREMENTS

Sample date: 05/19/92
Depth to water: 46.60 ft (14.20 m) below TOC
Water elevation: 227.10 ft (69.22 m) msl
Sp. conductance: 35 µS/cm
Water evacuated before sampling: 9 gal
The well went dry during purging.

Time: 11:55
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 21.3°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	5.3	pH	0	GE
		Specific conductance	40	µS/cm	0	GE
		Turbidity	69	NTU	0	GE
		Turbidity	71	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	34	µg/L	0	GE
		Aluminum	34	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	6.6	µg/L	0	GE
		Barium	6.6	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	579	µg/L	0	GE
		Calcium	579	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 31D collected on 05/19/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Chlordane	<10	µg/L	0	GE
		Chloride	3,440	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	8.1	µg/L	0	GE
		Copper	8.3	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 31D collected on 05/19/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	43	µg/L	0	GE
		Iron	43	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Lead	4.5	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	1,380	µg/L	0	GE
		Magnesium	1,400	µg/L	0	GE
		Manganese	7.8	µg/L	0	GE
		Manganese	7.9	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nickel	5.3	µg/L	0	GE
		Nitrate as nitrogen	1,250	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	<500	µg/L	0	GE
		Potassium	<500	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	7,040	µg/L	0	GE
		Silica	7,070	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	1,360	µg/L	0	GE
		Sodium	1,370	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
•		Total dissolved solids	33,000	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 31D collected on 05/19/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	30	µg/L	1	GE
		Total phosphates (as P)	50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Antimony-125	<2.0E+01	pCi/L	0	GP
		Cerium-144	<6.0E+01	pCi/L	0	GP
		Cesium-134	<1.0E+01	pCi/L	0	GP
		Cesium-137	<1.0E+01	pCi/L	0	GP
		Cobalt-57	<1.0E+01	pCi/L	0	GP
		Cobalt-60	<1.0E+01	pCi/L	0	GP
		Europium-154	<2.0E+01	pCi/L	0	GP
		Europium-155	<3.0E+01	pCi/L	0	GP
		Gross alpha	3.6E+00 ± 5.9E-01	pCi/L	0	GE
		Manganese-54	<1.0E+01	pCi/L	0	GP
		Neptunium-237	<7.0E+01	pCi/L	0	GP
		Nonvolatile beta	2.9E+00 ± 4.3E-01	pCi/L	0	GE
		Potassium-40	<1.1E+02	pCi/L	0	GP
		Promethium-144	<1.0E+01	pCi/L	0	GP
		Promethium-146	<1.0E+01	pCi/L	0	GP
		Ruthenium-103	<1.0E+01	pCi/L	0	GP
		Radium-226 or Uranium-235	<2.1E+02	pCi/L	0	GP
		Sodium-22	<1.0E+01	pCi/L	0	GP
		Thorium-228	<7.5E+02	pCi/L	0	GP
		Total alpha-emitting radium	1.2E+00 ± 1.0E+00	pCi/L	0	GE
	■	Tritium	6.8E+01 ± 1.3E+00	pCi/mL	2	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP
		Zinc-65	<2.0E+01	pCi/L	0	GP

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 32D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N74727.0 E55250.2	33.281195 °N 81.666471 °W	234.5-214.5 ft msl	281.7 ft msl	4" PVC	Water Table (IIB_2)

FIELD MEASUREMENTS

Sample date: 05/20/92
Depth to water: 53.74 ft (16.38 m) below TOC
Water elevation: 227.96 ft (69.48 m) msl
Sp. conductance: 77 µS/cm
Water evacuated before sampling: 6 gal
The well went dry during purging.

Time: 8:55
pH: 4.0
Alkalinity: 0 mg/L
Water temperature: 20.2°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	4.9	pH	0	GE
		Specific conductance	65	µS/cm	0	GE
•		Turbidity	58	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	432	µg/L	2	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	94	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	22	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	964	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	7,750	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 32D collected on 05/20/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	1.8	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	29	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
•		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 32D collected on 05/20/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Iron	68	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Lead	9.7	µg/L	1	GE
		Lead	9.8	µg/L	1	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	1,780	µg/L	0	GE
		Manganese	21	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	6.1	µg/L	0	GE
		Nitrate as nitrogen	4,250	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	1,310	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	7,490	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	5,240	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	4.4	µg/L	1	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	45,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
•		Total organic halogens	16	µg/L	0	GE
		Total phosphates (as P)	100	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
•		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	2.0	µg/L	0	GE
		Trichlorofluoromethane	5.0	µg/L	1	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 32D collected on 05/20/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Antimony-125	<2.0E+01	pCi/L	0	GP
		Cerium-144	<6.0E+01	pCi/L	0	GP
		Cesium-134	<1.0E+01	pCi/L	0	GP
		Cesium-137	<1.0E+01	pCi/L	0	GP
		Cobalt-57	<1.0E+01	pCi/L	0	GP
		Cobalt-60	<1.0E+01	pCi/L	0	GP
		Europium-154	<2.0E+01	pCi/L	0	GP
		Europium-155	<3.0E+01	pCi/L	0	GP
		Gross alpha	6.7E+00 ± 1.3E+00	pCi/L	0	GE
		Manganese-54	<1.0E+01	pCi/L	0	GP
		Neptunium-237	<7.0E+01	pCi/L	0	GP
		Nonvolatile beta	8.2E+00 ± 1.3E+00	pCi/L	0	GE
		Potassium-40	<1.1E+02	pCi/L	0	GP
		Promethium-144	<1.0E+01	pCi/L	0	GP
		Promethium-146	<1.0E+01	pCi/L	0	GP
		Ruthenium-103	<1.0E+01	pCi/L	0	GP
		Radium-226 or Uranium-235	<2.1E+02	pCi/L	0	GP
		Sodium-22	<1.0E+01	pCi/L	0	GP
		Thorium-228	<7.5E+02	pCi/L	0	GP
	■	Total alpha-emitting radium	9.8E+00 ± 2.1E+00	pCi/L	2	GE
	■	Tritium	1.5E+03 ± 5.9E+00	pCi/mL	2	GE
	■	Tritium	1.5E+03 ± 6.0E+00	pCi/mL	2	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP
		Zinc-65	<2.0E+01	pCi/L	0	GP

WELL BGO 33C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N74479.7 E55681.4	33.281351 °N 81.664855 °W	187.8-177.8 ft msl	279.4 ft msl	4" PVC	McBean (IIB_1)

FIELD MEASUREMENTS

Sample date: 05/20/92
Depth to water: 53.96 ft (16.45 m) below TOC
Water elevation: 225.44 ft (68.71 m) msl
Sp. conductance: 66 µS/cm
Water evacuated before sampling: 125 gal
Time: 9:50
pH: 5.2
Alkalinity: 12 mg/L
Water temperature: 19.3°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	6.2	pH	0	GE
		Specific conductance	53	µS/cm	0	GE
•		Turbidity	<0.10	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 33C collected on 05/20/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Aldrin	<10	µg/L	0	GE
		Aluminum	<20	µg/L	0	GE
		Aluminum	<20	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	14	µg/L	0	GE
		Barium	14	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	6,080	µg/L	0	GE
		Calcium	6,070	µg/L	0	GE
		Carbon tetrachloride	1.3	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	5,440	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	14	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 33C collected on 05/20/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.1	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
•		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	<4.0	µg/L	0	GE
		Iron	<4.0	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	747	µg/L	0	GE
		Magnesium	747	µg/L	0	GE
		Manganese	32	µg/L	1	GE
		Manganese	32	µg/L	1	GE
		Mercury	1.3	µg/L	1	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	1,130	µg/L	0	GE
		Nitrate as nitrogen	1,140	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 33C collected on 05/20/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	572	µg/L	0	GE
		Potassium	536	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	11,300	µg/L	0	GE
		Silica	11,300	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	3,210	µg/L	0	GE
		Sodium	3,230	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	5.0	µg/L	1	GE
		Tin	<2.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	86,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
•		Total organic halogens	91	µg/L	2	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
•		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
	■	Trichloroethylene	24	µg/L	2	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Antimony-125	<2.0E+01	pCi/L	0	GP
		Cerium-144	<6.0E+01	pCi/L	0	GP
		Cesium-134	<1.0E+01	pCi/L	0	GP
		Cesium-137	<1.0E+01	pCi/L	0	GP
		Cobalt-57	<1.0E+01	pCi/L	0	GP
		Cobalt-60	<1.0E+01	pCi/L	0	GP
		Europium-154	<2.0E+01	pCi/L	0	GP
		Europium-155	<3.0E+01	pCi/L	0	GP

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 33C collected on 05/20/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Manganese-54	<1.0E+01	pCi/L	0	GP
		Neptunium-237	<7.0E+01	pCi/L	0	GP
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Potassium-40	<1.1E+02	pCi/L	0	GP
		Promethium-144	<1.0E+01	pCi/L	0	GP
		Promethium-146	<1.0E+01	pCi/L	0	GP
		Ruthenium-103	<1.0E+01	pCi/L	0	GP
		Radium-226 or Uranium-235	<2.1E+02	pCi/L	0	GP
		Sodium-22	<1.0E+01	pCi/L	0	GP
		Thorium-228	<7.5E+02	pCi/L	0	GP
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
	■	Tritium	8.0E+03 ± 1.4E+01	pCi/mL	2	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP
		Zinc-65	<2.0E+01	pCi/L	0	GP

WELL BGO 33D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N74468.7 E55695.4	33.281350 °N 81.664797 °W	233.1-213.1 ft msl	280.3 ft msl	4" PVC	Water Table (IIB_2)

FIELD MEASUREMENTS

Sample date: 05/20/92
Depth to water: 49.62 ft (15.12 m) below TOC
Water elevation: 230.68 ft (70.31 m) msl
Sp. conductance: 68 µS/cm
Water evacuated before sampling: 10 gal
The well went dry during purging.

Time: 9:25
pH: 4.1
Alkalinity: 0 mg/L
Water temperature: 18.6°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	5.3	pH	0	GE
		Specific conductance	68	µS/cm	0	GE
		Turbidity	41	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	60	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	19	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL 899 33D collected on 05/20/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	1,670	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	10,100	µg/L	0	GE
		Chloride	10,200	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	7.4	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.0	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 33D collected on 05/20/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	165	µg/L	1	GE
		Isophorone	<10	µg/L	0	GE
		Lead	5.6	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	1,920	µg/L	0	GE
		Manganese	5.5	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	2,950	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	1,990	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	5,560	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 33D collected on 05/20/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Silver	<2.0	µg/L	0	GE
		Sodium	4,600	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
•		Total dissolved solids	50,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	80	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Antimony-125	<2.0E+01	pCi/L	0	GP
		Cerium-144	<6.0E+01	pCi/L	0	GP
		Cesium-134	<1.0E+01	pCi/L	0	GP
		Cesium-137	<1.0E+01	pCi/L	0	GP
		Cobalt-57	<1.0E+01	pCi/L	0	GP
		Cobalt-60	<1.0E+01	pCi/L	0	GP
		Europium-154	<2.0E+01	pCi/L	0	GP
		Europium-155	<3.0E+01	pCi/L	0	GP
		Gross alpha	5.0E+00 ± 6.7E-01	pCi/L	0	GE
		Manganese-54	<1.0E+01	pCi/L	0	GP
		Neptunium-237	<7.0E+01	pCi/L	0	GP
		Nonvolatile beta	5.0E+00 ± 5.2E-01	pCi/L	0	GE
		Potassium-40	<1.1E+02	pCi/L	0	GP
		Promethium-144	<1.0E+01	pCi/L	0	GP
		Promethium-146	<1.0E+01	pCi/L	0	GP
		Ruthenium-103	<1.0E+01	pCi/L	0	GP
		Radium-226 or Uranium-235	<2.1E+02	pCi/L	0	GP
		Sodium-22	<1.0E+01	pCi/L	0	GP
		Thorium-228	<7.5E+02	pCi/L	0	GP
		Total alpha-emitting radium	3.8E+00 ± 1.4E+00	pCi/L	1	GE
	■	Tritium	2.8E+01 ± 9.0E-01	pCi/mL	2	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP
		Zinc-65	<2.0E+01	pCi/L	0	GP

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 34D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N74228.8 E56082.6	33.281451 °N 81.663311 °W	232.7-212.7 ft msl	274.9 ft msl	4" PVC	Water Table (IIB_2)

FIELD MEASUREMENTS

Sample date: 05/20/92
Depth to water: 41.58 ft (12.67 m) below TOC
Water elevation: 233.32 ft (71.12 m) msl
Sp. conductance: 41 µS/cm
Water evacuated before sampling: 13 gal
The well went dry during purging.

Time: 10:20
pH: 5.3
Alkalinity: 7 mg/L
Water temperature: 19.7°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	6.5	pH	0	GE
		Specific conductance	48	µS/cm	0	GE
		Turbidity	4.5	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	<20	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	57	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	5,210	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	3,620	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 34D collected on 05/20/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.1	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	22	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 34D collected on 05/20/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	661	µg/L	0	GE
		Manganese	4.3	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	1,010	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	<500	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	7,640	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	1,930	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
•		Total dissolved solids	46,000	µg/L	0	GE
		Total organic carbon	2,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	8.2	µg/L	1	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Antimony-125	<2.0E+01	pCi/L	0	GP

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 34D collected on 05/20/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Antimony-125	<2.0E+01	pCi/L	0	GP
		Cerium-144	<6.0E+01	pCi/L	0	GP
		Cerium-144	<6.0E+01	pCi/L	0	GP
		Cesium-134	<1.0E+01	pCi/L	0	GP
		Cesium-134	<1.0E+01	pCi/L	0	GP
		Cesium-137	<1.0E+01	pCi/L	0	GP
		Cesium-137	<1.0E+01	pCi/L	0	GP
		Cobalt-57	<1.0E+01	pCi/L	0	GP
		Cobalt-57	<1.0E+01	pCi/L	0	GP
		Cobalt-60	<1.0E+01	pCi/L	0	GP
		Cobalt-60	<1.0E+01	pCi/L	0	GP
		Europium-154	<2.0E+01	pCi/L	0	GP
		Europium-154	<2.0E+01	pCi/L	0	GP
		Europium-155	<3.0E+01	pCi/L	0	GP
		Europium-155	<3.0E+01	pCi/L	0	GP
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Manganese-54	<1.0E+01	pCi/L	0	GP
		Manganese-54	<1.0E+01	pCi/L	0	GP
		Neptunium-237	<7.0E+01	pCi/L	0	GP
		Neptunium-237	<7.0E+01	pCi/L	0	GP
		Nonvolatile beta	2.2E+00 ± 5.1E-01	pCi/L	0	GE
		Potassium-40	<1.1E+02	pCi/L	0	GP
		Potassium-40	<1.1E+02	pCi/L	0	GP
		Promethium-144	<1.0E+01	pCi/L	0	GP
		Promethium-144	<1.0E+01	pCi/L	0	GP
		Promethium-146	<1.0E+01	pCi/L	0	GP
		Promethium-146	<1.0E+01	pCi/L	0	GP
		Ruthenium-103	<1.0E+01	pCi/L	0	GP
		Ruthenium-103	<1.0E+01	pCi/L	0	GP
		Radium-226 or Uranium-235	<2.1E+02	pCi/L	0	GP
		Radium-226 or Uranium-235	<2.1E+02	pCi/L	0	GP
		Sodium-22	<1.0E+01	pCi/L	0	GP
		Sodium-22	<1.0E+01	pCi/L	0	GP
		Thorium-228	<7.5E+02	pCi/L	0	GP
		Thorium-228	<7.5E+02	pCi/L	0	GP
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
	■	Tritium	3.0E+01 ± 9.0E-01	pCi/mL	2	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP
		Zinc-65	<2.0E+01	pCi/L	0	GP
		Zinc-65	<2.0E+01	pCi/L	0	GP

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 35C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N73953.9 E56545.7	33.281598 °N 81.661558 °W	171.9-161.9 ft msl	273.4 ft msl	4" PVC	McBean (IIB_1)

FIELD MEASUREMENTS

Sample date: 05/20/92
Depth to water: 44.82 ft (13.66 m) below TOC
Water elevation: 228.58 ft (69.67 m) msl
Sp. conductance: 77 µS/cm
Water evacuated before sampling: 219 gal

Time: 11:10
pH: 8.6
Alkalinity: 25 mg/L
Water temperature: 19.3°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	8.2	pH	1	GE
		Specific conductance	61	µS/cm	0	GE
		Turbidity	<0.10	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	318	µg/L	2	GE
		Anthracene	<10	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	19	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 35C collected on 05/20/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	11,000	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	1,800	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 35C collected on 05/20/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Chrysene	<10	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.2	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 35C collected on 05/20/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	<4.0	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	243	µg/L	0	GE
		Manganese	4.8	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 35C collected on 05/20/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	1,130	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	<500	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	9,280	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	1,840	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
•		Total dissolved solids	55,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 35C collected on 05/20/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Antimony-125	<2.0E+01	pCi/L	0	GP
		Cerium-144	<6.0E+01	pCi/L	0	GP
		Cesium-134	<1.0E+01	pCi/L	0	GP
		Cesium-137	<1.0E+01	pCi/L	0	GP
		Cobalt-57	<1.0E+01	pCi/L	0	GP
		Cobalt-60	<1.0E+01	pCi/L	0	GP
		Europium-154	<2.0E+01	pCi/L	0	GP
		Europium-155	<3.0E+01	pCi/L	0	GP
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Manganese-54	<1.0E+01	pCi/L	0	GP
		Neptunium-237	<7.0E+01	pCi/L	0	GP
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Potassium-40	<1.1E+02	pCi/L	0	GP
		Promethium-144	<1.0E+01	pCi/L	0	GP
		Promethium-146	<1.0E+01	pCi/L	0	GP
		Ruthenium-103	<1.0E+01	pCi/L	0	GP
		Radium-226 or Uranium-235	<2.1E+02	pCi/L	0	GP
		Sodium-22	<1.0E+01	pCi/L	0	GP
		Thorium-228	<7.5E+02	pCi/L	0	GP
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Tritium	3.1E+00 ± 4.0E-01	pCi/mL	0	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP
		Zinc-65	<2.0E+01	pCi/L	0	GP

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 35D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N73946.0 E56556.5	33.281599 °N 81.661514 °W	239.4-219.4 ft msl	273.5 ft msl	4" PVC	Water Table (UB_2)

FIELD MEASUREMENTS

Sample date: 05/20/92
Depth to water: 38.76 ft (11.81 m) below TOC
Water elevation: 234.74 ft (71.55 m) msl
Sp. conductance: 36 µS/cm
Water evacuated before sampling: 10 gal
The well went dry during purging.

Time: 10:50
pH: 4.0
Alkalinity: 0 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	5.2	pH	0	GE
		Specific conductance	43	µS/cm	0	GE
•		Turbidity	70	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	78	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	14	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	C	GE
		4-Bromophenyl phenyl ether	10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	228	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	3,020	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 35D collected on 05/20/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	25	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0•	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	17	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 35D collected on 05/20/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Isophorone	<10	µg/L	0	GE
		Lead	3.5	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	371	µg/L	0	GE
		Manganese	2.1	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	2,290	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	<500	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	8,020	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	5,720	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	54,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
•		Total organic halogens	<5.0	µg/L	0	GE
•		Total phosphates (as P)	1,020	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 35D collected on 05/20/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Antimony-125	<2.0E+01	pCi/L	0	GP
		Cerium-144	<6.0E+01	pCi/L	0	GP
		Cesium-134	<1.0E+01	pCi/L	0	GP
		Cesium-137	<1.0E+01	pCi/L	0	GP
		Cobalt-57	<1.0E+01	pCi/L	0	GP
		Cobalt-60	<1.0E+01	pCi/L	0	GP
		Europium-154	<2.0E+01	pCi/L	0	GP
		Europium-155	<3.0E+01	pCi/L	0	GP
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Manganese-54	<1.0E+01	pCi/L	0	GP
		Neptunium-237	<7.0E+01	pCi/L	0	GP
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Potassium-40	<1.1E+02	pCi/L	0	GP
		Promethium-144	<1.0E+01	pCi/L	0	GP
		Promethium-146	<1.0E+01	pCi/L	0	GP
		Ruthenium-103	<1.0E+01	pCi/L	0	GP
		Radium-226 or Uranium-235	<2.1E+02	pCi/L	0	GP
		Sodium-22	<1.0E+01	pCi/L	0	GP
		Thorium-228	<7.5E+02	pCi/L	0	GP
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
	■	Tritium	2.0E+02 ± 2.3E+00	pCi/mL	2	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP
		Zinc-65	<2.0E+01	pCi/L	0	GP

WELL BGO 36D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N73743.8 E56888.1	33.281692 °N 81.660248 °W	243.3-223.3 ft msl	275.4 ft msl	4" PVC	Water Table (IIB_2)

FIELD MEASUREMENTS

Sample date: 05/20/92
Depth to water: 38.70 ft (11.80 m) below TOC
Water elevation: 236.70 ft (72.15 m) msl
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 9 gal
The well went dry during purging.

Time: 11:50
pH: 4.4
Alkalinity: 0 mg/L
Water temperature: 19.6°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	5.5	pH	0	GE
		Specific conductance	30	µS/cm	0	GE
		Turbidity	134	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	111	µg/L	1	GE
		Anthracene	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 36D collected on 05/20/92, laboratory analyses (cont.)

H	D	Analyte	Result.	Unit	Flag	Lab
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	17	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	97	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	3,850	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	22	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 36D collected on 05/20/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	119	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Lead	8.5	µg/L	1	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	410	µg/L	0	GE
		Manganese	13	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	950	µg/L	0	GE
		Nitrate as nitrogen	960	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 36D collected on 05/20/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	<500	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	6,730	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	3,580	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
•		Total dissolved solids	29,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	62	µg/L	2	GE
		Total phosphates (as P)	120	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Antimony-125	<2.0E+01	pCi/L	0	GP
		Cerium-144	<6.0E+01	pCi/L	0	GP
		Cesium-134	<1.0E+01	pCi/L	0	GP
		Cesium-137	<1.0E+01	pCi/L	0	GP
		Cobalt-57	<1.0E+01	pCi/L	0	GP
		Cobalt-60	<1.0E+01	pCi/L	0	GP
		Europium-154	<2.0E+01	pCi/L	0	GP
		Europium-155	<3.0E+01	pCi/L	0	GP
		Gross alpha	2.3E+00 ± 3.0E-01	pCi/L	0	GE
		Gross alpha	2.3E+00 ± 2.6E-01	pCi/L	0	GE
		Manganese-54	<1.0E+01	pCi/L	0	GP
		Neptunium-237	<7.0E+01	pCi/L	0	GP
		Nonvolatile beta	2.3E+00 ± 3.1E-01	pCi/L	0	GE
		Nonvolatile beta	2.3E+00 ± 2.7E-01	pCi/L	0	GE
		Potassium-40	<1.1E+02	pCi/L	0	GP
		Promethium-144	<1.0E+01	pCi/L	0	GP
		Promethium-146	<1.0E+01	pCi/L	0	GP
		Ruthenium-103	<1.0E+01	pCi/L	0	GP
		Radium-226 or Uranium-235	<2.1E+02	pCi/L	0	GP
		Sodium-22	<1.0E+01	pCi/L	0	GP
		Thorium-228	<7.5E+02	pCi/L	0	GP
		Total alpha-emitting radium	2.1E+00 ± 1.2E+00	pCi/L	0	GE
	■	Tritium	2.6E+01 ± 9.0E-01	pCi/mL	2	GE
	■	Tritium	2.8E+01 ± 9.0E-01	pCi/mL	2	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 36D collected on 05/20/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Uranium-238	<1.0E+00	pCi/L	0	GP
		Zinc-65	<2.0E+01	pCi/L	0	GP

WELL BGO 37C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N73498.2 E57279.2	33.281787 °N 81.658741 °W	178.8-168.8 ft msl	286.3 ft msl	4" PVC	McBean (IIB_1)

FIELD MEASUREMENTS

Sample date: 04/20/92 Time: 14:50
Depth to water: 55.64 ft (16.96 m) below TOC
Water elevation: 230.66 ft (70.31 m) msl
Inaccessibility or pump failure prevented sample collection.

WELL BGO 37D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N73490.8 E57292.9	33.281793 °N 81.658691 °W	246.1-226.1 ft msl	287.3 ft msl	4" PVC	Water Table (IIB_2)

FIELD MEASUREMENTS

Sample date: 05/20/92 Time: 12:30
Depth to water: 49.36 ft (15.05 m) below TOC pH: 4.7
Water elevation: 237.94 ft (72.52 m) msl Alkalinity: 1 mg/L
Sp. conductance: 34 µS/cm Water temperature: 19.9°C
Water evacuated before sampling: 7 gal
The well went dry during purging.

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	6.0	pH	0	GE
		Specific conductance	39	µS/cm	0	GE
		Turbidity	51	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	<20	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	8.3	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 37D collected on 05/20/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	431	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	1,640	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	7.8	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 37D collected on 05/20/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	98	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Lead	3.6	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	266	µg/L	0	GE
		Manganese	21	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	2,700	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	<500	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	6,630	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 37D collected on 05/20/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Silver	<2.0	µg/L	0	GE
		Sodium	4,850	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
•		Total dissolved solids	43,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	2.1E+00 ± 5.0E-01	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
	■	Tritium	2.7E+01 ± 9.0E-01	pCi/mL	2	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

WELL BGO 38D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N73329.3 E57557.5	33.281868 °N 81.657681 °W	242.3-222.3 ft msl	291.6 ft msl	4" PVC	Water Table (IIB_2)

FIELD MEASUREMENTS

Sample date: 05/20/92
Depth to water: 56.46 ft (17.21 m) below TOC
Water elevation: 235.14 ft (71.67 m) msl
Sp. conductance: 32 µS/cm
Water evacuated before sampling: 3 gal
The well went dry during purging.

Time: 12:55
pH: 4.0
Alkalinity: 0 mg/L
Water temperature: 19.7°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	4.6	pH	0	GE
•		pH	4.7	pH	0	GE
		Specific conductance	29	µS/cm	0	GE
		Specific conductance	29	µS/cm	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 38D collected on 05/20/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Turbidity	259	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	197	µg/L	1	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	13	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	125	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	1,310	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	5.3	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 38D collected on 05/20/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	5.8	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Lead	3.7	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	676	µg/L	0	GE
		Manganese	9.3	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	1,810	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 38D collected on 05/20/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	<500	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	5,910	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	1,400	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
•		Total dissolved solids	35,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Gross alpha	3.3E+00 ± 5.1E-01	pCi/L	0	GE
		Nonvolatile beta	3.2E+00 ± 4.8E-01	pCi/L	0	GE
		Total alpha-emitting radium	1.9E+00 ± 1.1E+00	pCi/L	0	GE
	■	Tritium	3.1E+01 ± 9.0E-01	pCi/mL	2	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 39D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N7358[illegible].5 E57831.0	33.282876 °N 81.657454 °W	244.7-224.7 ft msl	295.7 ft msl.	4" PVC	Water Table (IIB_2)

FIELD MEASUREMENTS

Sample date: 05/20/92
Depth to water: 59.93 ft (18.27 m) below TOC
Water elevation: 235.77 ft (71.86 m) msl
Sp. conductance: 33 µS/cm
Water evacuated before sampling: 6 gal
The well went dry during purging.

Time: 13:15
pH: 4.0
Alkalinity: 0 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	4.7	pH	0	GE
		Specific conductance	35	µS/cm	0	GE
		Turbidity	122	NTU	0	GE
		Turbidity	116	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	91	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	5.9	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	22	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	3,020	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 39D collected on 05/20/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromo ,hloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	42	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 39D collected on 05/20/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Isophorone	<10	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	108	µg/L	0	GE
		Manganese	2.4	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	1,310	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	<500	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	6,240	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	3,560	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
•		Total dissolved solids	24,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 39D collected on 05/20/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Nonvolatile beta	3.5E+00 ± 4.9E-01	pCi/L	0	GE
		Total alpha-emitting radium	1.7E+00 ± 1.1E+00	pCi/L	0	GE
	■	Tritium	3.2E+01 ± 9.0E-01	pCi/mL	2	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

WELL BGO 40D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N76125.8 E54638.6	33.283290 °N 81.670799 °W	226.5-216.6 ft msl	288.4 ft msl	4" PVC	Water Table (IIB_2)

FIELD MEASUREMENTS

Sample date: 05/21/92
Depth to water: 65.50 ft (19.96 m) below TOC
Water elevation: 222.90 ft (67.94 m) msl
Sp. conductance: 432 µS/cm
Water evacuated before sampling: 1 gal
The well went dry during purging.

Time: 9:45
pH: 7.0
Alkalinity: 194 mg/L
Water temperature: 19.7°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	7.5	pH	0	GE
		Specific conductance	380	µS/cm	1	GE
		Turbidity	39	NTU	0	GE
		Turbidity	39	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	60	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	42	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[a]anthracene	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 40D collected on 05/21/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	10,000	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	6,090	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 40D collected on 05/21/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 40D collected on 05/21/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	43	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	1,360	µg/L	0	GE
		Manganese	34	µg/L	1	GE
		Mercury	<0.20	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	5.8	µg/L	0	GE
		Nitrate as nitrogen	390	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 40D collected on 05/21/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Phenanthrene	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	60,600	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	7,970	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	52,800	µg/L	0	GE
		Sulfate	8,560	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	261,000	µg/L	0	GE
		Total organic carbon	2,000	µg/L	0	GE
		Total organic halogens	5.6	µg/L	0	GE
		Total phosphates (as P)	280	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	1.8	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Gross alpha	5.4E+00 ± 1.3E+00	pCi/L	0	GE
	■	Nonvolatile beta	5.4E+01 ± 2.7E+00	pCi/L	2	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Tritium	4.9E+00 ± 5.0E-01	pCi/mL	0	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 41A

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N76469.5 E55403.7	33.285299 °N 81.669452 °W	113.3-103.3 ft msl	300.3 ft msl	4" PVC	U. Congaree (IIA)

FIELD MEASUREMENTS

Sample date: 05/21/92
Depth to water: 141.77 ft (43.21 m) below TOC
Water elevation: 158.53 ft (48.32 m) msl
Sp. conductance: 1777 µS/cm
Water evacuated before sampling: 21 gal
The well went dry during purging.

Time: 9:20
pH: 11.3
Alkalinity: 387 mg/L
Water temperature: 18.8°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	12	pH	2	GE
		Specific conductance	700	µS/cm	2	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	284	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	64,700	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chloride	2,360	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Iron	7.2	µg/L	0	GE
		Lead	3.1	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	41	µg/L	0	GE
		Manganese	<2.0	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 41A collected on 05/21/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	<50	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	33,000	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	26,700	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	35,200	µg/L	0	GE
		Sulfate	11,800	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Toluene	1.4	µg/L	0	GE
		Total dissolved solids	245,000	µg/L	0	GE
		Total organic carbon	2,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,1,1-Trichloroethane	3.2	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	2.4	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Gross alpha	3.7E+00 ± 3.0E-01	pCi/L	0	GE
		Gross alpha	3.1E+00 ± 8.5E-01	pCi/L	0	GE
		Nonvolatile beta	2.5E+01 ± 6.4E-01	pCi/L	0	GE
		Nonvolatile beta	2.2E+01 ± 1.8E+00	pCi/L	0	GE
		Total alpha-emitting radium	1.9E+00 ± 1.0E+00	pCi/L	0	GE
		Tritium	<7.0E-01	pCi/mL	0	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 42C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N76404.7 E55522.3	33.285349 °N 81.669014 °W	195.9-185.9 ft msl	297.9 ft msl	4" PVC	Barnwell (IIB_1)

FIELD MEASUREMENTS

Sample date: 05/21/92
Depth to water: 74.15 ft (22.60 m) below TOC
Water elevation: 223.75 ft (68.20 m) msl
Sp. conductance: 58 µS/cm
Water evacuated before sampling: 17 gal
The well went dry during purging.

Time: 8:45
pH: 5.4
Alkalinity: 14 mg/L
Water temperature: 18.2°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	6.0	pH	0	GE
		Specific conductance	38	µS/cm	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	10	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	1,660	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chloride	2,610	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Iron	18	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	435	µg/L	0	GE
		Manganese	17	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 42C collected on 05/21/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	1,150	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	1,270	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	10,600	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	4,910	µg/L	0	GE
		Sulfate	1,560	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	29,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	56	µg/L	2	GE
		Total phosphates (as P)	50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
	■	Trichloroethylene	63	µg/L	2	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Tritium	7.2E+00 ± 5.0E-01	pCi/mL	0	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

WELL BGO 43A

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N77061.4 E56253.4	33.287994 °N 81.668364 °W	115.9-105.9 ft msl	314.9 ft msl	4" PVC	U. Congaree (IIA)

FIELD MEASUREMENTS

Sample date: 05/19/92
Depth to water: 157.64 ft (48.05 m) below TOC
Water elevation: 157.26 ft (47.93 m) msl
Sp. conductance: 1639 µS/cm
Water evacuated before sampling: 20 gal
The well went dry during purging.

Time: 9:00
pH: 11.6
Alkalinity: 365 mg/L
Water temperature: 18.7°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	12	pH	2	GE
•		pH	12	pH	2	GE
		Specific conductance	1,000	µS/cm	2	GE
		Specific conductance	1,000	µS/cm	2	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 43A collected on 05/19/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Arsenic	14	µg/L	0	GE
		Arsenic	14	µg/L	0	GE
		Barium	73	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	64,200	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chloride	2,320	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chromium	4.7	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoride	117	µg/L	0	GE
		Iron	<4.0	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	20	µg/L	0	GE
		Manganese	<2.0	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	110	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	25,400	µg/L	0	GE
		Selenium	<10	µg/L	0	GE
		Selenium	<10	µg/L	0	GE
		Silica	40,200	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	20,200	µg/L	0	GE
		Sulfate	15,900	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
•		Total dissolved solids	295,000	µg/L	0	GE
		Total organic carbon	3,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 43A collected on 05/19/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,1,1-Trichloroethane	1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	2.0E+01 ± 4.4E-01	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Tritium	9.9E-01 ± 4.0E-01	pCi/mL	0	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

WELL BGO 43AA

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N77066.0 E56268.6	33.288029 °N 81.668333 °W	72.2-62.2 ft msl	314.3 ft msl	4" PVC	L. Congaree (IIA)

FIELD MEASUREMENTS

Sample date: 04/30/92
Depth to water: 157.39 ft (47.97 m) below TOC
Water elevation: 156.91 ft (47.83 m) msl
Sp. conductance: 181 µS/cm
Water evacuated before sampling: 249 gal

Time: 13:05
pH: 10.2
Alkalinity: 77 mg/L
Water temperature: 19.6°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	9.7	pH	1	GE
		Specific conductance	110	µS/cm	0	GE
		Arsenic	2.8	µg/L	0	GE
		Barium	26	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	25,600	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 43AA collected on 04/30/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chloride	2,380	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Iron	<4.0	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 43AA collected on 04/30/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	491	µg/L	0	GE
		Manganese	3.1	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	<50	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	8,170	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	23,100	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	6,750	µg/L	0	GE
		Sulfate	8,620	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	123,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	7.3E+00 ± 7.0E-01	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Tritium	<7.0E-01	pCi/mL	0	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 43CR

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N77035.2 E56237.2	33.287910 °N 81.668356 °W		315.3 ft msl		Barnwell (IIB_1)

FIELD MEASUREMENTS

Sample date: 05/19/92
Depth to water: 88.84 ft (27.08 m) below TOC
Water elevation: 226.46 ft (69.03 m) msl
Sp. conductance: 119 µS/cm
Water evacuated before sampling: 31 gal
The well went dry during purging.

Time: 8:45
pH: 7.0
Alkalinity: 29 mg/L
Water temperature: 18.7°C

FIELD MEASUREMENTS

Sample date: 05/19/92
No water was evacuated before sampling.

Time: Not available

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	7.6	pH	0	GE
		Specific conductance	145	µS/cm	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	23	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	16,200	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chloride	2,460	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 43CR collected on 05/19/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Iron	6.0	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	1,510	µg/L	0	GE
		Manganese	30	µg/L	1	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Nickel	4.7	µg/L	0	GE
		Nitrate as nitrogen	170	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	2,510	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	9,140	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	5,000	µg/L	0	GE
		Sulfate	16,100	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
•		Total dissolved solids	99,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Gross alpha	6.0E+00 ± 5.7E-01	pCi/L	0	GE
		Nonvolatile beta	6.4E+00 ± 5.1E-01	pCi/L	0	GE
	■	Total alpha-emitting radium	5.0E+00 ± 1.6E+00	pCi/L	2	GE
		Tritium	2.6E+00 ± 4.0E-01	pCi/mL	0	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 43D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N77056.7 E56238.8	33.287960 °N 81.668394 °W	208.2-198.2 ft msl	315.3 ft msl	4" PVC	Barnwell (IIB_1)

FIELD MEASUREMENTS

Sample date: 04/30/92
Depth to water: 83.13 ft (25.34 m) below TOC
Water elevation: 232.17 ft (70.77 m) msl
Sp. conductance: 63 µS/cm
Water evacuated before sampling: 89 gal

Time: 13:45
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	5.6	pH	0	GE
		Specific conductance	52	µS/cm	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	13	µg/L	0	GE
•		Benzene	<1.0	µg/L	0	GE
•		Bromodichloromethane	<1.0	µg/L	0	GE
•		Bromoform	<1.0	µg/L	0	GE
•		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	4,450	µg/L	0	GE
•		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chloride	2,560	µg/L	0	GE
		Chloride	2,480	µg/L	0	GE
•		Chlorobenzene	<1.0	µg/L	0	GE
•		Chloroethane	<1.0	µg/L	0	GE
•		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
•		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
•		Chloroform	<1.0	µg/L	0	GE
•		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
•		Dibromochloromethane	<1.0	µg/L	0	GE
•		1,1-Dichloroethane	<1.0	µg/L	0	GE
•		1,2-Dichloroethane	<1.0	µg/L	0	GE
•		1,1-Dichloroethylene	<1.0	µg/L	0	GE
•		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
•		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
•		1,2-Dichloropropane	<1.0	µg/L	0	GE
•		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
•		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
•		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Iron	<4.0	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 43D collected on 04/30/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Magnesium	1,240	µg/L	0	GE
		Manganese	12	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Nickel	4.9	µg/L	0	GE
		Nitrate as nitrogen	370	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	1,830	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	6,560	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	3,010	µg/L	0	GE
		Sulfate	13,500	µg/L	0	GE
		Sulfate	13,300	µg/L	0	GE
•		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
•		Tetrachloroethylene	<1.0	µg/L	0	GE
•		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	40,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
•		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
•		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
•		Trichloroethylene	<1.0	µg/L	0	GE
•		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Gross alpha	9.4E+00 ± 8.4E-01	pCi/L	1	GE
		Nonvolatile beta	7.4E+00 ± 6.4E-01	pCi/L	0	GE
		Total alpha-emitting radium	4.3E+00 ± 1.2E+00	pCi/L	1	GE
		Tritium	4.7E+00 ± 5.0E-01	pCi/mL	0	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 44A

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N76755.2 E57851.2	33.289924 °N 81.663562 °W		285.3 ft msl		U. Congaree (IIA)

FIELD MEASUREMENTS

Sample date: 05/18/92
Depth to water: 126.59 ft (38.59 m) below TOC
Water elevation: 158.71 ft (48.38 m) msl
Sp. conductance: 208 µS/cm
Water evacuated before sampling: 200 gal

Time: 12:35
pH: 7.4
Alkalinity: 88 mg/L
Water temperature: 19.9°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	7.7	pH	0	GE
		Specific conductance	210	µS/cm	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	38	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	36,400	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chloride	2,450	µg/L	0	GE
		Chloride	2,510	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoride	111	µg/L	0	GE
		Iron	<4.0	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	806	µg/L	0	GE
		Manganese	6.5	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 44A collected on 05/18/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Methoxychlor	<0.50	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	<50	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	1,440	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	28,800	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	1,900	µg/L	0	GE
		Sulfate	6,060	µg/L	0	GE
		Sulfate	6,060	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	132,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	210	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	2.6E+00 ± 5.5E-01	pCi/L	0	GE
		Total alpha-emitting radium	1.2E+00 ± 1.0E+00	pCi/L	0	GE
		Tritium	<7.0E-01	pCi/mL	0	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 44AA

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N76757.0 E57880.5	33.289976 °N 81.663488 °W		285.3 ft msl		L. Congaree (IIA)

FIELD MEASUREMENTS

Sample date: 05/18/92
Depth to water: 126.49 ft (38.55 m) below TOC
Water elevation: 158.81 ft (48.41 m) msl
Sp. conductance: 218 µS/cm
Water evacuated before sampling: 385 gal

Time: 13:20
pH: 9.7
Alkalinity: 94 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	9.8	pH	1	GE
		Specific conductance	170	µS/cm	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	45	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	29,600	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chloride	2,170	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoride	117	µg/L	0	GE
		Iron	18	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	458	µg/L	0	GE
		Manganese	2.5	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 44AA collected on 05/18/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	<50	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	7,090	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	27,100	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	7,680	µg/L	0	GE
		Sulfate	9,560	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Toluene	1.6	µg/L	0	GE
		Total dissolved solids	98,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	5.4E+00±6.8E-01	pCi/L	0	GE
		Nonvolatile beta	5.5E+00±6.1E-01	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Tritium	<7.0E-01	pCi/mL	0	GE
		Tritium	<7.0E-01	pCi/mL	0	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 44B

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N76756.0 E57865.8	33.289950 °N 81.663525 °W		285.2 ft msl		McBean (lIB_1)

FIELD MEASUREMENTS

Sample date: 05/19/92
Depth to water: 63.95 ft (19.49 m) below TOC
Water elevation: 221.25 ft (67.44 m) msl
Sp. conductance: 1147 µS/cm
Water evacuated before sampling: 37 gal
The well went dry during purging.

Time: 9:35
pH: 11.1
Alkalinity: 262 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	12	pH	2	GE
		Specific conductance	1,200	µS/cm	2	GE
		Arsenic	5.5	µg/L	0	GE
		Barium	48	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	22,300	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chloride	2,140	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 44B collected on 05/19/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.7	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoride	266	µg/L	0	GE
		Iron	5.4	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	280	µg/L	0	GE
		Manganese	<2.0	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	210	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	11,200	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	55,100	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	12,700	µg/L	0	GE
		Sulfate	12,600	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Toluene	2.0	µg/L	0	GE
		Toluene	1.9	µg/L	0	GE
•		Total dissolved solids	32,000	µg/L	0	GE
		Total organic carbon	2,000	µg/L	0	GE
		Total organic halogens	54	µg/L	2	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,1,1-Trichloroethane	1.1	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	1.7	µg/L	0	GE
		Trichloroethylene	1.4	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Gross alpha	6.1E+00 ± 8.0E-01	pCi/L	0	GE
		Nonvolatile beta	2.0E+01 ± 1.2E+00	pCi/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 44B collected on 05/19/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Total alpha-emitting radium	< 1.0E+00	pCi/L	0	GE
	■	Tritium	1.0E+03 ± 4.9E+00	pCi/mL	2	GE
		Uranium-234	< 1.0E+00	pCi/L	0	GP
		Uranium-235	< 1.0E+00	pCi/L	0	GP
		Uranium-238	< 1.0E+00	pCi/L	0	GP

WELL BGO 44C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N76757.8 E57894.9	33.290001 °N 81.663452 °W		285.6 ft msl		Barnwell (IIB_1)

FIELD MEASUREMENTS

Sample date: 05/19/92
Depth to water: 64.49 ft (19.66 m) below TOC
Water elevation: 221.11 ft (67.40 m) msl
Sp. conductance: 157 µS/cm
Water evacuated before sampling: 20 gal
The well went dry during purging.

Time: 9:50
pH: 8.9
Alkalinity: 63 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	9.9	pH	1	GE
		Specific conductance	175	µS/cm	0	GE
		Arsenic	< 2.0	µg/L	0	GE
		Arsenic	< 2.0	µg/L	0	GE
		Barium	37	µg/L	0	GE
		Benzene	< 1.0	µg/L	0	GE
		Bromodichloromethane	< 1.0	µg/L	0	GE
		Bromoform	< 1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	< 1.0	µg/L	0	GE
		Cadmium	< 2.0	µg/L	0	GE
		Calcium	11,900	µg/L	0	GE
		Carbon tetrachloride	< 1.0	µg/L	0	GE
		Chloride	2,520	µg/L	0	GE
		Chloride	2,530	µg/L	0	GE
		Chlorobenzene	< 1.0	µg/L	0	GE
		Chloroethane	< 1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	< 1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	< 1.0	µg/L	0	GE
		Chloroform	< 1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	< 1.0	µg/L	0	GE
		Chromium	< 4.0	µg/L	0	GE
		Dibromochloromethane	< 1.0	µg/L	0	GE
		1,1-Dichloroethane	< 1.0	µg/L	0	GE
		1,2-Dichloroethane	< 1.0	µg/L	0	GE
		1,1-Dichloroethylene	< 1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	< 1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.1	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	0	GE
		1,2-Dichloropropane	< 1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 44C collected on 05/19/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoride	219	µg/L	0	GE
		Iron	<4.0	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	643	µg/L	0	GE
		Manganese	2.8	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	800	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	5,710	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	7,260	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	16,500	µg/L	0	GE
		Sulfate	6,250	µg/L	0	GE
		Sulfate	6,210	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
•		Total dissolved solids	101,000	µg/L	0	GE
•		Total dissolved solids	110,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	220	µg/L	0	GE
		Total phosphates (as P)	190	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	2.7	µg/L	1	GE
		Trichlorofluoromethane	4.0	µg/L	0	GE
		Gross alpha	3.1E+00 ± 6.4E-01	pCi/L	0	GE
		Nonvolatile beta	9.6E+00 ± 8.2E-01	pCi/L	0	GE
		Total alpha-emitting radium	1.9E+00 ± 1.1E+00	pCi/L	0	GE
	■	Tritium	2.8E+02 ± 2.6E+00	pCi/mL	2	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 44D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N76759.5 E57910.0	33.290030 °N 81.663415 °W		285.4 ft msl		Water Table (IIB_2)

FIELD MEASUREMENTS

Sample date: 05/18/92
Depth to water: 53.43 ft (16.29 m) below TOC
Water elevation: 231.97 ft (70.71 m) msl
Sp. conductance: 25 µS/cm
Water evacuated before sampling: 24 gal

Time: 13:10
pH: 4.3
Alkalinity: 1 mg/L
Water temperature: 19.7°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	5.4	pH	0	GE
		Specific conductance	30	µS/cm	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	49	µg/L	0	GE
•		Benzene	<1.0	µg/L	0	GE
•		Bromodichloromethane	<1.0	µg/L	0	GE
•		Bromoform	<1.0	µg/L	0	GE
•		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	1,040	µg/L	0	GE
•		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chloride	2,050	µg/L	0	GE
•		Chlorobenzene	<1.0	µg/L	0	GE
•		Chloroethane	<1.0	µg/L	0	GE
•		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
•		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
•		Chloroform	<1.0	µg/L	0	GE
•		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
•		Dibromochloromethane	<1.0	µg/L	0	GE
•		1,1-Dichloroethane	<1.0	µg/L	0	GE
•		1,2-Dichloroethane	<1.0	µg/L	0	GE
•		1,1-Dichloroethylene	<1.0	µg/L	0	GE
•		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
•		Dichlorormethane (Methylene chloride)	1.1	µg/L	0	GE
•		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
•		1,2-Dichloropropane	<1.0	µg/L	0	GE
•		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
•		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
•		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Iron	<4.0	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	368	µg/L	0	GE
		Manganese	8.4	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 44D collected on 05/18/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	840	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	<500	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	7,590	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	1,630	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
•		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
•		Tetrachloroethylene	<1.0	µg/L	0	GE
•		Toluene	<1.0	µg/L	0	GE
•		Total dissolved solids	14,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
•		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
•		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
•		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
•		Trichloroethylene	<1.0	µg/L	0	GE
•		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Gross alpha	4.9E+00±6.0E-01	pCi/L	0	GE
		Nonvolatile beta	2.9E+00±4.6E-01	pCi/L	0	GE
		Total alpha-emitting radium	2.6E+00±1.1E+00	pCi/L	1	GE
	■	Tritium	7.2E+02±4.2E+00	pCi/mL	2	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

WELL BGO 45A

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N75830.0 E54550.1	33.282492 °N 81.670457 °W	126.9-116.9 ft msl	278.9 ft msl	4" PVC	U. Congaree (IIA)

FIELD MEASUREMENTS

Sample date: 05/22/92
Depth to water: 117.88 ft (35.93 m) below TOC
Water elevation: 161.02 ft (49.08 m) msl
Sp. conductance: 182 µS/cm
Water evacuated before sampling: 145 gal
Time: 10:55
pH: 7.4
Alkalinity: 75 mg/L
Water temperature: 19.2°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	7.8	pH	0	GE
		Specific conductance	190	µS/cm	0	GE
•		Turbidity	<0.10	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 45A collected on 05/22/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	<20	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	34	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	36,300	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	1,930	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 45A collected on 05/22/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.1	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	<4.0	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 45A collected on 05/22/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	493	µg/L	0	GE
		Manganese	<2.0	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	720	µg/L	0	GE
		Nitrate as nitrogen	660	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	<500	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	25,200	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	2,170	µg/L	0	GE
		Sulfate	3,230	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	102,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	9.4	µg/L	0	GE
		Total phosphates (as P)	100	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 45A collected on 05/22/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Tritium	<7.0E-01	pCi/mL	0	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

WELL BGO 45B

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N75840.3 E54563.6	33.282536 °N 81.670441 °W	147.0-137.0 ft msl	278.6 ft msl	4" PVC	McBean (IIB_1)

FIELD MEASUREMENTS

Sample date: 05/22/92
Depth to water: 58.00 ft (17.68 m) below TOC
Water elevation: 220.60 ft (67.24 m) msl
Sp. conductance: 227 µS/cm
Water evacuated before sampling: 44 gal
The well went dry during purging.

Time: 10:15
pH: 10.7
Alkalinity: 46 mg/L
Water temperature: 18.9°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	11	pH	2	GE
		Specific conductance	315	µS/cm	1	GE
•		Turbidity	<0.10	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	191	µg/L	1	GE
		Aluminum	191	µg/L	1	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	76	µg/L	0	GE
		Barium	76	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 45B collected on 05/22/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	32,500	µg/L	0	GE
		Calcium	32,600	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	1,960	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	11	µg/L	0	GE
		Chromium	11	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.3	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 45B collected on 05/22/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	<4.0	µg/L	0	GE
		Iron	<4.0	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	176	µg/L	0	GE
		Magnesium	174	µg/L	0	GE
		Manganese	<2.0	µg/L	0	GE
		Manganese	<2.0	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	800	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 45B collected on 05/22/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	8,770	µg/L	0	GE
		Potassium	8,640	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	12,400	µg/L	0	GE
		Silica	12,400	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	9,630	µg/L	0	GE
		Sodium	9,570	µg/L	0	GE
		Sulfate	2,470	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	82,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	6.8E+00 ± 1.7E+00	pCi/L	0	GE
		Total alpha-emitting radium	1.2E+00 ± 9.0E-01	pCi/L	0	GE
		Tritium	3.1E+00 ± 4.0E-01	pCi/mL	0	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 45C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N75835.0 E54577.4	33.282547 °N 81.670395 °W	200.5-190.5 ft msl	278.6 ft msl	4" PVC	Barnwell (IIB_1)

FIELD MEASUREMENTS

Sample date: 05/22/92
Depth to water: 55.14 ft (16.81 m) below TOC
Water elevation: 223.46 ft (68.11 m) msl
Sp. conductance: 34 µS/cm
Water evacuated before sampling: 14 gal
The well went dry during purging.

Time: 10:30
pH: 5.1
Alkalinity: 5 mg/L
Water temperature: 18.6°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	5.9	pH	0	GE
		Specific conductance	38	µS/cm	0	GE
•		Turbidity	6.7	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	170	µg/L	1	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	12	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	2,430	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	2,460	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 45C collected on 05/22/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.1	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 45C collected on 05/22/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Iron	132	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Lead	12	µg/L	1	GE
		Lead	12	µg/L	1	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Magnesium	607	µg/L	0	GE
		Manganese	34	µg/L	1	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	8.8	µg/L	0	GE
		Nitrate as nitrogen	890	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	739	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	8,610	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	2,610	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	26,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 45C collected on 05/22/92, laboratory analyses (cont)

H	D	Analyte	Result	Unit	Flag	Lab
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
	■	Tritium	1.2E+02 ± 1.8E+00	pCi/mL	2	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

WELL BGO 45D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N75854.3 E54585.6	33.282603 °N 81.670411 °W	229.6-209.6 ft msl	278.6 ft msl	4" PVC	Water Table (IIB_2)

FIELD MEASUREMENTS

Sample date: 05/22/92
Depth to water: 50.51 ft (15.40 m) below TOC
Water elevation: 228.09 ft (69.52 m) msl
Sp. conductance: 27 µS/cm
Water evacuated before sampling: 49 gal

Time: 11:30
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 19.4°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	5.5	pH	0	GE
•		pH	5.5	pH	0	GE
		Specific conductance	30	µS/cm	0	GE
•		Turbidity	<0.10	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	29	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	8.8	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 45D collected on 05/22/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	1,320	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	2,230	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 45D collected on 05/22/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.9	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
•		Endrin	<0.0060	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 45D collected on 05/22/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	5.7	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
•		Lindane	<0.0050	µg/L	0	GE
		Magnesium	519	µg/L	0	GE
		Manganese	11	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
•		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	1,030	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 45D collected on 05/22/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	<500	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	8,010	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	2,300	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	21,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
	•	Toxaphene	<0.24	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	1.6	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
	■	Tritium	1.1E+02 ± 1.7E+00	pCi/mL	2	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 46B

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N75012.1 E54444.7	33.280511 °N 81.669146 °W	150.4-140.4 ft msl	265.4 ft msl	4" PVC	McBean (IIB_1)

FIELD MEASUREMENTS

Sample date: 05/18/92
Depth to water: 47.27 ft (14.41 m) below TOC
Water elevation: 218.13 ft (66.49 m) msl
Sp. conductance: 61 µS/cm
Water evacuated before sampling: 205 gal
Time: 10:25
pH: 5.7
Alkalinity: 15 mg/L
Water temperature: 19.8°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	6.6	pH	0	GE
•		pH	6.7	pH	0	GE
•		pH	6.6	pH	0	GE
•		pH	6.7	pH	0	GE
•		pH	6.6	pH	0	WA
•		pH	6.7	pH	0	WA
		Specific conductance	65	µS/cm	0	GE
		Specific conductance	60	µS/cm	0	GE
		Specific conductance	60	µS/cm	0	GE
•		Specific conductance	54	µS/cm	0	WA
•		Specific conductance	54	µS/cm	0	WA
		Arsenic	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	WA
		Arsenic	<2.0	µg/L	0	WA
		Barium	3.5	µg/L	0	GE
		Barium	3.5	µg/L	0	GE
		Barium	4.4	µg/L	0	WA
		Barium	4.7	µg/L	0	WA
		Benzene	<1.0	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Benzene	<5.0	µg/L	0	WA
		Benzene	<5.0	µg/L	0	WA
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromodichloromethane	<5.0	µg/L	0	WA
		Bromodichloromethane	<5.0	µg/L	0	WA
		Bromoform	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromoform	<5.0	µg/L	0	WA
		Bromoform	<5.0	µg/L	0	WA
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<10	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	µg/L	0	WA

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 46B collected on 05/18/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Cadmium	<2.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Cadmium	<0.35	µg/L	0	WA
		Cadmium	0.67	µg/L	0	WA
		Calcium	8,300	µg/L	0	GE
		Calcium	8,270	µg/L	0	GE
		Calcium	8,240	µg/L	0	WA
		Calcium	8,200	µg/L	0	WA
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Carbon tetrachloride	<5.0	µg/L	0	WA
		Carbon tetrachloride	<5.0	µg/L	0	WA
		Chloride	1,820	µg/L	0	GE
		Chloride	1,830	µg/L	0	GE
		Chloride	1,990	µg/L	0	WA
		Chloride	2,030	µg/L	0	WA
		Chlorobenzene	<1.0	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chlorobenzene	<5.0	µg/L	0	WA
		Chlorobenzene	<5.0	µg/L	0	WA
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethane	<10	µg/L	0	WA
		Chloroethane	<10	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<10	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	µg/L	0	WA
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<10	µg/L	0	WA
		2-Chloroethyl vinyl ether	<10	µg/L	0	WA
		Chloroform	2.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloroform	<5.0	µg/L	0	WA
		Chloroform	<5.0	µg/L	0	WA
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<10	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	µg/L	0	WA
		Chromium	<4.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chromium	1.2	µg/L	0	WA
		Chromium	<1.1	µg/L	0	WA
		Dibromochloromethane	<1.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Dibromochloromethane	<5.0	µg/L	0	WA
		Dibromochloromethane	<5.0	µg/L	0	WA

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 46B collected on 05/18/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<5.0	µg/L	0	WA
		1,1-Dichloroethane	<5.0	µg/L	0	WA
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<5.0	µg/L	0	WA
		1,2-Dichloroethane	<5.0	µg/L	0	WA
		trans-1,2-Dichloroethene	<5.0	µg/L	0	WA
		trans-1,2-Dichloroethene	<5.0	µg/L	0	WA
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<5.0	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	µg/L	0	WA
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.8	µg/L	0	GE
		Dichloromethane (Methylene chloride)	4.8	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	8.8	µg/L	0	WA
		Dichloromethane (Methylene chloride)	9.2	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<1.1	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<2.2	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	µg/L	0	WA
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		1,2-Dichloropropane	<5.0	µg/L	0	WA
		1,2-Dichloropropane	<5.0	µg/L	0	WA
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<5.0	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	µg/L	0	WA
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<5.0	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	µg/L	0	WA
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<0.11	µg/L	0	WA
		Endrin	<0.11	µg/L	0	WA
		Endrin	<0.23	µg/L	0	WA
		Ethylbenzene	<1.0	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Ethylbenzene	<5.0	µg/L	0	WA

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 46B collected on 05/18/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Ethylbenzene	<5.0	µg/L	0	WA
		Fluoride	151	µg/L	0	GE
		Fluoride	172	µg/L	0	GE
		Fluoride	161	µg/L	0	GE
		Fluoride	151	µg/L	0	WA
		Fluoride	151	µg/L	0	WA
		Fluoride	151	µg/L	0	WA
		Fluoride	145	µg/L	0	WA
		Iron	4.2	µg/L	0	GE
		Iron	<4.0	µg/L	0	GE
		Iron	2.0	µg/L	0	WA
		Iron	4.0	µg/L	0	WA
		Lead	<3.0	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lead	<2.0	µg/L	0	WA
		Lead	<2.0	µg/L	0	WA
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<0.055	µg/L	0	WA
		Lindane	<0.056	µg/L	0	WA
		Lindane	<0.11	µg/L	0	WA
		Magnesium	325	µg/L	0	GE
		Magnesium	322	µg/L	0	GE
		Magnesium	327	µg/L	0	WA
		Magnesium	329	µg/L	0	WA
		Manganese	3.1	µg/L	0	GE
		Manganese	3.0	µg/L	0	GE
		Manganese	2.9	µg/L	0	WA
		Manganese	2.6	µg/L	0	WA
		Mercury	<0.20	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Mercury	<0.20	µg/L	0	WA
		Mercury	<0.20	µg/L	0	WA
		Methoxychlor	<0.50	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Methoxychlor	<0.55	µg/L	0	WA
		Methoxychlor	<0.56	µg/L	0	WA
		Methoxychlor	<1.1	µg/L	0	WA
		Methoxychlor	<2.3	µg/L	0	WA
		Nickel	<4.0	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nickel	<3.1	µg/L	0	WA
		Nickel	<3.1	µg/L	0	WA
		Nitrate as nitrogen	670	µg/L	0	GE
		Nitrate as nitrogen	740	µg/L	0	GE
		Nitrate as nitrogen	711	µg/L	0	WA
		Nitrate as nitrogen	634	µg/L	0	WA
		Phenols	<5.0	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Phenols	<5.0	µg/L	0	WA
		Phenols	<5.0	µg/L	0	WA
		Phenols	<5.0	µg/L	0	WA
		Potassium	516	µg/L	0	GE
		Potassium	528	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 46B collected on 05/18/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Potassium	494	µg/L	0	WA
		Potassium	543	µg/L	0	WA
		Selenium	<2.0	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Selenium	<2.0	µg/L	0	WA
		Selenium	<2.0	µg/L	0	WA
		Silica	12,400	µg/L	0	GE
		Silica	12,300	µg/L	0	GE
		Silica	11,900	µg/L	0	WA
		Silica	11,600	µg/L	0	WA
		Silver	<2.0	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Silver	<0.70	µg/L	0	WA
		Silver	<0.70	µg/L	0	WA
		Sodium	2,290	µg/L	0	GE
		Sodium	2,270	µg/L	0	GE
		Sodium	2,470	µg/L	0	WA
		Sodium	2,310	µg/L	0	WA
		Sulfate	1,930	µg/L	0	GE
		Sulfate	1,980	µg/L	0	GE
		Sulfate	2,120	µg/L	0	WA
		Sulfate	2,120	µg/L	0	WA
		Sulfate	2,140	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<5.0	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	µg/L	0	WA
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tetrachloroethylene	<5.0	µg/L	0	WA
		Tetrachloroethylene	<5.0	µg/L	0	WA
		Toluene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Toluene	1.6	µg/L	0	WA
		Toluene	1.7	µg/L	0	WA
•		Total dissolved solids	15,000	µg/L	0	GE
		Total dissolved solids	39,000	µg/L	0	GE
		Total dissolved solids	17,000	µg/L	0	GE
		Total dissolved solids	62,000	µg/L	0	WA
		Total dissolved solids	71,000	µg/L	0	WA
		Total dissolved solids	73,000	µg/L	0	WA
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	8,350	µg/L	1	WA
		Total organic carbon	7,400	µg/L	1	WA
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	27	µg/L	1	WA
		Total organic halogens	<20	µg/L	0	WA
		Total phosphates (as P)	720	µg/L	0	GE
		Total phosphates (as P)	730	µg/L	0	GE
		Total phosphates (as P)	781	µg/L	0	WA

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 46B collected on 05/18/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Total phosphates (as P)	767	µg/L	0	WA
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<1.1	µg/L	0	WA
		Toxaphene	<1.1	µg/L	0	WA
		Toxaphene	<2.3	µg/L	0	WA
		Toxaphene	<4.5	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.55	µg/L	0	WA
		2,4,5-TP (Silvex)	<1.1	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55	µg/L	0	WA
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,1-Trichloroethane	<5.0	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	µg/L	0	WA
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<5.0	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	µg/L	0	WA
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichloroethylene	1.3	µg/L	0	GE
		Trichloroethylene	1.3	µg/L	0	GE
		Trichloroethylene	1.2	µg/L	0	WA
		Trichloroethylene	1.1	µg/L	0	WA
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<5.0	µg/L	0	WA
		Trichlorofluoromethane	<5.0	µg/L	0	WA
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Gross alpha	<5.0E-01	pCi/L	0	TM
		Gross alpha	<5.0E-01	pCi/L	0	TM
		Gross alpha	<5.0E-01	pCi/L	0	TM
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	2.1E+00 ± 4.8E-01	pCi/L	0	GE
		Nonvolatile beta	<1.2E+00	pCi/L	0	TM
		Nonvolatile beta	<1.2E+00	pCi/L	0	TM
		Nonvolatile beta	2.5E+00 ± 9.0E-01	pCi/L	0	TM
		Radium-226	4.3E-01 ± 3.5E-01	pCi/L	0	TM
		Radium-226	9.5E-01 ± 5.6E-01	pCi/L	0	TM
		Radium-226	5.6E-01 ± 3.9E-01	pCi/L	0	TM
		Radium-228	1.6E+00 ± 1.2E+00	pCi/L	0	TM
		Radium-228	9.1E-01 ± 1.3E+00	pCi/L	0	TM
		Radium-228	<8.0E-01	pCi/L	0	TM
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Tritium	7.2E+00 ± 5.0E-01	pCi/mL	0	GE
		Tritium	7.6E+00 ± 5.0E-01	pCi/mL	0	GE
		Tritium	7.6E+00 ± 8.9E-01	pCi/mL	0	TM
		Tritium	7.2E+00 ± 7.8E-01	pCi/mL	0	TM

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 46B collected on 05/18/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Tritium	6.7E+00 ± 6.7E-01	pCi/mL	0	TM
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-234	<1.0E+00	pCi/L	0	CN
		Uranium-234	<1.0E+00	pCi/L	0	CN
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	CN
		Uranium-235	<1.0E+00	pCi/L	0	CN
		Uranium-238	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	CN
		Uranium-238	<1.0E+00	pCi/L	0	CN

WELL BGO 46C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N75022.2 E54433.9	33.280515 °N 81.669194 °W	188.0-178.0 ft msl	265.1 ft msl	4" PVC	Barnwell (IIB_1)

FIELD MEASUREMENTS

Sample date: 05/19/92
Depth to water: 45.35 ft (13.82 m) below TOC
Water elevation: 219.75 ft (66.98 m) msl
Sp. conductance: 84 µS/cm
Water evacuated before sampling: 28 gal
The well went dry during purging.

Time: 8:10
pH: 5.3
Alkalinity: 10 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	6.6	pH	0	GE
		Specific conductance	97	µS/cm	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	13	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	3,180	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chloride	2,320	µg/L	0	GE
		Chloride	2,340	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 46C collected on 05/19/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Iron	53	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	397	µg/L	0	GE
		Manganese	42	µg/L	1	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Nickel	4.3	µg/L	0	GE
		Nitrate as nitrogen	490	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	1,180	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	9,740	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	10,700	µg/L	0	GE
		Sulfate	18,100	µg/L	0	GE
		Sulfate	18,500	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
•		Total dissolved solids	58,000	µg/L	0	GE
•		Total dissolved solids	64,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
	■	Trichloroethylene	13	µg/L	2	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	2.4E+00 ± 4.6E-01	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
	■	Tritium	7.5E+01 ± 1.4E+00	pCi/mL	2	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 46D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N75033.8 E54420.0	33.280518 °N 81.669253 °W	212.1-202.1 ft msl	265.1 ft msl	4" PVC	Water Table (IIB_2)

FIELD MEASUREMENTS

Sample date: 05/18/92
Depth to water: 39.70 ft (12.10 m) below TOC
Water elevation: 225.40 ft (68.70 m) msl
Sp. conductance: 38 µS/cm
Water evacuated before sampling: 62 gal

Time: 9:55
pH: 4.2
Alkalinity: 0 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	5.3	pH	0	GE
		Specific conductance	35	µS/cm	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	6.2	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	757	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chloride	3,880	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
	■	Chloroethene (Vinyl chloride)	4.8	µg/L	2	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	3.7	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	31	µg/L	2	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	2.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Iron	11	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	316	µg/L	0	GE
		Manganese	22	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 46D collected on 05/18/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	1,360	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	<500	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	8,110	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	5,310	µg/L	0	GE
		Sulfate	1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
	■	Tetrachloroethylene	14	µg/L	2	GE
		Toluene	<1.0	µg/L	0	GE
•		Total dissolved solids	29,000	µg/L	0	GE
•		Total dissolved solids	28,000	µg/L	0	GE
		Total organic carbon	1,000	µg/L	0	GE
•		Total organic halogens	258	µg/L	2	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
	■	Trichloroethylene	75	µg/L	2	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
	■	Tritium	3.5E+04 ± 2.9E+01	pCi/mL	2	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 47A

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N74728.8 E54914.0	33.280650 °N 81.667360 °W	96.8-86.8 ft msl	266.9 ft msl	4" PVC	U. Congaree (IIA)

FIELD MEASUREMENTS

Sample date: 05/22/92
Depth to water: 104.34 ft (31.80 m) below TOC
Water elevation: 162.56 ft (49.55 m) msl
Sp. conductance: 140 µS/cm
Water evacuated before sampling: 250 gal
Time: 13:15
pH: 6.9
Alkalinity: 51 mg/L
Water temperature: 20.1 °C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	7.0	pH	0	GE
		Specific conductance	149	µS/cm	0	GE
		Arsenic	4.5	µg/L	0	GE
		Barium	37	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	24,600	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chloride	2,570	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoride	162	µg/L	0	GE
		Iron	<4.0	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	754	µg/L	0	GE
		Manganese	74	µg/L	2	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 47A collected on 05/22/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	<50	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	1,770	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	25,700	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	2,570	µg/L	0	GE
		Sulfate	6,970	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	85,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	390	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	3.3E+00 ± 4.4E-01	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Tritium	<7.0E-01	pCi/mL	0	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

WELL BGO 47C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N74752.0 E54933.4	33.280733 °N 81.667354 °W	188.6-178.6 ft msl	267.6 ft msl	4" PVC	Barnwell (IIB_1)

FIELD MEASUREMENTS

Sample date: 05/28/92
Depth to water: 44.71 ft (13.63 m) below TOC
Water elevation: 222.89 ft (67.94 m) msl
Sp. conductance: 31 µS/cm
Water evacuated before sampling: 118 gal
Time: 13:45
pH: 5.3
Alkalinity: 3 mg/L
Water temperature: 19.9°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	6.0	pH	0	GE
		Specific conductance	29	µS/cm	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	8.3	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 47C collected on 05/28/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Benzene	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	2,280	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chloride	1,870	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	3.2	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Iron	4.2	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	598	µg/L	0	GE
		Manganese	11	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	1,410	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	643	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	9,400	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	1,910	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	28,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	11	µg/L	0	GE
		Total organic halogens	11	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 47C collected on 05/28/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Trichloroethylene	3.2	µg/L	1	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
	■	Tritium	3.7E+02 ± 3.0E+00	pCi/mL	2	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

WELL BGO 47D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N74739.7 E54922.9	33.280689 °N 81.667357 °W	213.4-203.4 ft msl	267.4 ft msl	4" PVC	Water Table (IIB_2)

FIELD MEASUREMENTS

Sample date: 05/22/92
Depth to water: 41.01 ft (12.50 m) below TOC
Water elevation: 226.39 ft (69.00 m) msl
Sp. conductance: 40 µS/cm
Water evacuated before sampling: 62 gal
Time: 12:35
pH: 5.3
Alkalinity: 1 mg/L
Water temperature: 20.1°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	5.6	pH	0	GE
		Specific conductance	59	µS/cm	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	14	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	2,230	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chloride	2,690	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 47D collected on 05/22/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Iron	<4.0	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	837	µg/L	0	GE
		Manganese	17	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	2,050	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	<500	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	9,080	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	3,170	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	1.4	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	32,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	14	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
	■	Trichloroethylene	8.8	µg/L	2	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Gross alpha	2.9E+00 ± 4.8E-01	pCi/L	0	GE
		Nonvolatile beta	2.3E+00 ± 4.2E-01	pCi/L	0	GE
		Total alpha-emitting radium	1.5E+00 ± 9.0E-01	pCi/L	0	GE
	■	Tritium	2.0E+03 ± 7.0E+00	pCi/mL	2	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 48C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N74599.6 E55124.4	33.280708 °N 81.666555 °W	186.7-176.7 ft msl	276.6 ft msl	4" PVC	Barnwell (IIB_1)

FIELD MEASUREMENTS

Sample date: 05/21/92
Depth to water: 53.07 ft (16.18 m) below TOC
Water elevation: 223.53 ft (68.13 m) msl
Sp. conductance: 34 µS/cm
Water evacuated before sampling: 124 gal
Time: 14:20
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 20.3°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	5.6	pH	0	GE
•		pH	5.6	pH	0	GE
		Specific conductance	30	µS/cm	0	GE
		Specific conductance	32	µS/cm	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	11	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	1,770	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chloride	1,750	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	1.1	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Iron	<4.0	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	631	µg/L	0	GE
		Manganese	14	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 48C collected on 05/21/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	2,140	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	<500	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	8,540	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	2,330	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	1.5	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	28,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	12	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	3.2	µg/L	1	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
	■	Tritium	1.9E+03 ± 6.8E+00	pCi/mL	2	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 48D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N74586.4 E55121.0	33.280673 °N 81.666538 °W	212.0-202.0 ft msl	276.9 ft msl	4" PVC	Water Table (IIB_2)

FIELD MEASUREMENTS

Sample date: 05/21/92
Depth to water: 50.20 ft (15.30 m) below TOC
Water elevation: 226.70 ft (69.10 m) msl
Sp. conductance: 52 µS/cm
Water evacuated before sampling: 66 gal

Time: 14:05
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 20.4°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	4.9	pH	0	GE
•		pH	4.8	pH	0	GE
		Specific conductance	35	µS/cm	0	GE
		Specific conductance	35	µS/cm	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	104	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	932	µg/L	0	GE
		Carbon tetrachloride	3.2	µg/L	1	GE
		Chloride	3,720	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	2.9	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Iron	8.6	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	863	µg/L	0	GE
		Manganese	9.9	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 48D collected on 05/21/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	3,140	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	<500	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	8,670	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	5,250	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
	■	Tetrachloroethylene	26	µg/L	2	GE
		Toluene	<1.0	µg/L	0	GE
●		Total dissolved solids	40,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	175	µg/L	2	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
	■	Trichloroethylene	96	µg/L	2	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Gross alpha	6.0E+00 ± 1.7E+00	pCi/L	0	GE
		Nonvolatile beta	3.9E+00 ± 1.2E+00	pCi/L	0	GE
		Total alpha-emitting radium	4.4E+00 ± 6.0E-01	pCi/L	1	GE
	■	Tritium	4.5E+04 ± 3.3E+01	pCi/mL	2	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 49A

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N73902.8 E56205.1	33.280930 °N 81.662356 °W	85.1-75.1 ft msl	271.2 ft msl	4" PVC	U. Congaree (IIA)

FIELD MEASUREMENTS

Sample date: 05/21/92
Depth to water: 105.47 ft (32.15 m) below TOC
Water elevation: 165.73 ft (50.52 m) msl
Sp. conductance: 185 µS/cm
Water evacuated before sampling: 299 gal

Time: 11:30
pH: 9.5
Alkalinity: 93 mg/L
Water temperature: 19.4°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	10.0	pH	1	GE
		Specific conductance	155	µS/cm	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	30	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	32,500	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chloride	2,250	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Iron	<4.0	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	560	µg/L	0	GE
		Manganese	6.8	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 49A collected on 05/21/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	<50	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	7,250	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	20,600	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	3,780	µg/L	0	GE
		Sulfate	3,480	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	102,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	80	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	5.9E+00 ± 7.1E-01	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Tritium	<7.0E-01	pCi/mL	0	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 49C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N73917.2 E56202.2	33.280957 °N 81.662391 °W	176.0-166.0 ft msl	271.1 ft msl	4" PVC	Barnwell (IIB_1)

FIELD MEASUREMENTS

Sample date: 05/21/92
Depth to water: 43.17 ft (13.16 m) below TOC
Water elevation: 227.93 ft (69.47 m) msl
Sp. conductance: 72 µS/cm
Water evacuated before sampling: 205 gal

Time: 11:00
pH: 6.8
Alkalinity: 20 mg/L
Water temperature: 18.8°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	7.5	pH	0	GE
		Specific conductance	62	µS/cm	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	37	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	5,980	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chloride	2,450	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Iron	<4.0	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	152	µg/L	0	GE
		Manganese	<2.0	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 49C collected on 05/21/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	570	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	3,670	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	10,100	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	5,150	µg/L	0	GE
		Sulfate	3,250	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	51,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	6.5	µg/L	0	GE
		Total organic halogens	7.8	µg/L	0	GE
		Total phosphates (as P)	50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	3.0E+00 ± 5.0E-01	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
	■	Tritium	2.8E+01 ± 9.0E-01	pCi/mL	2	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

WELL BGO 49D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N73931.5 E56198.8	33.280983 °N 81.662428 °W	238.5-218.5 ft msl	271.5 ft msl	4" PVC	Water Table (IIB_2)

FIELD MEASUREMENTS

Sample date: 05/21/92
Depth to water: 37.12 ft (11.31 m) below TOC
Water elevation: 234.38 ft (71.44 m) msl
Sp. conductance: 31 µS/cm
Water evacuated before sampling: 9 gal
The well went dry during purging.

Time: 11:15
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 18.6°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	5.6	pH	0	GE
		Specific conductance	38	µS/cm	0	GE
		Arsenic	<2.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 49D collected on 05/21/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Barium	9.1	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	563	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chloride	1,400	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	2.3	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Iron	31	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	350	µg/L	0	GE
		Manganese	3.8	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 49D collected on 05/21/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Methoxychlor	<0.50	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	2,200	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	<500	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	6,490	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	3,450	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	33,000	µg/L	0	GE
		Total organic carbon	2,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
	■	Tritium	2.2E+01 ± 8.0E-01	pCi/mL	2	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 50A

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N75201.2 E54170.8	33.280497 °N 81.670210 °W	100.5-90.5 ft msl	255.4 ft msl		U. Congaree (IIA)

FIELD MEASUREMENTS

Sample date: 05/21/92
Depth to water: 95.24 ft (29.03 m) below TOC
Water elevation: 160.16 ft (48.82 m) msl
Sp. conductance: 3380 µS/cm
Water evacuated before sampling: 38 gal
The well went dry during purging.

Time: 12:45
pH: 12.2
Alkalinity: 865 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	12	pH	2	GE
		Specific conductance	1,150	µS/cm	2	GE
		Arsenic	2.4	µg/L	0	GE
		Barium	279	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	87,400	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chloride	1,740	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chromium	5.1	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoride	152	µg/L	0	GE
		Iron	7.6	µg/L	0	GE
		Lead	4.8	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	23	µg/L	0	GE
		Manganese	<2.0	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 50A collected on 05/21/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Methoxychlor	<0.50	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	270	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	23,900	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	14,600	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	45,700	µg/L	0	GE
		Sulfate	8,440	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	338,000	µg/L	0	GE
		Total organic carbon	2,000	µg/L	0	GE
		Total organic halogens	5.3	µg/L	0	GE
		Total phosphates (as P)	350	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Gross alpha	4.1E+00 ± 1.3E+00	pCi/L	0	GE
		Nonvolatile beta	2.0E+01 ± 2.1E+00	pCi/L	0	GE
		Total alpha-emitting radium	2.0E+00 ± 1.0E+00	pCi/L	0	GE
		Tritium	<7.0E-01	pCi/mL	0	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

WELL BGO 50C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N75190.4 E54197.0	33.280501 °N 81.670144 °W	172.5-162.5 ft msl	255.5 ft msl	4" PVC	Barnwell (IIB_1)

FIELD MEASUREMENTS

Sample date: 05/21/92
Depth to water: 36.74 ft (11.20 m) below TOC
Water elevation: 218.76 ft (66.68 m) msl
Sp. conductance: 38 µS/cm
Water evacuated before sampling: 36 gal
The well went dry during purging.

Time: 12:25
pH: 5.2
Alkalinity: 4 mg/L
Water temperature: 19.4°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	5.7	pH	0	GE
		Specific conductance	35	µS/cm	0	GE
		Arsenic	<2.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 50C collected on 05/21/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Arsenic	<2.0	µg/L	0	GE
		Barium	7.3	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	1,710	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chloride	2,240	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Iron	86	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	418	µg/L	0	GE
		Manganese	18	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	620	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	<500	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	9,950	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	2,650	µg/L	0	GE
		Sulfate	3,470	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	33,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	220	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 50C collected on 05/21/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
	■	Trichloroethylene	11	µg/L	2	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
	■	Tritium	8.6E+01 ± 1.5E+00	pCi/mL	2	GE
	■	Tritium	8.8E+01 ± 1.5E+00	pCi/mL	2	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

WELL BGO 50D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N75181.3 E54209.1	33.280501 °N 81.670095 °W	228.0-208.0 ft msl	256.0 ft msl	4" PVC	Water Table (IIB_2)

FIELD MEASUREMENTS

Sample date: 05/21/92
Depth to water: 30.77 ft (9.38 m) below TOC
Water elevation: 225.23 ft (68.65 m) msl
Sp. conductance: 77 µS/cm
Water evacuated before sampling: 45 gal
Time: 13:30
pH: 6.1
Alkalinity: 23 mg/L
Water temperature: 19.8°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	6.6	pH	0	GE
		Specific conductance	70	µS/cm	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	8.4	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	7,930	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chloride	3,240	µg/L	0	GE
		Chloride	3,220	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGO 50D collected on 05/21/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Dibromochloromethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	1.3	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Iron	<4.0	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	473	µg/L	0	GE
		Manganese	7.4	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	1,260	µg/L	0	GE
		Nitrate as nitrogen	1,250	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	721	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	6,980	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	2,320	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	55,000	µg/L	0	GE
		Total dissolved solids	53,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	60	µg/L	2	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
	■	Trichloroethylene	8.8	µg/L	2	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Gross alpha	3.5E+00 ± 5.6E-01	pCi/L	0	GE
		Nonvolatile beta	4.0E+00 ± 5.0E-01	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
	■	Tritium	1.6E+03 ± 6.2E+00	pCi/mL	2	GE
		Uranium-234	<1.0E+00	pCi/L	0	GP
		Uranium-235	<1.0E+00	pCi/L	0	GP
		Uranium-238	<1.0E+00	pCi/L	0	GP

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGX 1A

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N76831.9 E58590.4	33.291300 °N 81.661764 °W	124.1-114.1 ft msl	291.2 ft msl	4" PVC	U. Congaree (IIA)

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/92
Depth to water: 132.65 ft (40.43 m) below TOC
Water elevation: 158.55 ft (48.33 m) msl
Sp. conductance: 3940 µS/cm
Water evacuated before sampling: 11 gal
The well went dry during purging.

Time: 9:35
pH: 12.4
Alkalinity: 971 mg/L
Water temperature: 18.4°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	12	pH	2	GE
•		pH	12	pH	2	GE
•		pH	12	pH	2	GE
•		pH	12	pH	2	GE
		Specific conductance	3,200	µS/cm	2	GE
		Specific conductance	3,390	µS/cm	2	GE
		Specific conductance	3,500	µS/cm	2	GE
		Specific conductance	3,600	µS/cm	2	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	683	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Cadmium	<6.0	µg/L	0	GE
		Calcium	237,000	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chloride	1,900	µg/L	0	GE
		Chloride	1,780	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chromium	<12	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGX 1A collected on 04/09/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.6	µg/L	0	GE
		Dichloromethane (Methylene chloride)	2.0	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoride	165	µg/L	0	GE
		Iron	<12	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	6.5	µg/L	0	GE
		Manganese	<6.0	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Nitrate as nitrogen	120	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	101,000	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	4,630	µg/L	0	GE
		Silver	<6.0	µg/L	0	GE
		Sodium	98,400	µg/L	0	GE
		Sulfate	14,900	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	932,000	µg/L	0	GE
		Total organic carbon	5,000	µg/L	1	GE
		Total organic carbon	6,000	µg/L	1	GE
		Total organic carbon	6,000	µg/L	1	GE
		Total organic carbon	6,000	µg/L	1	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	60	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGX 1A collected on 04/09/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Gross alpha	6.7E+00 ± 1.4E+00	pCi/L	0	GE
	■	Nonvolatile beta	6.9E+01 ± 3.7E+00	pCi/L	2	GE
	■	Total alpha-emitting radium	6.4E+00 ± 8.0E-01	pCi/L	2	GE
	■	Tritium	2.2E+02 ± 2.3E+00	pCi/mL	2	GE

WELL BGX 1C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N76820.0 E58599.8	33.291289 °N 81.661716 °W	186.0-176.0 ft msl	291.3 ft msl	4" PVC	Barnwell (IIB_1)

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/92
Depth to water: 74.89 ft (22.83 m) below TOC
Water elevation: 216.41 ft (65.96 m) msl
Sp. conductance: 534 µS/cm
Water evacuated before sampling: 15 gal
The well went dry during purging.

Time: 10:00
pH: 11.2
Alkalinity: 142 mg/L
Water temperature: 18.1°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
●		pH	11	pH	2	GE
●		pH	11	pH	2	GE
●		pH	11	pH	2	GE
●		pH	11	pH	2	GE
		Specific conductance	350	µS/cm	1	GE
		Specific conductance	360	µS/cm	1	GE
		Specific conductance	385	µS/cm	1	GE
		Specific conductance	395	µS/cm	1	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	88	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	37,700	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chloride	1,430	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGX 1C collected on 04/09/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Chromium	<4.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoride	103	µg/L	0	GE
		Iron	<4.0	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	194	µg/L	0	GE
		Manganese	<2.0	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0 50	µg/L	0	GE
		Nitrate as nitrogen	780	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	5,310	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	11,800	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	4,550	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	123,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	130	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	4.2E+00 ± 1.4E+00	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
	■	Tritium	2.7E+02 ± 2.5E+00	pCi/mL	2	GE
	■	Tritium	2.7E+02 ± 2.6E+00	pCi/mL	2	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGX 1D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N76809.5 E58608.6	33.291280 °N 81.661673 °W	234.7-214.7 ft msl	291.3 ft msl	4" PVC	Water Table (IIB_2)

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/92
Depth to water: 61.35 ft (18.70 m) below TOC
Water elevation: 229.95 ft (70.09 m) msl
Sp. conductance: 84 µS/cm
Water evacuated before sampling: 8 gal
The well went dry during purging.

Time: 10:25
pH: 5.5
Alkalinity: 20 mg/L
Water temperature: 18.7°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	6.2	pH	0	GE
•		pH	6.4	pH	0	GE
•		pH	6.4	pH	0	GE
•		pH	6.5	pH	0	GE
		Specific conductance	60	µS/cm	0	GE
		Specific conductance	62	µS/cm	0	GE
		Specific conductance	67	µS/cm	0	GE
		Specific conductance	68	µS/cm	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	20	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	4,990	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chloride	3,210	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGX 1D collected on 04/09/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Iron	25	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	762	µg/L	0	GE
		Manganese	111	µg/L	2	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Nitrate as nitrogen	1,030	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	1,920	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	9,850	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	4,510	µg/L	0	GE
		Sulfate	2,610	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	51,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	9.8	µg/L	0	GE
		Total organic halogens	14	µg/L	0	GE
		Total organic halogens	17	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	380	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	3.8E+00 ± 1.3E+00	pCi/L	0	GE
		Nonvolatile beta	3.6E+00 ± 8.1E-01	pCi/L	0	GE
		Total alpha-emitting radium	1.3E+00 ± 5.0E-01	pCi/L	0	GE
	■	Tritium	3.9E+02 ± 3.1E+00	pCi/mL	2	GE

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGX 2B

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N77?03.4 E58250.5	33.291577 °N 81.663365 °W	147.2-137.2 ft msl	291.3 ft msl	4" PVC	McBean (IIB_1)

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/92
Depth to water: 78.68 ft (23.98 m) below TOC
Water elevation: 212.62 ft (64.81 m) msl
Sp. conductance: 213 µS/cm
Water evacuated before sampling: 48 gal
The well went dry during purging.

Time: 8:45
pH: 8.2
Alkalinity: 90 mg/L
Water temperature: 18.0°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	7.8	pH	0	GE
•		pH	7.9	pH	0	GE
•		pH	7.9	pH	0	GE
•		pH	7.9	pH	0	GE
		Specific conductance	210	µS/cm	0	GE
		Specific conductance	218	µS/cm	0	GE
		Specific conductance	218	µS/cm	0	GE
		Specific conductance	220	µS/cm	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	71	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	42,500	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chloride	2,360	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Iron	4.6	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGX 2B collected on 04/09/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	702	µg/L	0	GE
		Manganese	<2.0	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Nitrate as nitrogen	640	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	2,050	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	27,200	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	5,460	µg/L	0	GE
		Sulfate	4,040	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	155,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	8.6	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	60	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	1.6	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Tritium	3.1E+00 ± 4.0E-01	pCi/mL	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGX 2D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N77192.4 E58265.6	33.291567 °N 81.663320 °W	191.1-181.1 ft msl	291.1 ft msl	4" PVC	Barnwell (IIB_1)

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/92
Depth to water: 75.34 ft (22.96 m) below TOC
Water elevation: 215.76 ft (65.76 m) msl
Sp. conductance: 37 µS/cm
Water evacuated before sampling: 21 gal
The well went dry during purging.

Time: 9:00
pH: 5.1
Alkalinity: 3 mg/L
Water temperature: 17.4°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	5.7	pH	0	GE
•		pH	5.8	pH	0	GE
•		pH	5.8	pH	0	GE
•		pH	5.8	pH	0	GE
		Specific conductance	31	µS/cm	0	GE
		Specific conductance	32	µS/cm	0	GE
		Specific conductance	35	µS/cm	0	GE
		Specific conductance	35	µS/cm	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	5.4	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	2,630	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chloride	2,050	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.0	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Iron	13	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGX 2D collected on 04/09/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	438	µg/L	0	GE
		Manganese	20	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Nitrate as nitrogen	1,550	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	1,280	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	9,190	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	2,210	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	32,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	6.0	µg/L	0	GE
		Total organic halogens	5.6	µg/L	0	GE
		Total organic halogens	9.4	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
	■	Trichloroethylene	8.5	µg/L	2	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
	■	Tritium	9.6E+01 ± 1.6E+00	pCi/mL	2	GE

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGX 3D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N77577.0 E57780.1	33.291626 °N 81.665346 °W	221.6-201.6 ft msl	291.2 ft msl	4" PVC	Barnwell (IIB_1)

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/92
Depth to water: 75.54 ft (23.02 m) below TOC
Water elevation: 215.66 ft (65.73 m) msl
Sp. conductance: 31 µS/cm
Water evacuated before sampling: 37 gal

Time: 13:50
pH: 5.2
Alkalinity: 2 mg/L
Water temperature: 18.5°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	5.6	pH	0	GE
•		pH	5.6	pH	0	GE
•		pH	5.7	pH	0	GE
•		pH	5.8	pH	0	GE
		Specific conductance	30	µS/cm	0	GE
		Specific conductance	30	µS/cm	0	GE
		Specific conductance	30	µS/cm	0	GE
		Specific conductance	30	µS/cm	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	11	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	1,360	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chloride	1,950	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.2	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Iron	11	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGX 3D collected on 04/08/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Lead	4.5	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	678	µg/L	0	GE
		Manganese	35	µg/L	1	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Nitrate as nitrogen	930	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	620	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	8,480	µg/L	0	GE
		Silver	<[illegible].0	µg/L	0	GE
		Sodium	2,190	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	24,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	7.2	µg/L	0	GE
		Total organic halogens	9.2	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	2.2	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	1.0E+00 ± 5.0E-01	pCi/L	0	GE
	■	Tritium	1.2E+03 ± 5.4E+00	pCi/mL	2	GE

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGX 4A

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N77879.2 E57215.6	33.291373 °N 81.667419 °W	116.8-106.8 ft msl	290.9 ft msl	4" PVC	U. Congaree (IIA)

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/92
Depth to water: 135.37 ft (41.26 m) below TOC
Water elevation: 155.53 ft (47.41 m) msl
Sp. conductance: 282 µS/cm
Water evacuated before sampling: 128 gal
Time: 13:00
pH: 7.4
Alkalinity: 123 mg/L
Water temperature: 19.1°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	7.7	pH	0	GE
•		pH	7.7	pH	0	GE
•		pH	7.7	pH	0	GE
•		pH	8.3	pH	1	GE
		Specific conductance	212	µS/cm	0	GE
		Specific conductance	215	µS/cm	0	GE
		Specific conductance	218	µS/cm	0	GE
		Specific conductance	218	µS/cm	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	36	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	51,600	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chloride	3,070	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	2.6	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Iron	8.1	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGX 4A collected on 04/08/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	1,440	µg/L	0	GE
		Manganese	21	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Nitrate as nitrogen	<50	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	1,810	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	34,900	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	2,690	µg/L	0	GE
		Sulfate	8,250	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	174,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	80	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Tritium	7.3E-01 ± 3.0E-01	pCi/mL	0	GE

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGX 4C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N77886.2 E57202.2	33.291367 °N 81.667468 °W	180.7-170.7 ft msl	290.8 ft msl	4" PVC	McBean (IIB_1)

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/92
Depth to water: 75.29 ft (22.95 m) below TOC
Water elevation: 215.51 ft (65.69 m) msl
Sp. conductance: 101 µS/cm
Water evacuated before sampling: 118 gal

Time: 12:30
pH: 6.4
Alkalinity: 36 mg/L
Water temperature: 18.6°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	6.9	pH	0	GE
•		pH	6.9	pH	0	GE
•		pH	6.9	pH	0	GE
•		pH	7.0	pH	0	GE
		Specific conductance	75	µS/cm	0	GE
		Specific conductance	75	µS/cm	0	GE
		Specific conductance	78	µS/cm	0	GE
		Specific conductance	78	µS/cm	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	7.7	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	13,900	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chloride	2,100	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	2.4	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoride	111	µg/L	0	GE
		Iron	<4.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGX 4C collected on 04/08/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	861	µg/L	0	GE
		Manganese	4.0	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Nitrate as nitrogen	860	µg/L	0	GE
		Nitrate as nitrogen	870	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	<500	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	10,400	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	3,400	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	59,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	5.4	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	70	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	2.6	µg/L	1	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Tritium	4.7E+00 ± 5.0E-01	pCi/mL	0	GE
		Tritium	4.4E+00 ± 5.0E-01	pCi/mL	0	GE

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGX 4D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N77893.9 E57186.2	33.291358 °N 81.667525 °W	223.8-203.8 ft msl	290.9 ft msl	4" PVC	Barnwell (IIB_1)

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/92
Depth to water: 74.36 ft (22.67 m) below TOC
Water elevation: 216.54 ft (66.00 m) msl
Sp. conductance: 37 µS/cm
Water evacuated before sampling: 33 gal

Time: 12:05
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 18.6°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	5.7	pH	0	GE
•		pH	5.6	pH	0	GE
•		pH	5.7	pH	0	GE
•		pH	5.7	pH	0	GE
		Specific conductance	28	µS/cm	0	GE
		Specific conductance	29	µS/cm	0	GE
		Specific conductance	30	µS/cm	0	GE
		Specific conductance	30	µS/cm	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	8.5	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	1,220	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chloride	2,310	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	2.2	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Iron	8.7	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGX 4D collected on 04/08/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	493	µg/L	0	GE
		Manganese	26	µg/L	1	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Nitrate as nitrogen	1,720	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	<500	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	8,490	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	4,000	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	29,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	9.7	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Tritium	1.7E+01 ± 7.0E-01	pCi/mL	1	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGX 5D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N78402.0 E57308.6	33.292681 °N 81.668190 °W	215.0-195.0 ft msl	285.0 ft msl	4" PVC	Barnwell (IIB_1)

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/07/92
Depth to water: 74.77 ft (22.79 m) below TOC
Water elevation: 210.23 ft (64.08 m) msl
Sp. conductance: 55 µS/cm
Water evacuated before sampling: 40 gal

Time: 15:45
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 18.5°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	5.5	pH	0	GE
•		pH	5.5	pH	0	GE
•		pH	5.6	pH	0	GE
•		pH	5.7	pH	0	GE
		Specific conductance	49	µS/cm	0	GE
		Specific conductance	49	µS/cm	0	GE
		Specific conductance	49	µS/cm	0	GE
		Specific conductance	50	µS/cm	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	23	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	2,240	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chloride	2,740	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGX 5D collected on 04/07/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.7	µg/L	0	GE
		Dichloromethane (Methylene chloride)	2.6	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Iron	9.8	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	983	µg/L	0	GE
		Manganese	483	µg/L	2	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Nitrate as nitrogen	850	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	1,390	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	7,470	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	4,020	µg/L	0	GE
		Sulfate	9,600	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	32,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	5.2	µg/L	0	GE
		Total organic halogens	8.5	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGX 5D collected on 04/07/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,1,1-Trichloroethane	1.1	µg/L	0	GE
		1,1,1-Trichloroethane	1.4	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	20	µg/L	2	GE
		Trichlorofluoromethane	14	µg/L	2	GE
		Gross alpha	3.0E+00 ± 1.1E+00	pCi/L	0	GE
		Nonvolatile beta	3.6E+00 ± 1.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	3.2E+00 ± 6.0E-01	pCi/L	1	GE
		Tritium	1.3E+01 ± 6.0E-01	pCi/mL	1	GE

WELL BGX 6D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N78740.1 E57524.9	33.293782 °N 81.668277 °W	211.0-191.0 ft msl	277.0 ft msl	4" PVC	Barnwell (IIB_1)

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/07/92
Depth to water: 70.06 ft (21.35 m) below TOC
Water elevation: 206.94 ft (63.08 m) msl
Sp. conductance: 77 µS/cm
Water evacuated before sampling: 43 gal
Time: 15:05
pH: 6.1
Alkalinity: 12 mg/L
Water temperature: 18.5°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	6.5	pH	0	GE
•		pH	6.5	pH	0	GE
•		pH	6.5	pH	0	GE
•		pH	6.5	pH	0	GE
		Specific conductance	60	µS/cm	0	GE
		Specific conductance	60	µS/cm	0	GE
		Specific conductance	62	µS/cm	0	GE
		Specific conductance	62	µS/cm	0	GE
		Specific conductance	62	µS/cm	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	16	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	8,940	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chloride	2,700	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGX 6D collected on 04/07/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.7	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoride	138	µg/L	0	GE
		Iron	13	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	448	µg/L	0	GE
		Manganese	68	µg/L	2	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Nitrate as nitrogen	820	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	1,040	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	10,200	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	3,590	µg/L	0	GE
		Sulfate	2,490	µg/L	0	GE
		Sulfate	2,450	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	44,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	500	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,1,1-Trichloroethane	1.6	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	5.0	µg/L	1	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGX 6D collected on 04/07/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Tritium	5.2E+00 ± 5.0E-01	pCi/mL	0	GE

WELL BGX 7D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N78349.3 E58312.8	33.294203 °N 81.665443 °W	214.1-194.1 ft msl	279.2 ft msl		Barnwell (IIB_1)

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/92
Depth to water: 72.62 ft (22.13 m) below TOC
Water elevation: 206.58 ft (62.97 m) msl
Sp. conductance: 21 µS/cm
Water evacuated before sampling: 33 gal
Time: 11:15
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 18.4°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	5.2	pH	0	GE
•		pH	5.2	pH	0	GE
•		pH	5.2	pH	0	GE
•		pH	5.2	pH	0	GE
		Specific conductance	20	µS/cm	0	GE
		Specific conductance	20	µS/cm	0	GE
		Specific conductance	20	µS/cm	0	GE
		Specific conductance	20	µS/cm	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	6.5	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	510	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chloride	1,730	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	2.6	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGX 7D collected on 04/08/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Iron	<4.0	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	400	µg/L	0	GE
		Manganese	13	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Nitrate as nitrogen	550	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	<500	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	7,120	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	1,390	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	19,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
	•	Tritium	1.3E+01 ± 6.0E-01	pCi/mL	1	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGX 8DR

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N77589.6 E58942.5	33.293550 °N 81.662309 °W	203.1-183.1 ft msl	278.2 ft msl	4" PVC	Barnwell (IIB_1)

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/92
Depth to water: 72.10 ft (21.98 m) below TOC
Water elevation: 206.10 ft (62.82 m) msl
Sp. conductance: 34 µS/cm
Water evacuated before sampling: 60 gal

Time: 10:30
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 18.0°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	6.1	pH	0	GE
•		pH	5.6	pH	0	GE
•		pH	5.7	pH	0	GE
•		pH	5.8	pH	0	GE
		Specific conductance	32	µS/cm	0	GE
		Specific conductance	32	µS/cm	0	GE
		Specific conductance	38	µS/cm	0	GE
		Specific conductance	42	µS/cm	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	13	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	1,850	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chloride	2,080	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGX 8DR collected on 04/08/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	2.3	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Iron	36	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	605	µg/L	0	GE
		Manganese	34	µg/L	1	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Nitrate as nitrogen	1,370	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	591	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	8,720	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	2,290	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	38,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	11	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	2.1	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	3.9E+00 ± 1.2E+00	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
	■	Tritium	1.2E+03 ± 5.2E+00	pCi/mL	2	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGX 9D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N76936.0 E59522.1	33.293050 °N 81.659513 °W	232.4-212.4 ft msl	279.4 ft msl	4" PVC	Water Table (IIB_2)

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/92
Depth to water: 52.45 ft (15.99 m) below TOC
Water elevation: 226.95 ft (69.18 m) msl
Sp. conductance: 26 µS/cm
Water evacuated before sampling: 70 gal

Time: 9:30
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 18.2°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	5.3	pH	0	GE
•		pH	5.3	pH	0	GE
•		pH	5.3	pH	0	GE
•		pH	5.3	pH	0	GE
•		pH	5.4	pH	0	GE
•		pH	5.4	pH	0	GE
•		pH	5.3	pH	0	GE
•		pH	5.3	pH	0	GE
•		pH	5.3	pH	0	GE
•		pH	5.3	pH	0	GE
•		pH	5.3	pH	0	GE
•		pH	5.3	pH	0	GE
•		pH	5.0	pH	0	WA
•		pH	5.0	pH	0	WA
•		pH	5.1	pH	0	WA
		Specific conductance	22	µS/cm	0	GE
		Specific conductance	22	µS/cm	0	GE
		Specific conductance	22	µS/cm	0	GE
		Specific conductance	25	µS/cm	0	GE
		Specific conductance	25	µS/cm	0	GE
		Specific conductance	22	µS/cm	0	GE
		Specific conductance	22	µS/cm	0	GE
		Specific conductance	22	µS/cm	0	GE
•		Specific conductance	22	µS/cm	0	WA
•		Specific conductance	22	µS/cm	0	WA
•		Specific conductance	21	µS/cm	0	WA
		Arsenic	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	WA
		Arsenic	<2.0	µg/L	0	WA
		Barium	4.9	µg/L	0	GE
		Barium	5.0	µg/L	0	GE
		Barium	<4.0	µg/L	0	WA
		Barium	<4.0	µg/L	0	WA
		Benzene	<1.0	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Benzene	<5.0	µg/L	0	WA
		Benzene	<5.0	µg/L	0	WA
		Benzene	<5.0	µg/L	0	WA

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGX 9D collected on 04/08/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromodichloromethane	<5.0	µg/L	0	WA
		Bromodichloromethane	<5.0	µg/L	0	WA
		Bromodichloromethane	<5.0	µg/L	0	WA
		Bromodichloromethane	<5.0	µg/L	0	WA
		Bromoform	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromoform	<5.0	µg/L	0	WA
		Bromoform	<5.0	µg/L	0	WA
		Bromoform	<5.0	µg/L	0	WA
		Bromoform	<5.0	µg/L	0	WA
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<10	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	µg/L	0	WA
		Cadmium	<2.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Cadmium	0.53	µg/L	0	WA
		Cadmium	0.53	µg/L	0	WA
		Calcium	751	µg/L	0	GE
		Calcium	777	µg/L	0	GE
		Calcium	896	µg/L	0	WA
		Calcium	852	µg/L	0	WA
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Carbon tetrachloride	<5.0	µg/L	0	WA
		Carbon tetrachloride	<5.0	µg/L	0	WA
		Carbon tetrachloride	<5.0	µg/L	0	WA
		Carbon tetrachloride	<5.0	µg/L	0	WA
		Chloride	1,710	µg/L	0	GE
		Chloride	1,700	µg/L	0	GE
		Chloride	3,390	µg/L	0	WA
		Chloride	2,830	µg/L	0	WA
		Chlorobenzene	<1.0	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chlorobenzene	<5.0	µg/L	0	WA
		Chlorobenzene	<5.0	µg/L	0	WA
		Chlorobenzene	<5.0	µg/L	0	WA
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethane	<10	µg/L	0	WA
		Chloroethane	<10	µg/L	0	WA
		Chloroethane	<10	µg/L	0	WA
		Chloroethane	<10	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<10	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	µg/L	0	WA
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<10	µg/L	0	WA

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGX 9D collected on 04/08/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		2-Chloroethyl vinyl ether	<10	µg/L	0	WA
		2-Chloroethyl vinyl ether	<10	µg/L	0	WA
		2-Chloroethyl vinyl ether	<10	µg/L	0	WA
		Chloroform	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloroform	<5.0	µg/L	0	WA
		Chloroform	<5.0	µg/L	0	WA
		Chloroform	<5.0	µg/L	0	WA
		Chloroform	<5.0	µg/L	0	WA
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<10	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	µg/L	0	WA
		Chromium	<4.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chromium	<1.1	µg/L	0	WA
		Chromium	<1.1	µg/L	0	WA
		Dibromochloromethane	<1.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Dibromochloromethane	<5.0	µg/L	0	WA
		Dibromochloromethane	<5.0	µg/L	0	WA
		Dibromochloromethane	<5.0	µg/L	0	WA
		Dibromochloromethane	<5.0	µg/L	0	WA
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<5.0	µg/L	0	WA
		1,1-Dichloroethane	<5.0	µg/L	0	WA
		1,1-Dichloroethane	<5.0	µg/L	0	WA
		1,1-Dichloroethane	<5.0	µg/L	0	WA
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<5.0	µg/L	0	WA
		1,2-Dichloroethane	<5.0	µg/L	0	WA
		1,2-Dichloroethane	<5.0	µg/L	0	WA
		1,2-Dichloroethane	<5.0	µg/L	0	WA
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<5.0	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	µg/L	0	WA
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<5.0	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	µg/L	0	WA
		Dichloromethane (Methylene chloride)	2.5	µg/L	0	GE
		Dichloromethane (Methylene chloride)	2.2	µg/L	0	GE
		Dichloromethane (Methylene chloride)	3.1	µg/L	0	WA
		Dichloromethane (Methylene chloride)	4.0	µg/L	0	WA
		Dichloromethane (Methylene chloride)	4.8	µg/L	0	WA
		Dichloromethane (Methylene chloride)	1.4	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGX 9D collected on 04/08/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<1.1	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<2.1	µg/L	0	WA
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		1,2-Dichloropropane	<5.0	µg/L	0	WA
		1,2-Dichloropropane	<5.0	µg/L	0	WA
		1,2-Dichloropropane	<5.0	µg/L	0	WA
		1,2-Dichloropropane	<5.0	µg/L	0	WA
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<5.0	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	µg/L	0	WA
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<5.0	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	µg/L	0	WA
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<0.11	µg/L	0	WA
		Endrin	<0.45	µg/L	0	WA
		Endrin	<0.11	µg/L	0	WA
		Ethylbenzene	<1.0	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Ethylbenzene	<5.0	µg/L	0	WA
		Ethylbenzene	<5.0	µg/L	0	WA
		Ethylbenzene	<5.0	µg/L	0	WA
		Ethylbenzene	<5.0	µg/L	0	WA
		Fluoride	<100	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Fluoride	<100	µg/L	0	WA
		Fluoride	<100	µg/L	0	WA
		Fluoride	<100	µg/L	0	WA
		Iron	<4.0	µg/L	0	GE
		Iron	<4.0	µg/L	0	GE
		Iron	7.0	µg/L	0	WA
		Iron	7.0	µg/L	0	WA
		Lead	<3.0	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lead	<2.0	µg/L	0	WA
		Lead	<2.0	µg/L	0	WA
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<0.056	µg/L	0	WA
		Lindane	<0.22	µg/L	0	WA
		Lindane	<0.055	µg/L	0	WA
		Magnesium	424	µg/L	0	GE
		Magnesium	424	µg/L	0	GE
		Magnesium	461	µg/L	0	WA
		Magnesium	436	µg/L	0	WA

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGX 9D collected on 04/08/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Manganese	5.0	µg/L	0	GE
		Manganese	5.1	µg/L	0	GE
		Manganese	5.8	µg/L	0	WA
		Manganese	5.9	µg/L	0	WA
		Mercury	<0.20	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Mercury	<0.20	µg/L	0	WA
		Mercury	<0.20	µg/L	0	WA
		Methoxychlor	<0.50	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Methoxychlor	<0.56	µg/L	0	WA
		Methoxychlor	<2.3	µg/L	0	WA
		Methoxychlor	<2.3	µg/L	0	WA
		Methoxychlor	<0.55	µg/L	0	WA
		Nitrate as nitrogen	1,190	µg/L	0	GE
		Nitrate as nitrogen	1,200	µg/L	0	GE
•		Nitrate as nitrogen	1,310	µg/L	0	WA
•		Nitrate as nitrogen	1,460	µg/L	0	WA
		Phenols	<5.0	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Phenols	<5.0	µg/L	0	WA
		Phenols	<5.0	µg/L	0	WA
		Phenols	<5.0	µg/L	0	WA
		Potassium	<500	µg/L	0	GE
		Potassium	<500	µg/L	0	GE
		Potassium	144	µg/L	0	WA
		Potassium	155	µg/L	0	WA
		Selenium	<2.0	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Selenium	<2.0	µg/L	0	WA
		Selenium	<2.0	µg/L	0	WA
		Silica	6,150	µg/L	0	GE
		Silica	6,180	µg/L	0	GE
		Silica	5,970	µg/L	0	WA
		Silica	5,770	µg/L	0	WA
		Silver	<2.0	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Silver	1.1	µg/L	0	WA
		Silver	0.90	µg/L	0	WA
		Sodium	2,200	µg/L	0	GE
		Sodium	2,230	µg/L	0	GE
		Sodium	2,350	µg/L	0	WA
		Sodium	2,280	µg/L	0	WA
		Sulfate	<1,000	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		Sulfate	572	µg/L	0	WA
		Sulfate	545	µg/L	0	WA
		Sulfate	510	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<5.0	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	µg/L	0	WA
		Tetrachloroethylene	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGX 9D collected on 04/08/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tetrachloroethylene	<5.0	µg/L	0	WA
		Tetrachloroethylene	<5.0	µg/L	0	WA
		Tetrachloroethylene	<5.0	µg/L	0	WA
		Tetrachloroethylene	<5.0	µg/L	0	WA
		Toluene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Toluene	1.1	µg/L	0	WA
		Toluene	<5.0	µg/L	0	WA
		Toluene	<5.0	µg/L	0	WA
		Total dissolved solids	21,000	µg/L	0	GE
		Total dissolved solids	20,000	µg/L	0	GE
		Total dissolved solids	21,000	µg/L	0	GE
		Total dissolved solids	16,000	µg/L	0	WA
		Total dissolved solids	20,000	µg/L	0	WA
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<500	µg/L	0	WA
		Total organic carbon	671	µg/L	0	WA
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	7.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	14	µg/L	0	WA
		Total organic halogens	56	µg/L	2	WA
		Total phosphates (as P)	<50	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Total phosphates (as P)	<20	µg/L	0	WA
		Total phosphates (as P)	<20	µg/L	0	WA
		Total phosphates (as P)	<20	µg/L	0	WA
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<1.1	µg/L	0	WA
		Toxaphene	<4.5	µg/L	0	WA
		Toxaphene	<4.5	µg/L	0	WA
		Toxaphene	<1.1	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.56	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.53	µg/L	0	WA
		2,4,5-TP (Silvex)	<1.1	µg/L	0	WA
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGX 9D collected on 04/08/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		1,1,1-Trichloroethane	<5.0	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	µg/L	0	WA
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<5.0	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	µg/L	0	WA
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichloroethylene	<5.0	µg/L	0	WA
		Trichloroethylene	<5.0	µg/L	0	WA
		Trichloroethylene	<5.0	µg/L	0	WA
		Trichlorofluoromethane	5.5	µg/L	1	GE
		Trichlorofluoromethane	4.3	µg/L	0	GE
		Trichlorofluoromethane	<5.0	µg/L	0	WA
		Trichlorofluoromethane	<5.0	µg/L	0	WA
		Trichlorofluoromethane	<5.0	µg/L	0	WA
		Trichlorofluoromethane	<5.0	µg/L	0	WA
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Gross alpha	2.3E+00 ± 9.2E-01	pCi/L	0	GE
		Gross alpha	3.5E+00 ± 1.0E+00	pCi/L	0	GE
		Gross alpha	4.1E+00 ± 7.0E-01	pCi/L	0	TM
		Gross alpha	3.2E+00 ± 7.0E-01	pCi/L	0	TM
		Nonvolatile beta	3.1E+00 ± 1.1E+00	pCi/L	0	GE
		Nonvolatile beta	3.4E+00 ± 1.0E+00	pCi/L	0	GE
		Nonvolatile beta	4.0E+00 ± 9.8E-01	pCi/L	0	GE
		Nonvolatile beta	4.0E+00 ± 9.0E-01	pCi/L	0	TM
		Nonvolatile beta	3.4E+00 ± 9.0E-01	pCi/L	0	TM
		Radium-226	1.6E+00 ± 5.1E-01	pCi/L	0	TM
		Radium-226	1.3E+00 ± 4.9E-01	pCi/L	0	TM
		Radium-228	1.4E+00 ± 6.9E-01	pCi/L	0	TM
	■	Radium-228	2.0E+01 ± 1.4E+00	pCi/L	2	TM
		Total alpha-emitting radium	1.1E+00 ± 4.0E-01	pCi/L	0	GE
		Total alpha-emitting radium	3.3E+00 ± 6.0E-01	pCi/L	1	GE
		Tritium	1.2E+01 ± 6.0E-01	pCi/mL	1	GE
		Tritium	1.2E+01 ± 6.0E-01	pCi/mL	1	GE
		Tritium	1.1E+01 ± 5.0E-01	pCi/mL	1	TM
		Tritium	1.0E+01 ± 7.3E-01	pCi/mL	1	TM

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGX 10D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N76183.3 E59765.5	33.291783 °N 81.657410 °W	236.2-216.2 ft msl	276.9 ft msl	4" PVC	Water Table (IIB_2)

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/92
Depth to water: 50.63 ft (15.43 m) below TOC
Water elevation: 226.27 ft (68.97 m) msl
Sp. conductance: 44 µS/cm
Water evacuated before sampling: 2 gal
The well went dry during purging.

Time: 11:05
pH: 6.0
Alkalinity: 8 mg/L
Water temperature: 16.5°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	6.2	pH	0	GE
•		pH	6.2	pH	0	GE
•		pH	6.2	pH	0	GE
•		pH	6.3	pH	0	GE
		Specific conductance	35	µS/cm	0	GE
		Specific conductance	35	µS/cm	0	GE
		Specific conductance	36	µS/cm	0	GE
		Specific conductance	36	µS/cm	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	8.5	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	823	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chloride	1,840	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.2	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Iron	32	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGX 10D collected on 04/09/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	454	µg/L	0	GE
		Manganese	59	µg/L	2	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Nitrate as nitrogen	1,560	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	1,720	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	7,200	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	4,420	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	31,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	5.4	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	90	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	1.9E+00 ± 6.0E-01	pCi/L	0	GE
		Tritium	1.1E+01 ± 6.0E-01	pCi/mL	1	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGX 12C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N74427.9 E59675.3	33.287753 °N 81.654237 °W	184.1-174.1 ft msl	275.1 ft msl	4" PVC	Barnwell (IIB_1)

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/92
Depth to water: 40.20 ft (12.25 m) below TOC
Water elevation: 234.90 ft (71.60 m) msl
Sp. conductance: 33 µS/cm
Water evacuated before sampling: 160 gal
Time: 15:35
pH: 5.6
Alkalinity: 6 mg/L
Water temperature: 19.2°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	5.9	pH	0	GE
•		pH	5.9	pH	0	GE
•		pH	5.9	pH	0	GE
•		pH	5.9	pH	0	GE
		Specific conductance	30	µS/cm	0	GE
		Specific conductance	30	µS/cm	0	GE
		Specific conductance	30	µS/cm	0	GE
		Specific conductance	30	µS/cm	0	GE
		Specific conductance	30	µS/cm	0	GE
		Specific conductance	30	µS/cm	0	GE
		Specific conductance	30	µS/cm	0	GE
		Specific conductance	30	µS/cm	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	4.1	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	678	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chloride	2,300	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	2.3	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGX 12C collected on 04/08/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Iron	14	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	292	µg/L	0	GE
		Manganese	24	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Nitrate as nitrogen	190	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	<500	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	12,600	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	4,680	µg/L	0	GE
		Sulfate	1,980	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	33,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	5.3	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Tritium	<7.0E-01	pCi/mL	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGX 12D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N74410.9 E59674.3	33.287714 °N 81.654207 °W	243.7-223.7 ft msl	275.2 ft msl	4" PVC	Water Table (IIB_2)

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/92
Depth to water: 33.11 ft (10.09 m) below TOC
Water elevation: 242.09 ft (73.79 m) msl
Sp. conductance: 20 µS/cm
Water evacuated before sampling: 5 gal
The well went dry during purging.

Time: 12:00
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 19.3°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	5.7	pH	0	GE
•		pH	5.7	pH	0	GE
•		pH	5.7	pH	0	GE
•		pH	5.7	pH	0	GE
		Specific conductance	20	µS/cm	0	GE
		Specific conductance	20	µS/cm	0	GE
		Specific conductance	20	µS/cm	0	GE
		Specific conductance	20	µS/cm	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	15	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	691	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chloride	1,700	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.2	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL BGX 12D collected on 04/09/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Fluoride	<100	µg/L	0	GE
		Iron	49	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	491	µg/L	0	GE
		Manganese	8.0	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Nitrate as nitrogen	<50	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	586	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	5,520	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	1,290	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
	■	Tetrachloroethylene	10	µg/L	2	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	19,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	6.2	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,1,1-Trichloroethane	7.5	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
	■	Trichloroethylene	9.8	µg/L	2	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	2.3E+00 ± 4.6E-01	pCi/L	0	GE
		Total alpha-emitting radium	1.9E+00 ± 6.0E-01	pCi/L	0	GE
	■	Tritium	2.8E+01 ± 9.0E-01	pCi/mL	2	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL HMD 1D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N78731.7 E56973.3	33.292863 °N 81.669714 °W	219.7-199.7 ft msl	264.5 ft msl	4" PVC	Barnwell (IIB_1)

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/09/92
Depth to water: 54.32 ft (16.56 m) below TOC
Water elevation: 210.18 ft (64.06 m) msl
Sp. conductance: 104 µS/cm
Water evacuated before sampling: 4 gal
The well went dry during purging.

Time: 10:25
pH: 5.8
Alkalinity: 25 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	6.4	pH	0	GE
•		pH	6.3	pH	0	GE
•		pH	6.3	pH	0	GE
•		pH	6.5	pH	0	GE
		Specific conductance	78	µS/cm	0	GE
		Specific conductance	78	µS/cm	0	GE
		Specific conductance	80	µS/cm	0	GE
		Specific conductance	80	µS/cm	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	8.6	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	1,660	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chloride	2,420	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	2.0	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Iron	73	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL HMD 1D collected on 06/09/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	257	µg/L	0	GE
		Manganese	97	µg/L	2	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Nitrate as nitrogen	<50	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	606	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	5,490	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	18,400	µg/L	0	GE
		Sulfate	15,300	µg/L	0	GE
		Sulfate	15,200	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	57,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	5.9	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	1.7	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	1.0E+00 ± 7.0E-01	pCi/L	0	GE
		Tritium	1.1E+01 ± 7.0E-01	pCi/mL	1	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL HMD 2D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N79665.8 E57269.7	33.295413 °N 81.670748 °W	210.8-190.8 ft msl	261.1 ft msl	4" PVC	Barnwell (IIB_1)

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/08/92
Depth to water: 59.34 ft (18.09 m) below TOC
Water elevation: 201.76 ft (61.50 m) msl
Sp. conductance: 78 µS/cm
Water evacuated before sampling: 36 gal
Time: 15:45
pH: 5.3
Alkalinity: 12 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	6.2	pH	0	GE
•		pH	6.2	pH	0	GE
•		pH	6.2	pH	0	GE
•		pH	6.2	pH	0	GE
		Specific conductance	61	µS/cm	0	GE
		Specific conductance	62	µS/cm	0	GE
		Specific conductance	65	µS/cm	0	GE
		Specific conductance	65	µS/cm	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	<3.0	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	262	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chloride	2,730	µg/L	0	GE
		Chloride	2,640	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	4.0	µg/L	0	GE
•		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL HMD 2D collected on 06/08/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Fluoride	<100	µg/L	0	GE
		Iron	48	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	77	µg/L	0	GE
		Manganese	8.3	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Nitrate as nitrogen	340	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	<500	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	5,900	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	14,000	µg/L	0	GE
		Sulfate	11,900	µg/L	0	GE
		Sulfate	11,500	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	39,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
•		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	1.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Tritium	3.8E+00 ± 6.0E-01	pCi/mL	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL HMD 3D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N79578.7 E57745.2	33.295996 °N 81.669327 °W	207.7-187.7 ft msl	259.5 ft msl	4" PVC	Barnwell (IIB_1)

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/09/92
Depth to water: 58.29 ft (17.77 m) below TOC
Water elevation: 201.21 ft (61.33 m) msl
Sp. conductance: 59 µS/cm
Water evacuated before sampling: 35 gal
Time: 9:15
pH: 4.6
Alkalinity: 1 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	5.3	pH	0	GE
•		pH	5.3	pH	0	GE
•		pH	5.3	pH	0	GE
•		pH	5.3	pH	0	GE
•		pH	5.3	pH	0	GE
•		pH	5.3	pH	0	GE
•		pH	5.3	pH	0	GE
•		pH	5.3	pH	0	GE
•		pH	5.2	pH	0	WA
•		pH	5.2	pH	0	WA
•		pH	5.3	pH	0	WA
•		pH	5.3	pH	0	WA
•		pH	5.3	pH	0	WA
•		pH	5.2	pH	0	WA
•		pH	5.3	pH	0	WA
•		pH	5.3	pH	0	WA
		Specific conductance	44	µS/cm	0	GE
		Specific conductance	45	µS/cm	0	GE
		Specific conductance	44	µS/cm	0	GE
		Specific conductance	44	µS/cm	0	GE
		Specific conductance	45	µS/cm	0	GE
		Specific conductance	49	µS/cm	0	GE
		Specific conductance	49	µS/cm	0	GE
		Specific conductance	49	µS/cm	0	GE
•		Specific conductance	52	µS/cm	0	WA
•		Specific conductance	48	µS/cm	0	WA
•		Specific conductance	50	µS/cm	0	WA
•		Specific conductance	50	µS/cm	0	WA
•		Specific conductance	49	µS/cm	0	WA
•		Specific conductance	48	µS/cm	0	WA
•		Specific conductance	47	µS/cm	0	WA
•		Specific conductance	48	µS/cm	0	WA
		Arsenic	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	WA
		Arsenic	<2.0	µg/L	0	WA
		Barium	11	µg/L	0	GE
		Barium	11	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL HMD 3D collected on 06/09/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Barium	11	µg/L	0	WA
		Barium	11	µg/L	0	WA
		Benzene	<1.0	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Benzene	<5.0	µg/L	0	WA
		Benzene	<5.0	µg/L	0	WA
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromodichloromethane	<5.0	µg/L	0	WA
		Bromodichloromethane	<5.0	µg/L	0	WA
		Bromoform	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromoform	<5.0	µg/L	0	WA
		Bromoform	<5.0	µg/L	0	WA
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<10	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	µg/L	0	WA
		Cadmium	<2.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Cadmium	1.1	µg/L	0	WA
		Cadmium	<0.35	µg/L	0	WA
		Calcium	1,300	µg/L	0	GE
		Calcium	1,310	µg/L	0	GE
		Calcium	1,200	µg/L	0	WA
		Calcium	1,160	µg/L	0	WA
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Carbon tetrachloride	<5.0	µg/L	0	WA
		Carbon tetrachloride	<5.0	µg/L	0	WA
		Chloride	2,690	µg/L	0	GE
		Chloride	2,600	µg/L	0	GE
		Chloride	3,180	µg/L	0	WA
		Chloride	3,280	µg/L	0	WA
		Chlorobenzene	<1.0	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chlorobenzene	<5.0	µg/L	0	WA
		Chlorobenzene	<5.0	µg/L	0	WA
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethane	<10	µg/L	0	WA
		Chloroethane	<10	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<10	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	µg/L	0	WA
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<10	µg/L	0	WA
		2-Chloroethyl vinyl ether	<10	µg/L	0	WA
		Chloroform	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloroform	<5.0	µg/L	0	WA
		Chloroform	<5.0	µg/L	0	WA
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL HMD 3D collected on 06/09/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Chloromethane (Methyl chloride)	<10	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	µg/L	0	WA
		Chromium	<4.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chromium	<1.1	µg/L	0	WA
		Chromium	<1.1	µg/L	0	WA
		Dibromochloromethane	<1.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Dibromochloromethane	<5.0	µg/L	0	WA
		Dibromochloromethane	<5.0	µg/L	0	WA
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<5.0	µg/L	0	WA
		1,1-Dichloroethane	<5.0	µg/L	0	WA
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<5.0	µg/L	0	WA
		1,2-Dichloroethane	<5.0	µg/L	0	WA
		trans-1,2-Dichloroethene	<5.0	µg/L	0	WA
		trans-1,2-Dichloroethene	<5.0	µg/L	0	WA
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<5.0	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	µg/L	0	WA
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.7	µg/L	0	GE
		Dichloromethane (Methylene chloride)	2.1	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.0	µg/L	0	WA
		Dichloromethane (Methylene chloride)	2.0	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<1.1	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	µg/L	0	WA
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		1,2-Dichloropropane	<5.0	µg/L	0	WA
		1,2-Dichloropropane	<5.0	µg/L	0	WA
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<5.0	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	µg/L	0	WA
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<5.0	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	µg/L	0	WA
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<0.11	µg/L	0	WA
		Endrin	<0.11	µg/L	0	WA
		Ethylbenzene	<1.0	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Ethylbenzene	<5.0	µg/L	0	WA
		Ethylbenzene	<5.0	µg/L	0	WA
		Fluoride	<100	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL HMD 3D collected on 06/09/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Fluoride	<100	µg/L	0	GE
		Fluoride	<100	µg/L	0	WA
		Fluoride	<100	µg/L	0	WA
		Fluoride	<100	µg/L	0	WA
		Iron	194	µg/L	1	GE
		Iron	63	µg/L	0	GE
		Iron	74	µg/L	0	WA
		Iron	20	µg/L	0	WA
		Lead	<3.0	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lead	<2.0	µg/L	0	WA
		Lead	<2.0	µg/L	0	WA
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<0.054	µg/L	0	WA
		Lindane	<0.057	µg/L	0	WA
		Magnesium	524	µg/L	0	GE
		Magnesium	531	µg/L	0	GE
		Magnesium	502	µg/L	0	WA
		Magnesium	490	µg/L	0	WA
		Manganese	29	µg/L	1	GE
		Manganese	28	µg/L	1	GE
		Manganese	28	µg/L	1	WA
		Manganese	26	µg/L	1	WA
		Mercury	<0.20	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Mercury	<0.20	µg/L	0	WA
		Mercury	<0.20	µg/L	0	WA
		Methoxychlor	<0.50	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Methoxychlor	<0.54	µg/L	0	WA
		Methoxychlor	<0.57	µg/L	0	WA
		Nitrate as nitrogen	410	µg/L	0	GE
		Nitrate as nitrogen	410	µg/L	0	GE
		Nitrate as nitrogen	632	µg/L	0	WA
		Nitrate as nitrogen	543	µg/L	0	WA
		Phenols	<5.0	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Phenols	<5.0	µg/L	0	WA
		Phenols	<5.0	µg/L	0	WA
		Potassium	<500	µg/L	0	GE
		Potassium	541	µg/L	0	GE
		Potassium	697	µg/L	0	WA
		Potassium	490	µg/L	0	WA
		Selenium	<2.0	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Selenium	<2.0	µg/L	0	WA
		Selenium	<2.0	µg/L	0	WA
		Silica	7,250	µg/L	0	GE
		Silica	7,350	µg/L	0	GE
		Silica	7,080	µg/L	0	WA
		Silica	6,770	µg/L	0	WA
		Silver	<2.0	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL HMD 3D collected on 06/09/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Silver	0.85	µg/L	0	WA
		Silver	<0.70	µg/L	0	WA
		Sodium	6,260	µg/L	0	GE
		Sodium	6,450	µg/L	0	GE
		Sodium	6,490	µg/L	0	WA
		Sodium	6,480	µg/L	0	WA
		Sulfate	12,000	µg/L	0	GE
		Sulfate	11,800	µg/L	0	GE
		Sulfate	12,300	µg/L	0	WA
		Sulfate	12,500	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<5.0	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	µg/L	0	WA
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tetrachloroethylene	<5.0	µg/L	0	WA
		Tetrachloroethylene	<5.0	µg/L	0	WA
		Toluene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Toluene	<5.0	µg/L	0	WA
		Toluene	<5.0	µg/L	0	WA
		Total dissolved solids	32,000	µg/L	0	GE
		Total dissolved solids	36,000	µg/L	0	GE
		Total dissolved solids	49,000	µg/L	0	WA
		Total dissolved solids	44,000	µg/L	0	WA
		Total dissolved solids	46,000	µg/L	0	WA
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	838	µg/L	0	WA
		Total organic carbon	838	µg/L	0	WA
		Total organic carbon	1,320	µg/L	0	WA
		Total organic carbon	934	µg/L	0	WA
		Total organic carbon	548	µg/L	0	WA
		Total organic carbon	645	µg/L	0	WA
		Total organic carbon	645	µg/L	0	WA
		Total organic carbon	645	µg/L	0	WA
		Total organic halogens	5.7	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<20	µg/L	0	WA
		Total organic halogens	<20	µg/L	0	WA
		Total organic halogens	<10	µg/L	0	WA

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL HMD 3D collected on 06/09/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Total organic halogens	<10	µg/L	0	WA
		Total organic halogens	<10	µg/L	0	WA
		Total organic halogens	<10	µg/L	0	WA
		Total organic halogens	<10	µg/L	0	WA
		Total organic halogens	28	µg/L	1	WA
		Total organic halogens	38	µg/L	1	WA
		Total phosphates (as P)	<50	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Total phosphates (as P)	23	µg/L	0	WA
		Total phosphates (as P)	<20	µg/L	0	WA
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<1.1	µg/L	0	WA
		Toxaphene	<1.1	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.57	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.57	µg/L	0	WA
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,1-Trichloroethane	<5.0	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	µg/L	0	WA
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<5.0	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	µg/L	0	WA
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichloroethylene	<5.0	µg/L	0	WA
		Trichloroethylene	<5.0	µg/L	0	WA
		Trichlorofluoromethane	7.8	µg/L	1	GE
		Trichlorofluoromethane	8.1	µg/L	1	GE
		Trichlorofluoromethane	5.9	µg/L	1	WA
		Trichlorofluoromethane	<5.0	µg/L	0	WA
		Gross alpha	2.8E+00 ± 7.0E-01	pCi/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Gross alpha	2.5E+00 ± 8.0E-01	pCi/L	0	TM
		Gross alpha	3.3E+00 ± 9.0E-01	pCi/L	0	TM
		Nonvolatile beta	2.6E+00 ± 1.3E+00	pCi/L	0	GE
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	2.2E+00 ± 1.0E+00	pCi/L	0	TM
		Nonvolatile beta	1.8E+00 ± 1.0E+00	pCi/L	0	TM
		Radium-226	4.2E-01 ± 2.5E-01	pCi/L	0	TM
		Radium-228	1.1E+00 ± 7.3E-01	pCi/L	0	TM
		Radium-228	<6.0E-01	pCi/L	0	TM
		Total alpha-emitting radium	1.0E+00 ± 4.0E-01	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Tritium	5.4E+00 ± 6.0E-01	pCi/mL	0	GE
		Tritium	5.3E+00 ± 6.0E-01	pCi/mL	0	GE
		Tritium	5.9E+00 ± 1.4E+00	pCi/mL	0	TM
		Tritium	5.2E+00 ± 1.3E+00	pCi/mL	0	TM

● = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL HMD 4D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N79160.4 E58188.5	33.295794 °N 81.667346 °W	208.9-188.9 ft msl	250.9 ft msl	4" PVC	Barnwell (IIB_1)

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/09/92
Depth to water: 49.95 ft (15.22 m) below TOC
Water elevation: 200.95 ft (61.25 m) msl
Sp. conductance: 23 µS/cm
Water evacuated before sampling: 6 gal
The well went dry during purging.

Time: 8:30
pH: 5.0
Alkalinity: 4 mg/L
Water temperature: 19.2°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	5.9	pH	0	GE
•		pH	5.9	pH	0	GE
•		pH	6.0	pH	0	GE
•		pH	6.0	pH	0	GE
		Specific conductance	25	µS/cm	0	GE
		Specific conductance	25	µS/cm	0	GE
		Specific conductance	25	µS/cm	0	GE
		Specific conductance	25	µS/cm	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	19	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	2,110	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chloride	1,630	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.8	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Iron	324	µg/L	2	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL HMD 4D collected on 06/09/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
	■	Lead	25	µg/L	2	GE
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	453	µg/L	0	GE
		Manganese	58	µg/L	2	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Nitrate as nitrogen	660	µg/L	0	GE
		Nitrate as nitrogen	660	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	1,280	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	8,560	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	1,520	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	140	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		Gross alpha	2.5E+00±7.0E-01	pCi/L	0	GE
		Nonvolatile beta	2.8E+00±1.3E+00	pCi/L	0	GE
		Total alpha-emitting radium	2.5E+00±9.0E-01	pCi/L	1	GE
		Tritium	9.0E+00±7.0E-01	pCi/mL	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL HSB 85A

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N73791.9 E58943.4	33.285152 °N 81.654930 °W	71.1-61.1 ft msl	294.4 ft msl	4" PVC	Congaree (IIA)

FIELD MEASUREMENTS

Sample date: 04/16/92
Depth to water: 125.07 ft (38.12 m) below TOC
Water elevation: 169.33 ft (51.61 m) msl
Sp. conductance: 189 µS/cm
Water evacuated before sampling: 284 gal
Time: 15:10
pH: 6.9
Alkalinity: 69 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	7.0	pH	0	GE
		Specific conductance	172	µS/cm	0	GE
•		Turbidity	<0.10	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	<20	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	31	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL HSB 85A collected on 04/16/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	33,500	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	2,490	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Cobalt	<4.0	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.8	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL HSB 85A collected on 04/16/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	<4.0	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	816	µg/L	0	GE
		Manganese	<2.0	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	130	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	1,120	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	27,300	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	1,730	µg/L	0	GE
		Sulfate	6,080	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	121,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
•		Total organic halogens	<5.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL HSB 85A collected on 04/16/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Total phosphates (as P)	<50	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Zinc	<2.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Tritium	<7.0E-01	pCi/mL	0	GE
		Tritium	<7.0E-01	pCi/mL	0	GE

WELL HSB 85B

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N73789.3 E58953.3	33.285162 °N 81.654898 °W	143.2-133.2 ft msl	294.5 ft msl	4" PVC	McBean (lIB_1)

FIELD MEASUREMENTS

Sample date: 04/17/92
Depth to water: 60.66 ft (18.49 m) below TOC
Water elevation: 233.84 ft (71.28 m) msl
Sp. conductance: 549 µS/cm
Water evacuated before sampling: 47 gal
The well went dry during purging.

Time: 10:05
pH: 11.0
Alkalinity: 122 mg/L
Water temperature: 20.2°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	12	pH	2	GE
•		pH	12	pH	2	GE
		Specific conductance	520	µS/cm	2	GE
•		Turbidity	<0.10	NTU	0	GE
•		Turbidity	<0.10	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	2,170	µg/L	2	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	44	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL HSB 85B collected on 04/17/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	42,200	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	1,520	µg/L	0	GE
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	4.4	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Cobalt	<4.0	µg/L	0	GE
		Copper	<4.0	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
•		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL HSB 85B collected on 04/17/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	136	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	<4.0	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	106	µg/L	0	GE
		Manganese	<2.0	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	500	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL HSB 85B collected on 04/17/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Potassium	4,840	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	11,700	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	10,300	µg/L	0	GE
		Sulfate	4,440	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	158,000	µg/L	0	GE
		Total dissolved solids	155,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
•		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	8.9	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Zinc	<2.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	3.1E+00 ± 1.2E+00	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Tritium	1.2E+00 ± 4.0E-01	pCi/mL	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL HSB 85C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Formation
N73802.3 E58947.4	33.285182 °N 81.654939 °W	224.2-214.2 ft msl	294.1 ft msl	4" PVC	Water Table (IIB_2)

FIELD MEASUREMENTS

Sample date: 04/16/92
Depth to water: 54.87 ft (16.72 m) below TOC
Water elevation: 239.23 ft (72.92 m) msl
Sp. conductance: 32 µS/cm
Water evacuated before sampling: 66 gal

Time: 14:30
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 20.6°C

LABORATORY ANALYSES

H	D	Analyte	Result	Unit	Flag	Lab
•		pH	4.4	pH	0	GE
•		pH	4.5	pH	0	GE
		Specific conductance	30	µS/cm	0	GE
•		Turbidity	<0.10	NTU	0	GE
		Acenaphthene	<10	µg/L	0	GE
		Acenaphthylene	<10	µg/L	0	GE
		Acetophenone	<10	µg/L	0	GE
		Aldrin	<10	µg/L	0	GE
		Aluminum	33	µg/L	0	GE
		Anthracene	<10	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Antimony	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Arsenic	<2.0	µg/L	0	GE
		Barium	4.8	µg/L	0	GE
		Benzene	<1.0	µg/L	0	GE
		alpha-Benzene hexachloride	<10	µg/L	0	GE
		beta-Benzene hexachloride	<10	µg/L	0	GE
		delta-Benzene hexachloride	<10	µg/L	0	GE
		Benzidine	<10	µg/L	0	GE
		Benzo[*a*]anthracene	<10	µg/L	0	GE
		Benzo[*b*]fluoranthene	<10	µg/L	0	GE
		Benzo[*k*]fluoranthene	<10	µg/L	0	GE
		Benzo[*g,h,i*]perylene	<10	µg/L	0	GE
		Benzo[*a*]pyrene	<10	µg/L	0	GE
		Bis(2-chloroethoxy) methane	<10	µg/L	0	GE
		Bis(2-chloroethyl) ether	<10	µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	µg/L	0	GE
		Bis(2-ethylhexyl) phthalate	<10	µg/L	0	GE
		Bromodichloromethane	<1.0	µg/L	0	GE
		Bromoform	<1.0	µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	µg/L	0	GE
		4-Bromophenyl phenyl ether	<10	µg/L	0	GE
		Butylbenzyl phthalate	<10	µg/L	0	GE
		Cadmium	<2.0	µg/L	0	GE
		Calcium	158	µg/L	0	GE
		Carbon tetrachloride	<1.0	µg/L	0	GE
		Chlordane	<10	µg/L	0	GE
		Chloride	2,030	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL HSB 85C collected on 04/16/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Chlorobenzene	<1.0	µg/L	0	GE
		para-Chloro-meta-cresol	<10	µg/L	0	GE
		Chloroethane	<1.0	µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	µg/L	0	GE
		2-Chloroethyl vinyl ether	<1.0	µg/L	0	GE
		Chloroform	<1.0	µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	µg/L	0	GE
		2-Chloronaphthalene	<10	µg/L	0	GE
		2-Chlorophenol	<10	µg/L	0	GE
		4-Chlorophenyl phenyl ether	<10	µg/L	0	GE
		Chromium	<4.0	µg/L	0	GE
		Chrysene	<10	µg/L	0	GE
		Cobalt	<4.0	µg/L	0	GE
		Copper	23	µg/L	0	GE
		Cyanide	<5.0	µg/L	0	GE
		p,p'-DDD	<10	µg/L	0	GE
		p,p'-DDE	<10	µg/L	0	GE
		p,p'-DDT	<10	µg/L	0	GE
		Dibenz[*a,h*]anthracene	<10	µg/L	0	GE
		Dibromochloromethane	<1.0	µg/L	0	GE
		Di-n-butyl phthalate	<10	µg/L	0	GE
		3,3'-Dichlorobenzidine	<10	µg/L	0	GE
		1,1-Dichloroethane	<1.0	µg/L	0	GE
		1,2-Dichloroethane	<1.0	µg/L	0	GE
		1,1-Dichloroethylene	<1.0	µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.7	µg/L	0	GE
		2,4-Dichlorophenol	<10	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	0	GE
		1,2-Dichloropropane	<1.0	µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	µg/L	0	GE
		Dieldrin	<10	µg/L	0	GE
		Diethyl phthalate	<10	µg/L	0	GE
		2,4-Dimethyl phenol	<10	µg/L	0	GE
		Dimethyl phthalate	<10	µg/L	0	GE
		2,4-Dinitrophenol	<45	µg/L	0	GE
		2,4-Dinitrotoluene	<10	µg/L	0	GE
		2,6-Dinitrotoluene	<10	µg/L	0	GE
		Di-n-octyl phthalate	<10	µg/L	0	GE
		1,2-Diphenylhydrazine	<10	µg/L	0	GE
		Endosulfan I	<10	µg/L	0	GE
		Endosulfan II	<10	µg/L	0	GE
		Endosulfan sulfate	<10	µg/L	0	GE
		Endrin	<10	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin	<0.0060	µg/L	0	GE
		Endrin aldehyde	<10	µg/L	0	GE
		Ethylbenzene	<1.0	µg/L	0	GE
		Fluoranthene	<10	µg/L	0	GE
		Fluorene	<10	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Fluoride	<100	µg/L	0	GE
		Heptachlor	<10	µg/L	0	GE
		Heptachlor epoxide	<10	µg/L	0	GE
		Hexachlorobenzene	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

WELL HSB 85C collected on 04/16/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Hexachlorobutadiene	<10	µg/L	0	GE
		Hexachlorocyclopentadiene	<10	µg/L	0	GE
		Hexachloroethane	<10	µg/L	0	GE
		Indeno[*1,2,3-c,d*]pyrene	<10	µg/L	0	GE
		Iron	<4.0	µg/L	0	GE
		Isophorone	<10	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lead	<3.0	µg/L	0	GE
		Lindane	<10	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Lindane	<0.0050	µg/L	0	GE
		Magnesium	99	µg/L	0	GE
		Manganese	2.5	µg/L	0	GE
		Mercury	<0.20	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		Methoxychlor	<0.50	µg/L	0	GE
		2-Methyl-4,6-dinitrophenol	<10	µg/L	0	GE
		Naphthalene	<10	µg/L	0	GE
		Nickel	<4.0	µg/L	0	GE
		Nitrate as nitrogen	1,800	µg/L	0	GE
		Nitrate as nitrogen	1,820	µg/L	0	GE
		Nitrobenzene	<10	µg/L	0	GE
		2-Nitrophenol	<10	µg/L	0	GE
		4-Nitrophenol	<10	µg/L	0	GE
		N-Nitrosodimethylamine	<10	µg/L	0	GE
		N-Nitrosodiphenylamine	<10	µg/L	0	GE
		N-Nitrosodipropylamine	<10	µg/L	0	GE
		PCB 1016	<150	µg/L	0	GE
		PCB 1221	<150	µg/L	0	GE
		PCB 1232	<150	µg/L	0	GE
		PCB 1242	<150	µg/L	0	GE
		PCB 1248	<150	µg/L	0	GE
		PCB 1254	<150	µg/L	0	GE
		PCB 1260	<150	µg/L	0	GE
		Pentachlorophenol	<10	µg/L	0	GE
		Phenanthrene	<10	µg/L	0	GE
		Phenol	<10	µg/L	0	GE
		Phenols	<5.0	µg/L	0	GE
		Potassium	<500	µg/L	0	GE
		Pyrene	<10	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Selenium	<2.0	µg/L	0	GE
		Silica	6,290	µg/L	0	GE
		Silver	<2.0	µg/L	0	GE
		Sodium	3,690	µg/L	0	GE
		Sulfate	<1,000	µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	µg/L	0	GE
		Tetrachloroethylene	<1.0	µg/L	0	GE
		Tin	<2.0	µg/L	0	GE
		Toluene	<1.0	µg/L	0	GE
		Total dissolved solids	19,000	µg/L	0	GE
		Total dissolved solids	18,000	µg/L	0	GE
		Total organic carbon	<1,000	µg/L	0	GE
		Total organic halogens	<5.0	µg/L	0	GE
		Total phosphates (as P)	<50	µg/L	0	GE
		Toxaphene	<10	µg/L	0	GE

• = exceeded holding time. ■ = exceeded primary drinking water standard.

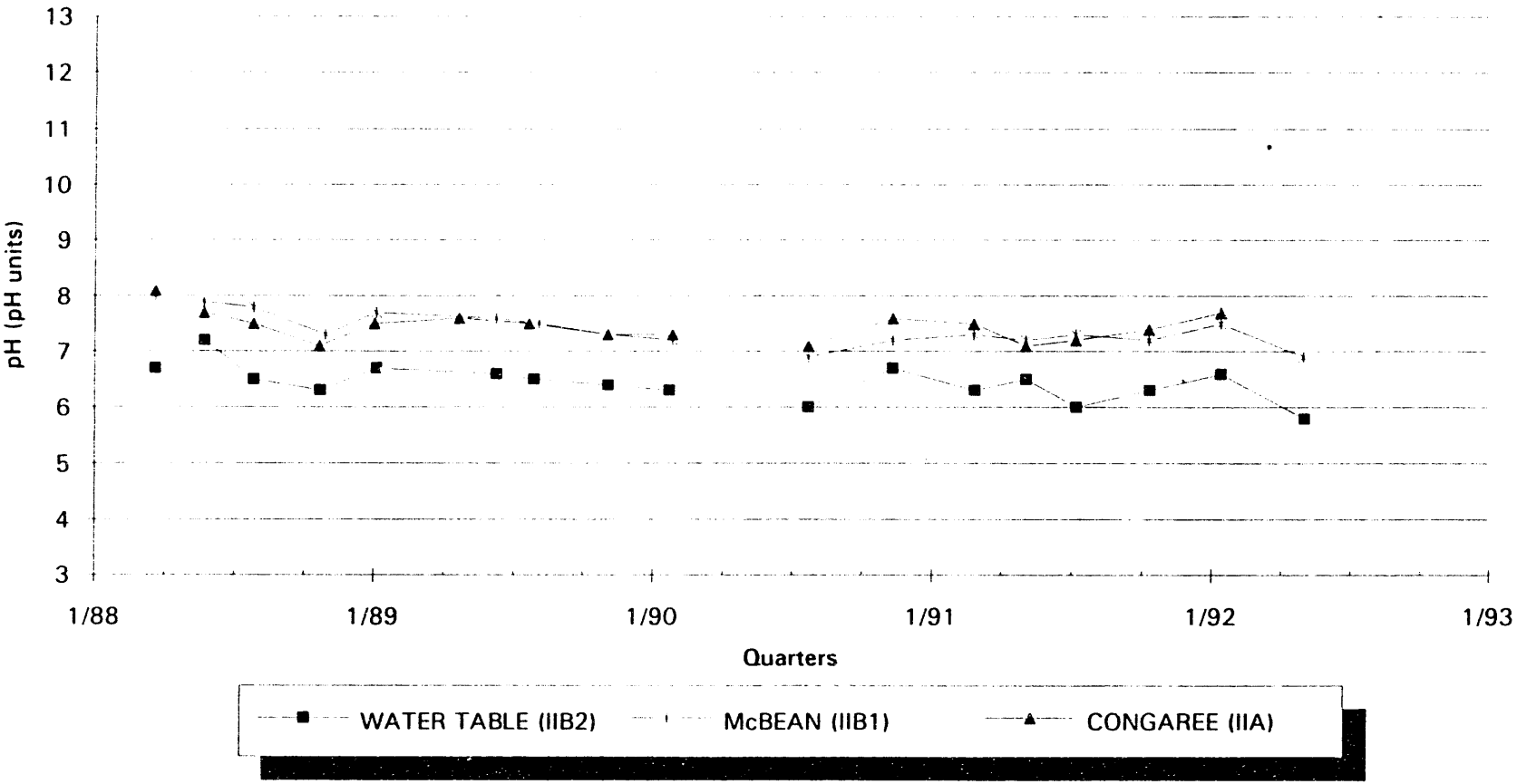
WELL HSB 85C collected on 04/16/92, laboratory analyses (cont.)

H	D	Analyte	Result	Unit	Flag	Lab
		Toxaphene	<0.24	µg/L	0	GE
		Toxaphene	<0.24	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090	µg/L	0	GE
		1,2,4-Trichlorobenzene	<10	µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	µg/L	0	GE
		Trichloroethylene	<1.0	µg/L	0	GE
		Trichlorofluoromethane	<1.0	µg/L	0	GE
		2,4,6-Trichlorophenol	<10	µg/L	0	GE
		Vanadium	<8.0	µg/L	0	GE
		Xylenes	<2.0	µg/L	0	GE
		Zinc	<2.0	µg/L	0	GE
		Gross alpha	<2.0E+00	pCi/L	0	GE
		Nonvolatile beta	<2.0E+00	pCi/L	0	GE
		Total alpha-emitting radium	<1.0E+00	pCi/L	0	GE
		Tritium	3.5E+00 ± 4.0E-01	pCi/mL	0	GE

● = exceeded holding time. ■ = exceeded primary drinking water standard.

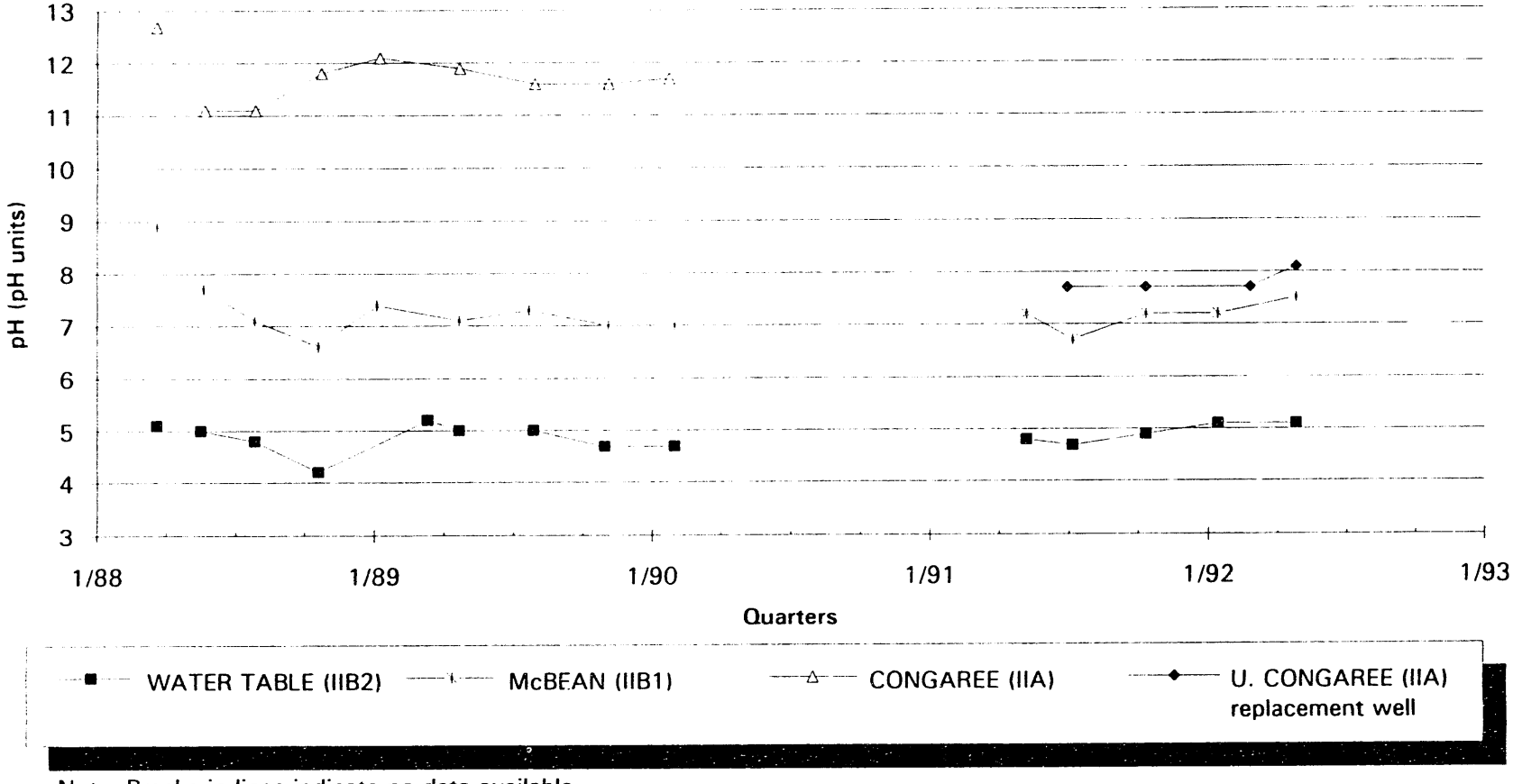
Appendix E – Time Series Plots

CLUSTER BGO 6
pH



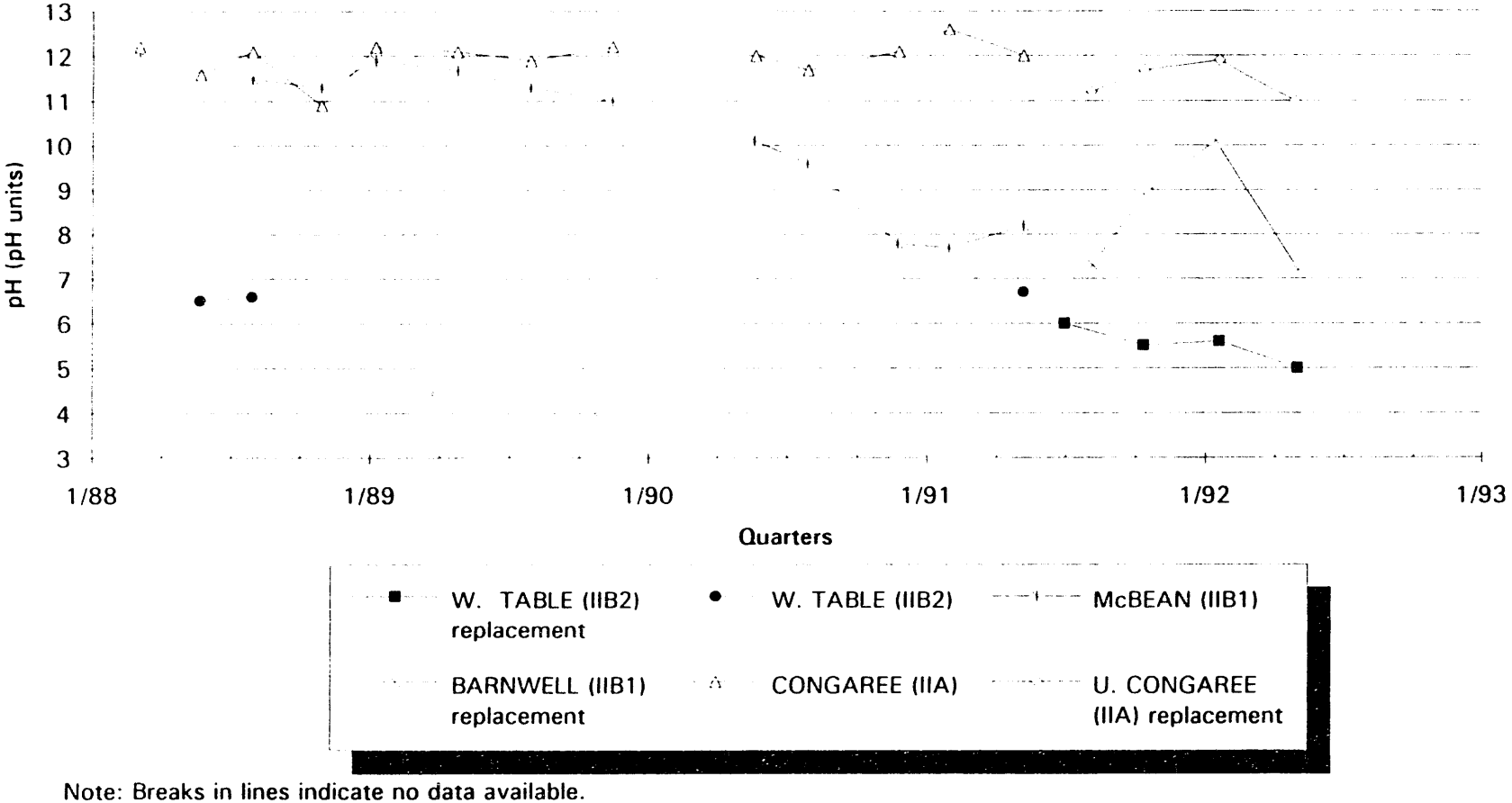
Note: Breaks in lines indicate no data available.

CLUSTER BGO 8
pH



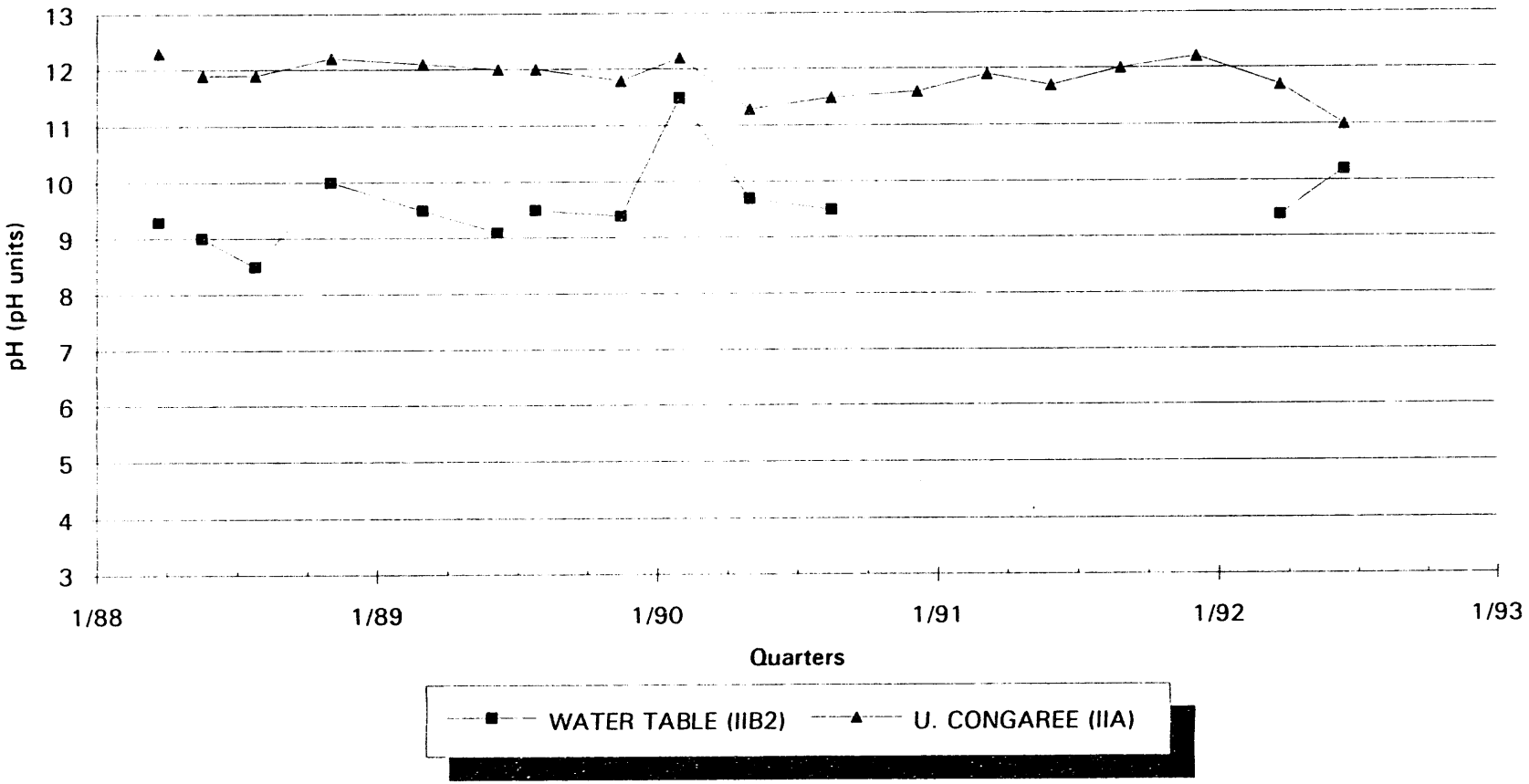
Note: Breaks in lines indicate no data available.

CLUSTER BGO 14
pH



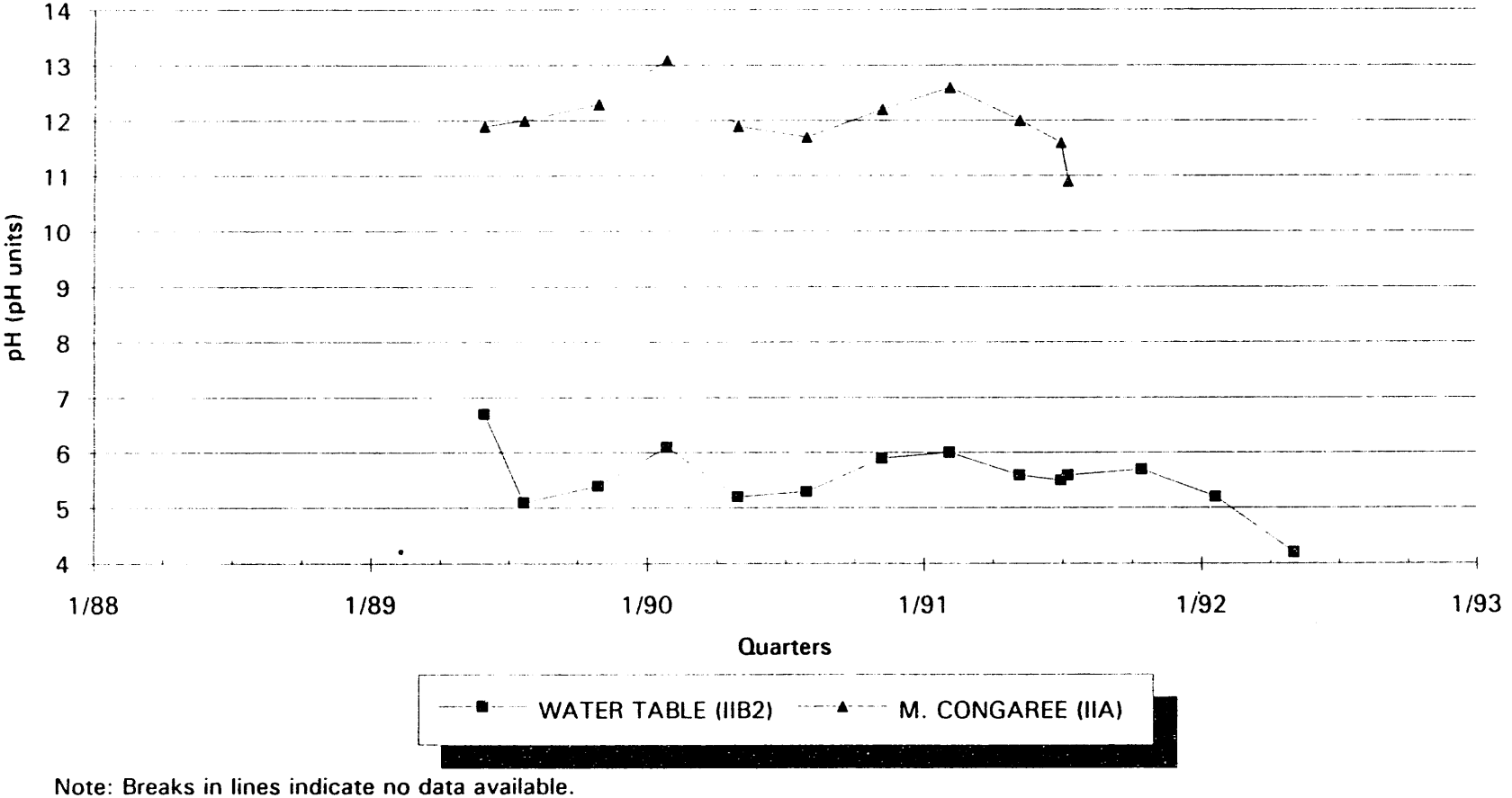
Note: Breaks in lines indicate no data available.

CLUSTER BGO 16
pH



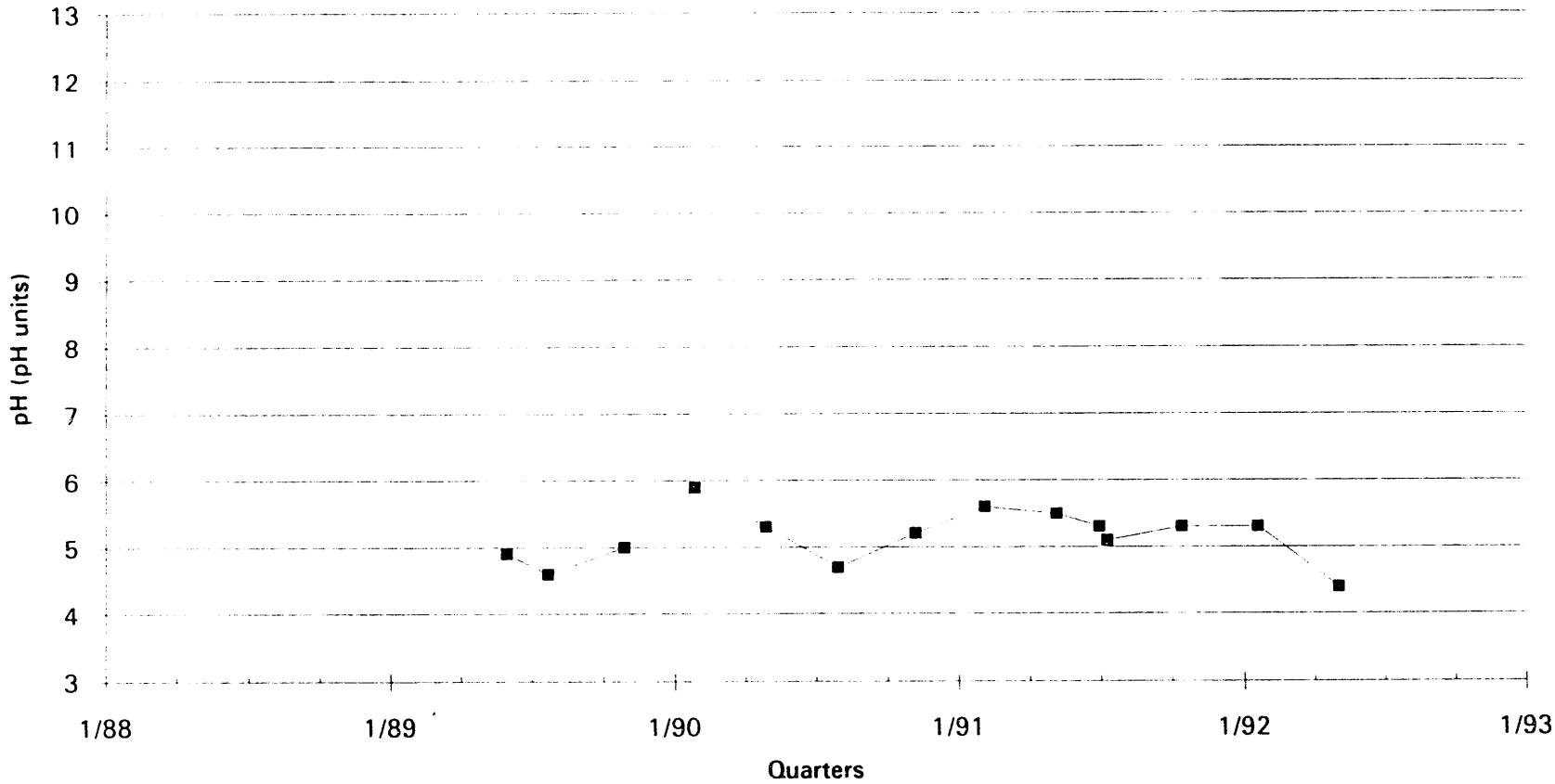
Note: Breaks in lines indicate no data available.

CLUSTER BGO 26
pH



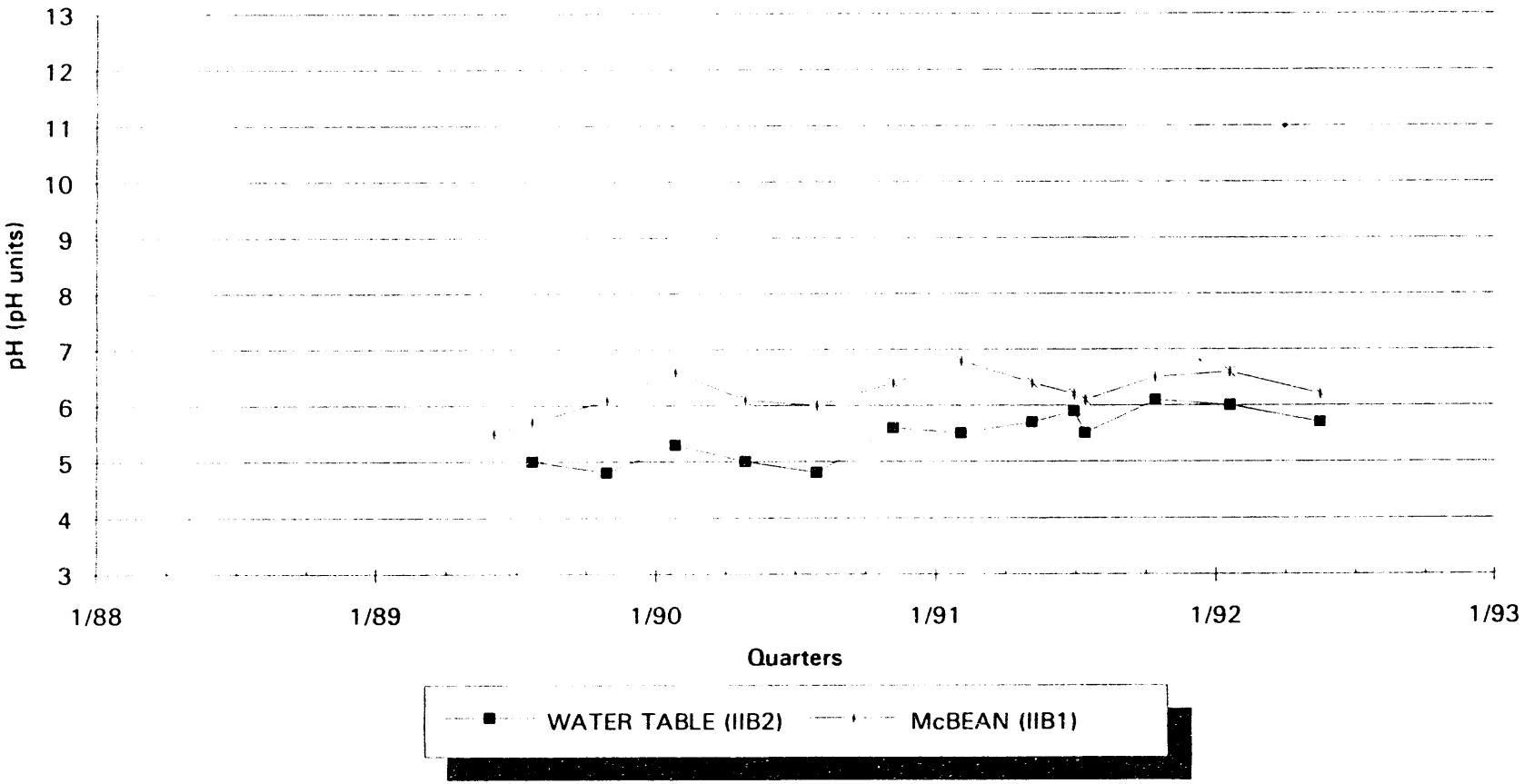
Note: Breaks in lines indicate no data available.

BGO 28D (WATER TABLE, IIB2)
pH



Note: Breaks in lines indicate no data available.

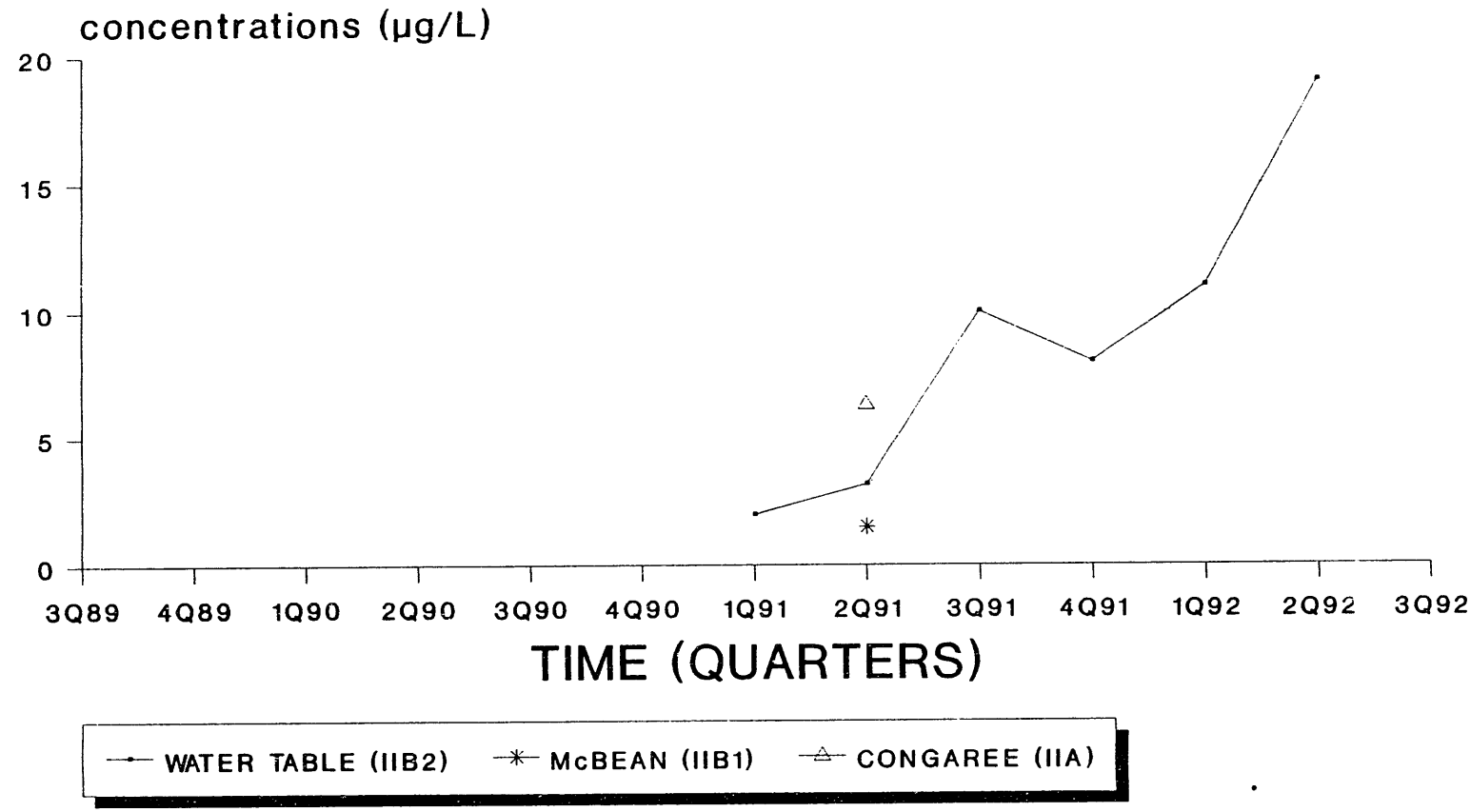
CLUSTER BGO 30
pH



Note: Breaks in lines indicate no data available.

CLUSTER - BGO 6

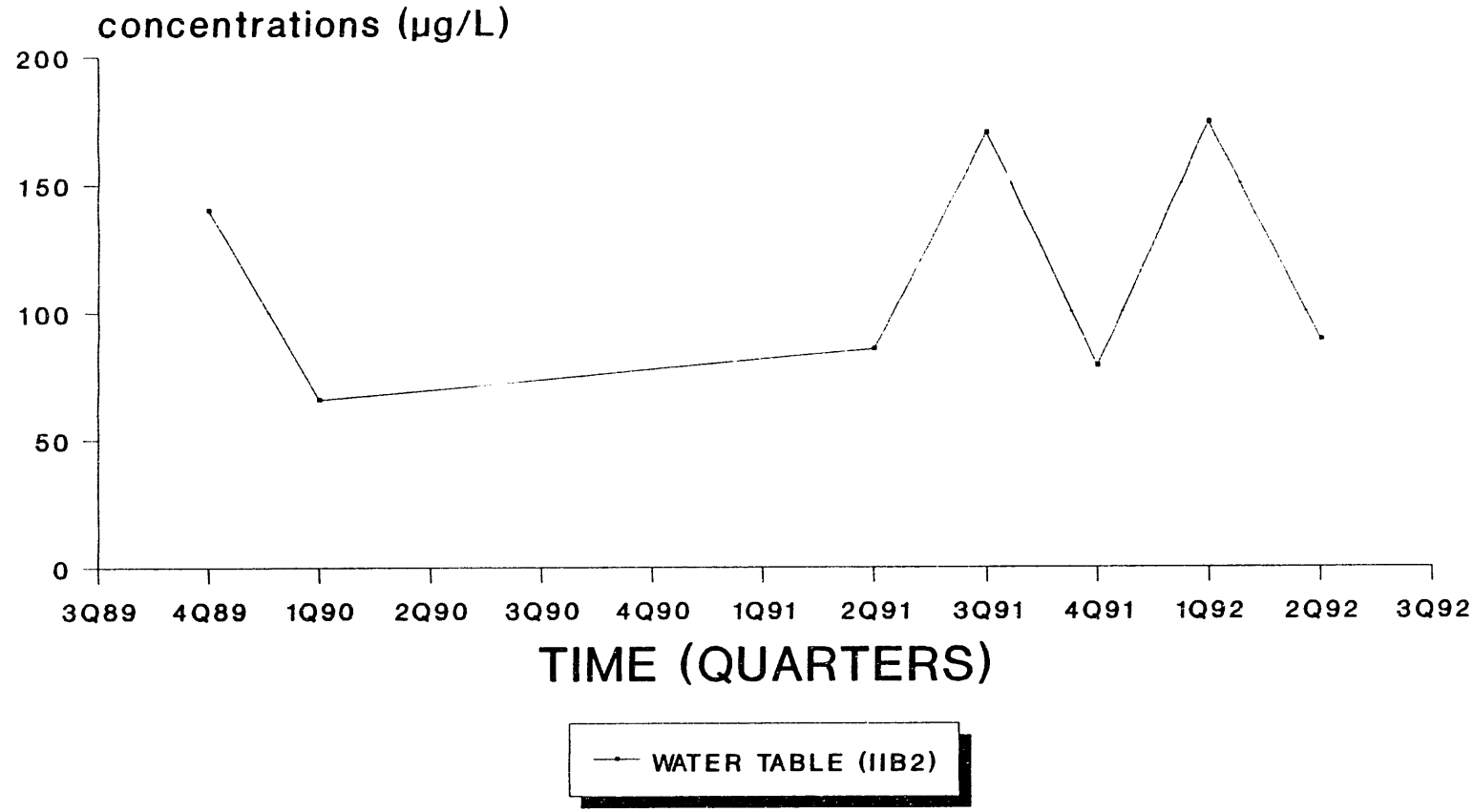
Trichloroethylene



PDWS 5 µg/L
empty space denotes no data or less than detection

BGO 7D

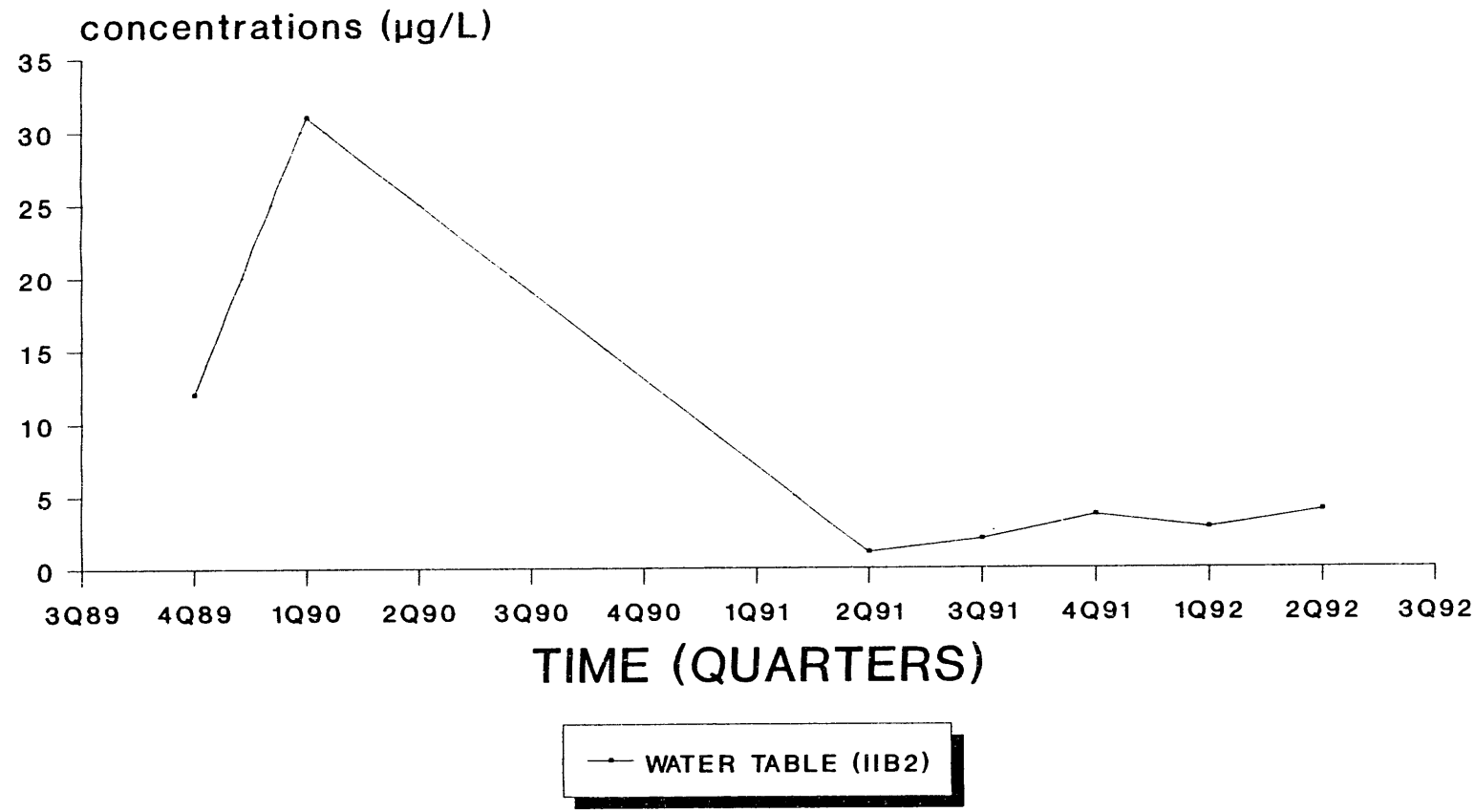
Trichloroethylene



PDWS 5 µg/L
empty space denotes no data or less than detection

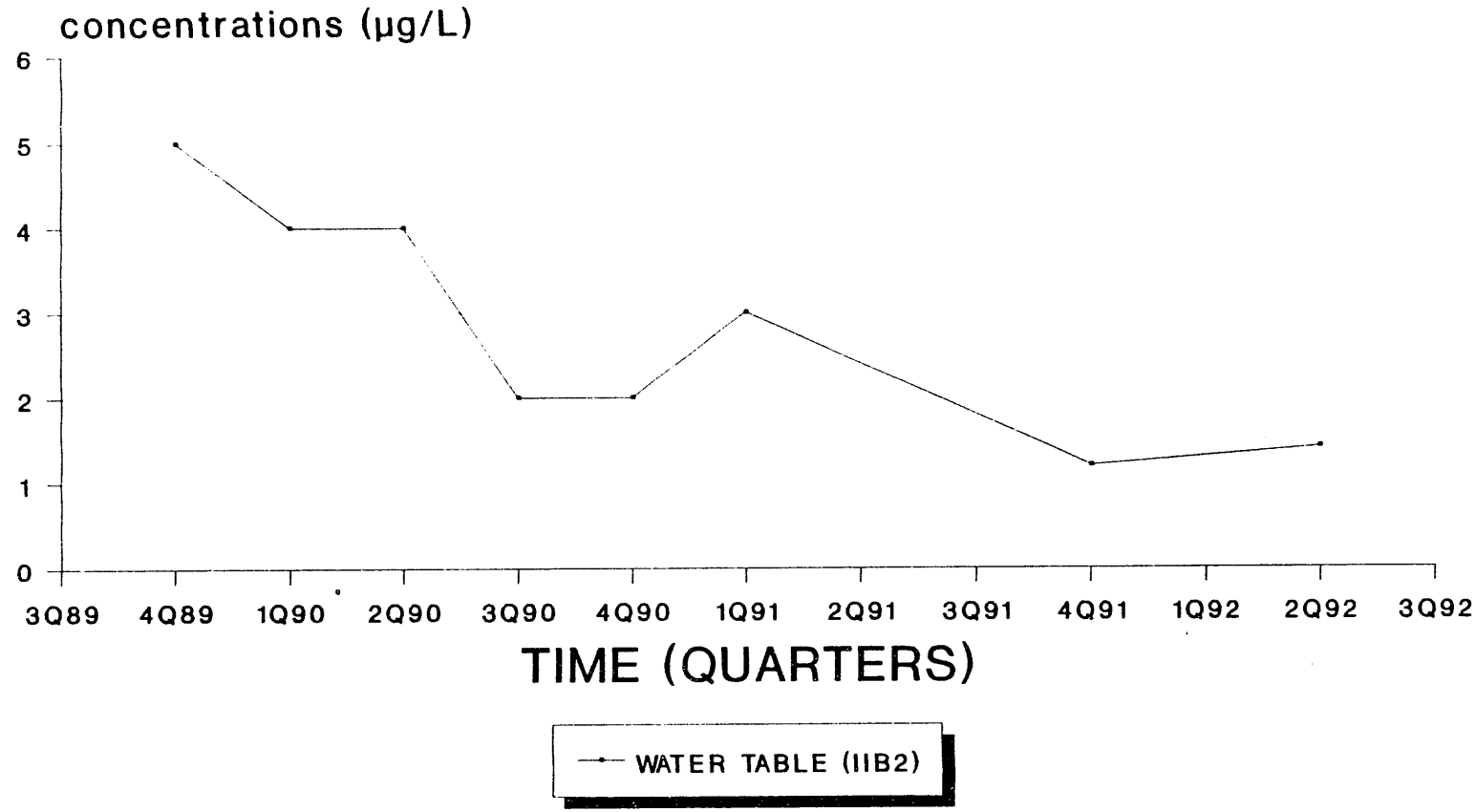
BGO 8D

Trichloroethylene



PDWS 5 µg/L
empty space denotes no data or less than detection

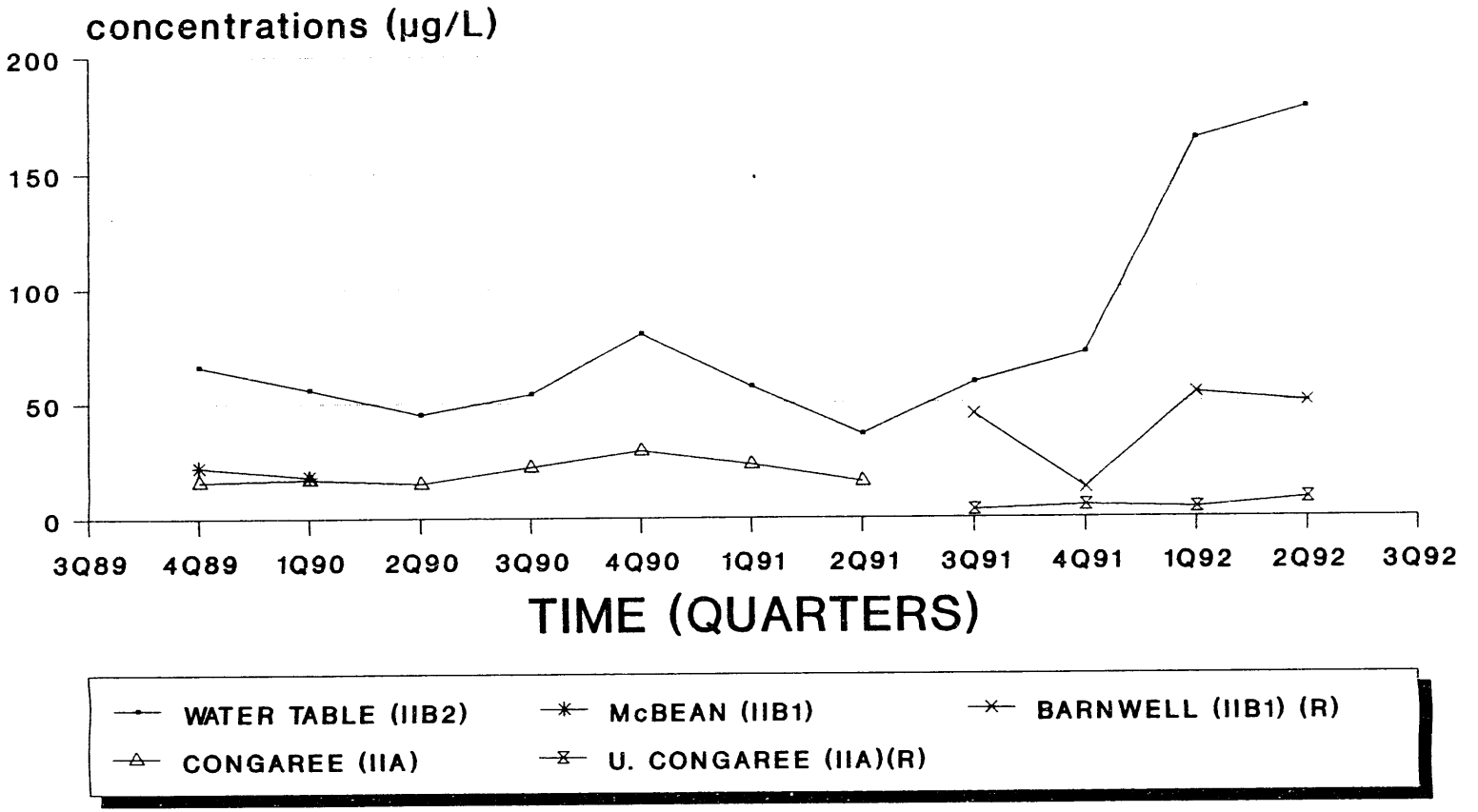
BGO 11D
Trichloroethylene



PDWS 5 µg/L
empty space denotes no data or less than detection

CLUSTER - BGO 12

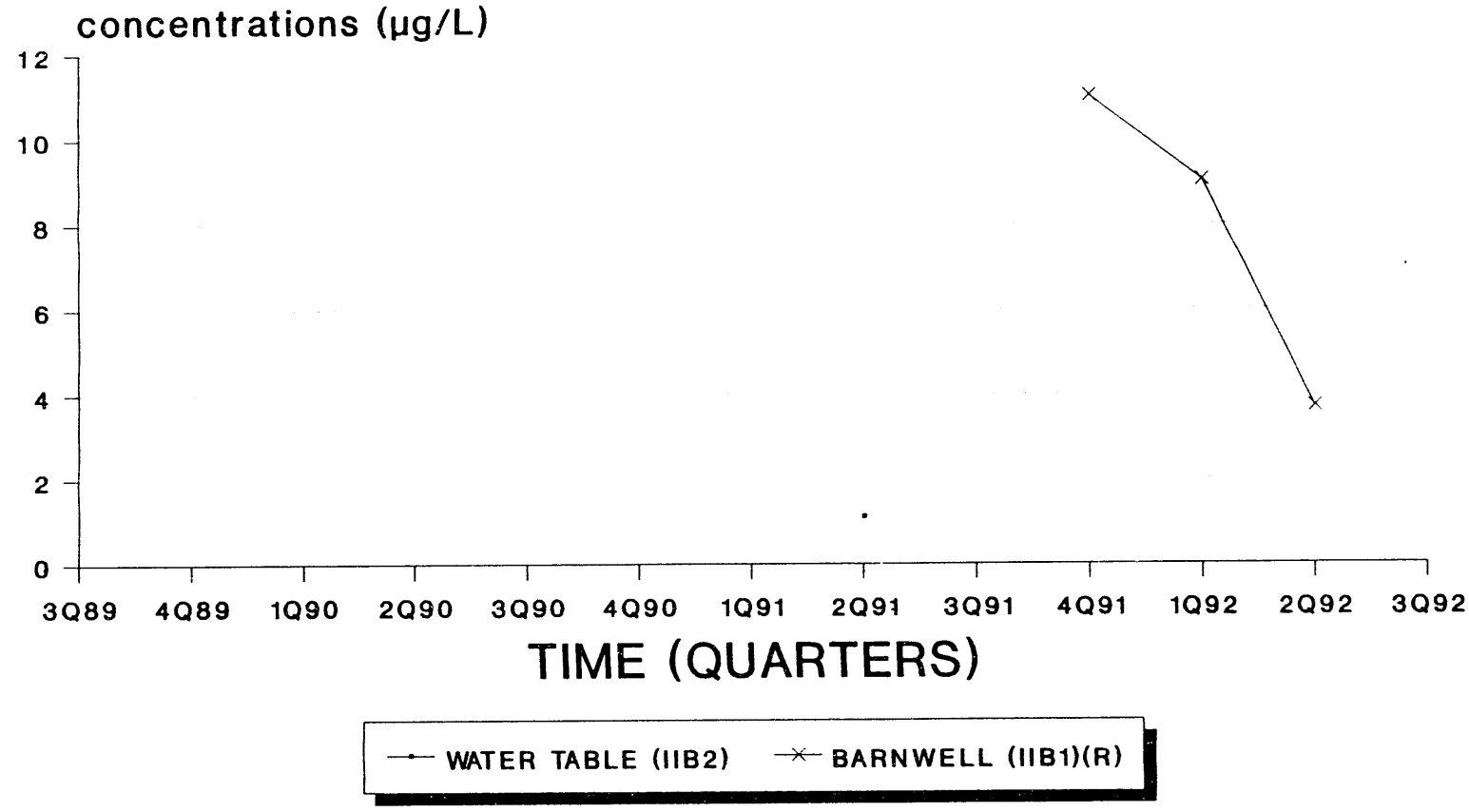
Trichloroethylene



PDWS 5 µg/L
empty space denotes no data or less than detection; (R) denotes replacement well

CLUSTER - BGO 13

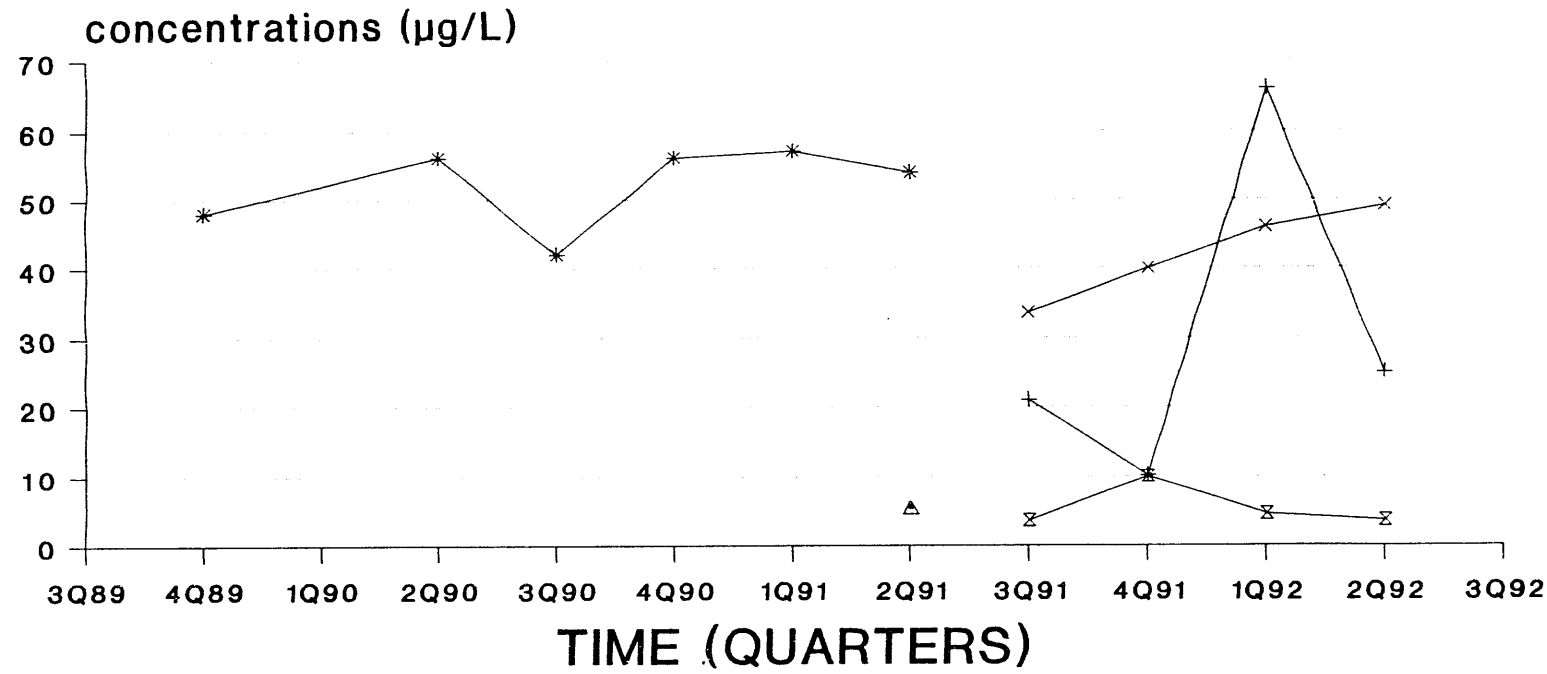
Trichloroethylene



PDWS 5 µg/L
empty space denotes no data or less than detection; (R) denotes replacement well

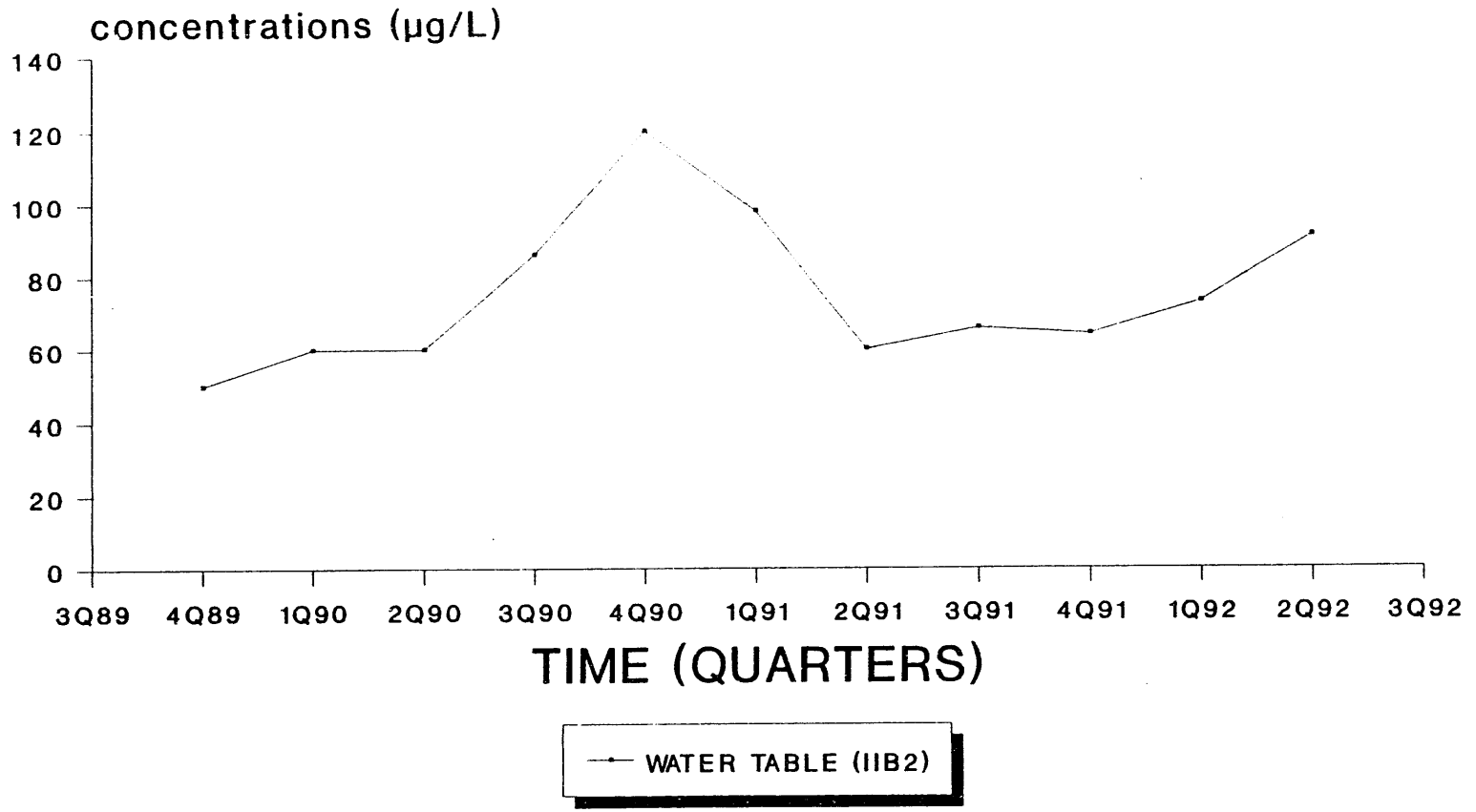
CLUSTER - BGO 14

Trichloroethylene



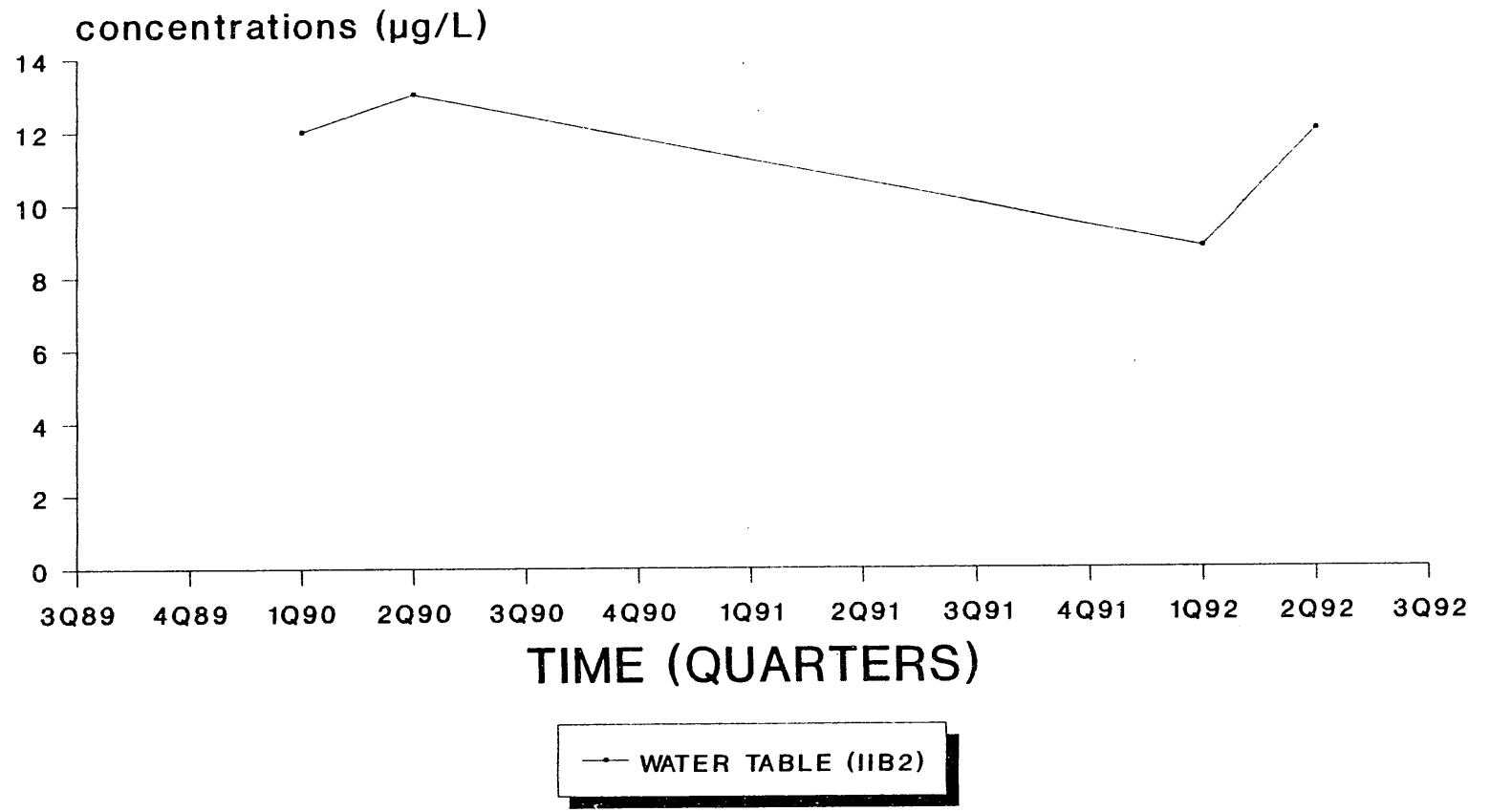
PDWS 5 µg/L
empty space denotes no data or less than detection; (R) denotes replacement well

BGO 15D
Trichloroethylene



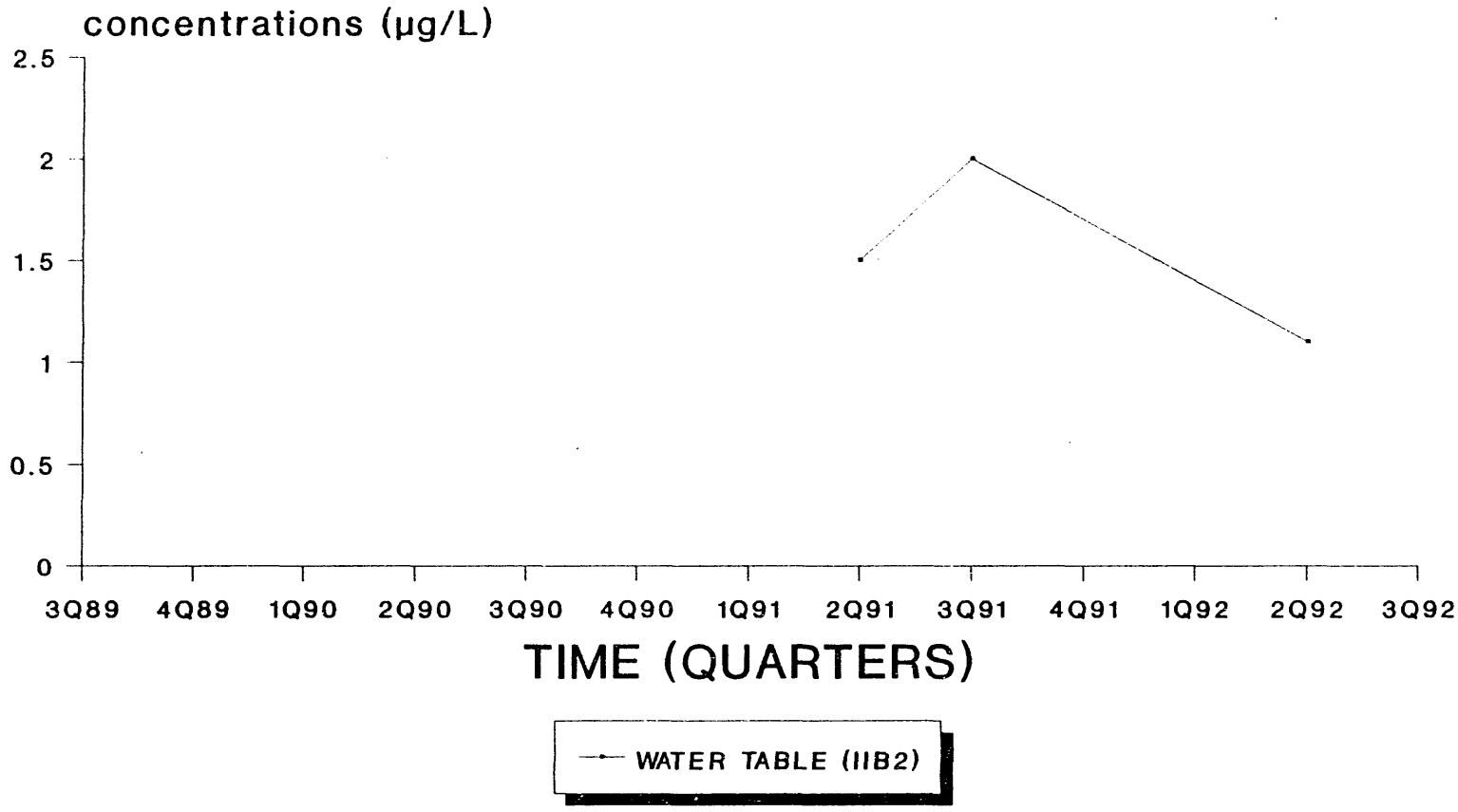
PDWS 5 µg/L
empty space denotes no data or less than detection

BGO 16D
Trichloroethylene



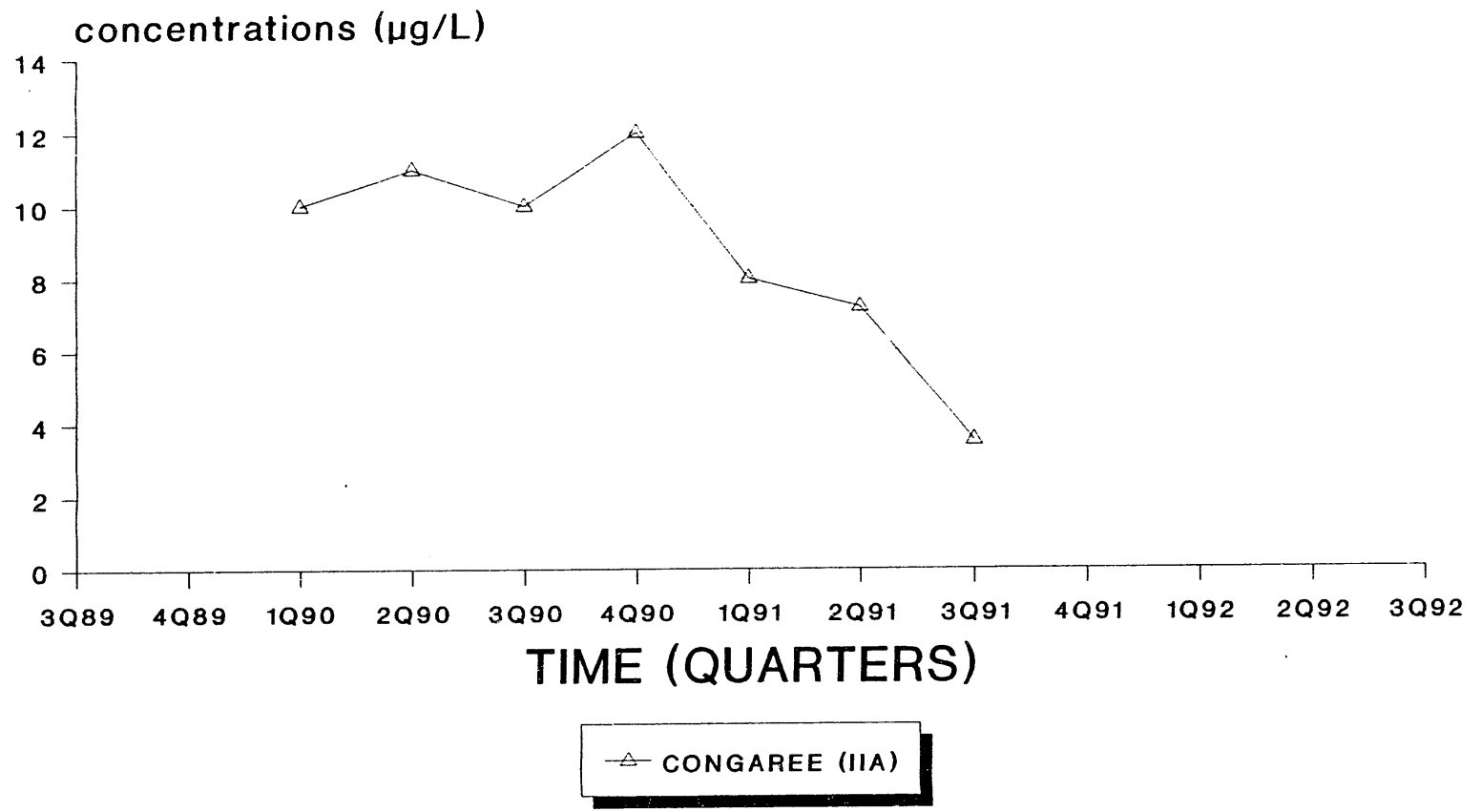
PDWS 5 µg/L
empty space denotes no data or less than detection

BGO 18D
Trichloroethylene



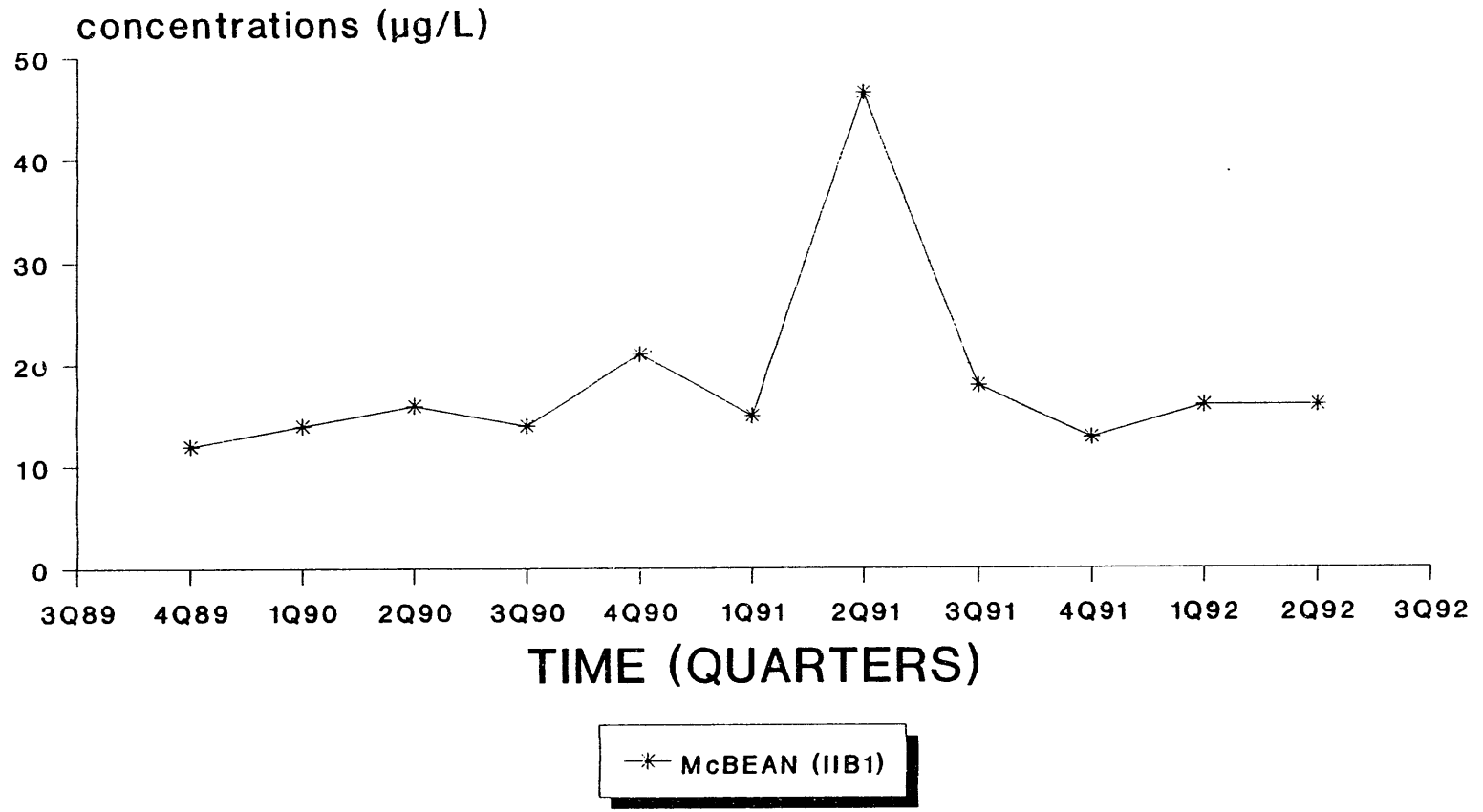
PDWS 5 µg/L
empty space denotes no data or less than detection

BGO 26A
Trichloroethylene



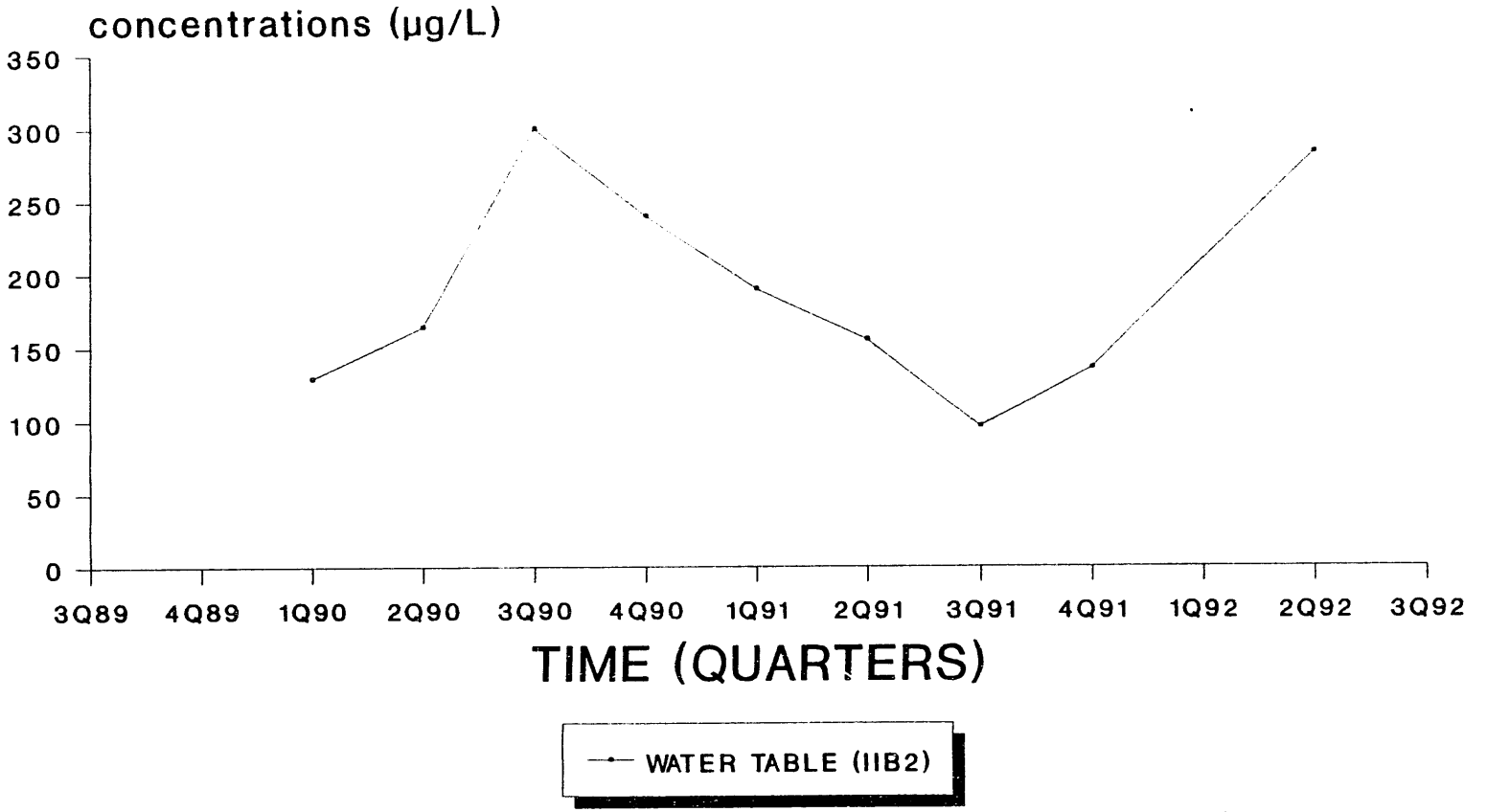
PDWS 5 µg/L
empty space denotes no data or less than detection

BGO 27C
Trichloroethylene



PDWS 5 µg/L
empty space denotes no data or less than detection

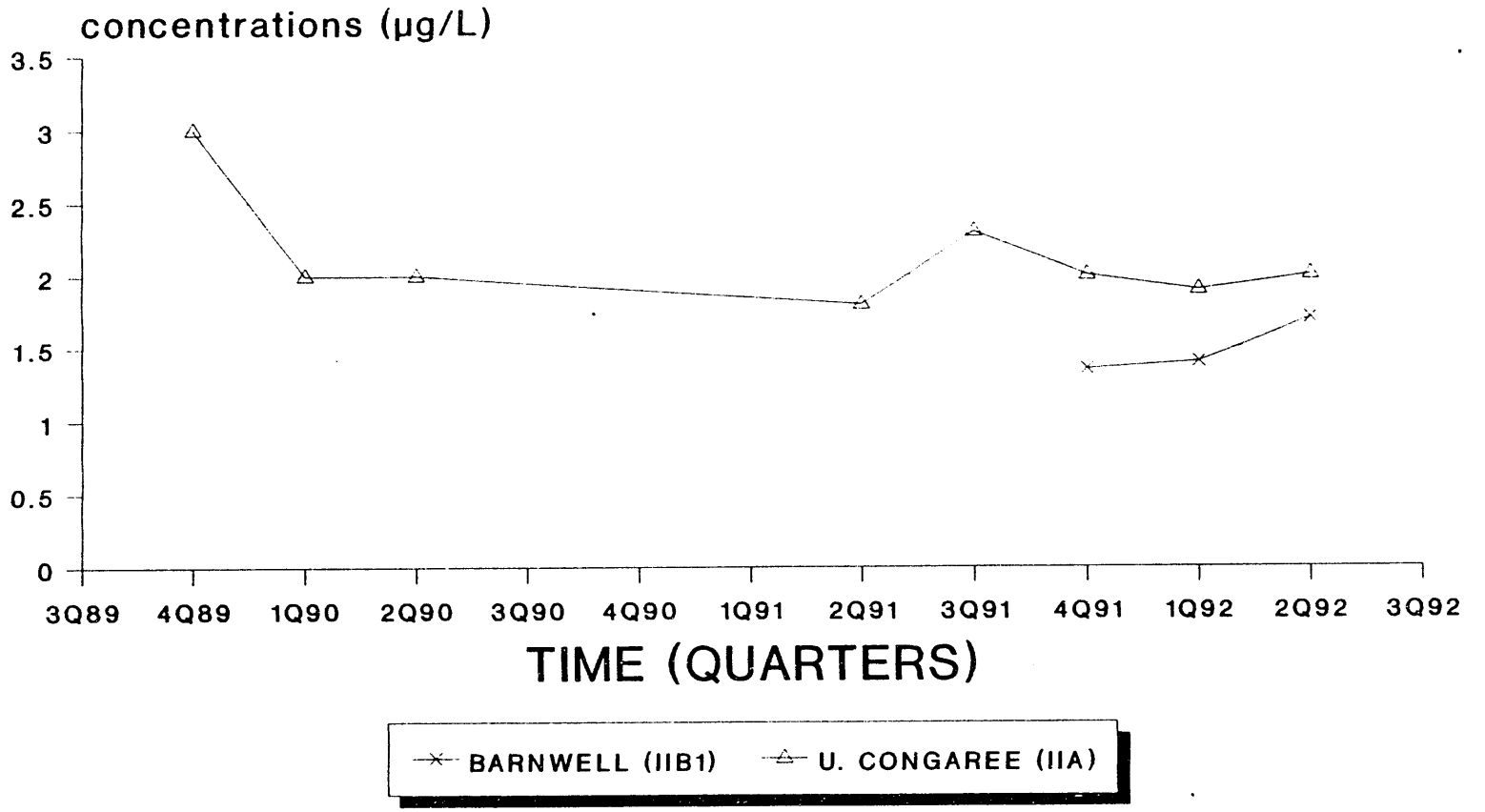
BGO 28D
Trichloroethylene



PDWS 5 µg/L
empty space denotes no data or less than detection

CLUSTER - BGO 29

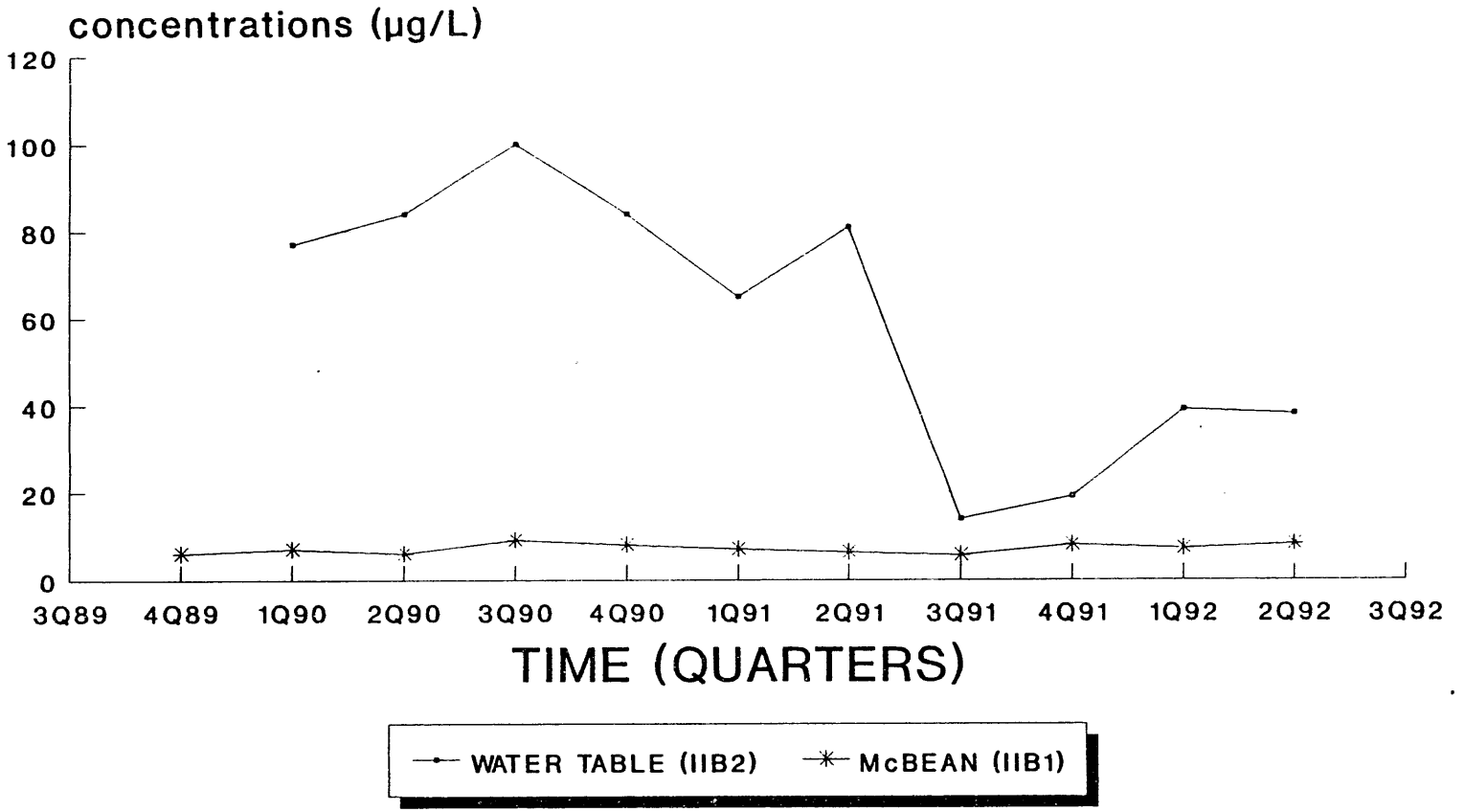
Trichloroethylene



PDWS 5 µg/L
empty space denotes no data or less than detection

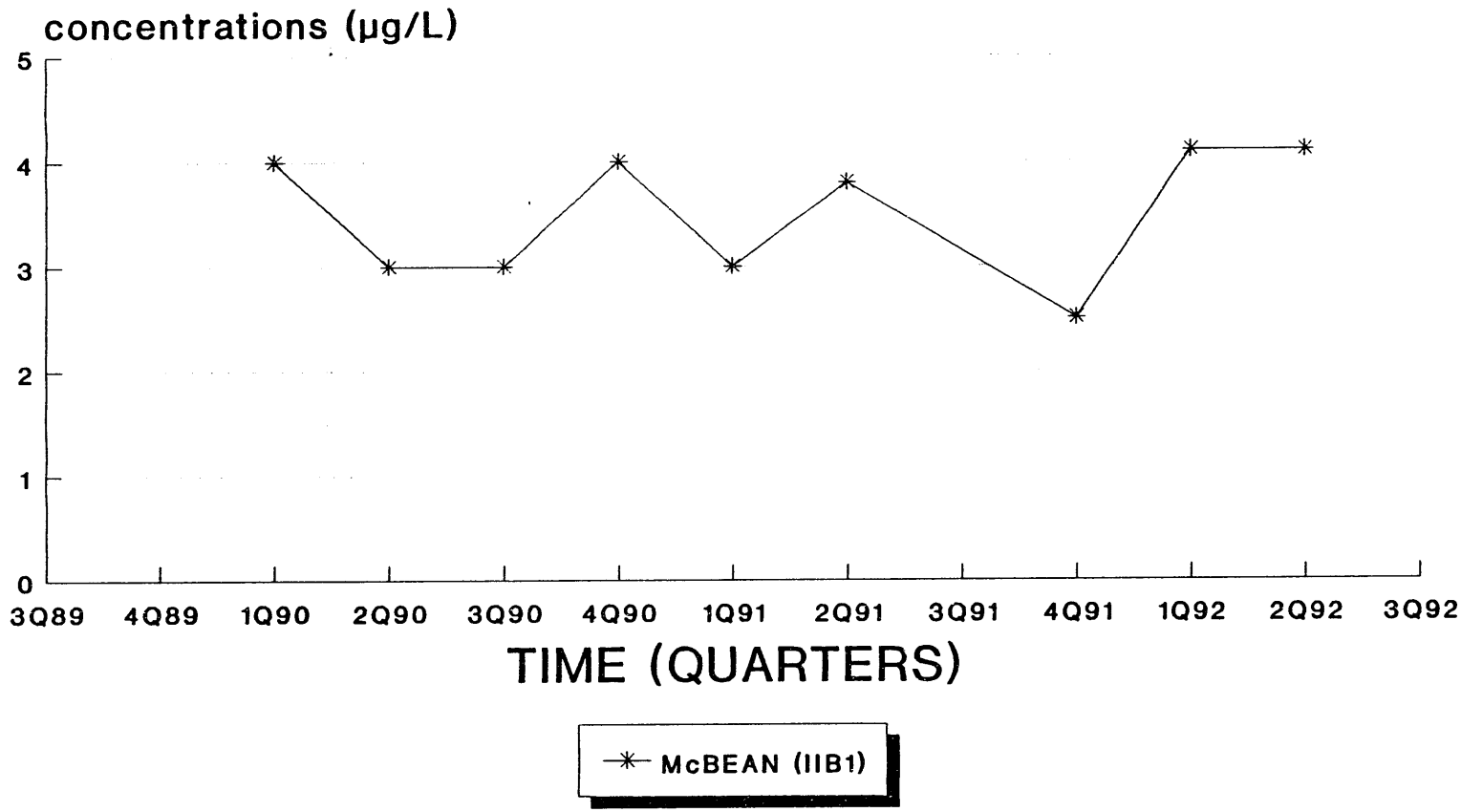
CLUSTER - BGO 30

Trichloroethylene



PDWS 5 µg/L
empty space denotes no data or less than detection

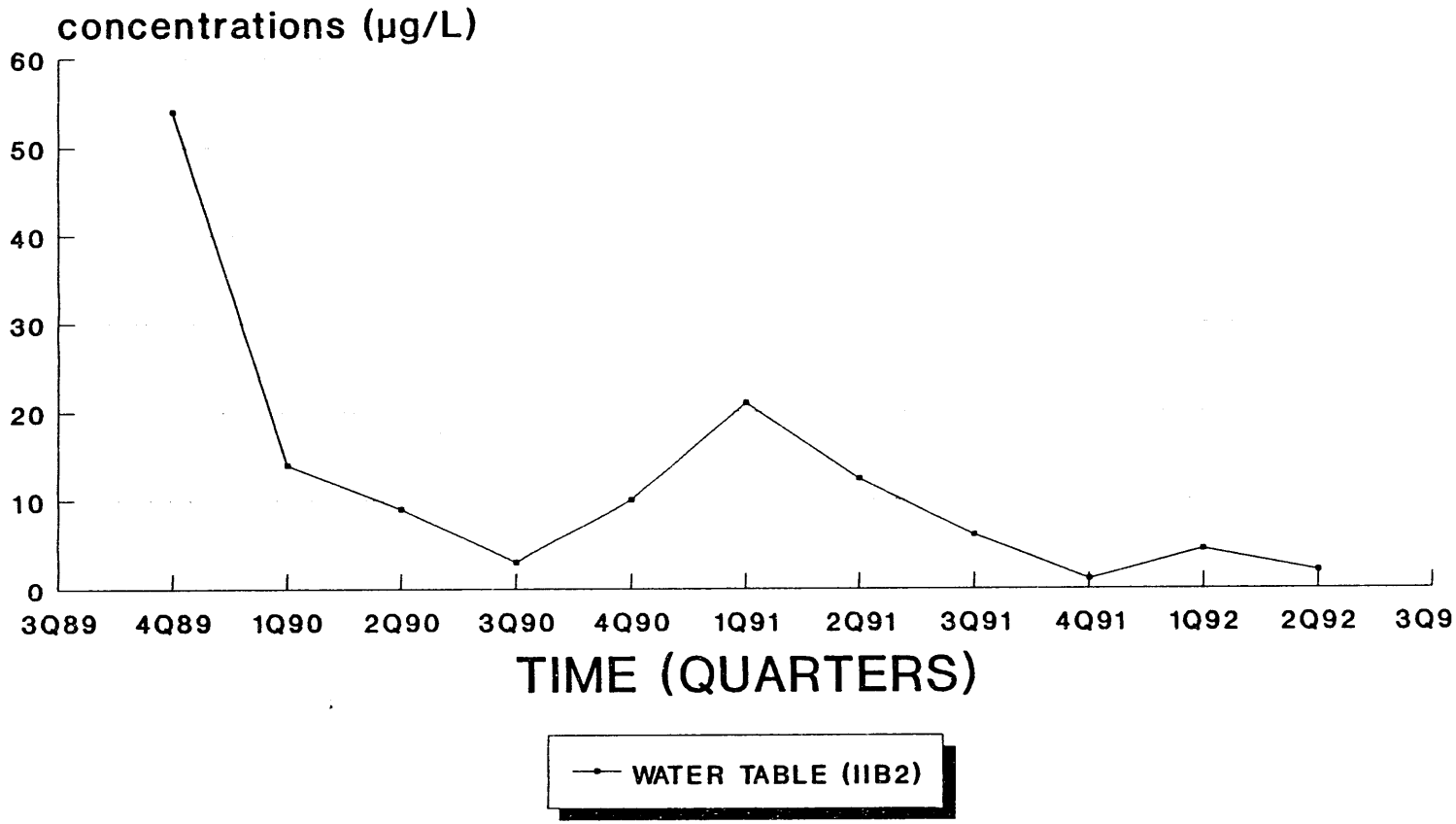
BGO 31C
Trichloroethylene



PDWS 5 µg/L
empty space denotes no data or less than detection

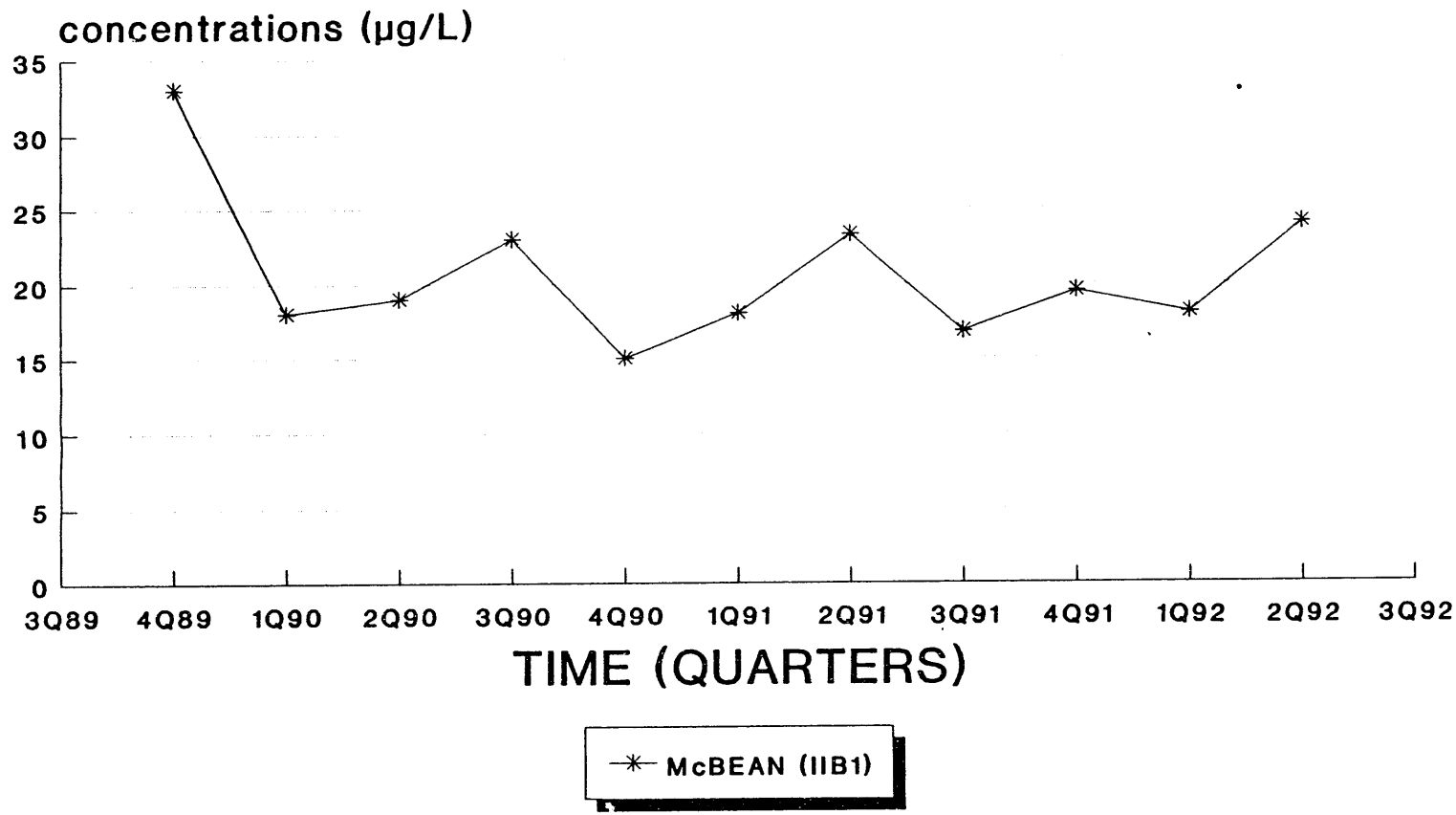
BGO 32D

Trichloroethylene



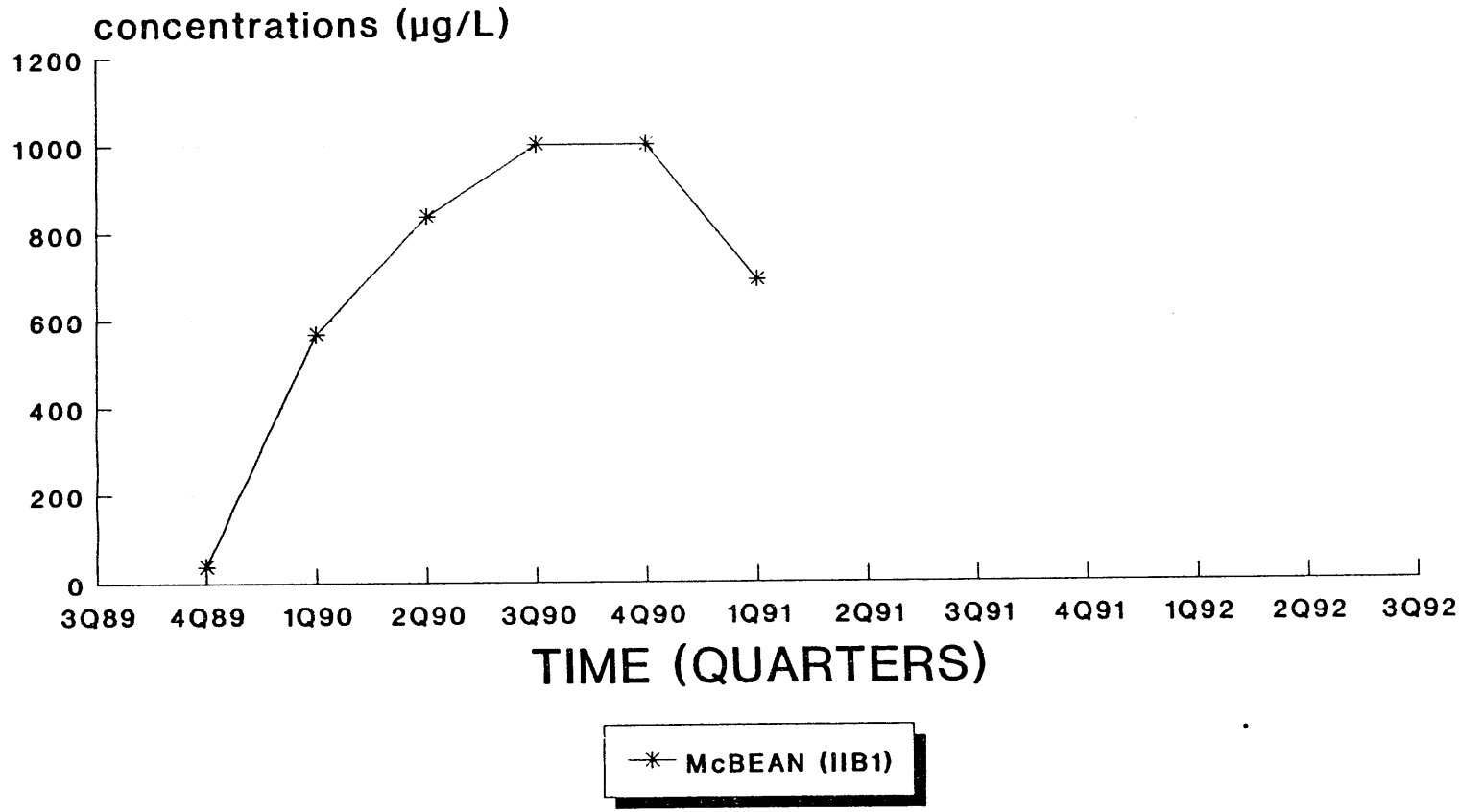
PDWS 5 µg/L
empty space denotes no data or less than detection

BGO 33C
Trichloroethylene



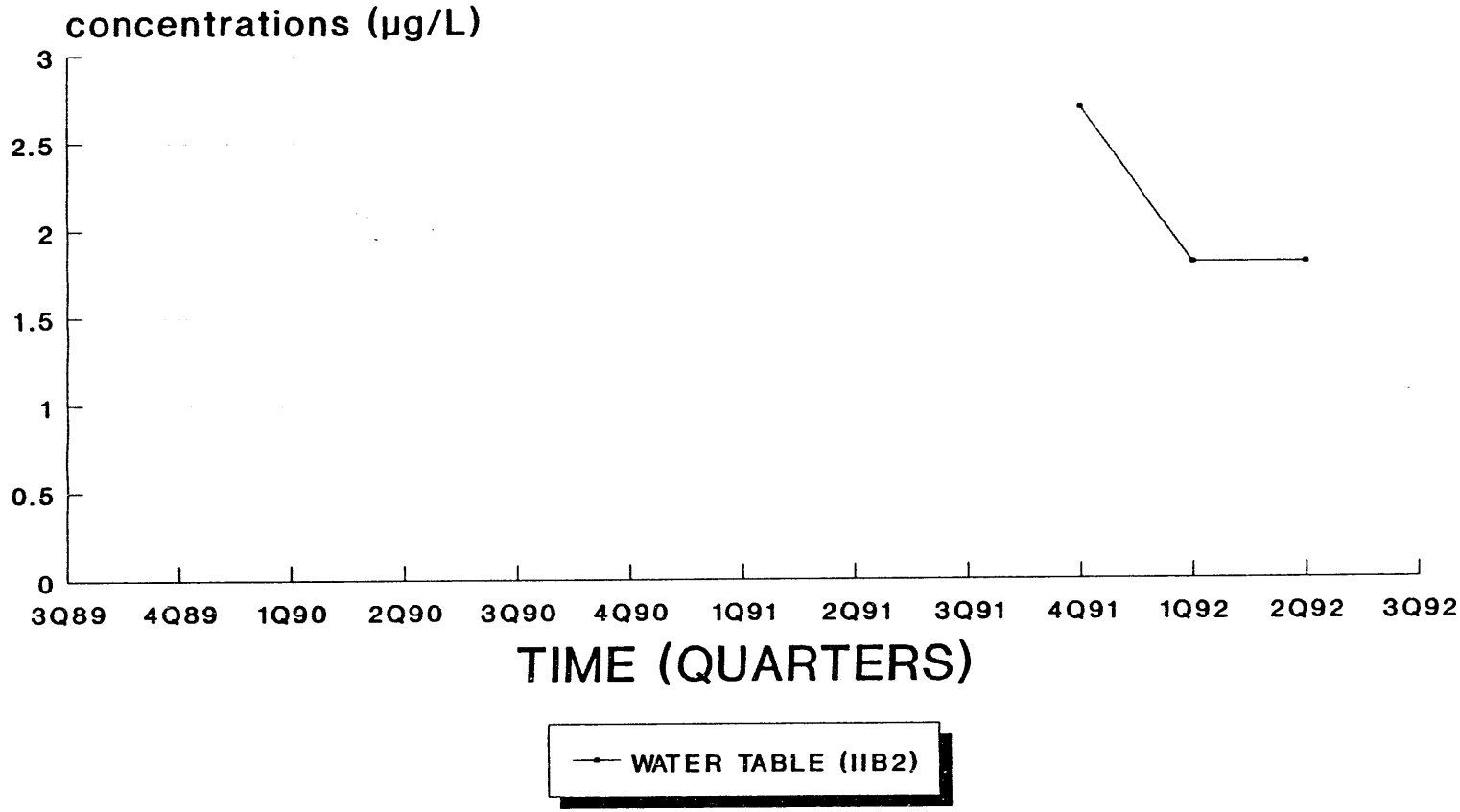
PDWS 5 µg/L
empty space denotes no data or less than detection

BGO 37C
Trichloroethylene



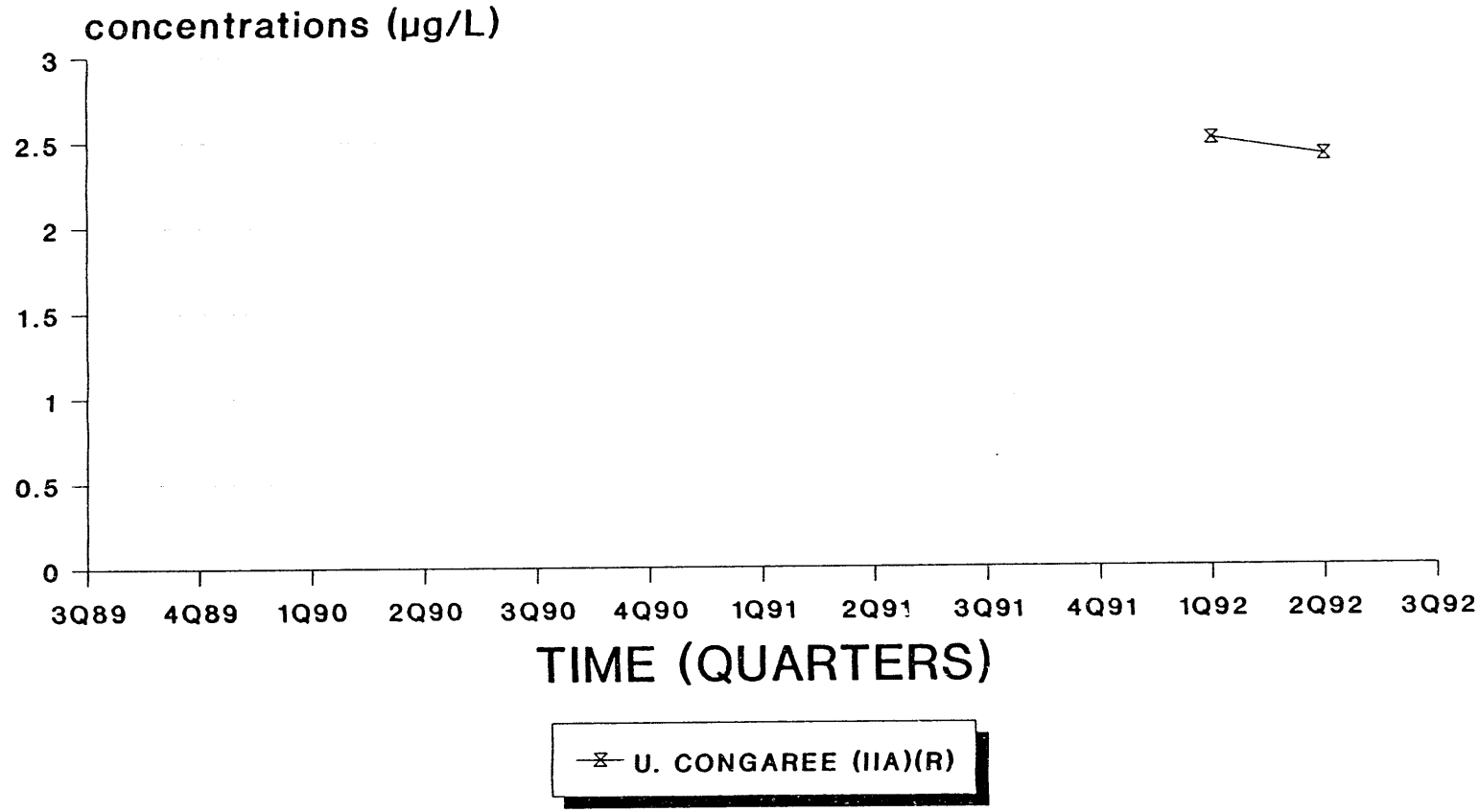
PDWS 5 µg/L
empty space denotes no data or less than detection

BGO 40D
Trichloroethylene



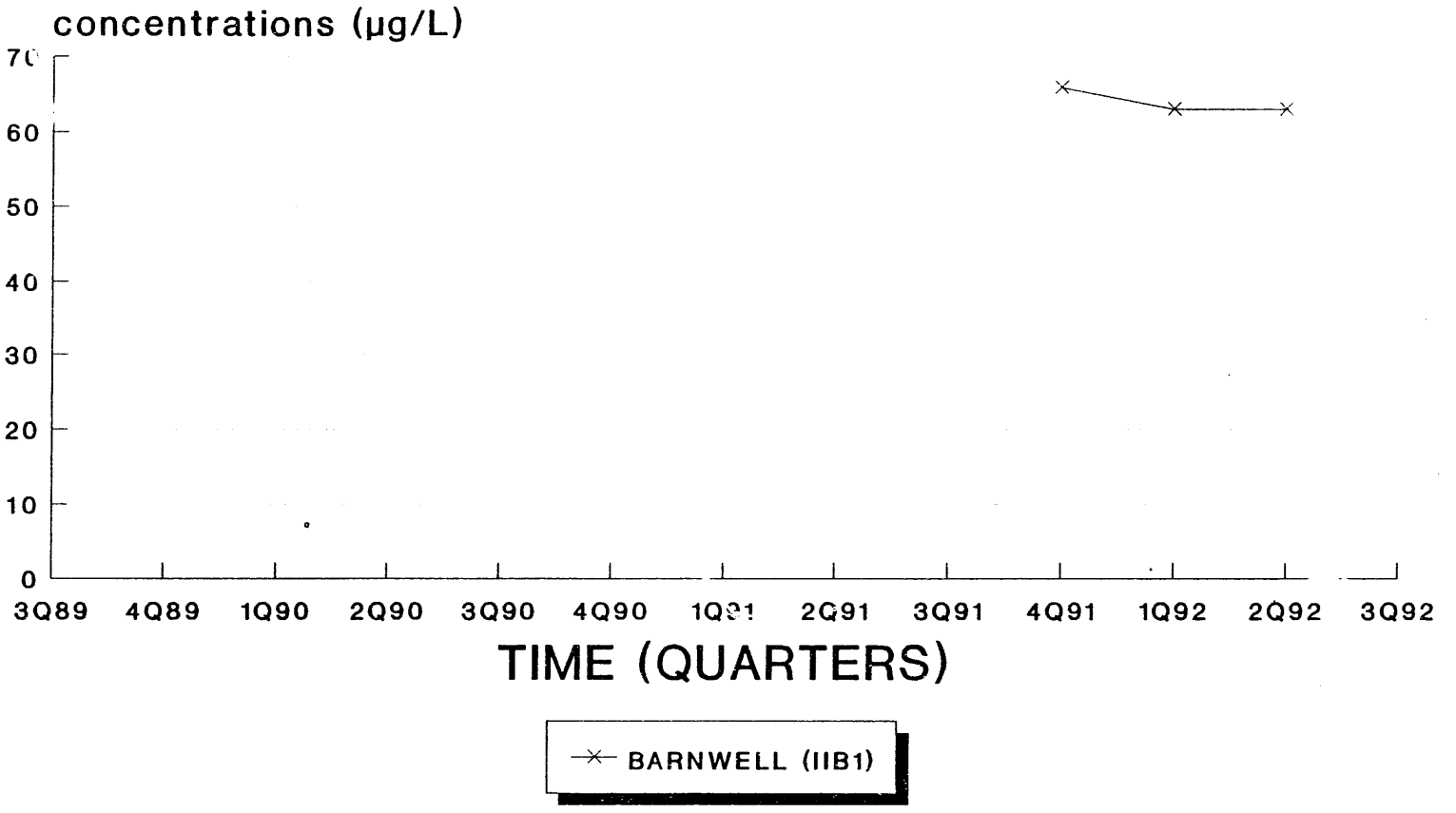
PDWS 5 µg/L
empty space denotes no data or less than detection

BGO 41A
Trichloroethylene



PDWS 5 µg/L
empty space denotes no data or less than detection; (R) denotes replacement well

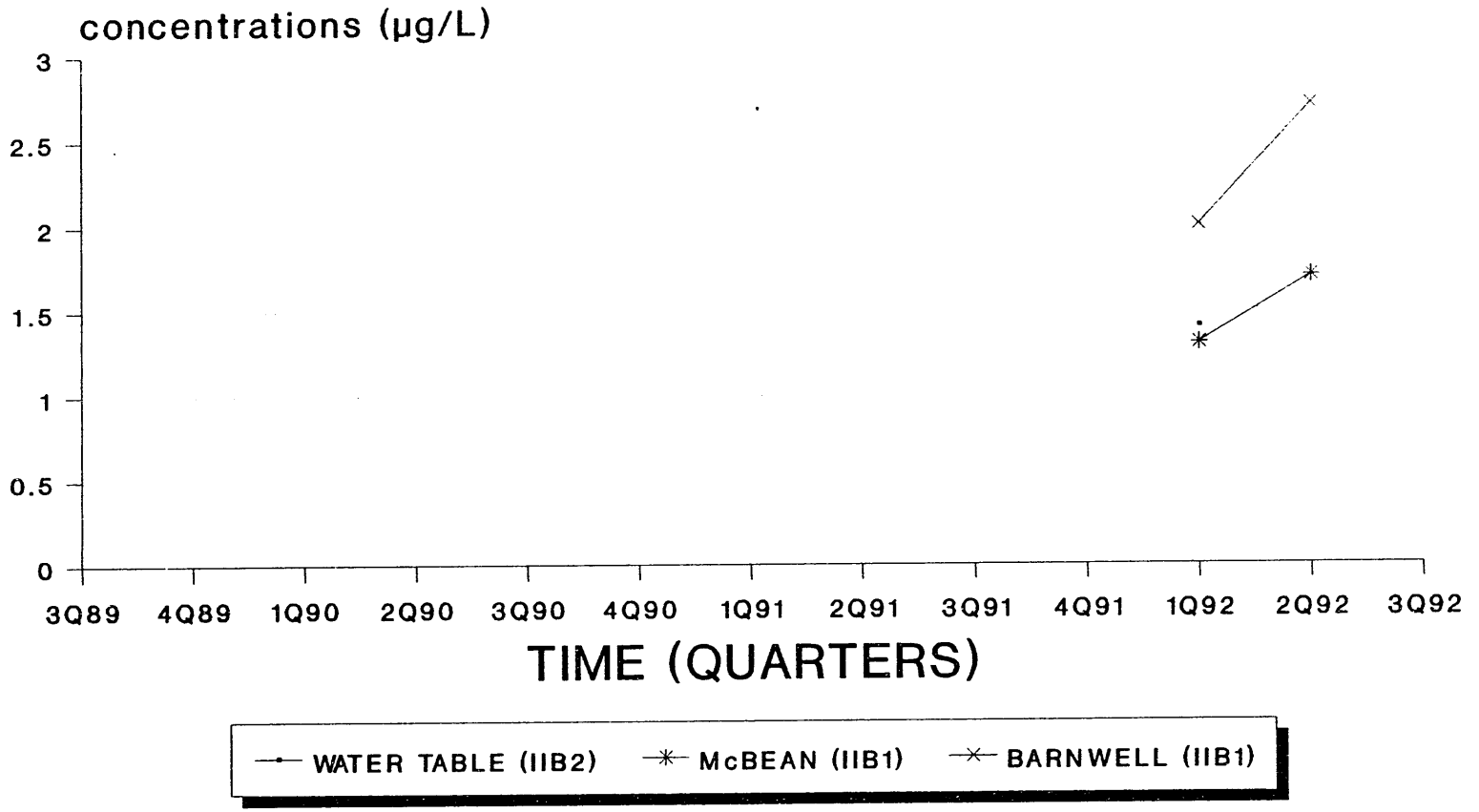
BGO 42C
Trichloroethylene



PDWS 5 µg/L
empty space denotes no data or less than detection

CLUSTER - BGO 44

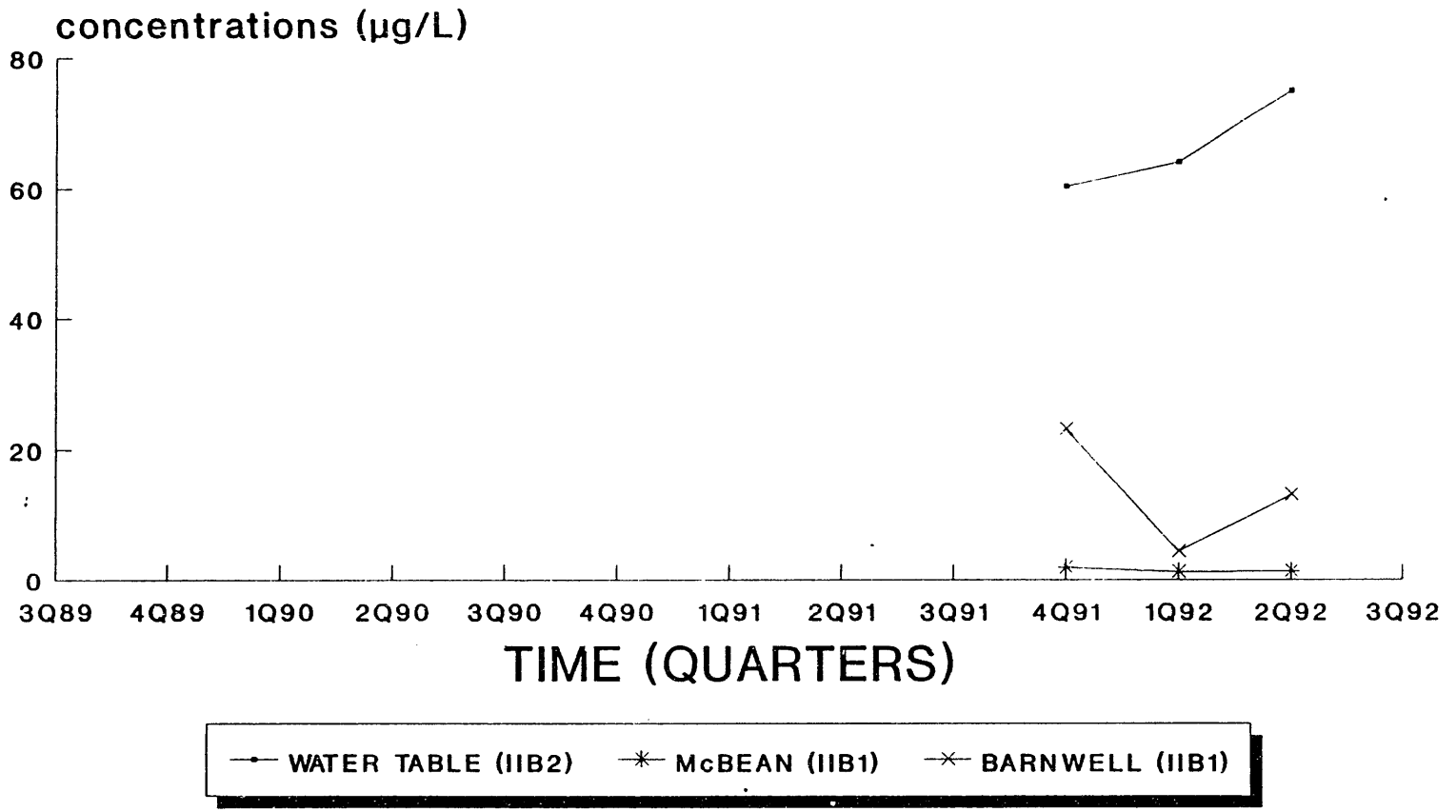
Trichloroethylene



PDWS 5 µg/L
empty space denotes no data or less than detection; (R) denotes replacement well

CLUSTER - BGO 46

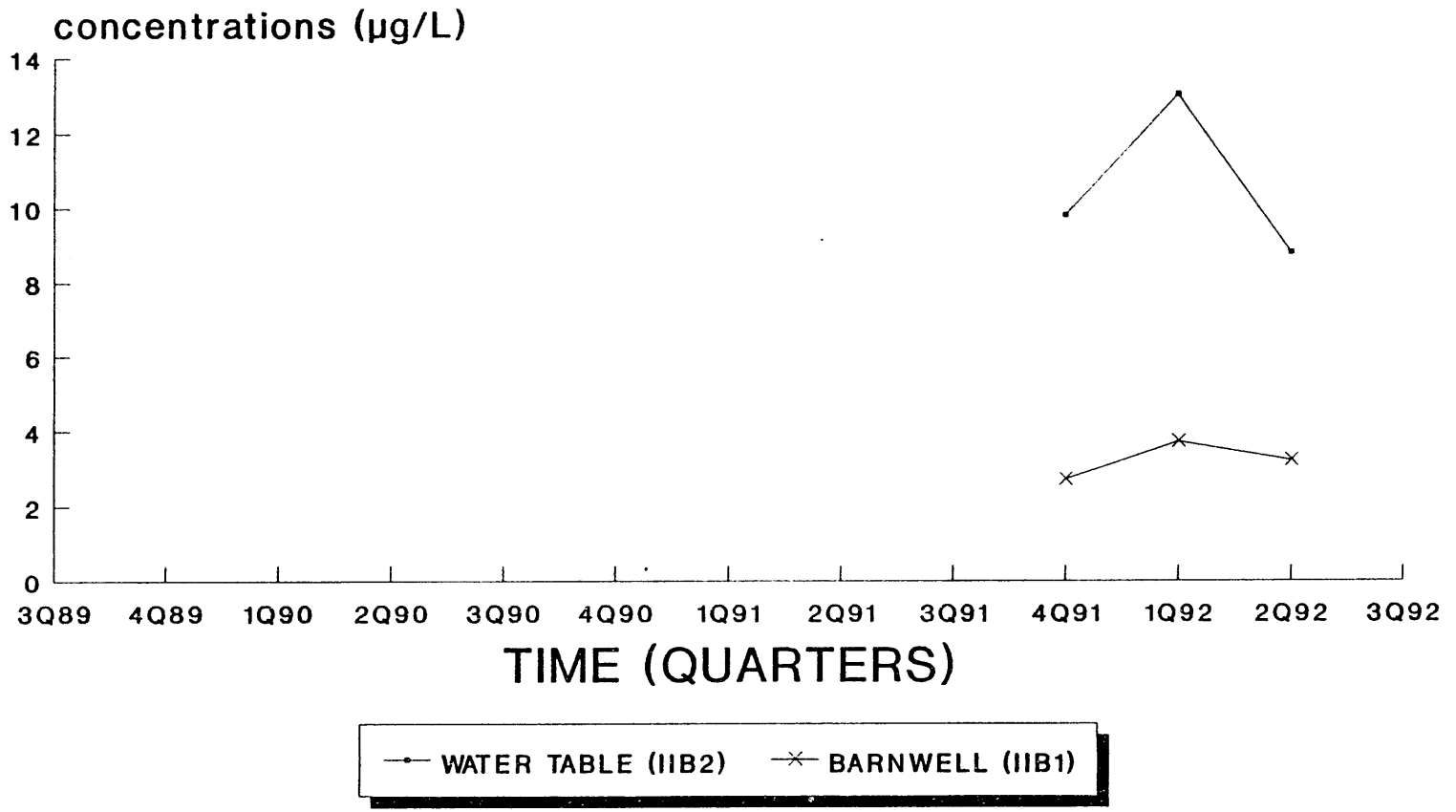
Trichloroethylene



PDWS 5 µg/L
empty space denotes no data or less than detection

CLUSTER - BGO 47

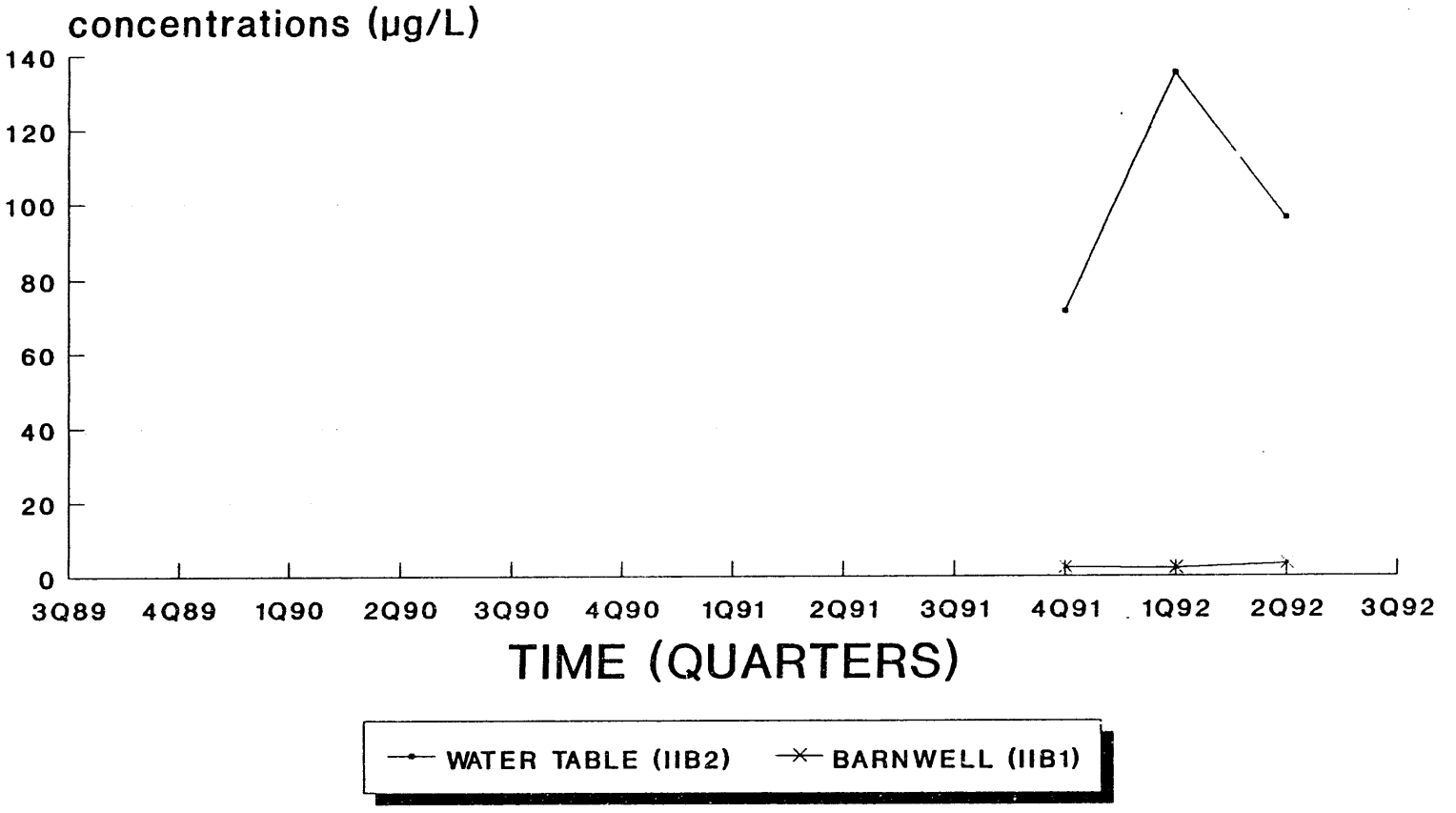
Trichloroethylene



PDWS 5 µg/L
empty space denotes no data or less than detection

CLUSTER - BGO 48

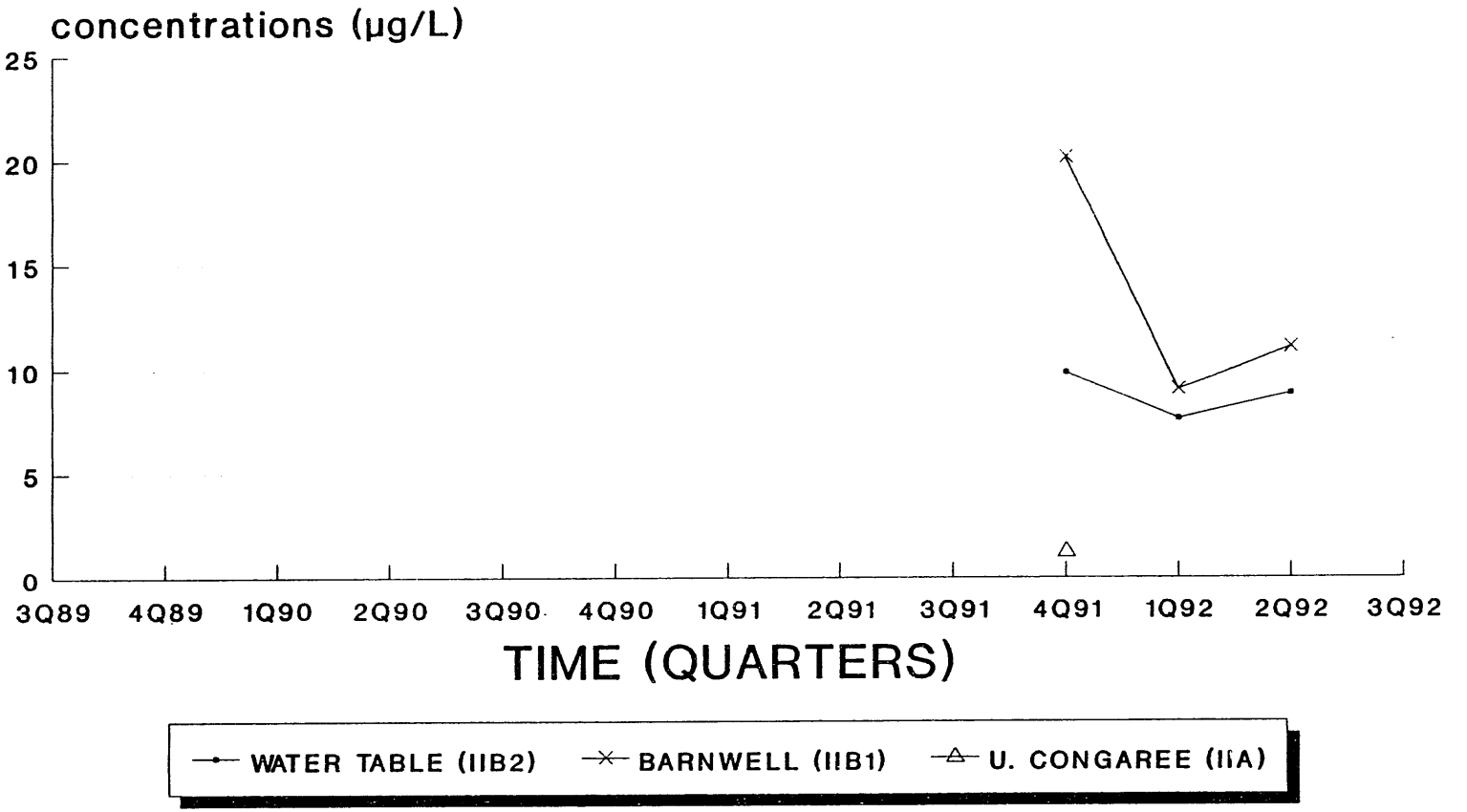
Trichloroethylene



PDWS 5 µg/L
empty space denotes no data or less than detection

CLUSTER - BGO 50

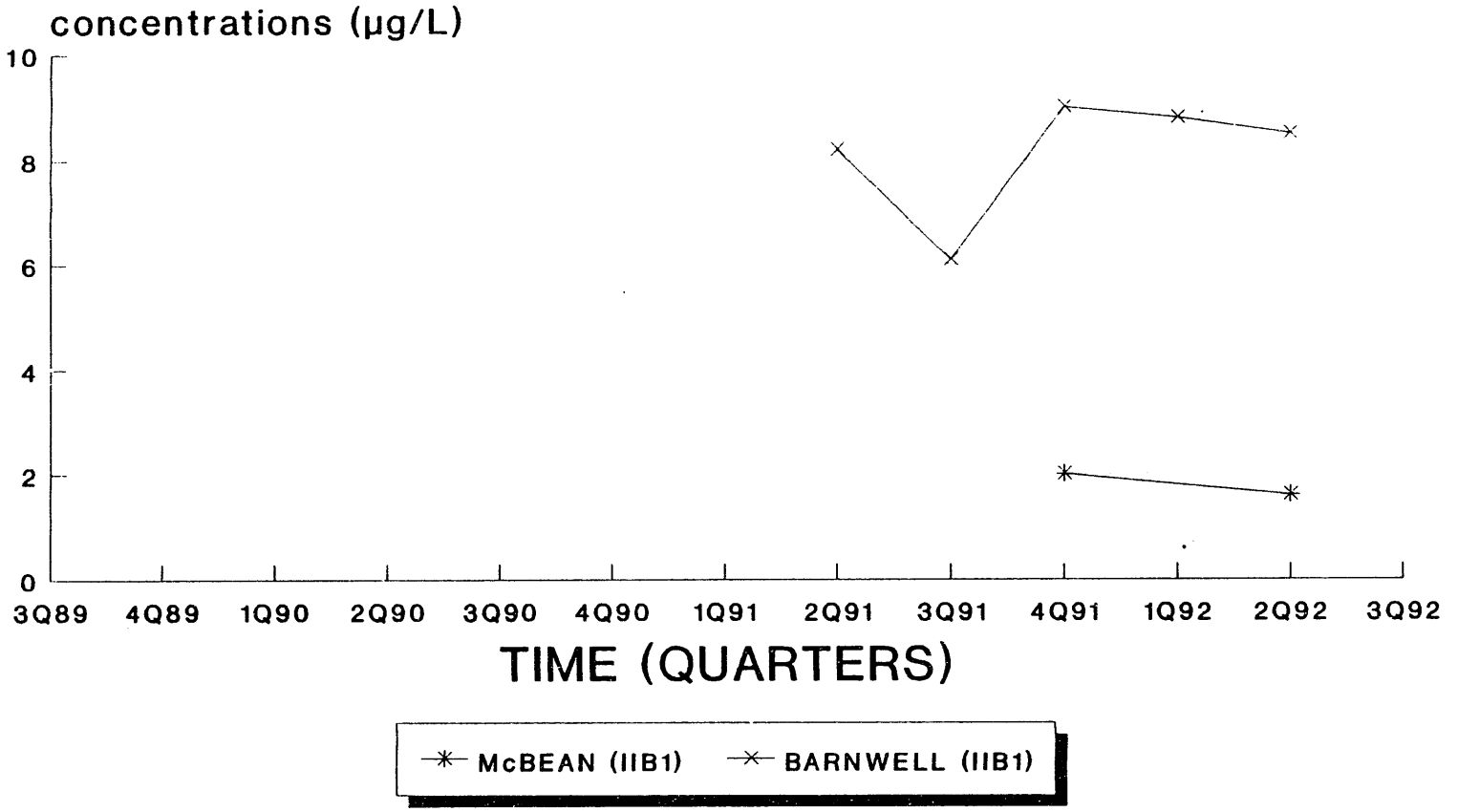
Trichloroethylene



PDWS 5 µg/L
empty space denotes no data or less than detection

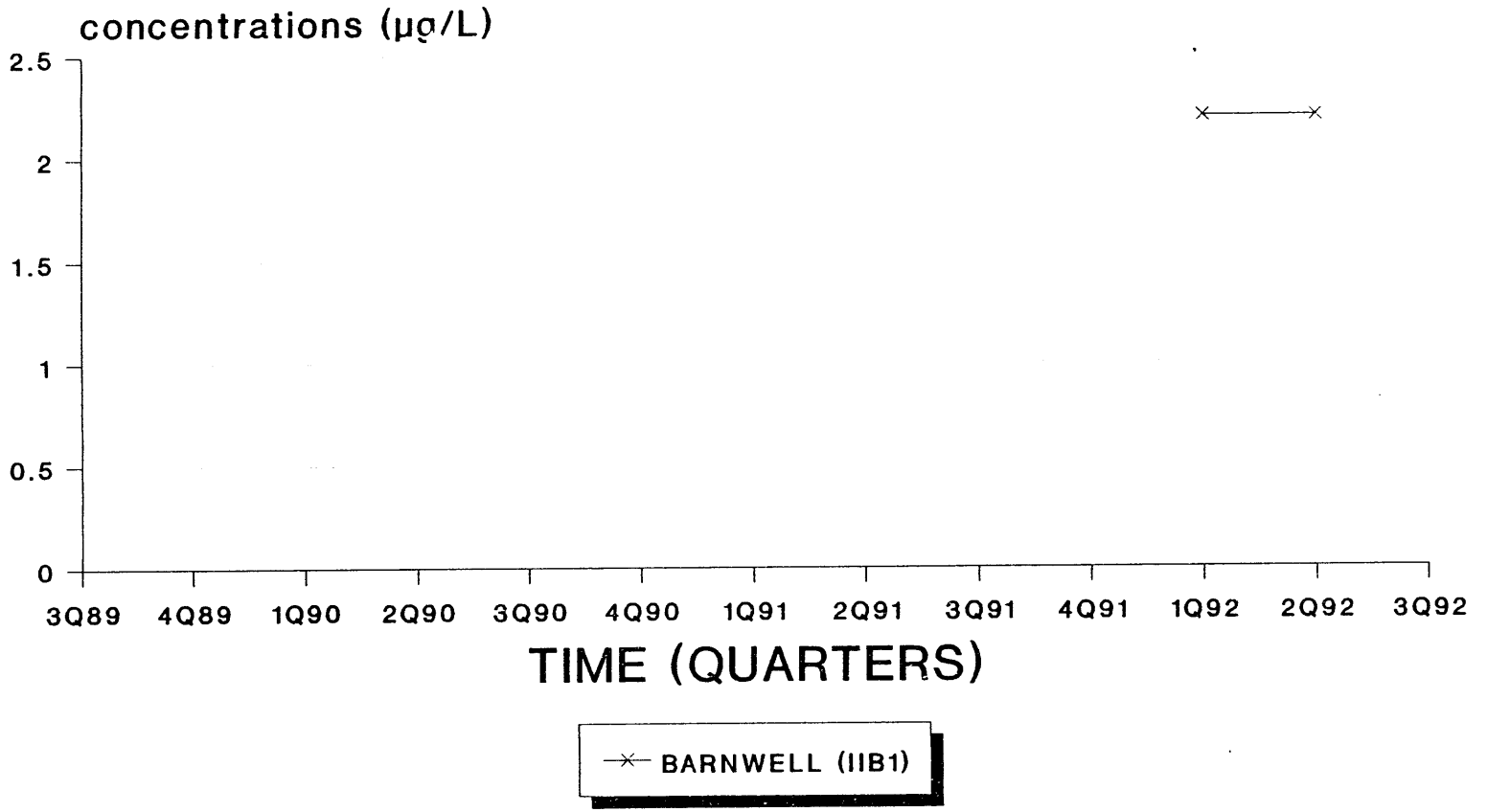
CLUSTER - BGX 2

Trichloroethylene



PDWS 5 µg/L
empty space denotes no data or less than detection

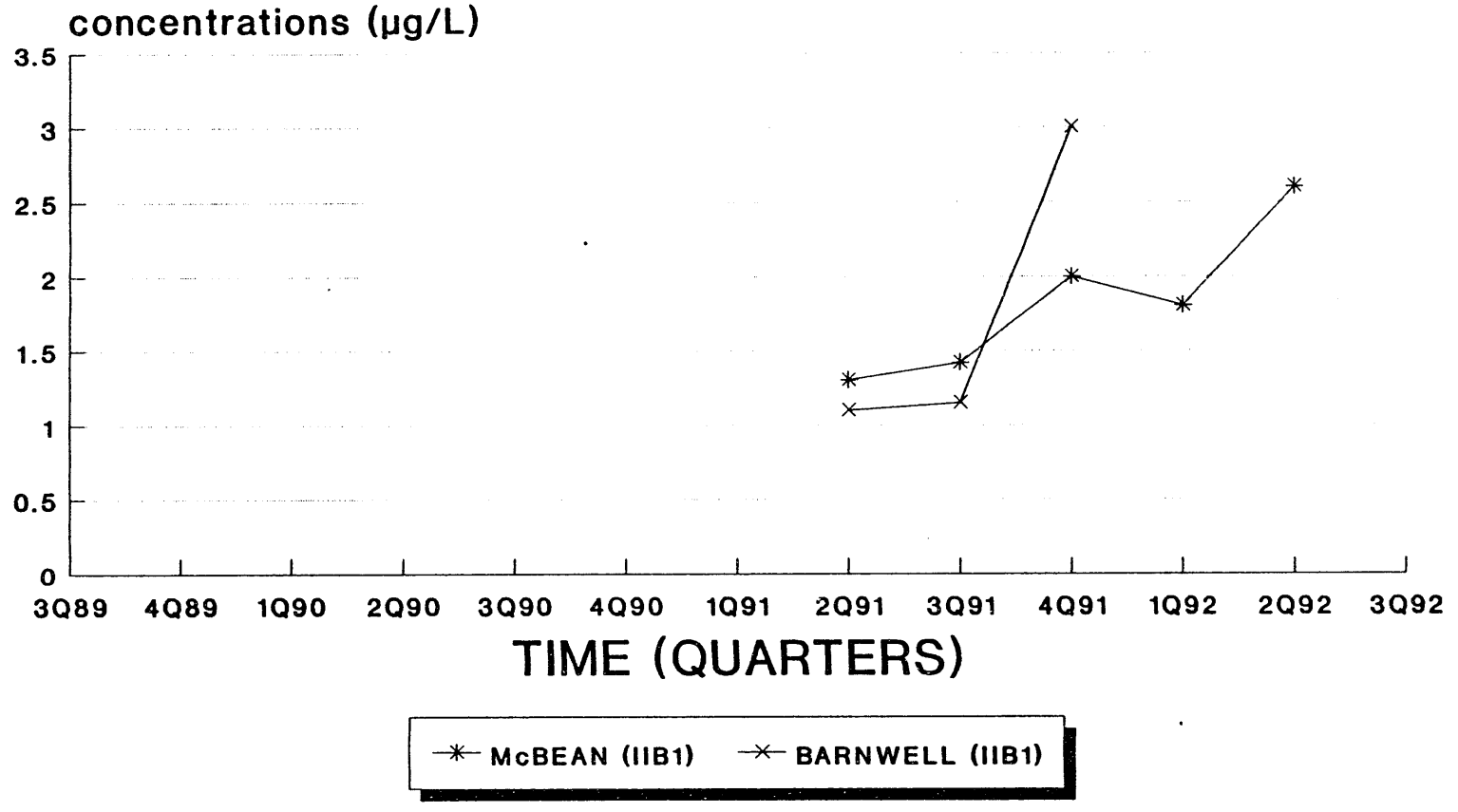
BGX 3D
Trichloroethylene



PDWS 5 µg/L
empty space denotes no data or less than detection

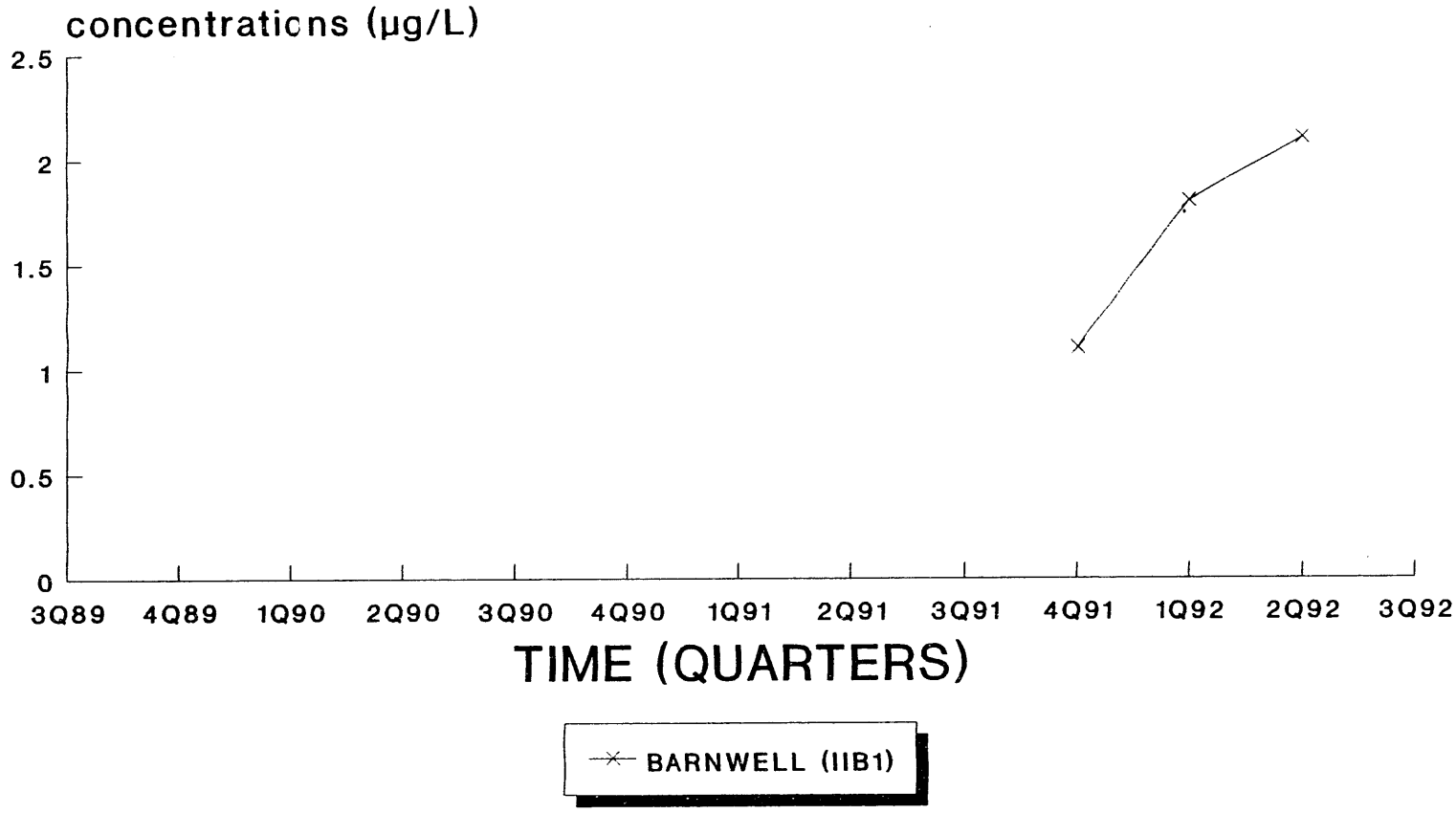
CLUSTER - BGX 4

Trichloroethylene



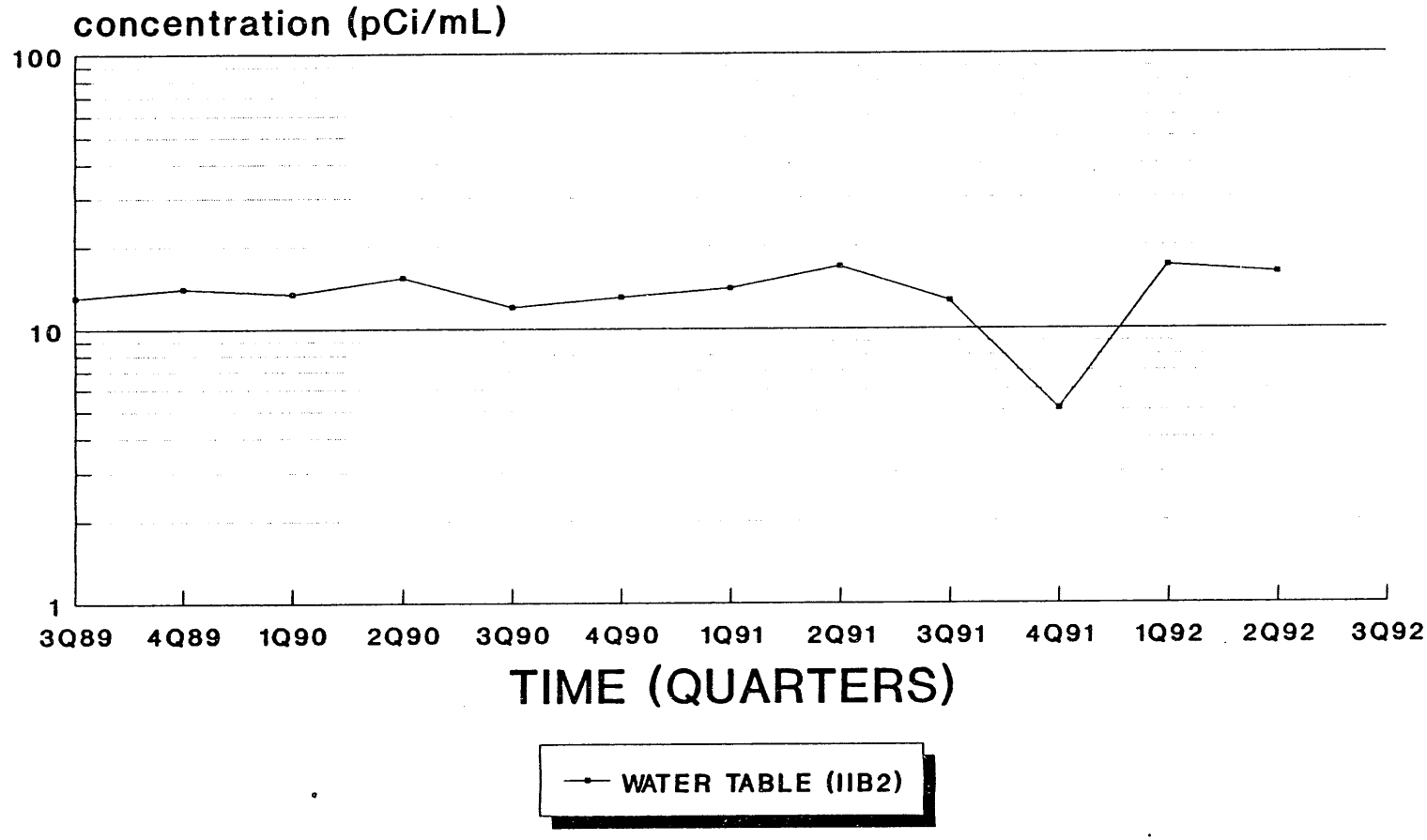
PDWS 5 µg/L
empty space denotes no data or less than detection

BGX 8DR
Trichloroethylene



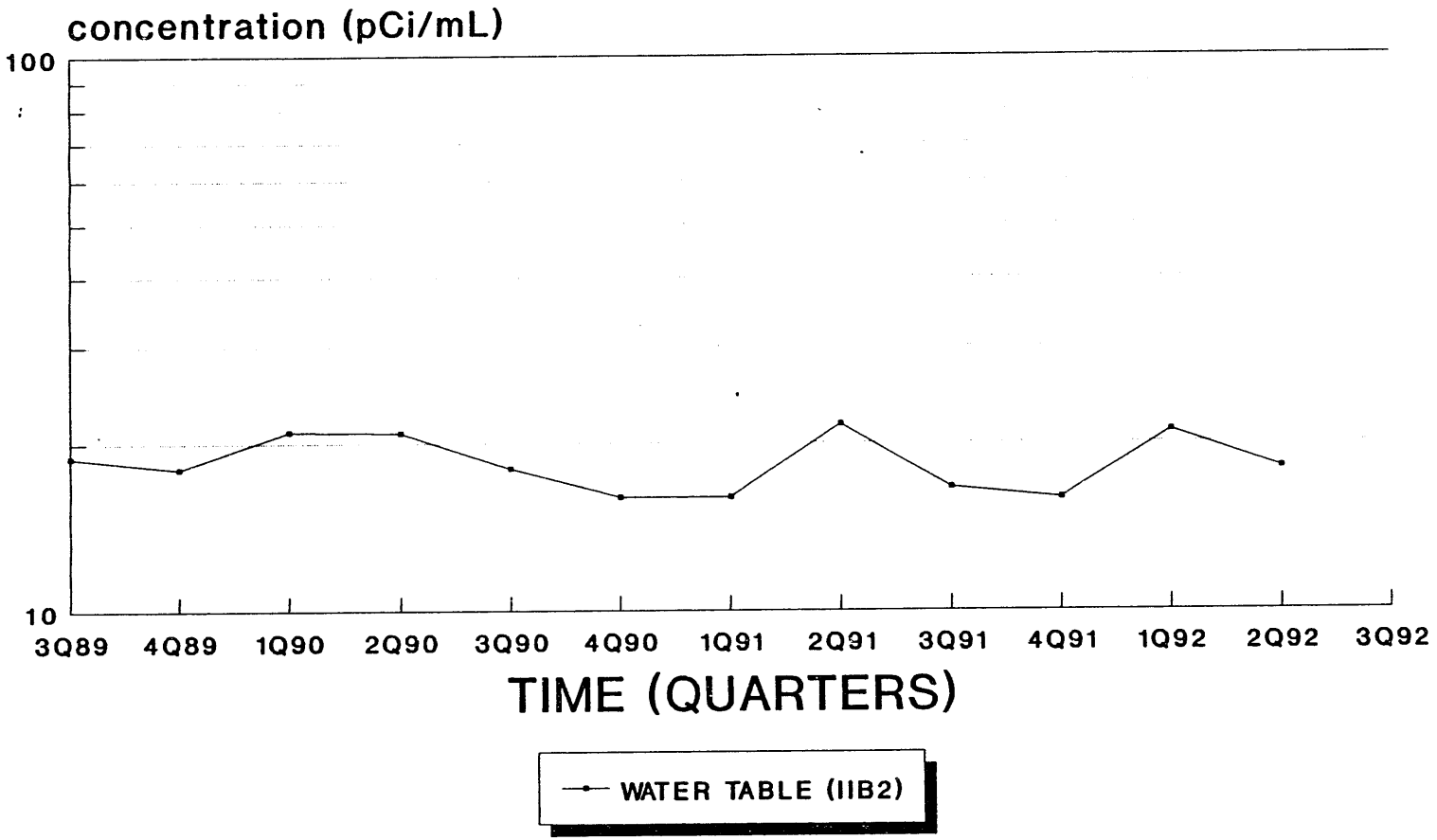
PDWS 5 µg/L
empty space denotes no data or less than detection

BGO 1D
Tritium



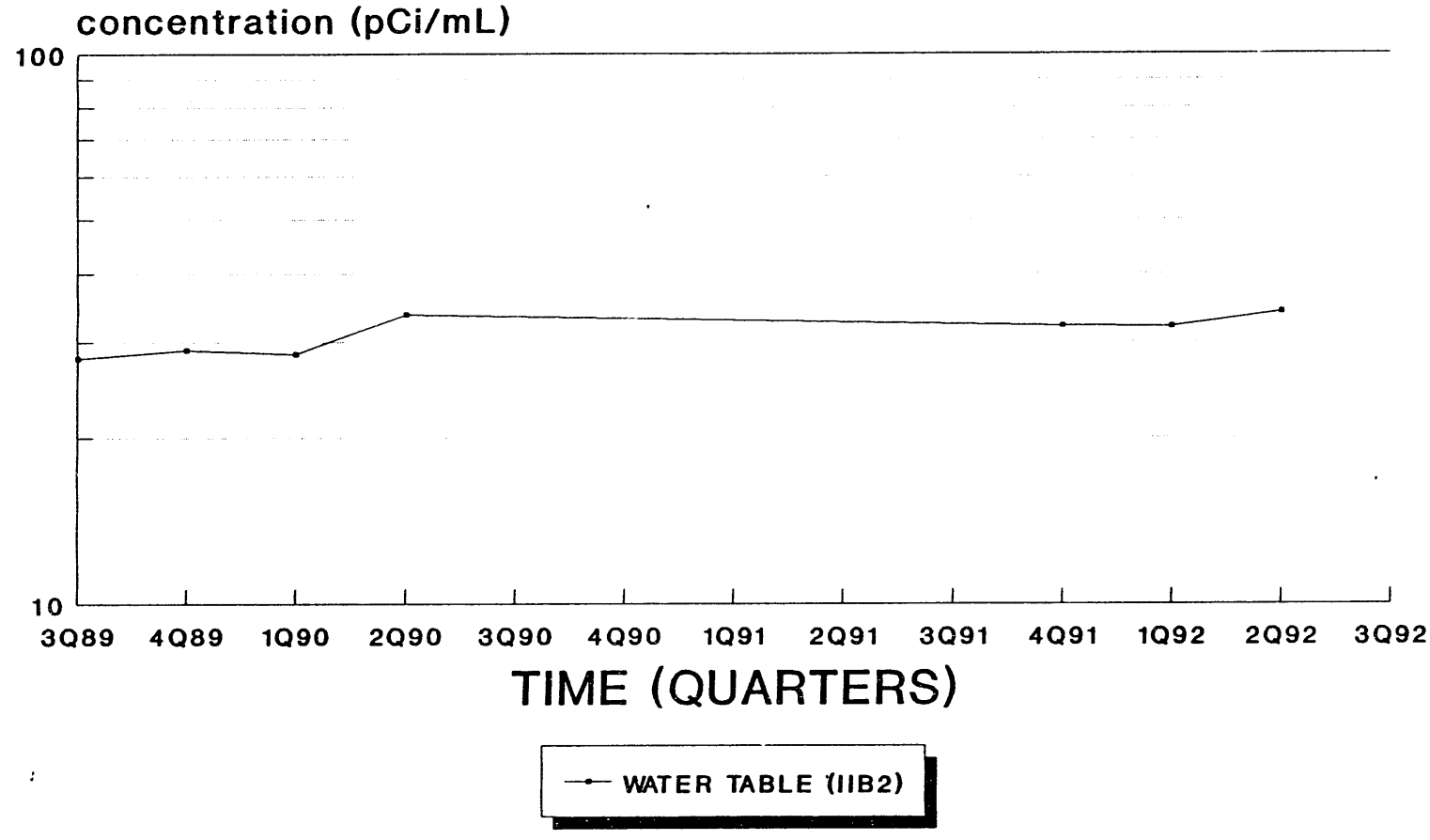
PDWS 20 pCi/mL
empty space denotes no data or dry well

BGO 2D
Tritium



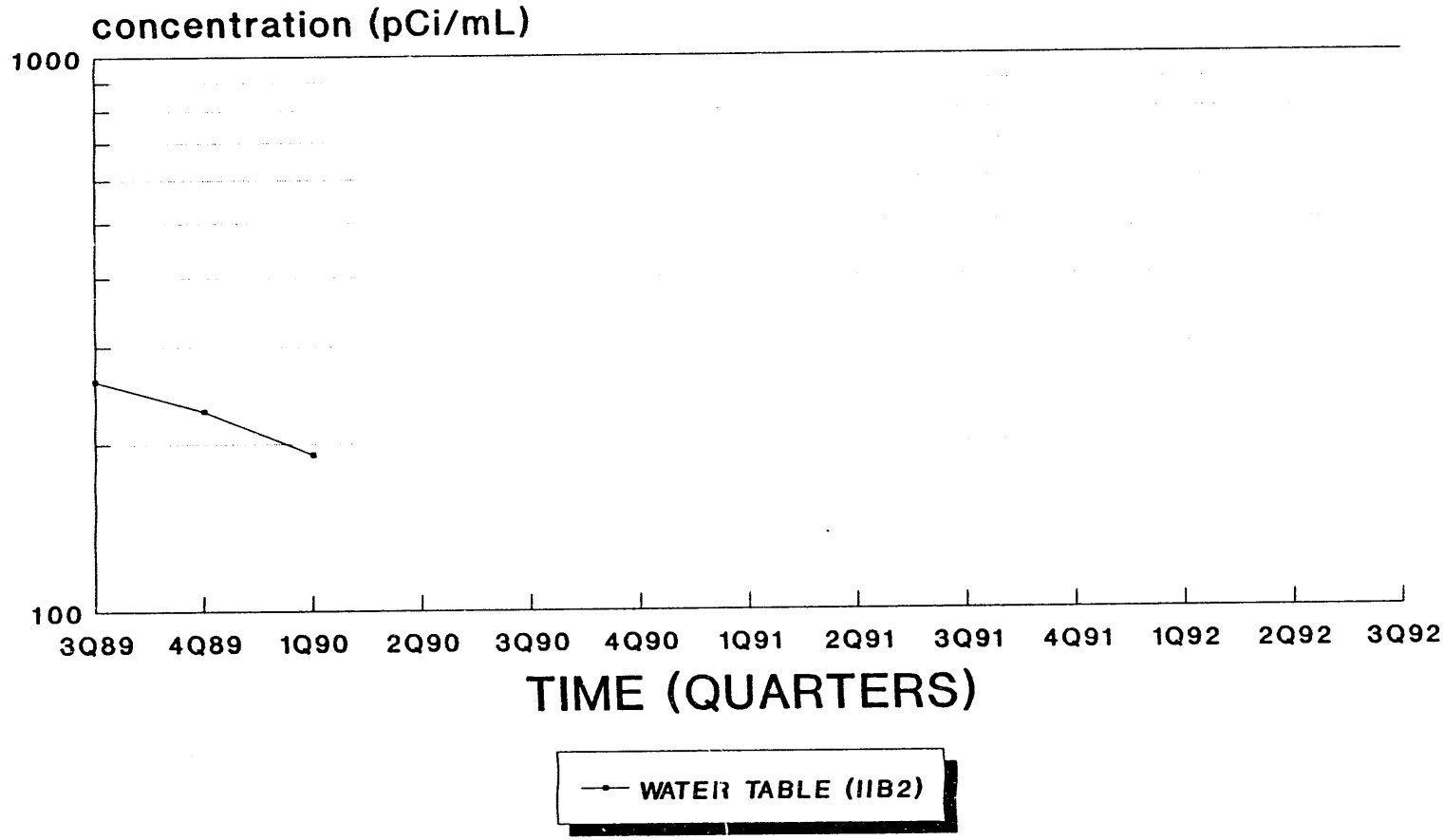
PDWS 20 pCi/mL
empty space denotes no data or dry well

BGO 3D
Tritium



PDWS 20 pCi/mL
empty space denotes no data or dry well

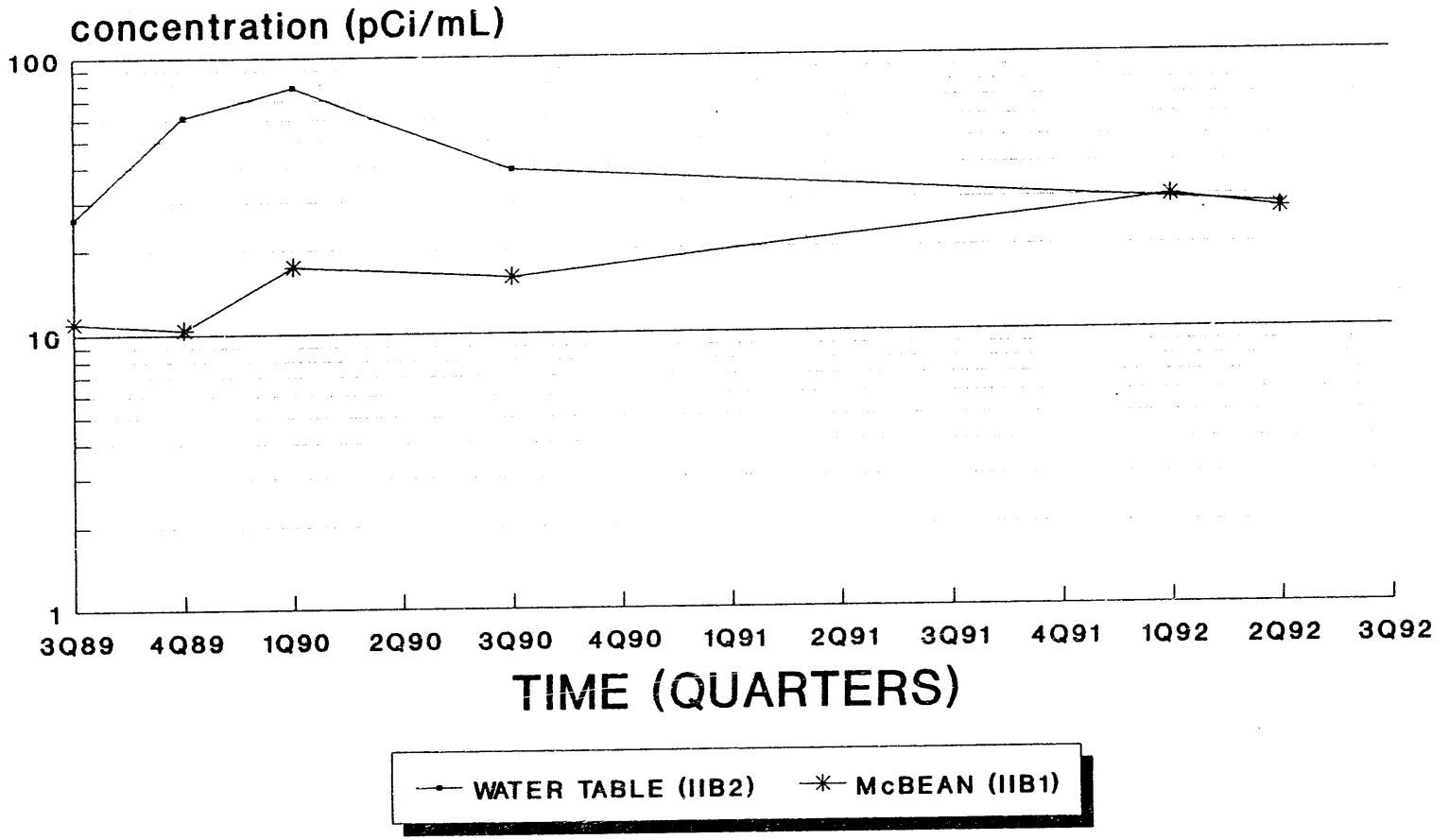
BGO 4D
Tritium



PDWS 20 pCi/mL
empty space denotes no data or dry well

CLUSTER - BGO 5

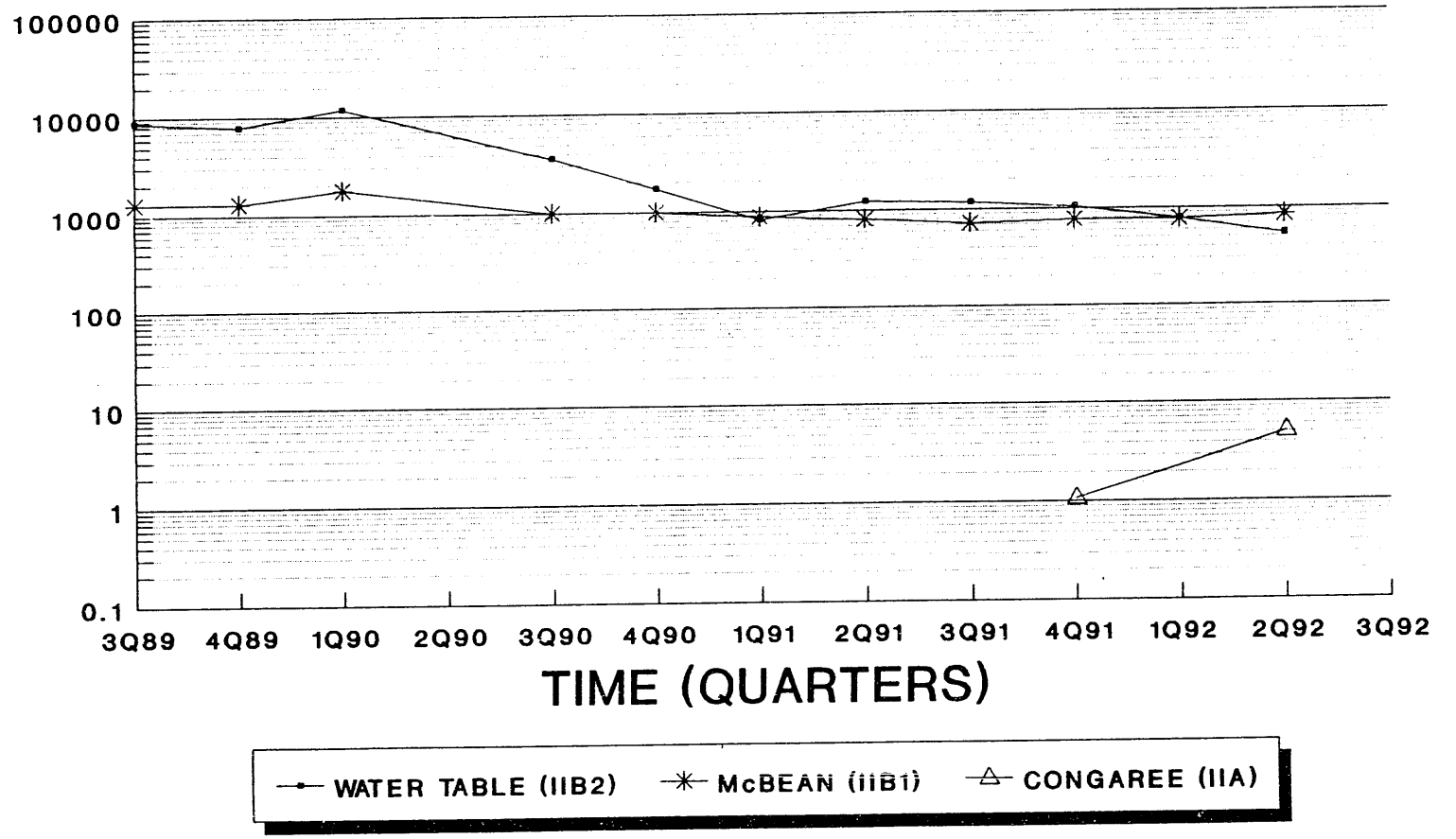
Tritium



PDWS 20 pCi/mL
empty space denotes no data or dry well

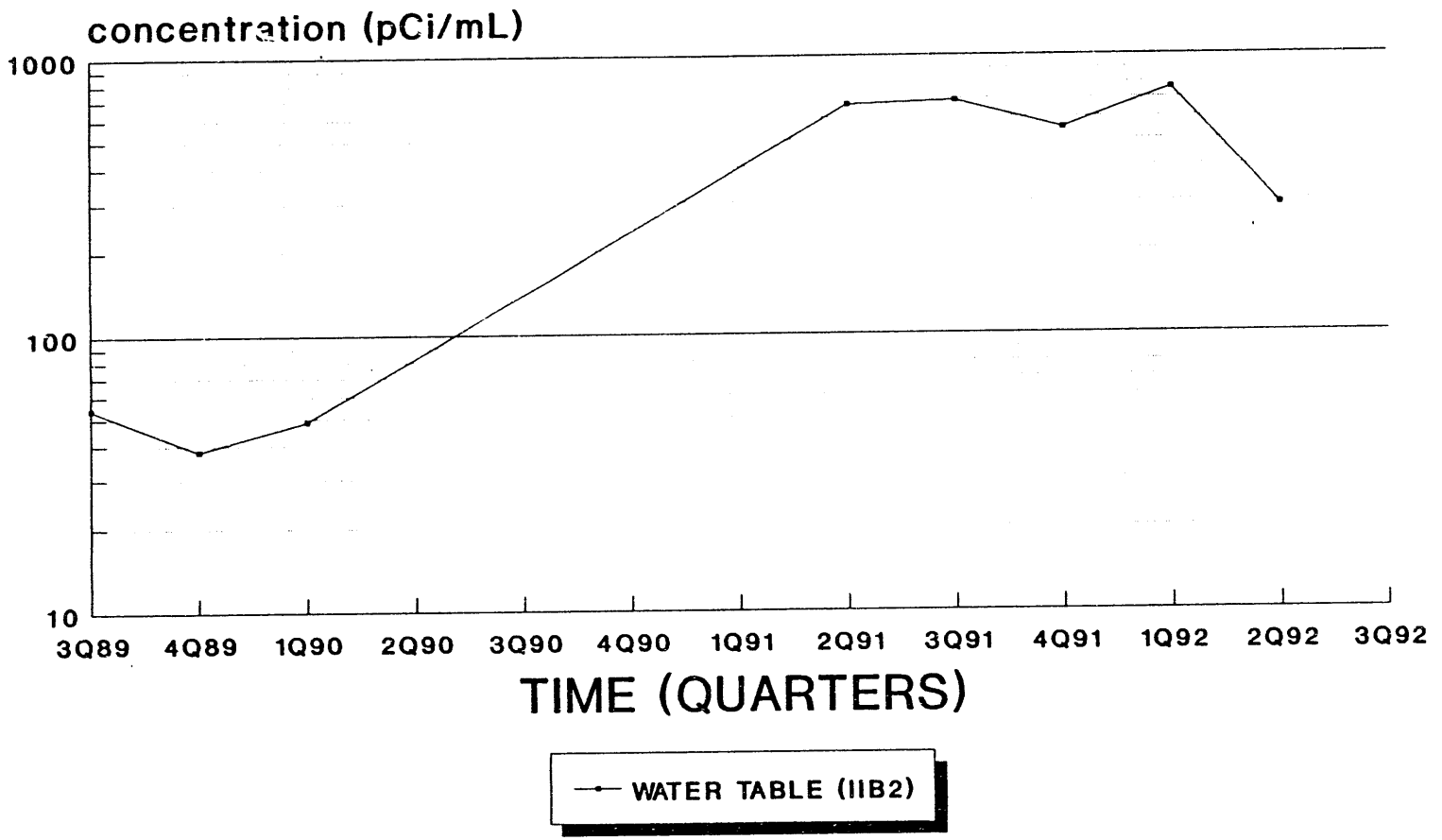
CLUSTER - BGO 6

Tritium



PDWS 20 pCi/mL
empty space denotes no data or dry well

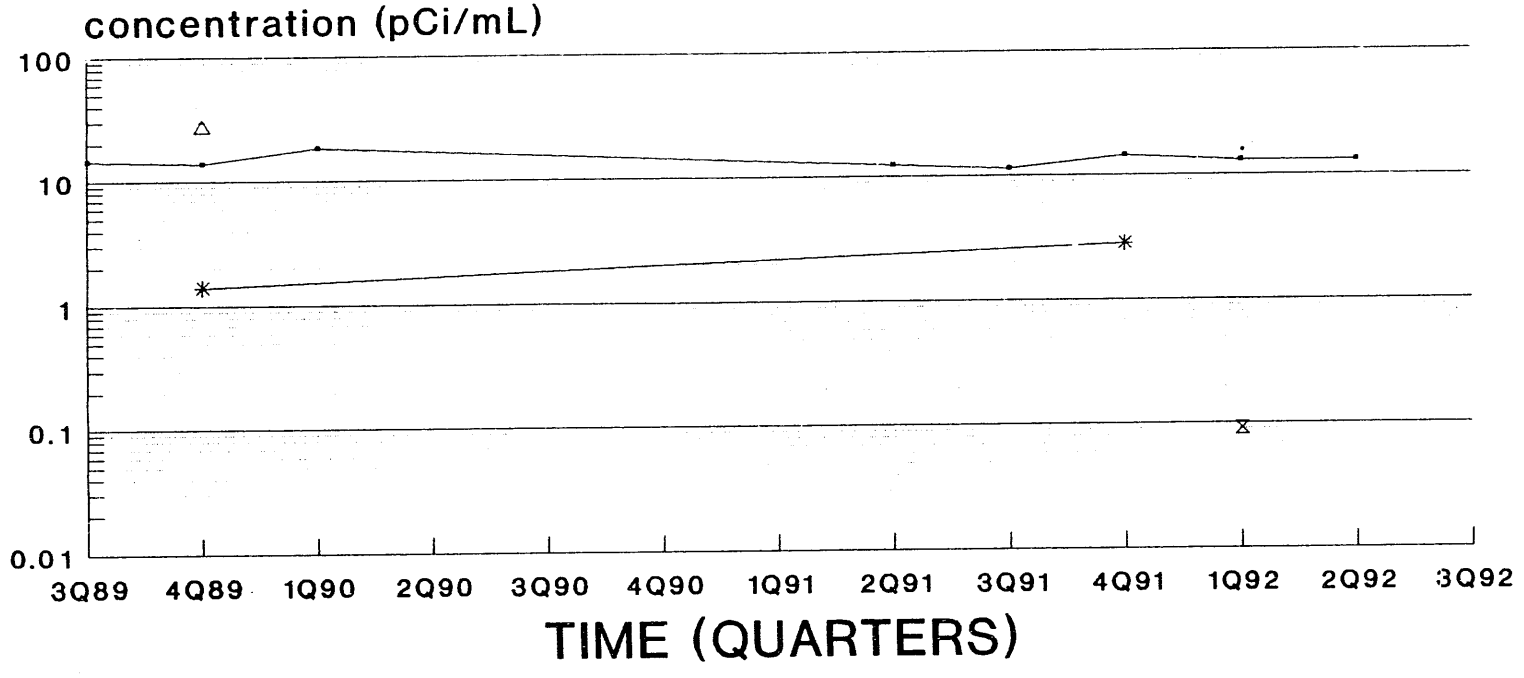
BGO 7D
Tritium



PDWS 20 pCi/mL
empty space denotes no data or dry well

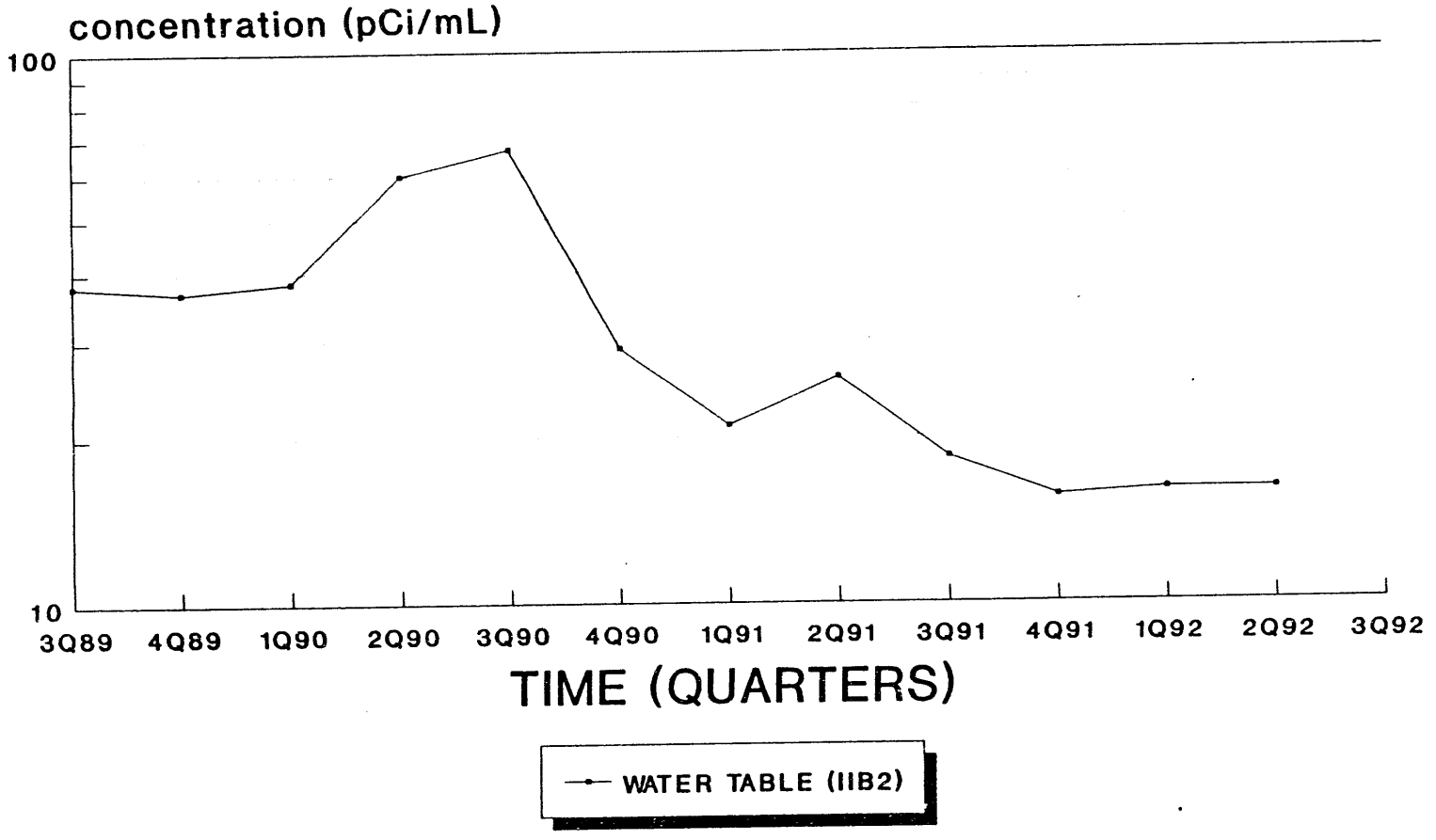
CLUSTER - BGO 8

Tritium



PDWS 20 pCi/mL
empty space denotes no data or dry well;
(R) denotes a replacement well

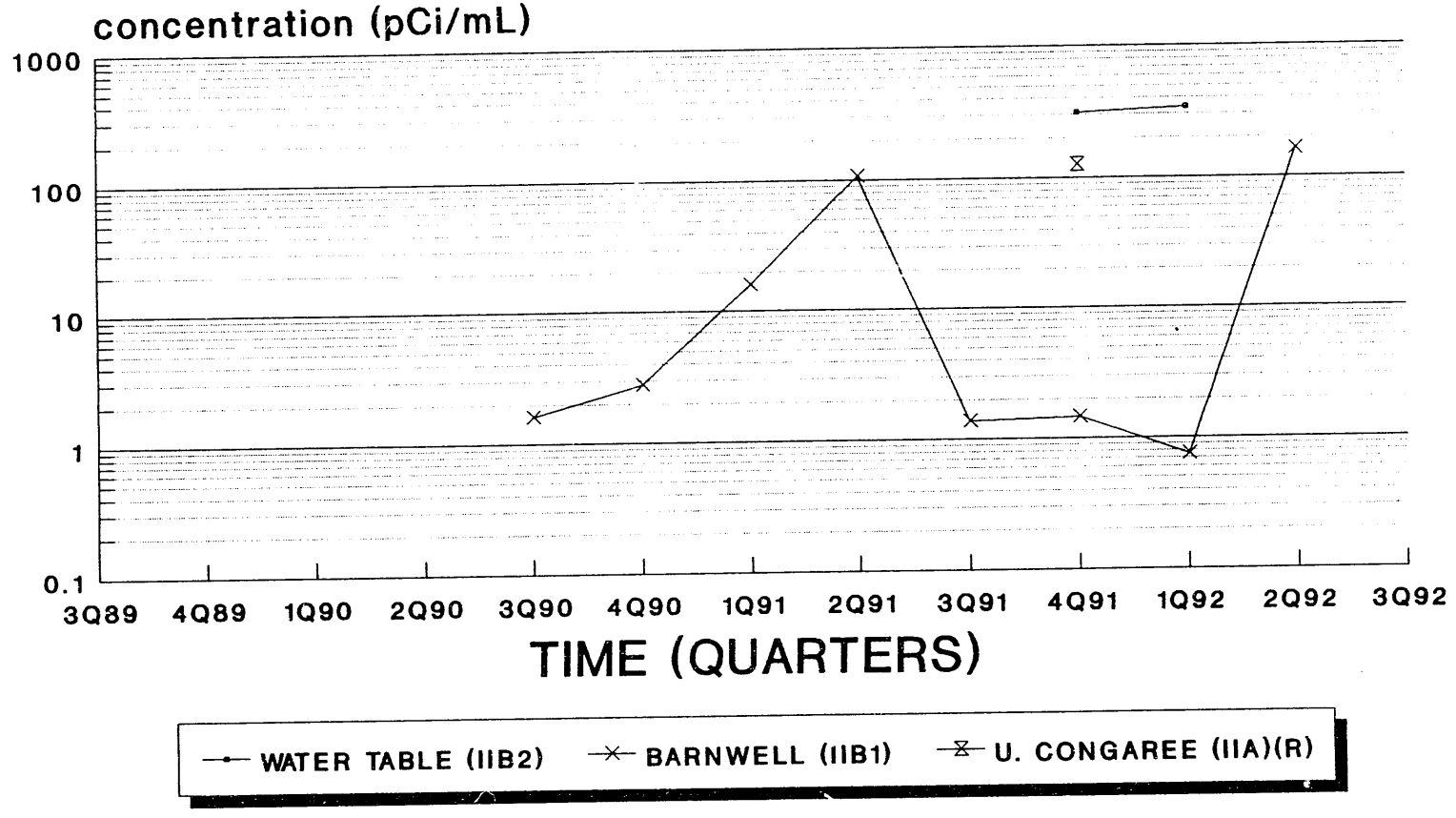
BGO 9D
Tritium



PDWS 20 pCi/mL
empty space denotes no data or dry well

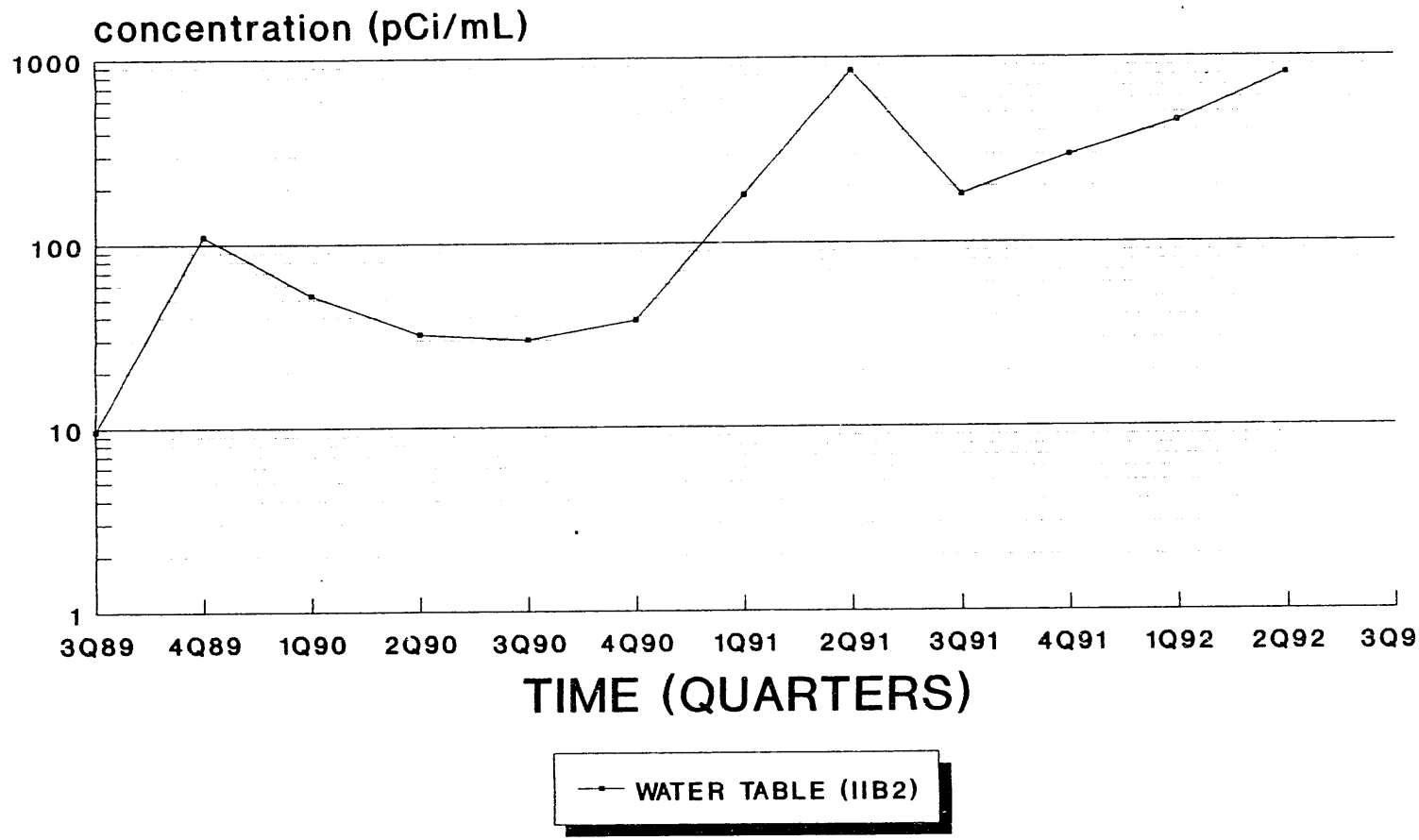
CLUSTER - BGO 10

Tritium



PDWS 20 pCi/mL
empty space denotes no data or dry well;
(R) denotes a replacement well

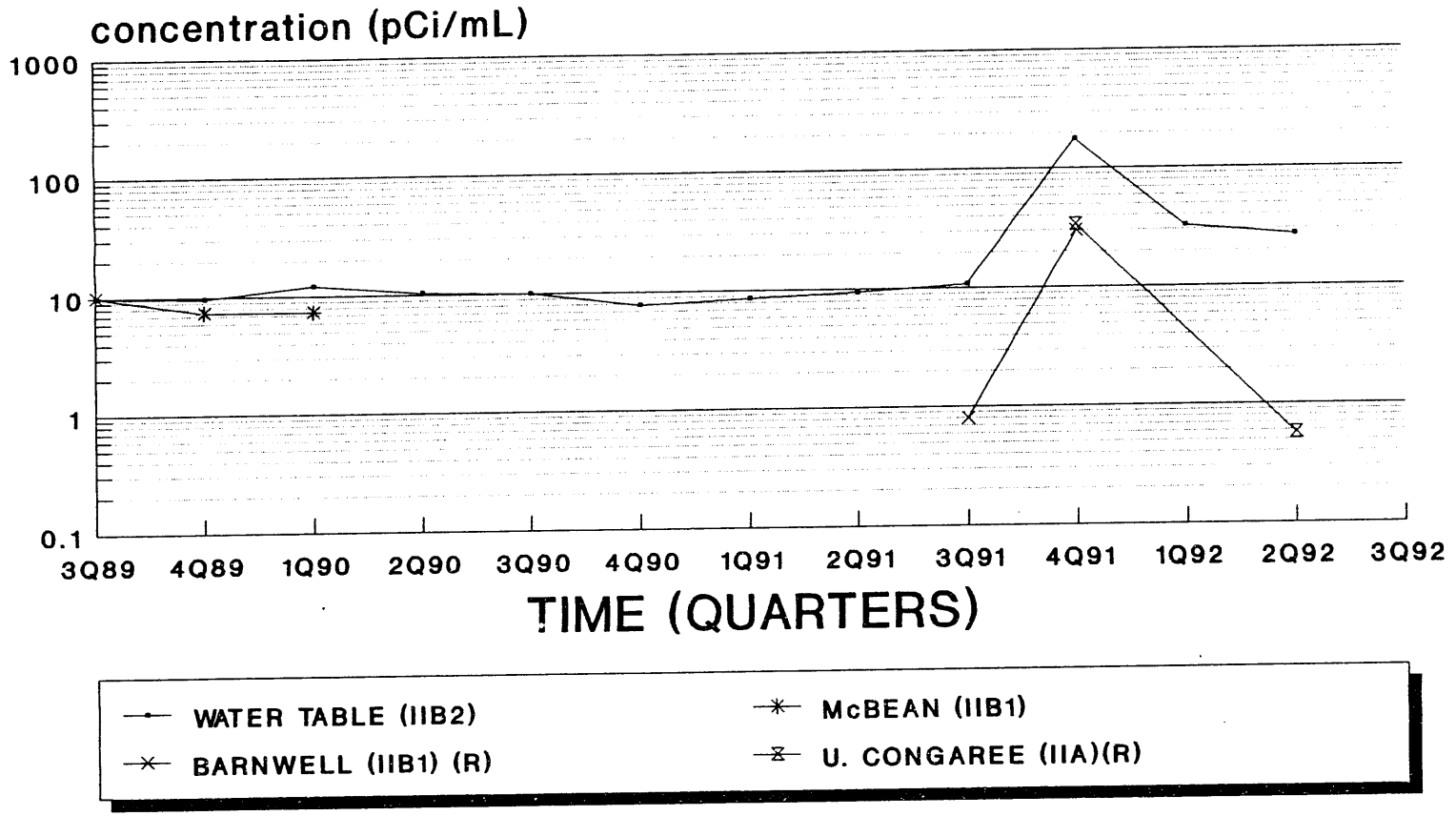
BGO 11D
Tritium



PDWS 20 pCi/mL
empty space denotes no data or dry well

CLUSTER - BGO 12

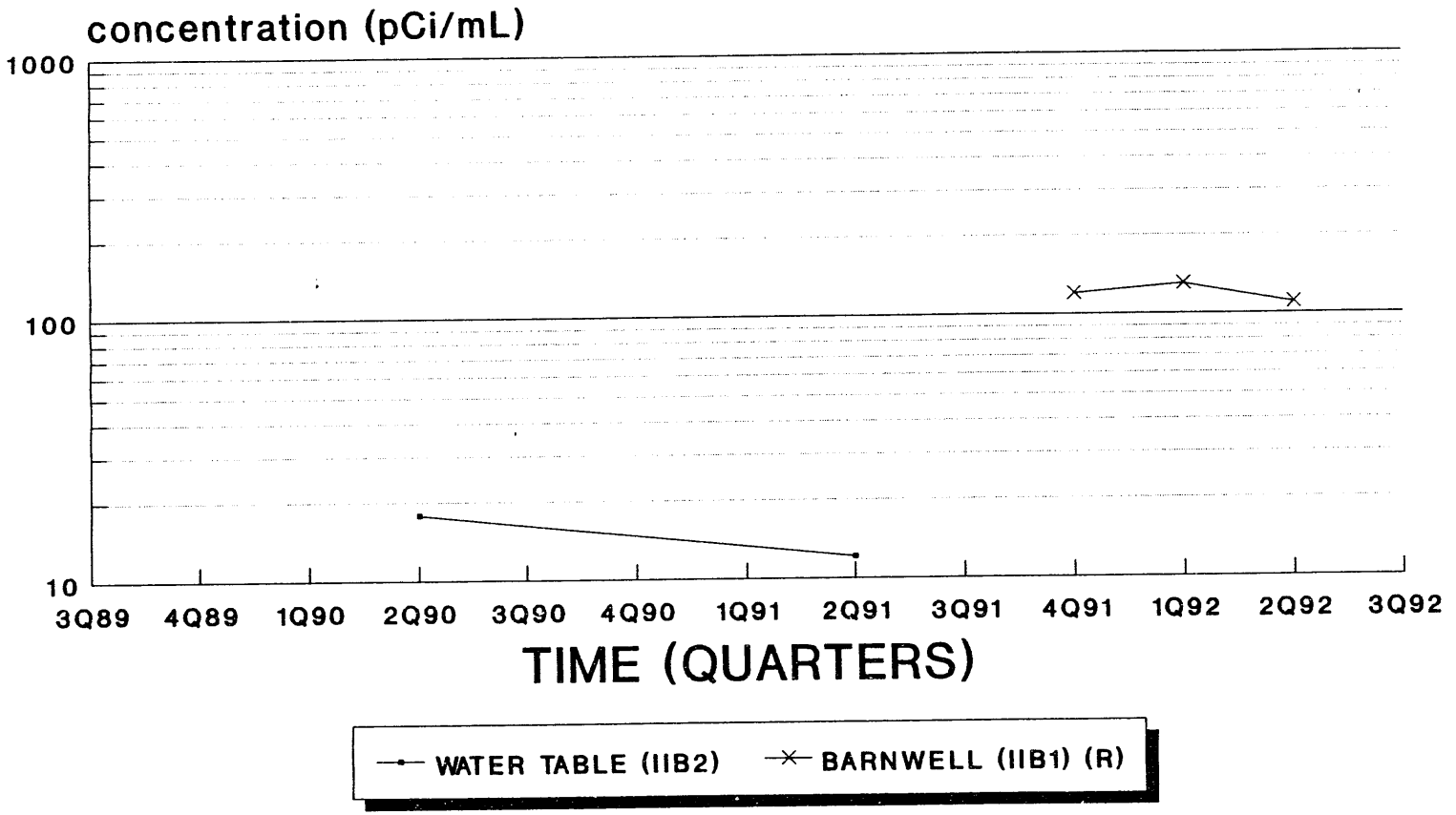
Tritium



PDWS 20 pCi/mL
empty space denotes no data or dry well;
(R) denotes a replacement well

CLUSTER - BGO 13

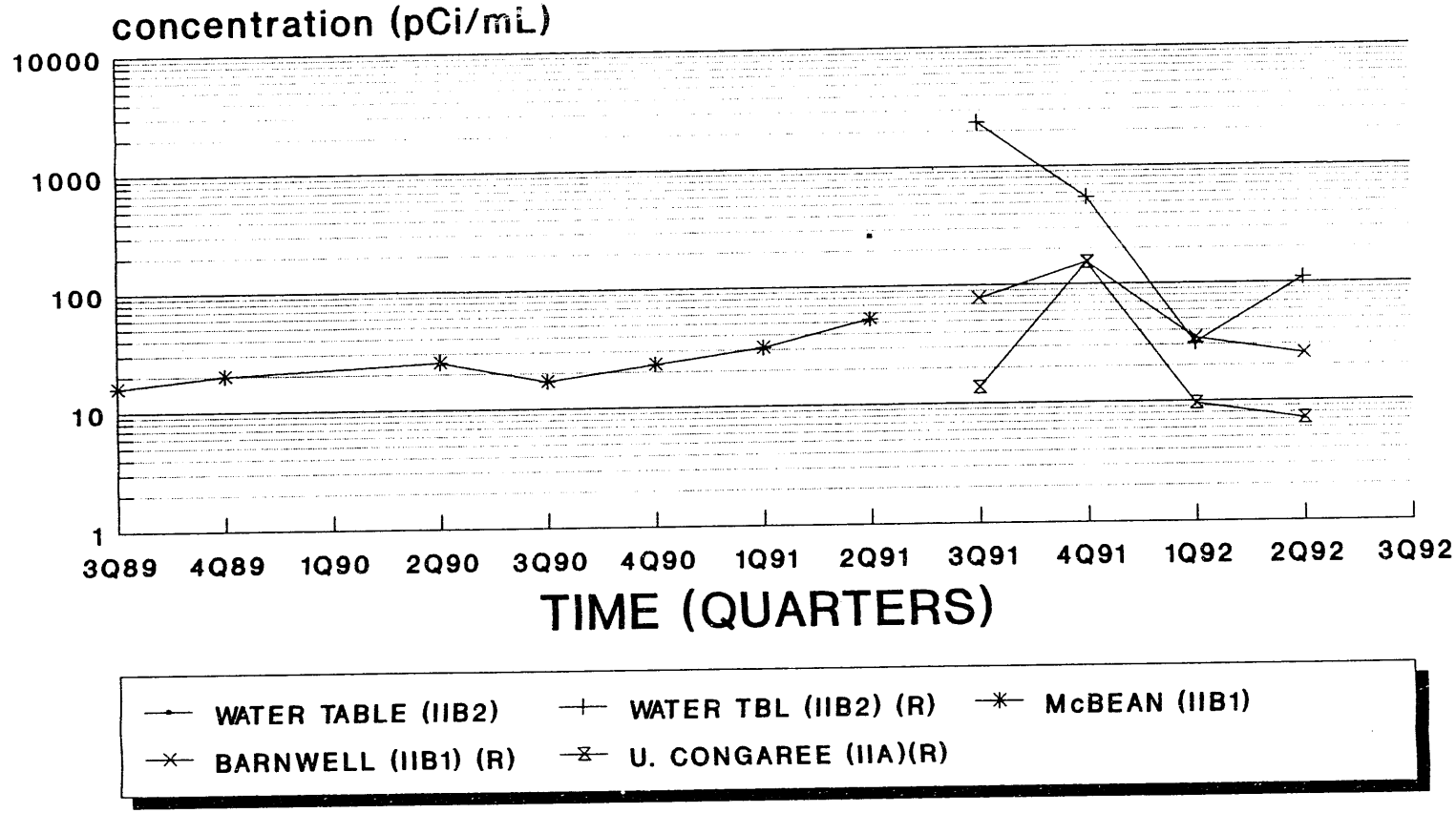
Tritium



PDWS 20 pCi/mL
empty space denotes no data or dry well;
(R) denotes a replacement well

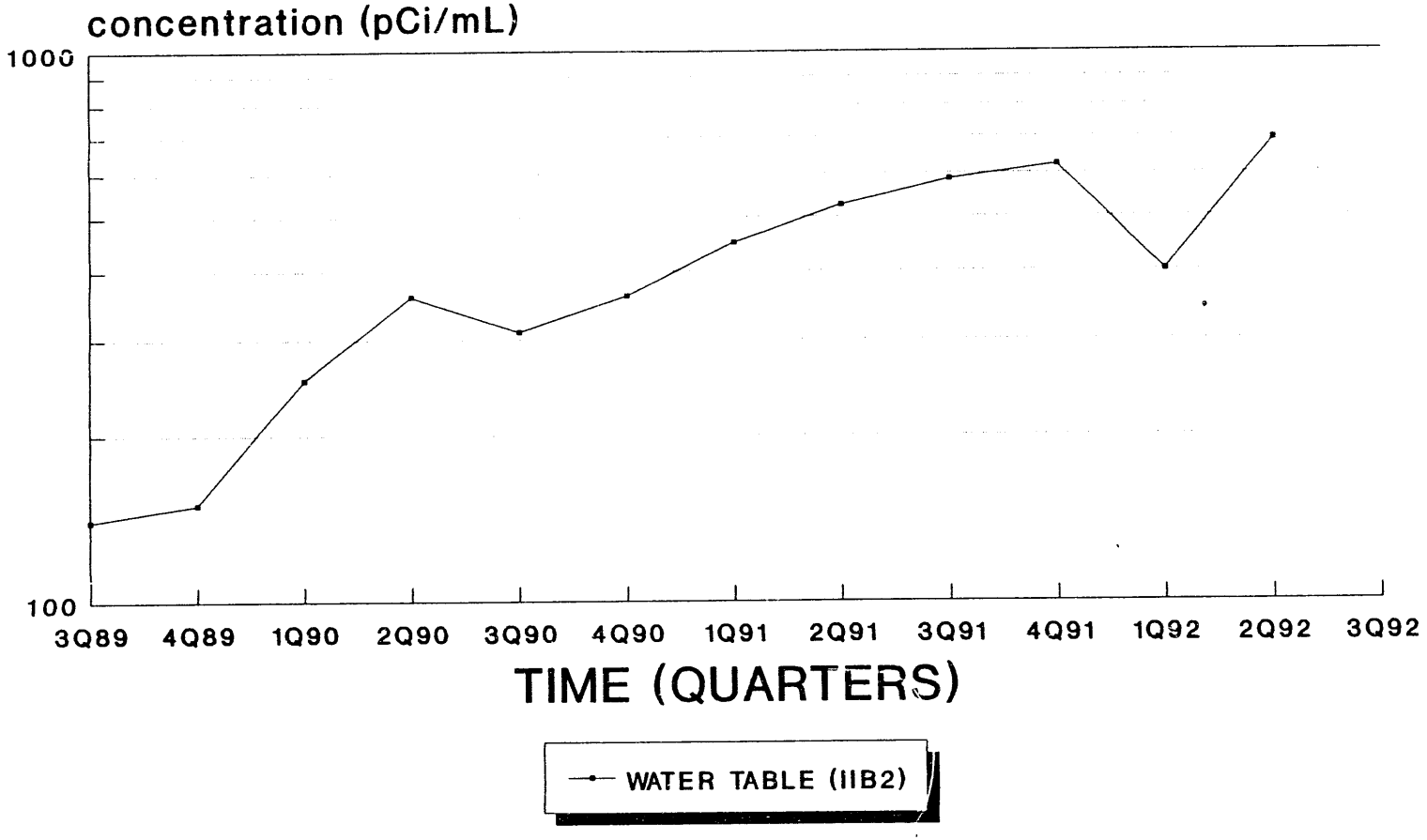
CLUSTER - BGO 14

Tritium



PDWS 20 pCi/mL
empty space denotes no data or dry well;
(R) denotes a replacement well

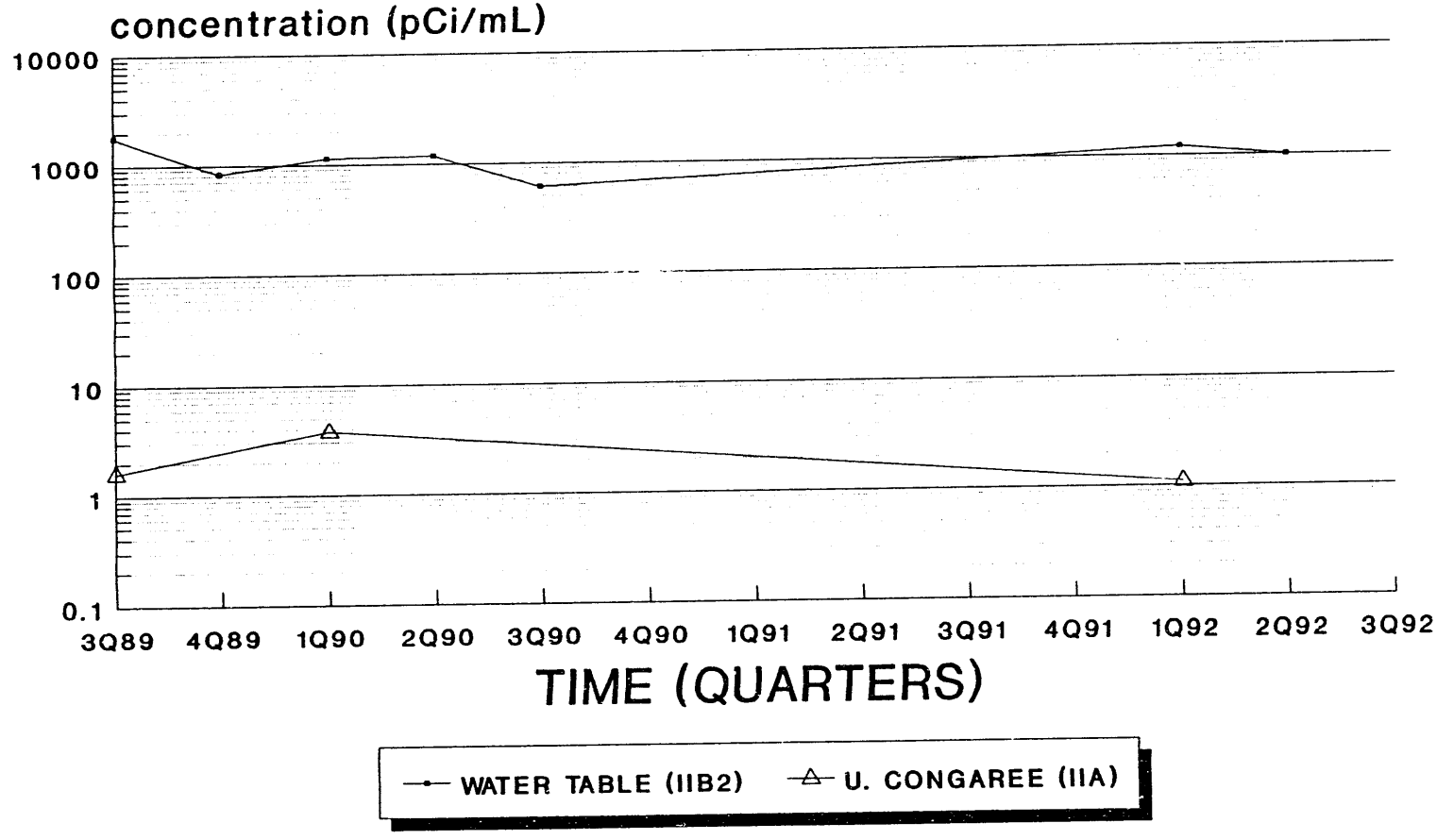
BGO 15D
Tritium



PDWS 20 pCi/mL
empty space denotes no data or dry well

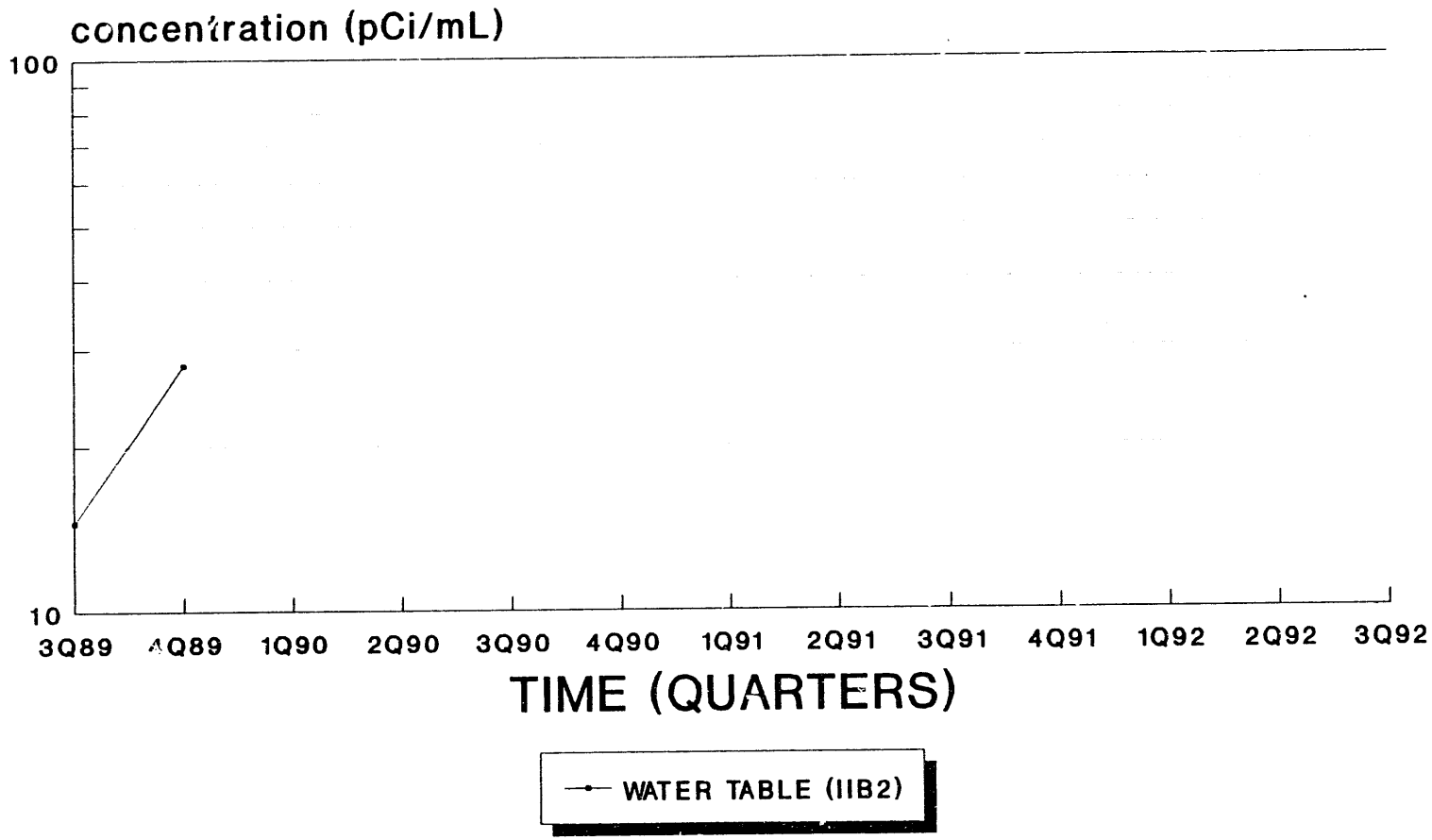
CLUSTER - BGO 16

Tritium



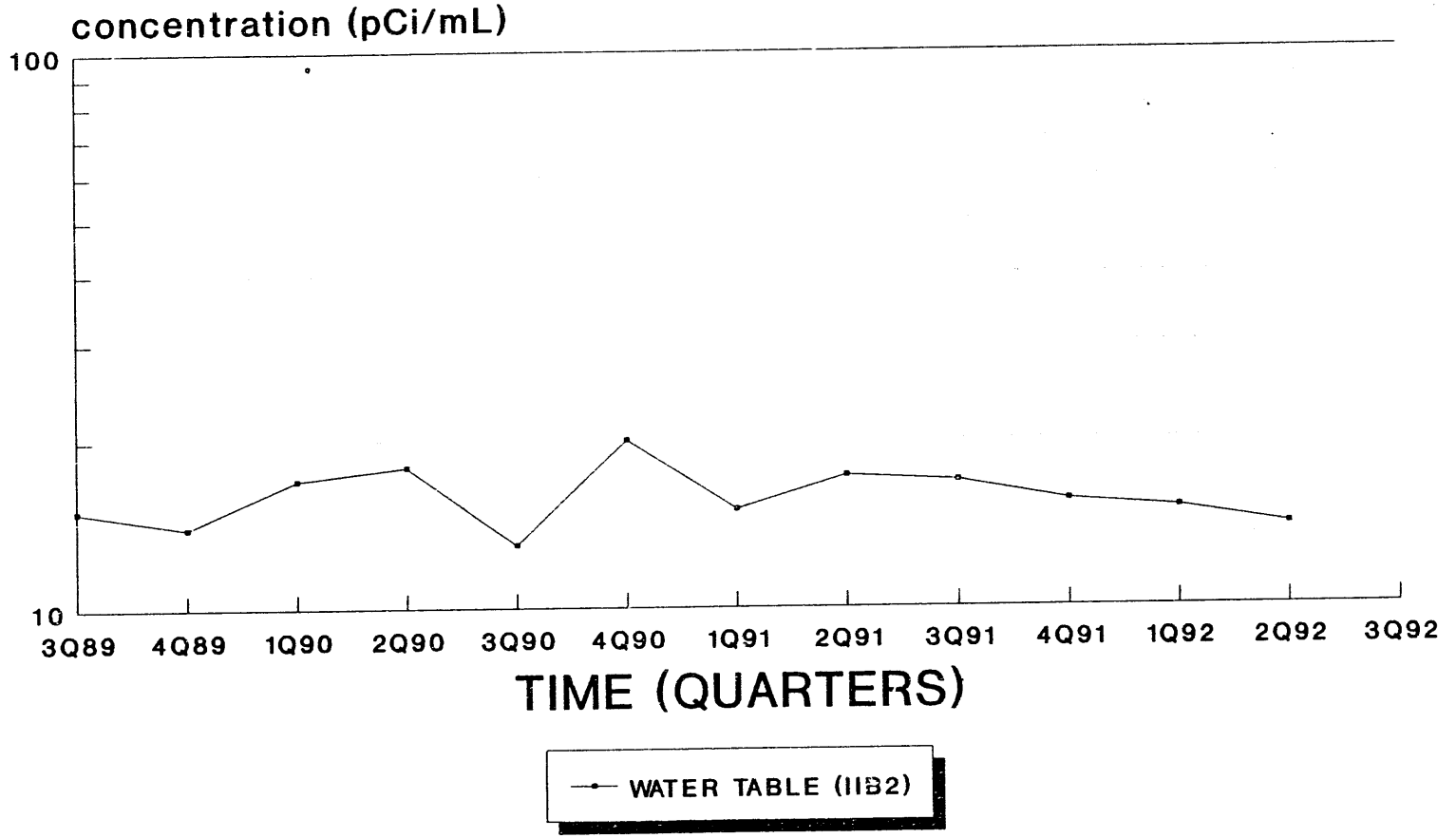
PDWS 20 pCi/mL
empty space denotes no data or dry well

BGO 17D
Tritium



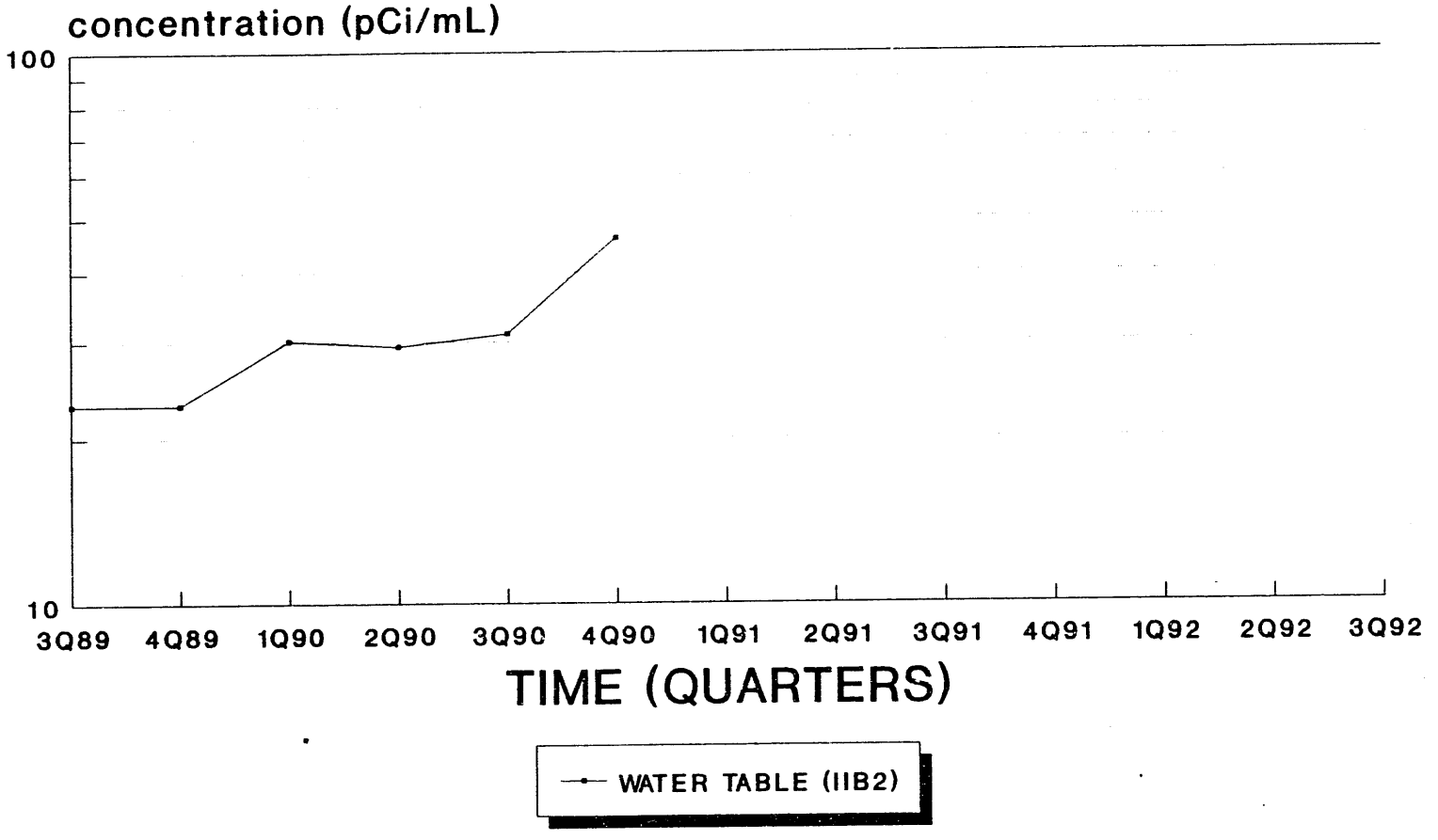
PDWS 20 pCi/mL
empty space denotes no data or dry well

BGO 18D
Tritium



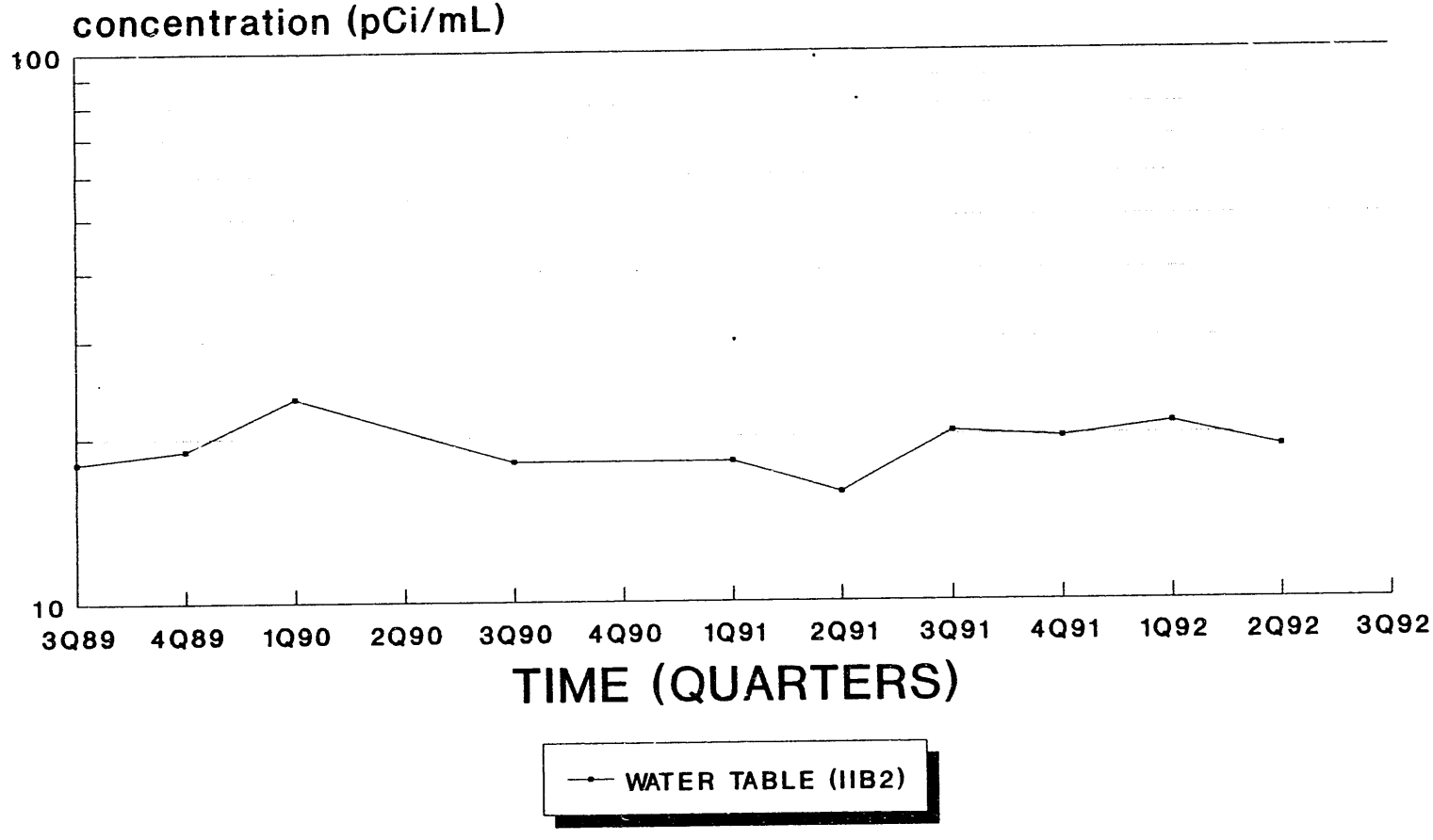
PDWS 20 pCi/mL
empty space denotes no data or dry well

BGO 19D
Tritium



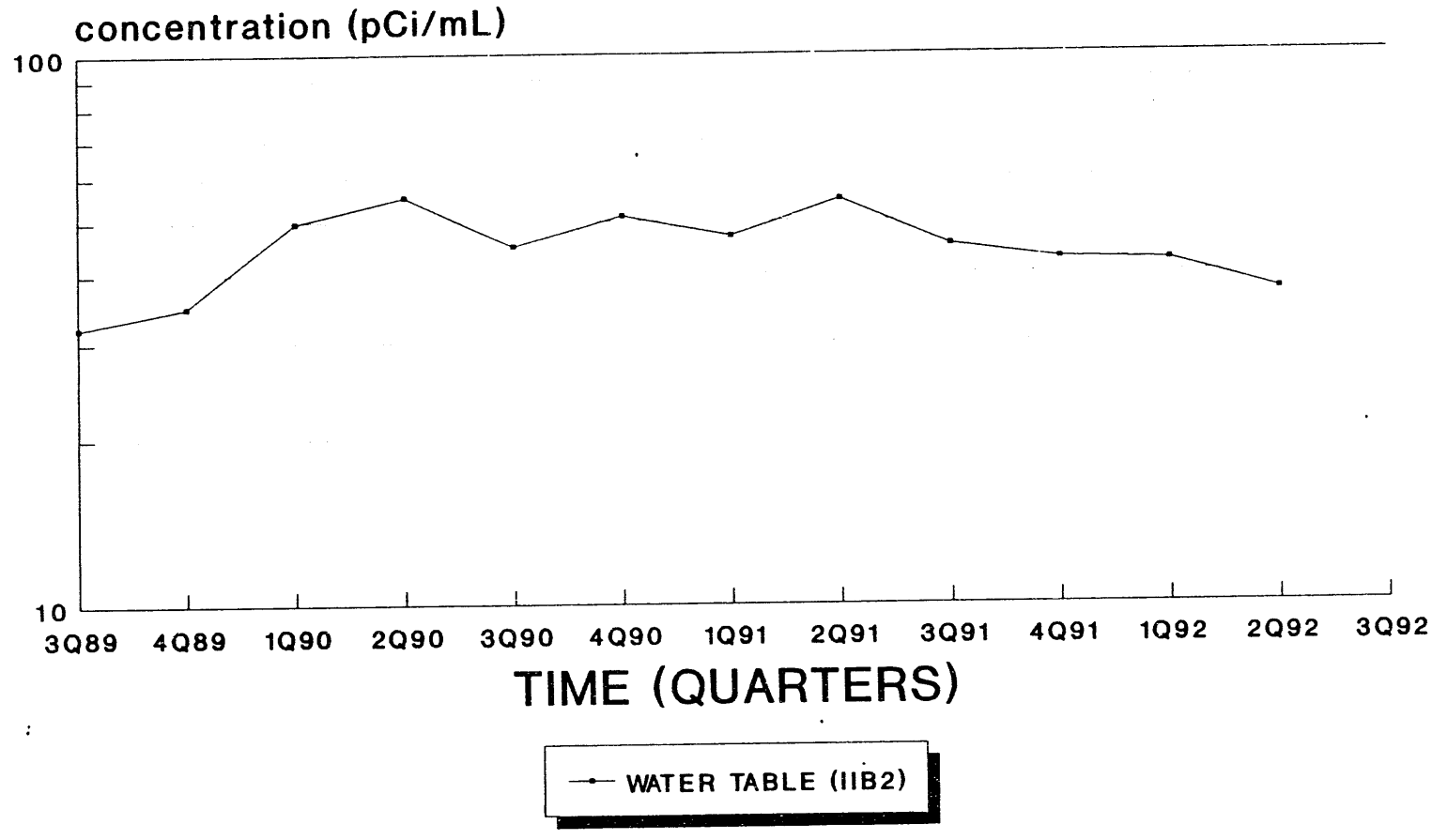
PDWS 20 pCi/mL
empty space denotes no data or dry well

BGO 20D
Tritium



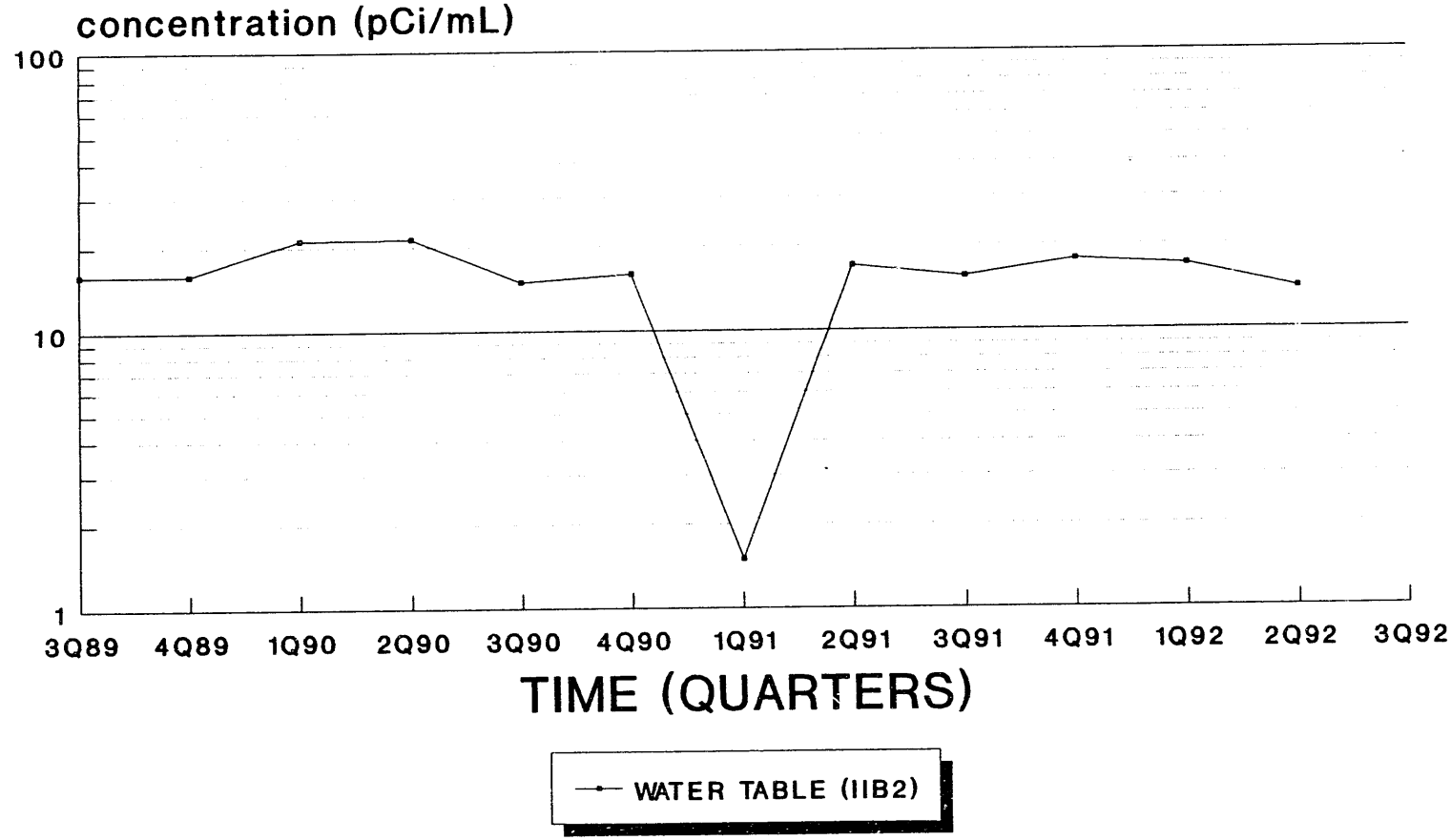
PDWS 20 pCi/mL
empty space denotes no data or dry well

BGO 21D
Tritium



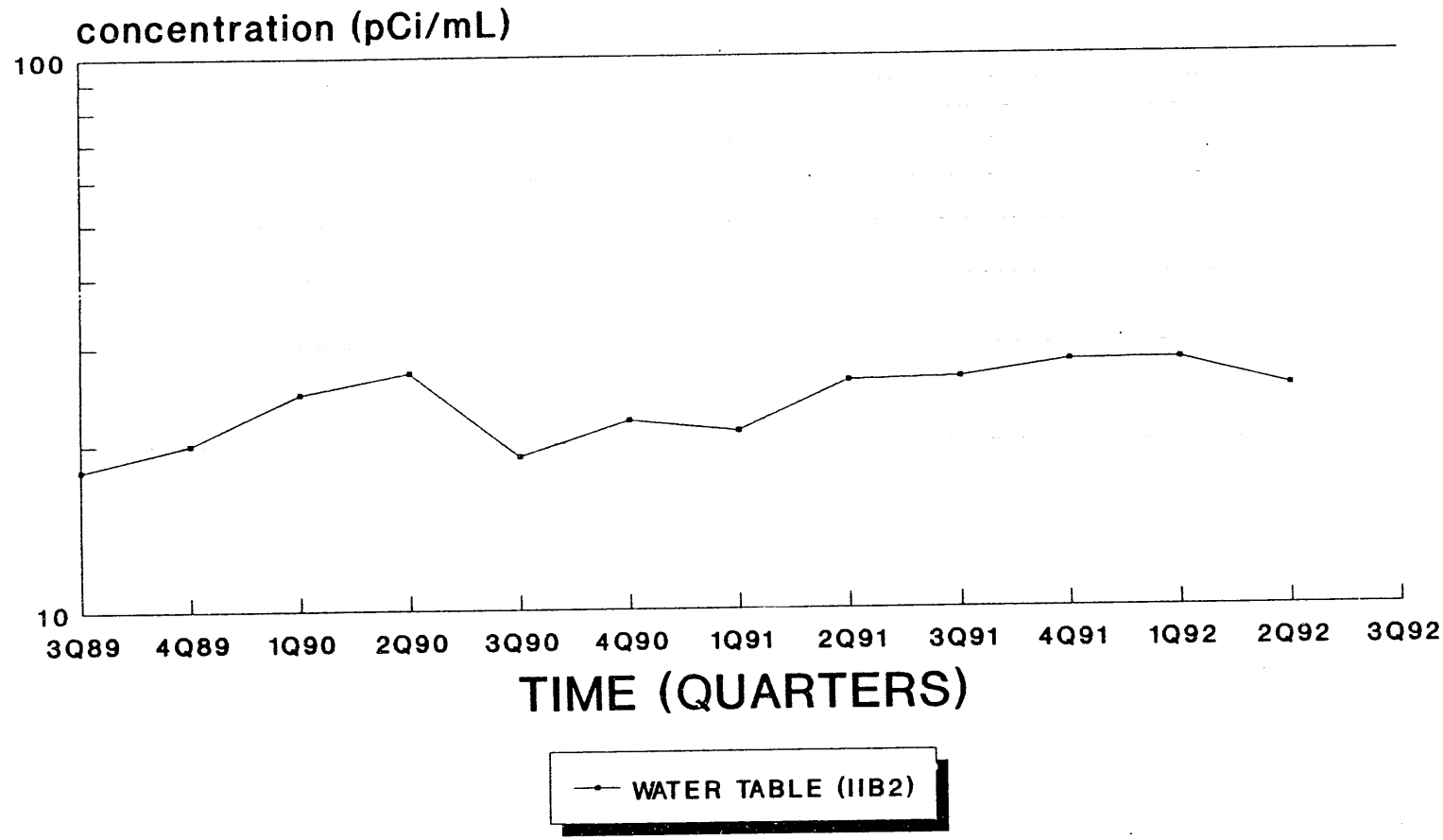
PDWS 20 pCi/mL
empty space denotes no data or dry well

BGO 22D
Tritium



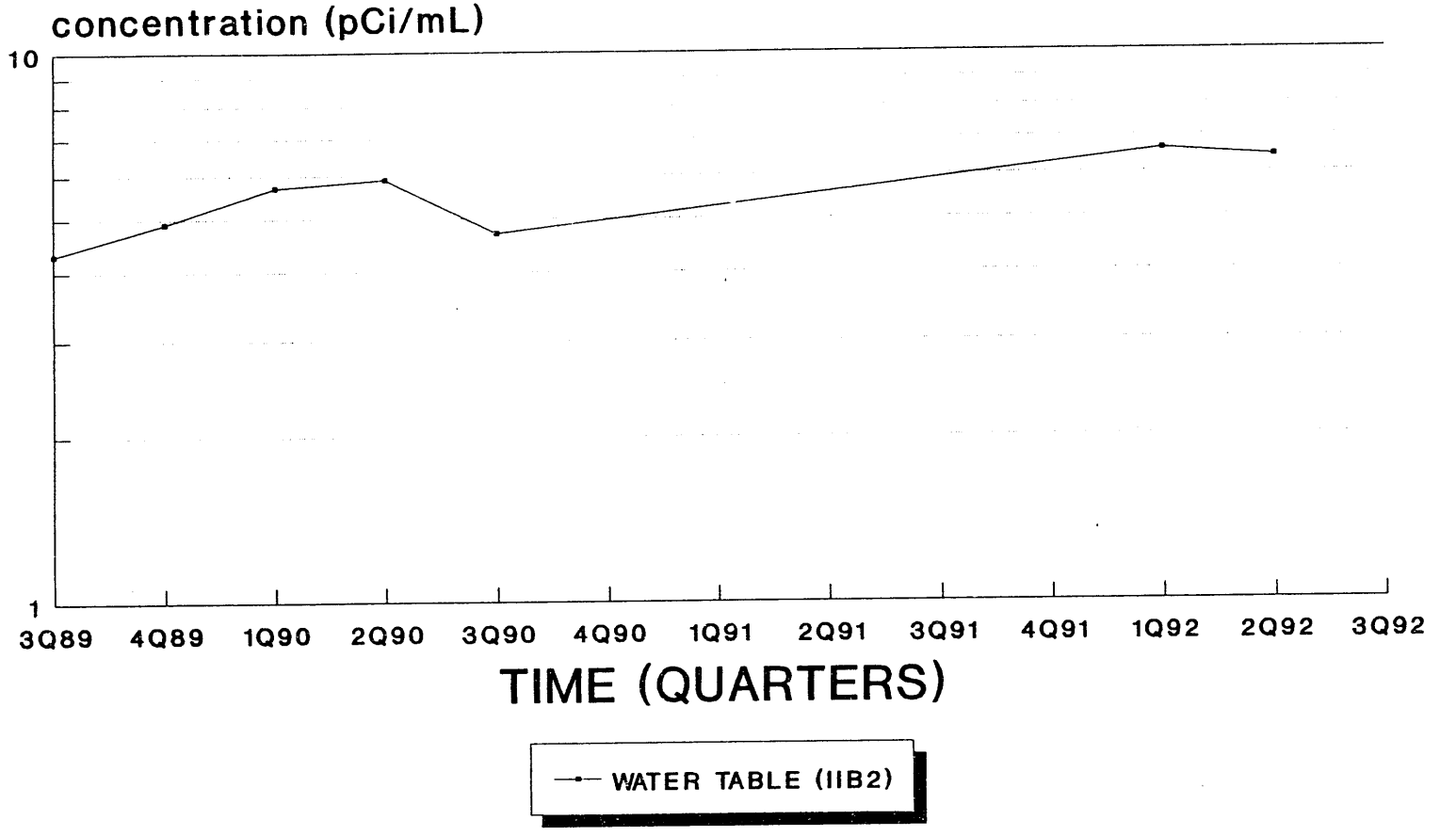
PDWS 20 pCi/mL
empty space denotes no data or dry well

BGO 23D
Tritium



PDWS 20 pCi/mL
empty space denotes no data or dry well

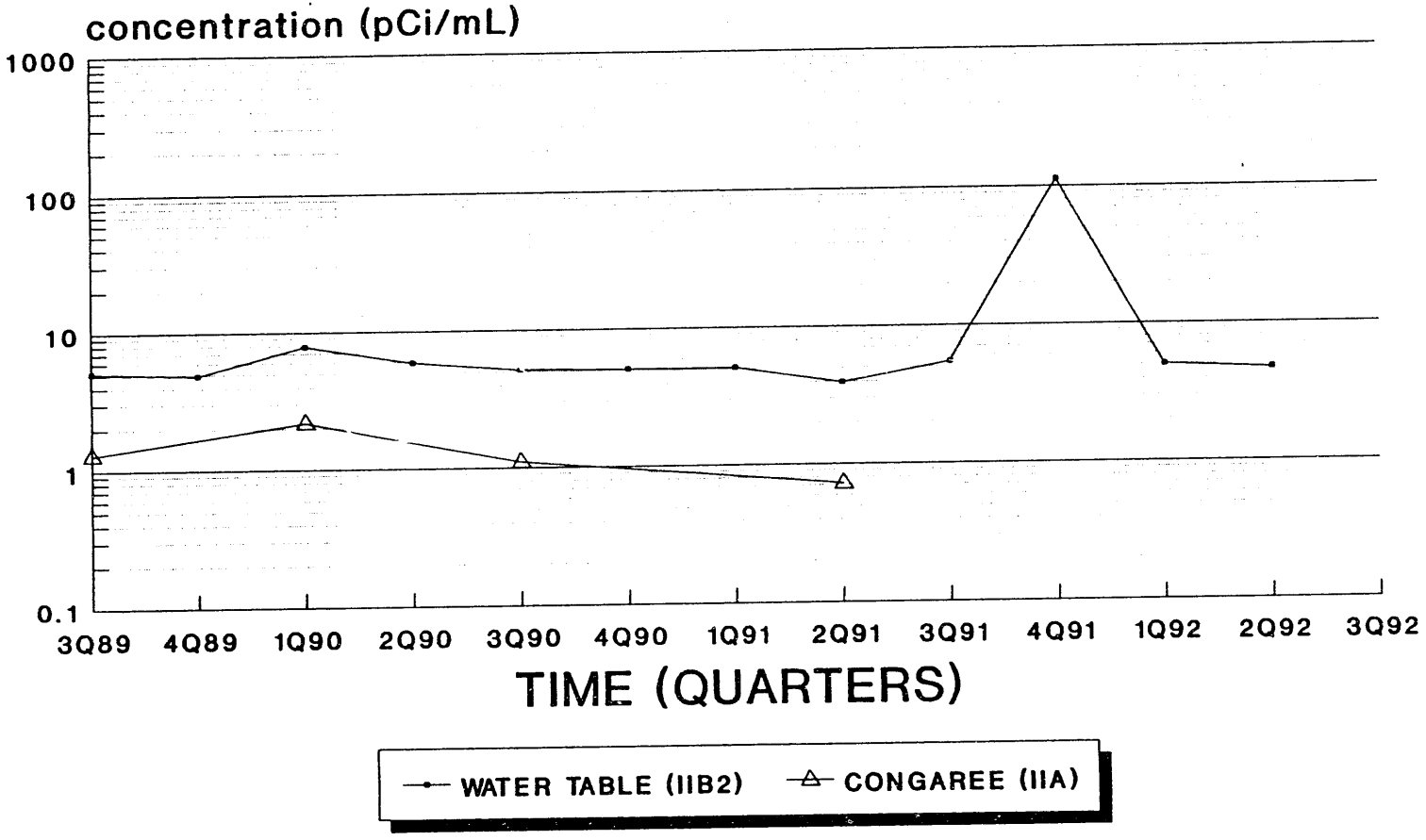
BGO 24D
Tritium



PDWS 20 pCi/mL
empty space denotes no data or dry well

CLUSTER - BGO 26

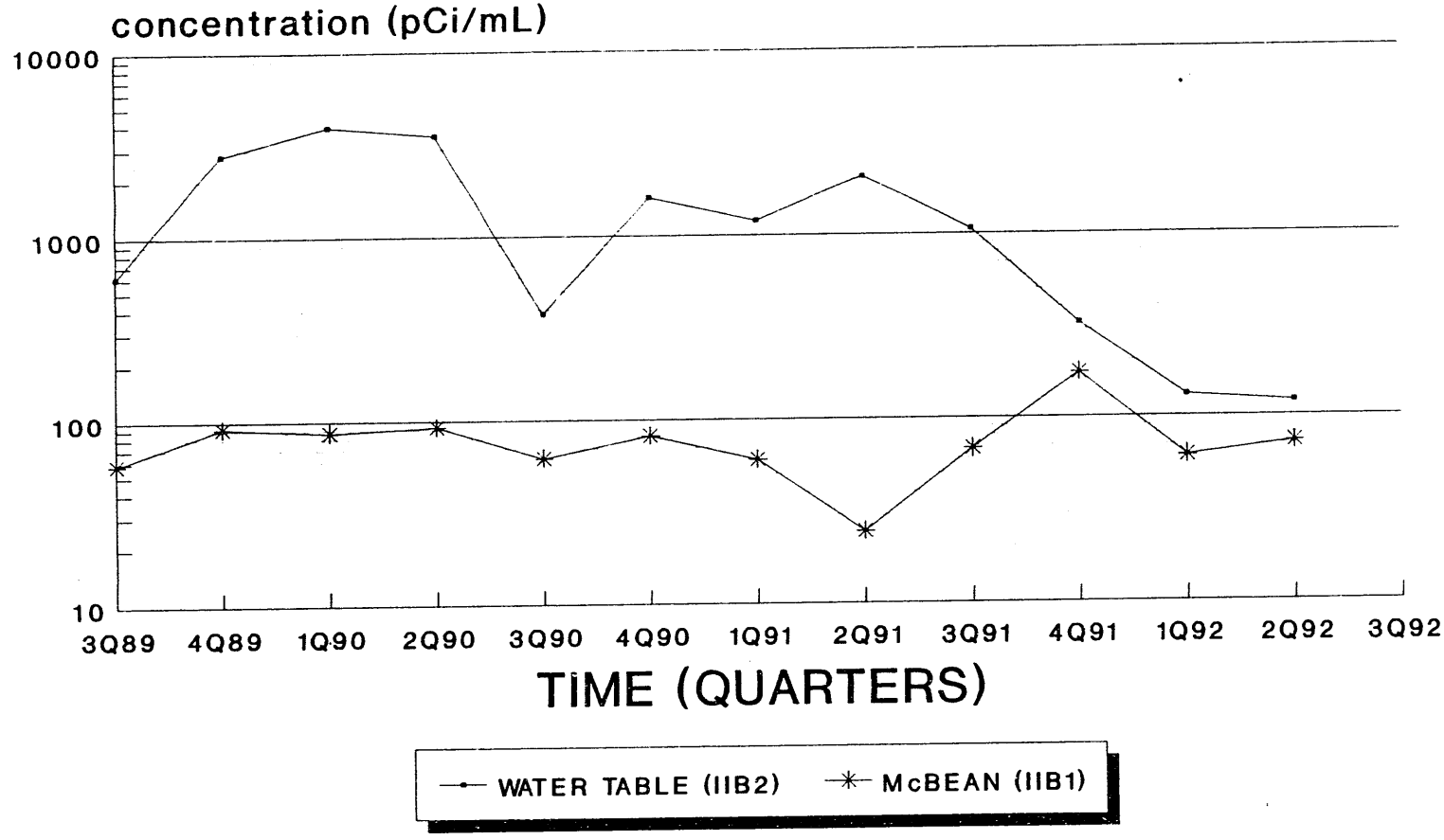
Tritium



PDWS 20 pCi/mL
empty space denotes no data or dry well

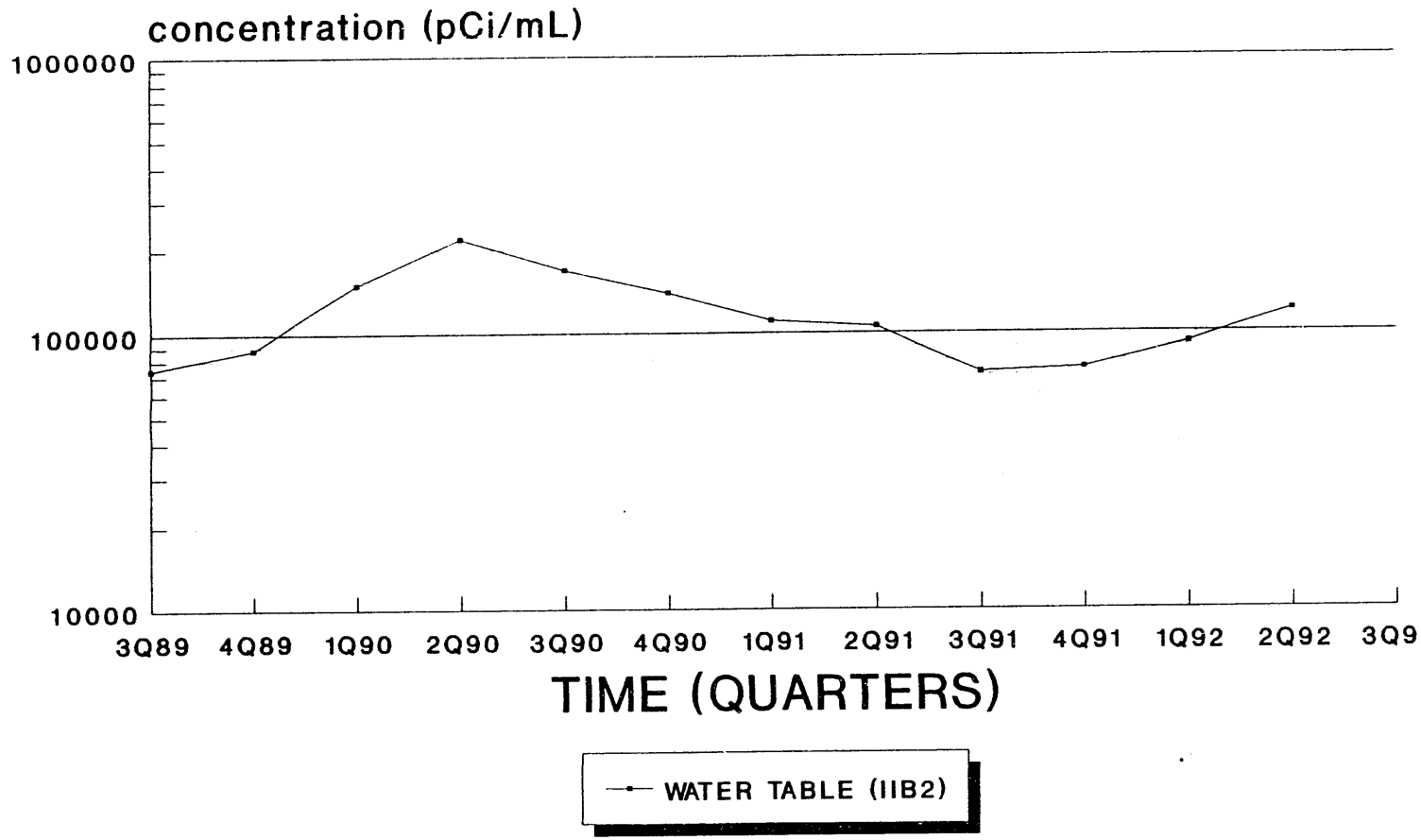
CLUSTER - BGO 27

Tritium



PDWS 20 pCi/mL
empty space denotes no data or dry well

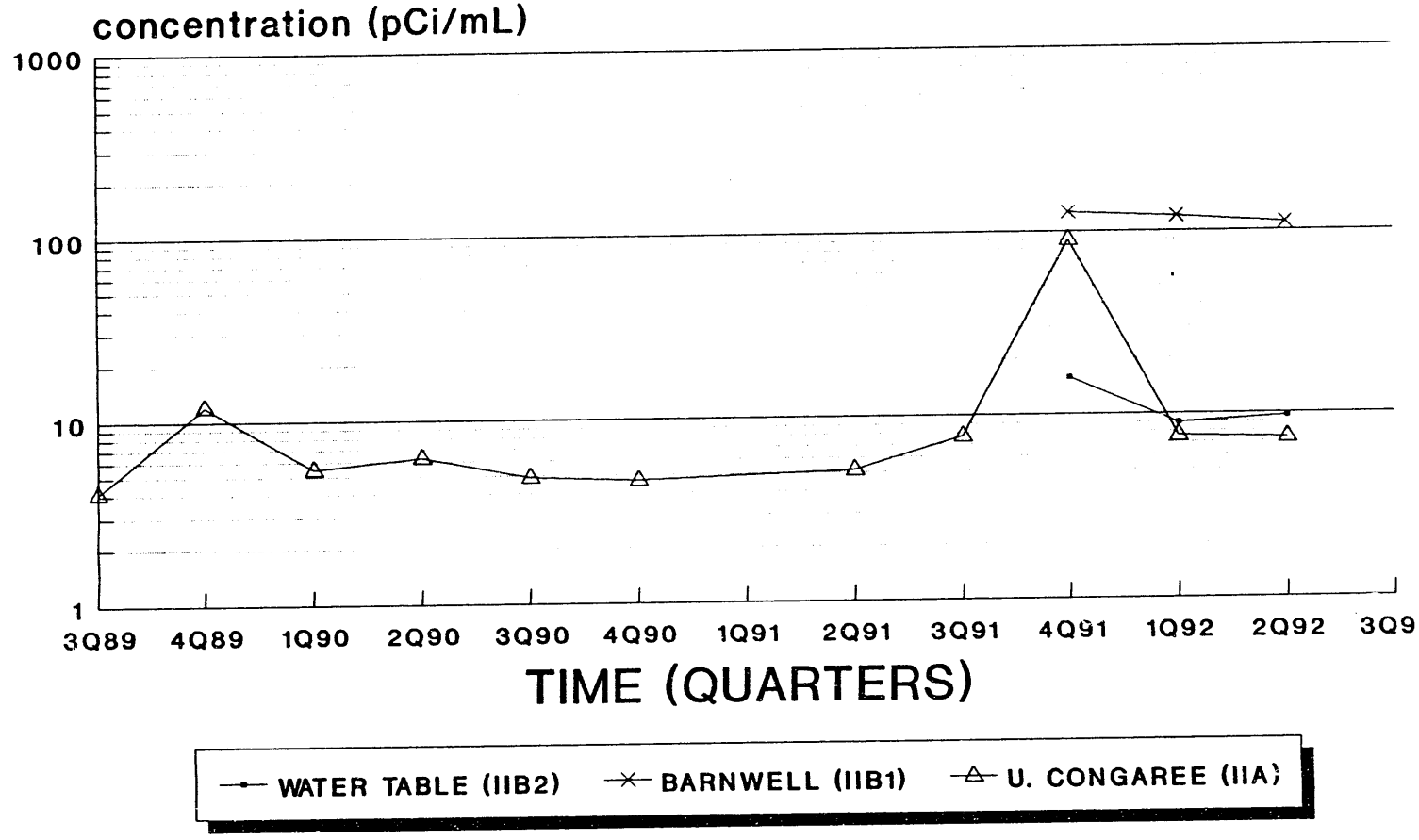
BGO 28D
Tritium



PDWS 20 pCi/mL
empty space denotes no data or dry well

CLUSTER - BGO 29

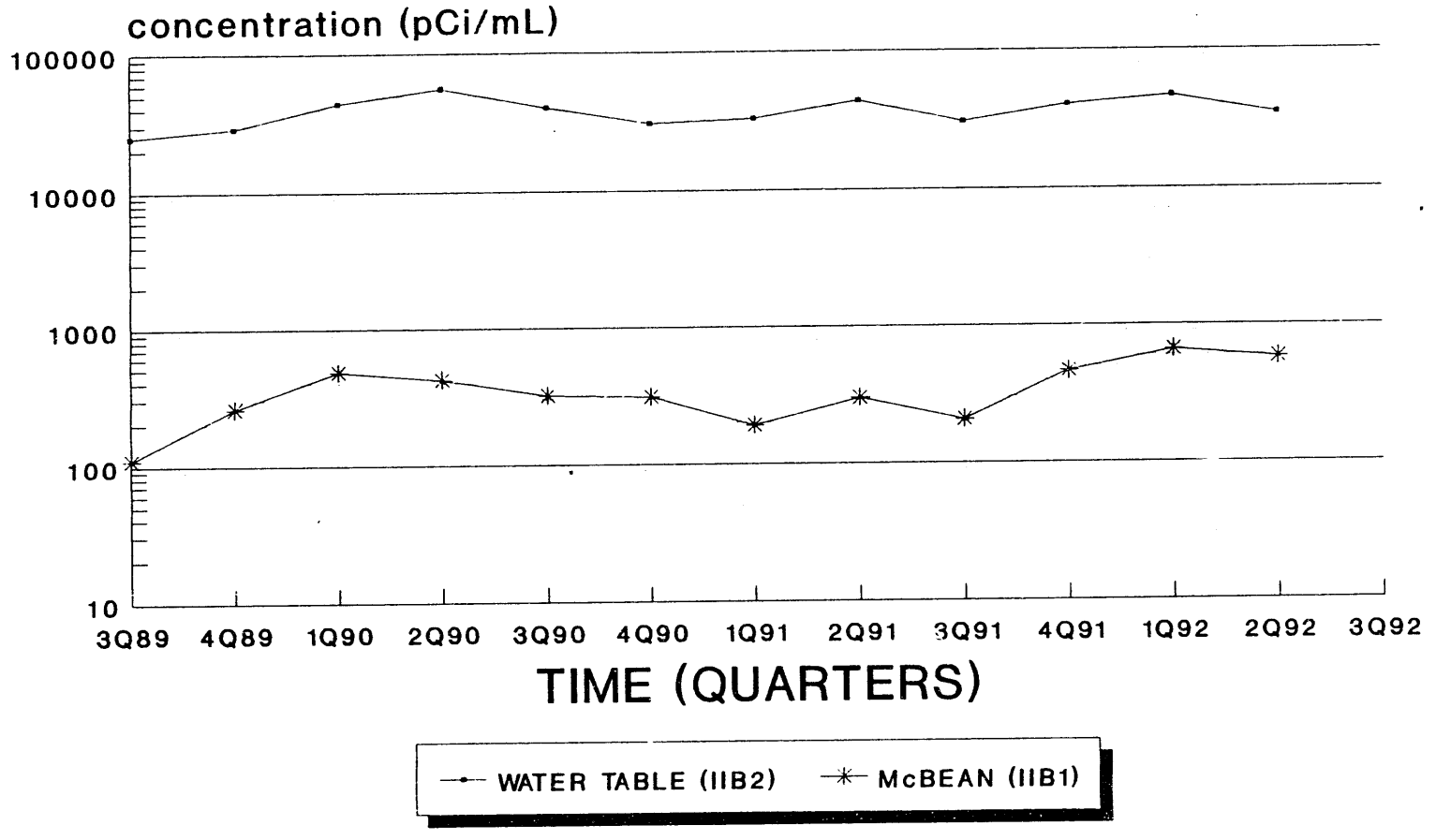
Tritium



PDWS 20 pCi/mL
empty space denotes no data or dry well

CLUSTER - BGO 30

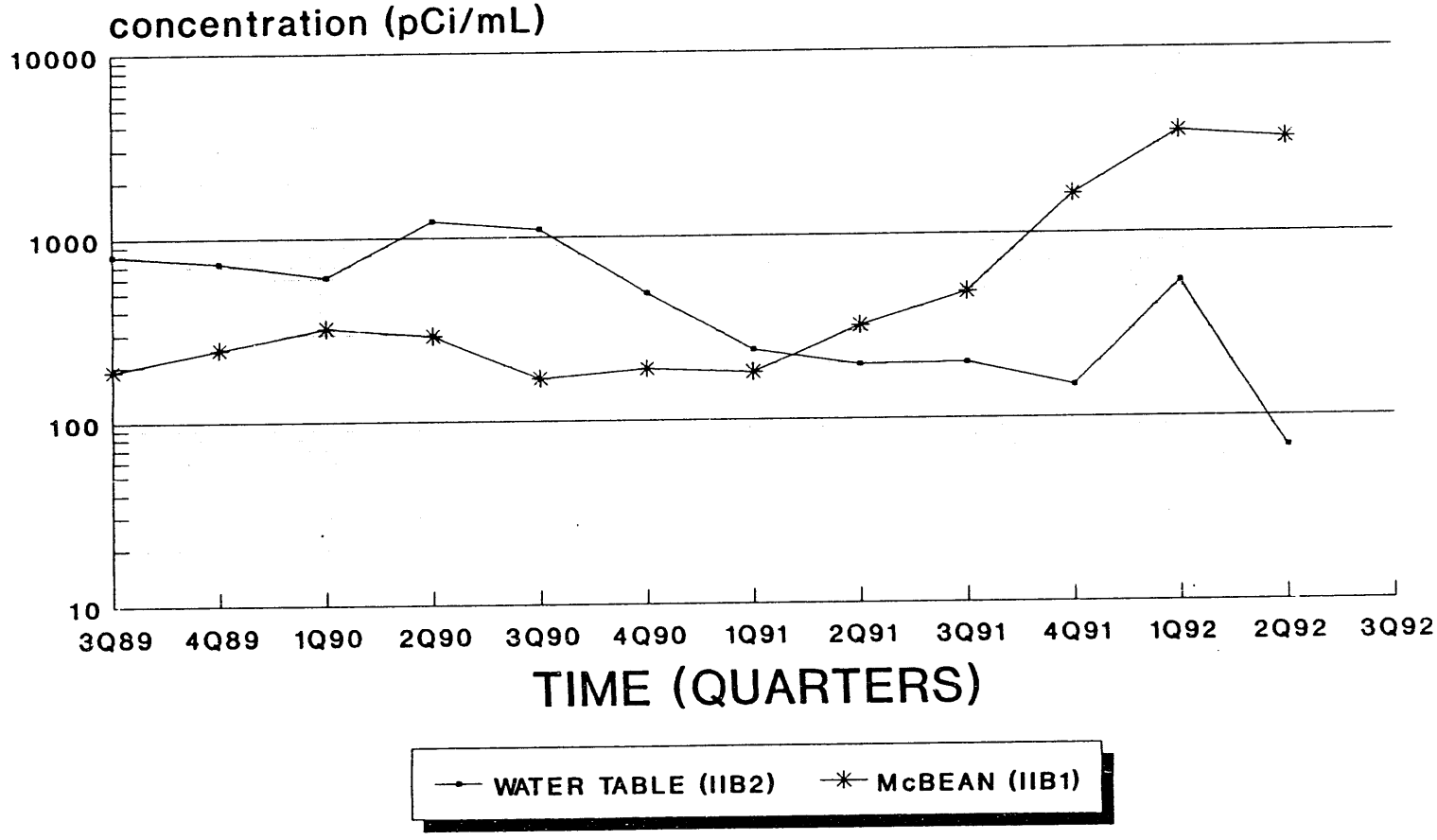
Tritium



PDWS 20 pCi/mL
empty space denotes no data or dry well

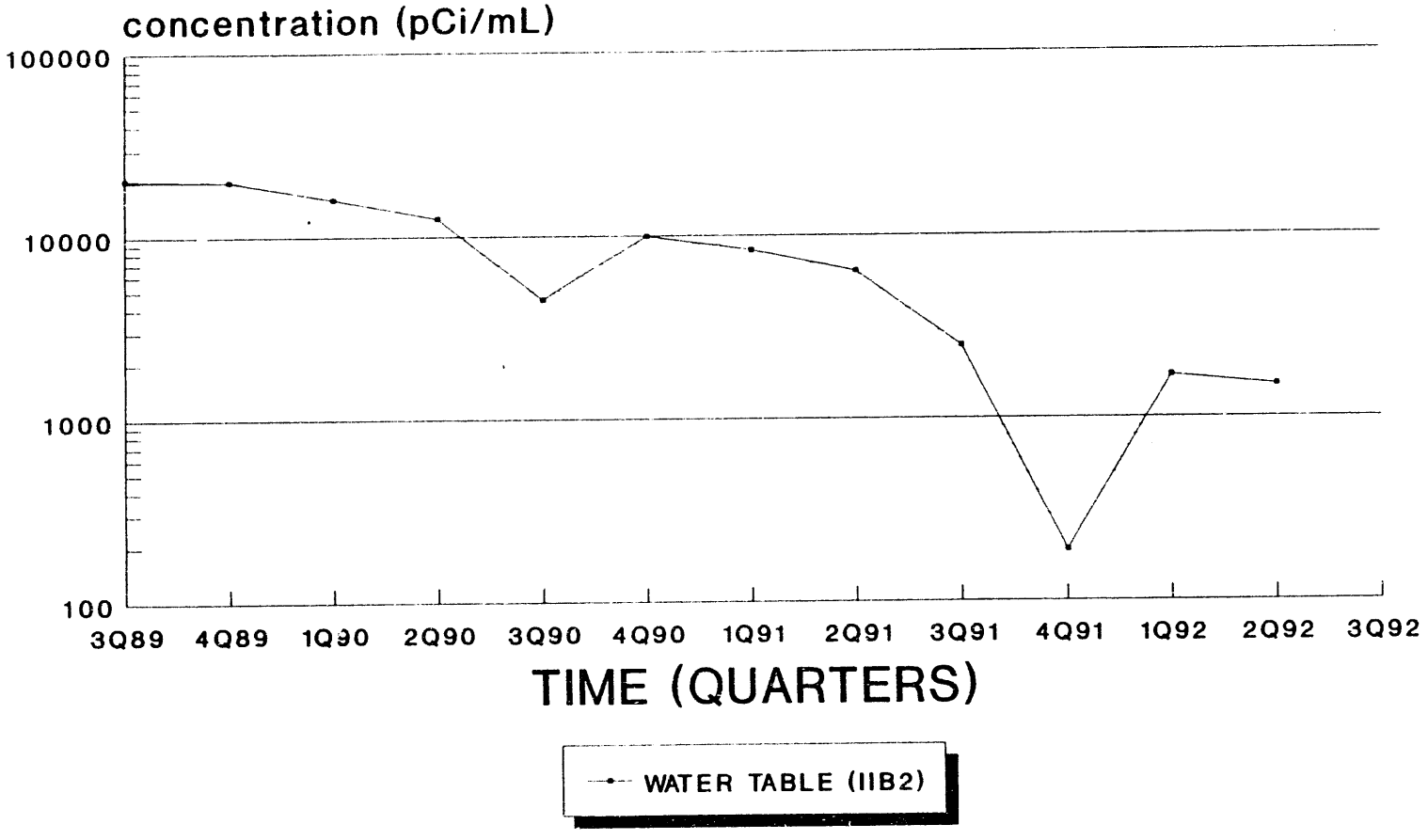
CLUSTER - BGO 31

Tritium



PDWS 20 pCi/mL
empty space denotes no data or dry well

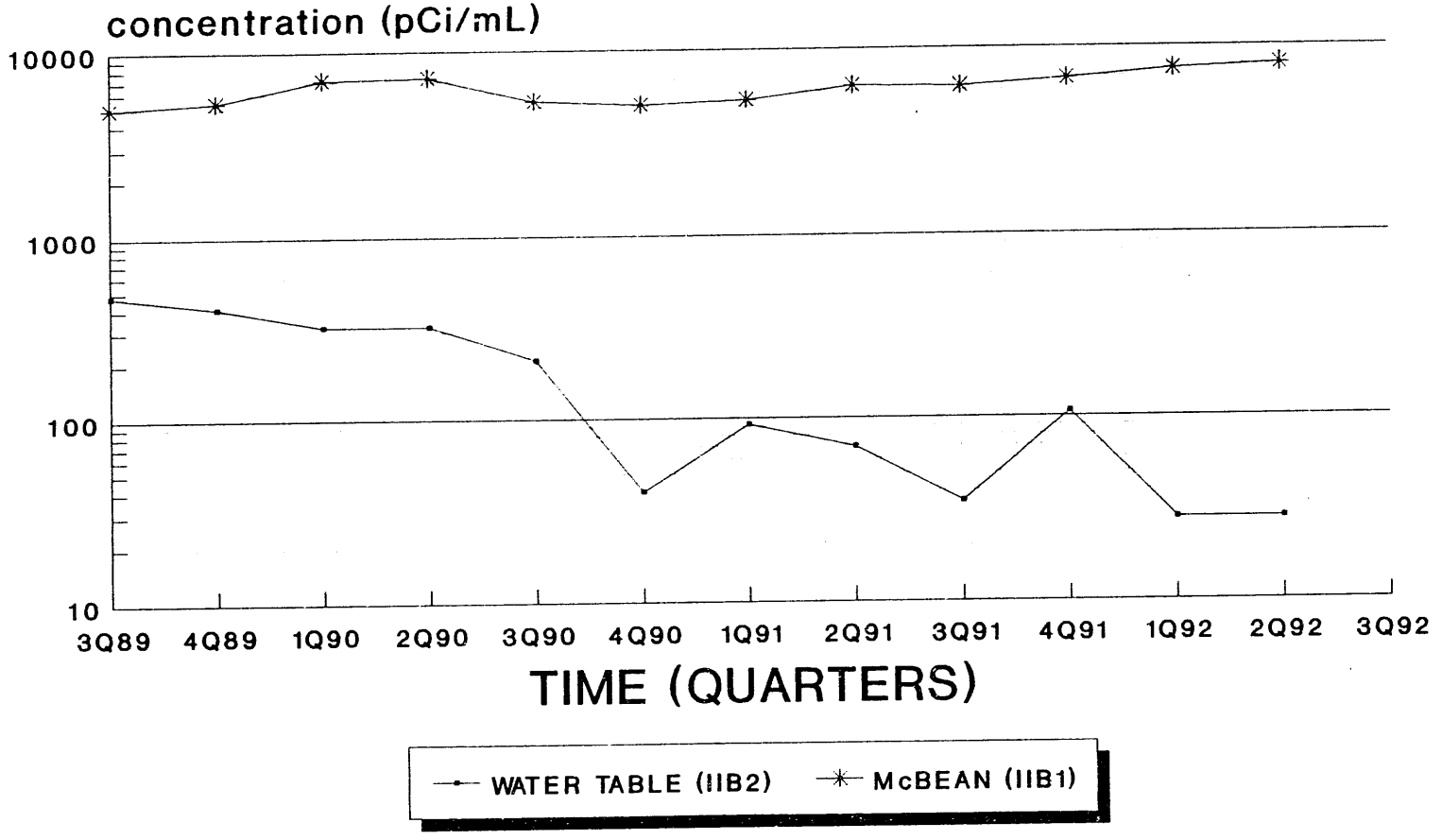
BGO 32D
Tritium



PDWS 20 pCi/mL
empty space denotes no data or dry well

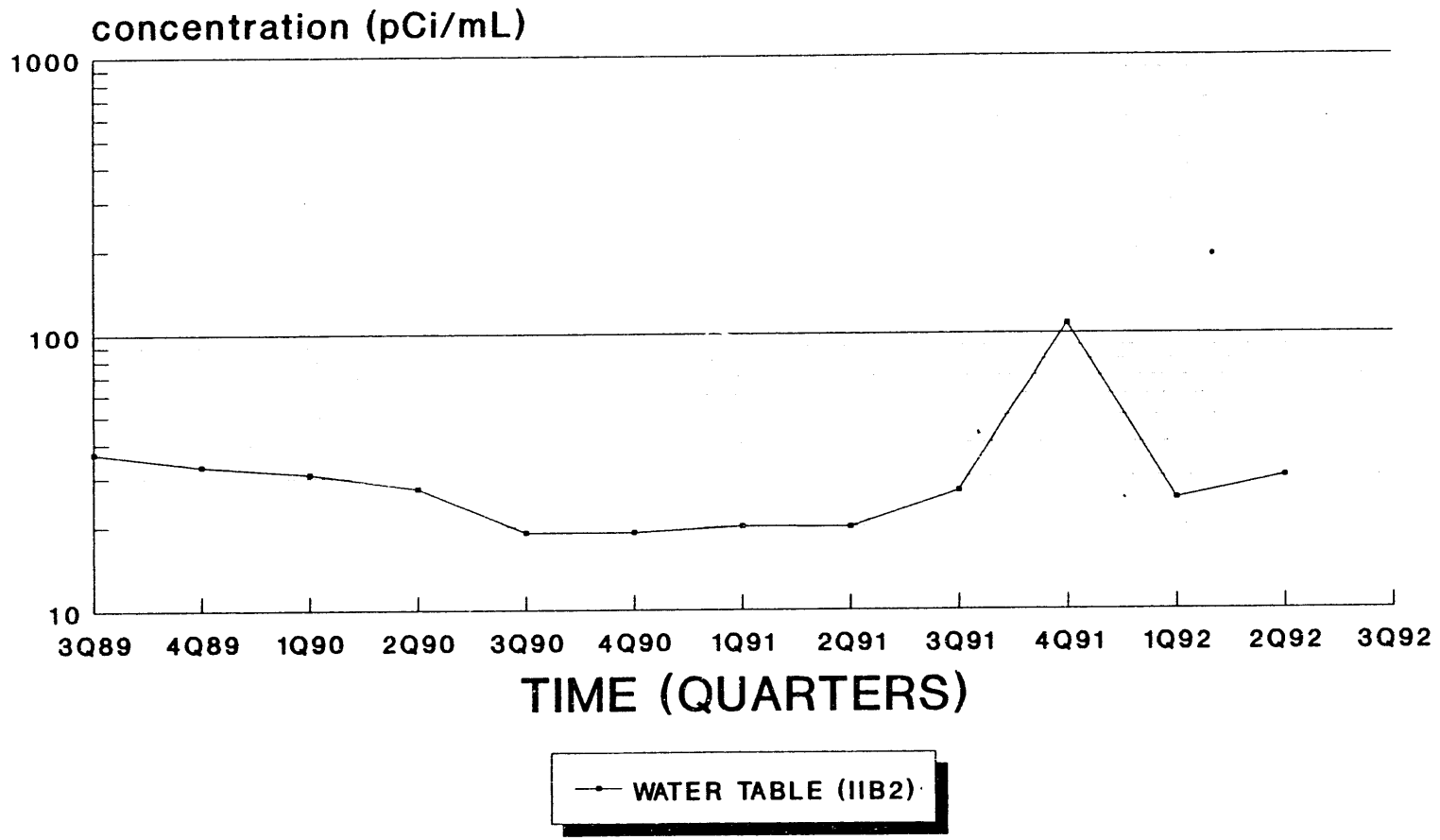
CLUSTER - BGO 33

Tritium



PDWS 20 pCi/mL
empty space denotes no data or dry well

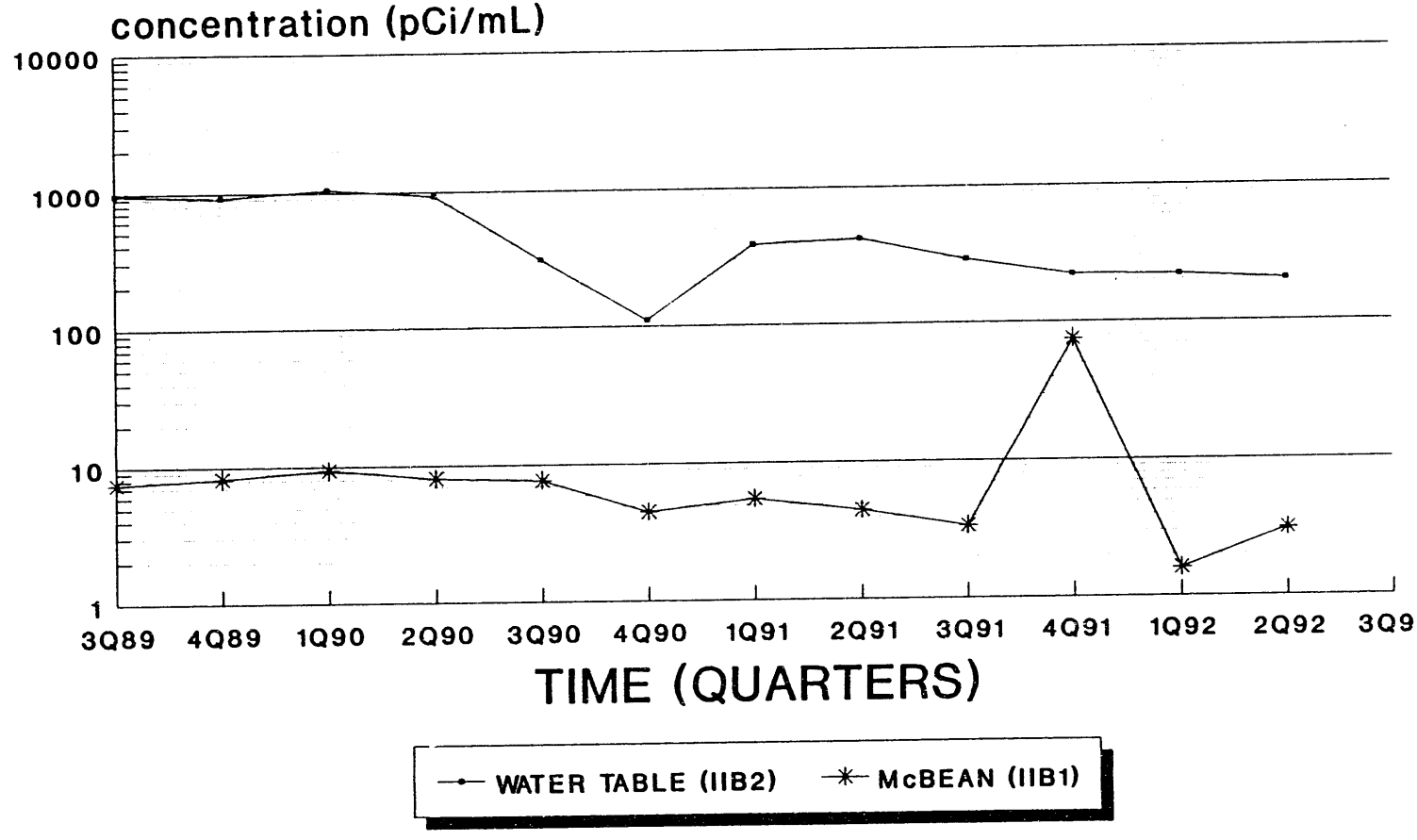
BGO 34D
Tritium



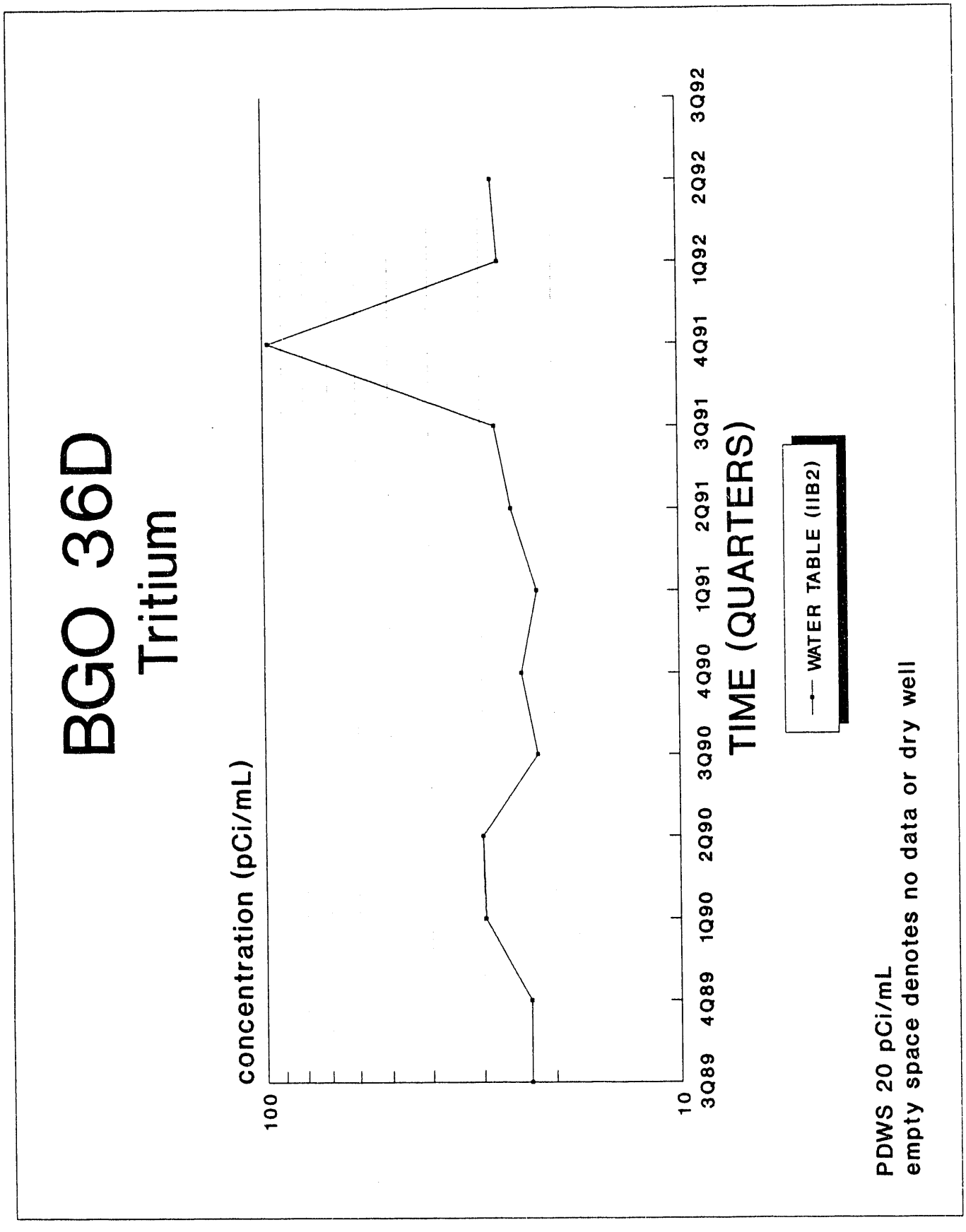
PDWS 20 pCi/mL
empty space denotes no data or dry well

CLUSTER - BGO 35

Tritium

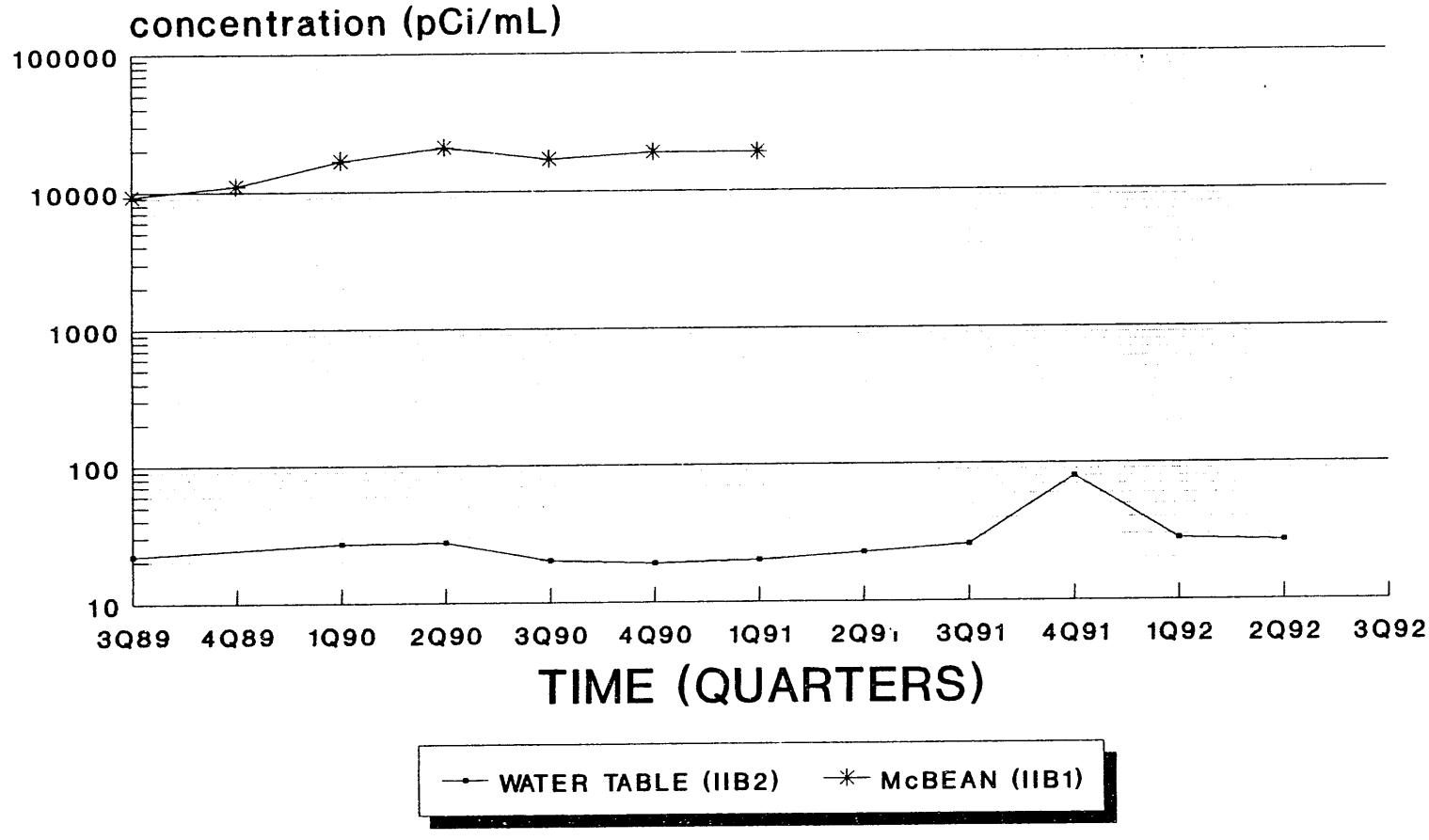


PDWS 20 pCi/mL
empty space denotes no data or dry well


BGO 36D
Tritium
concentration (pCi/mL)
100
10
3Q89
4Q89
1Q90
2Q90
3Q90
4Q90
1Q91
2Q91
3Q91
4Q91
1Q92
2Q92
3Q92
TIME (QUARTERS)
WATER TABLE (IIB2)
PDWS 20 pCi/mL
empty space denotes no data or dry well

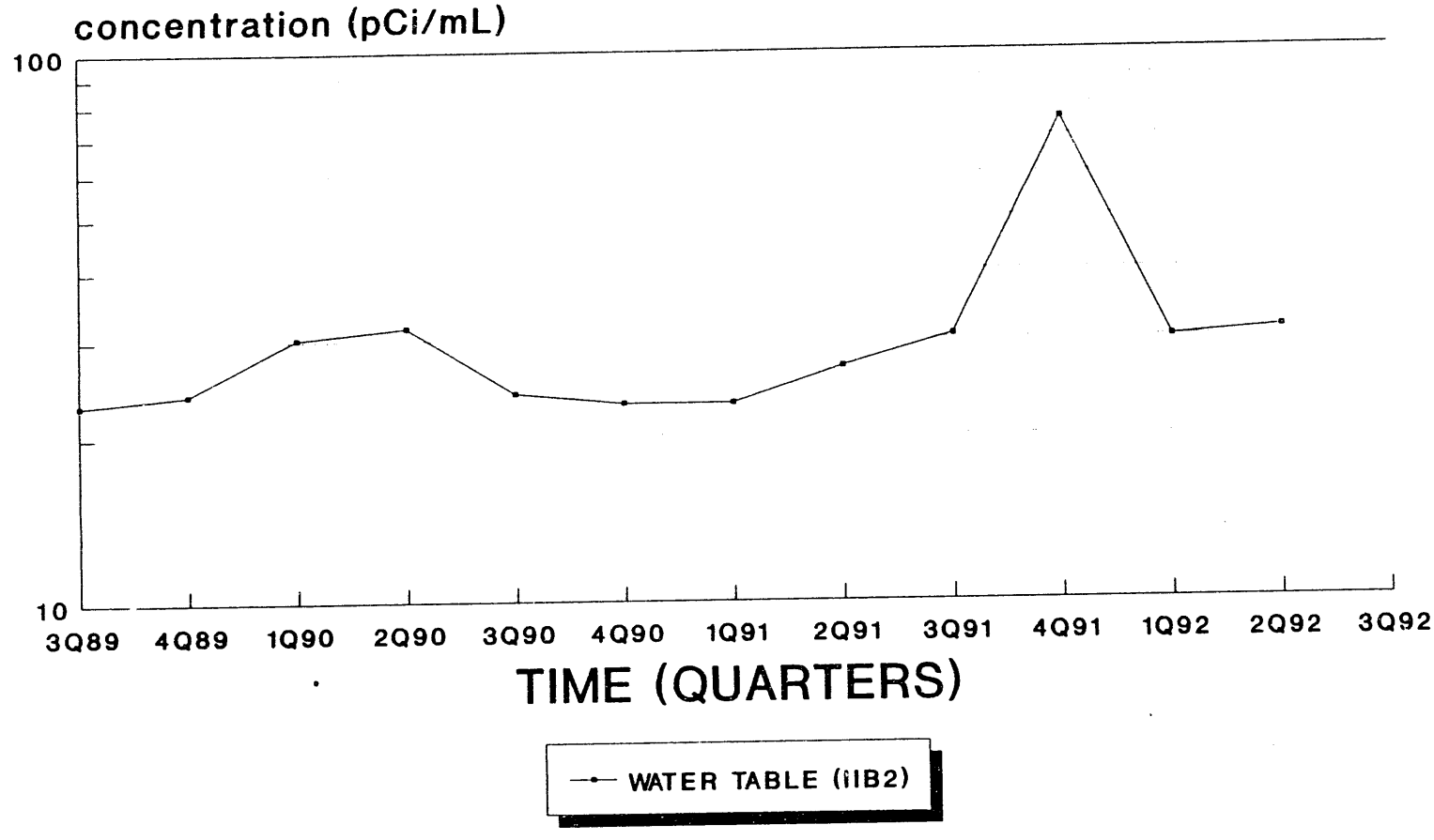
CLUSTER - BGO 37

Tritium



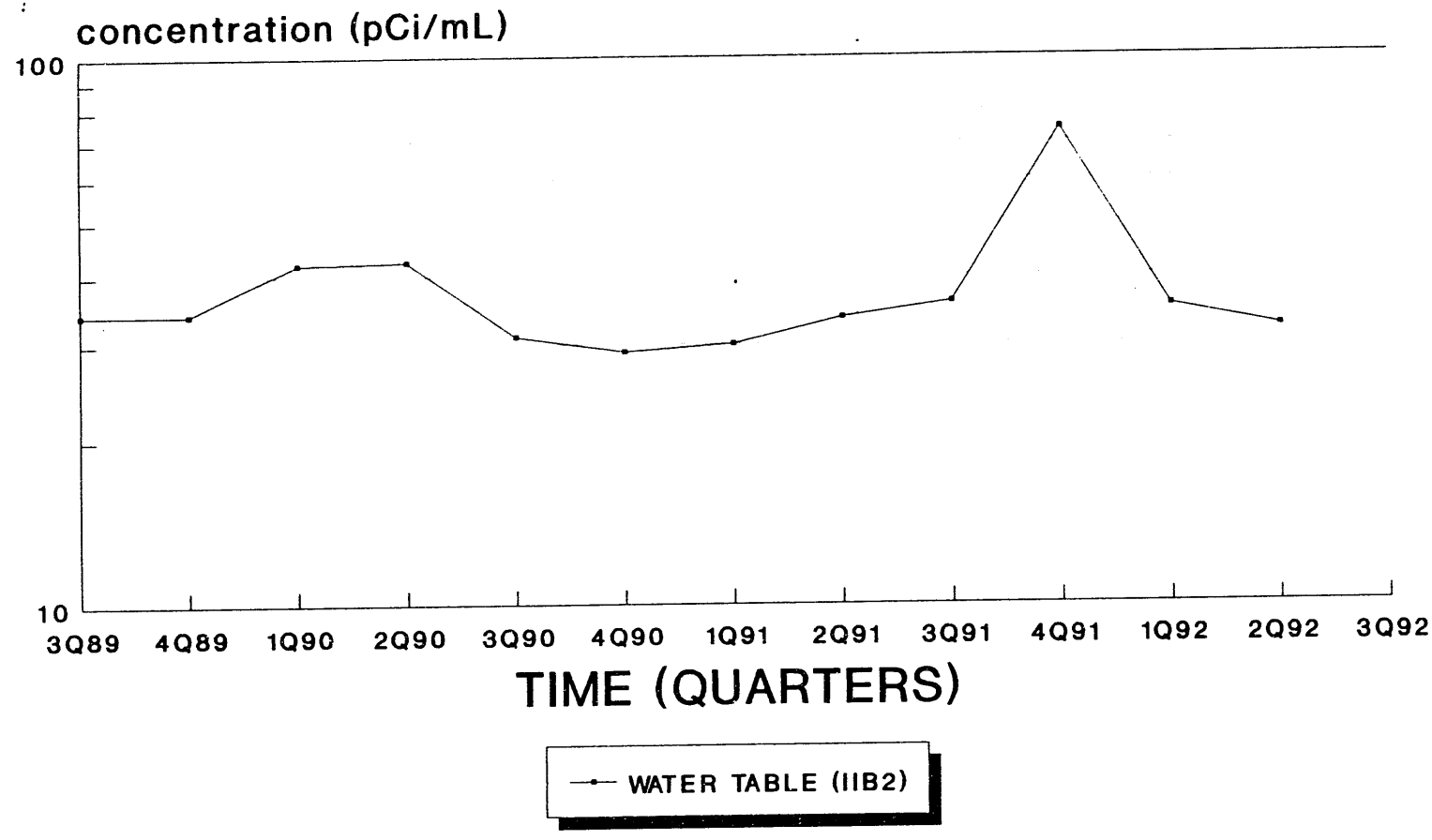
PDWS 20 pCi/mL
empty space denotes no data or dry well

BGO 38D
Tritium



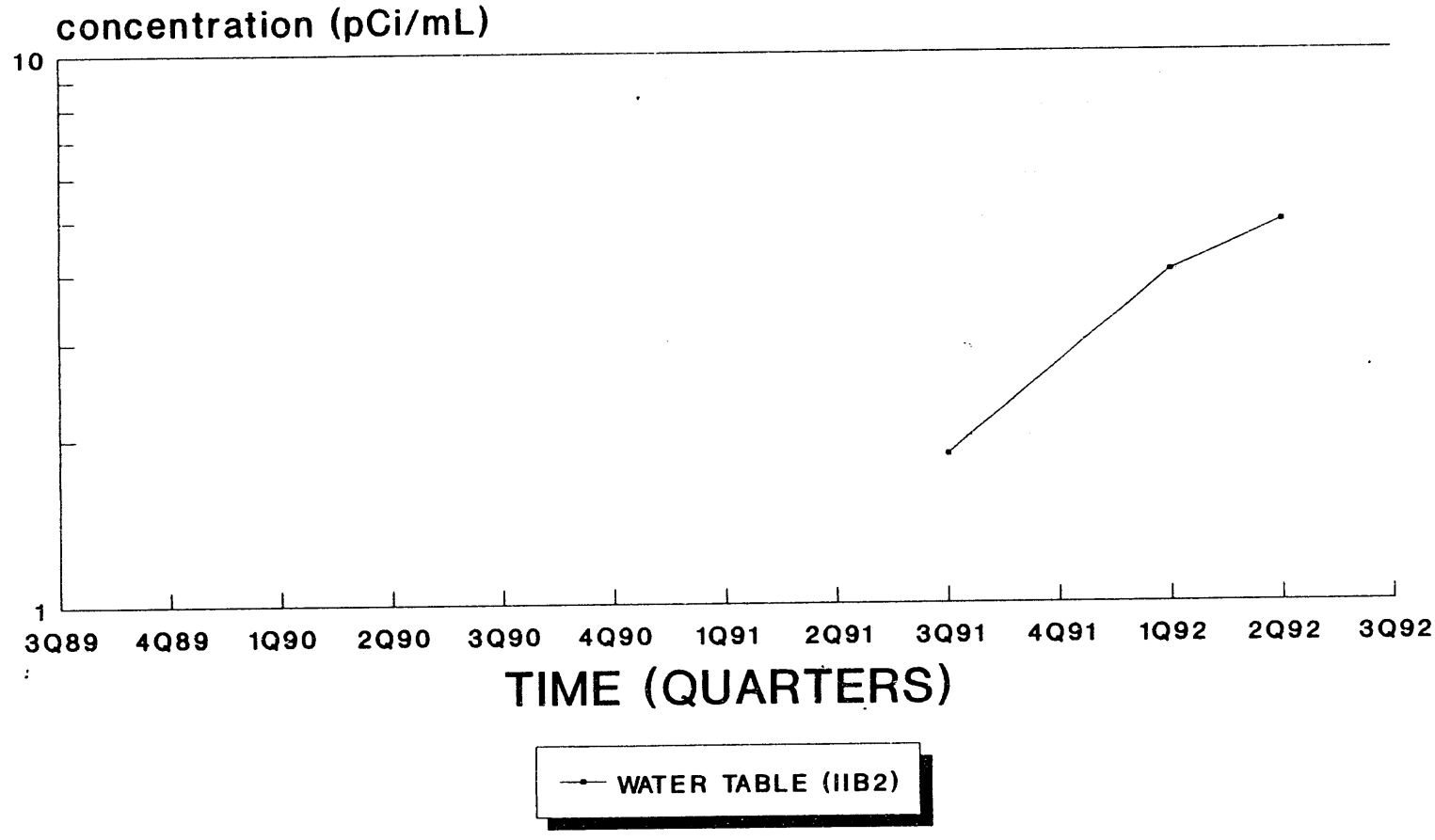
PDWS 20 pCi/mL
empty space denotes no data or dry well

BGO 39D
Tritium



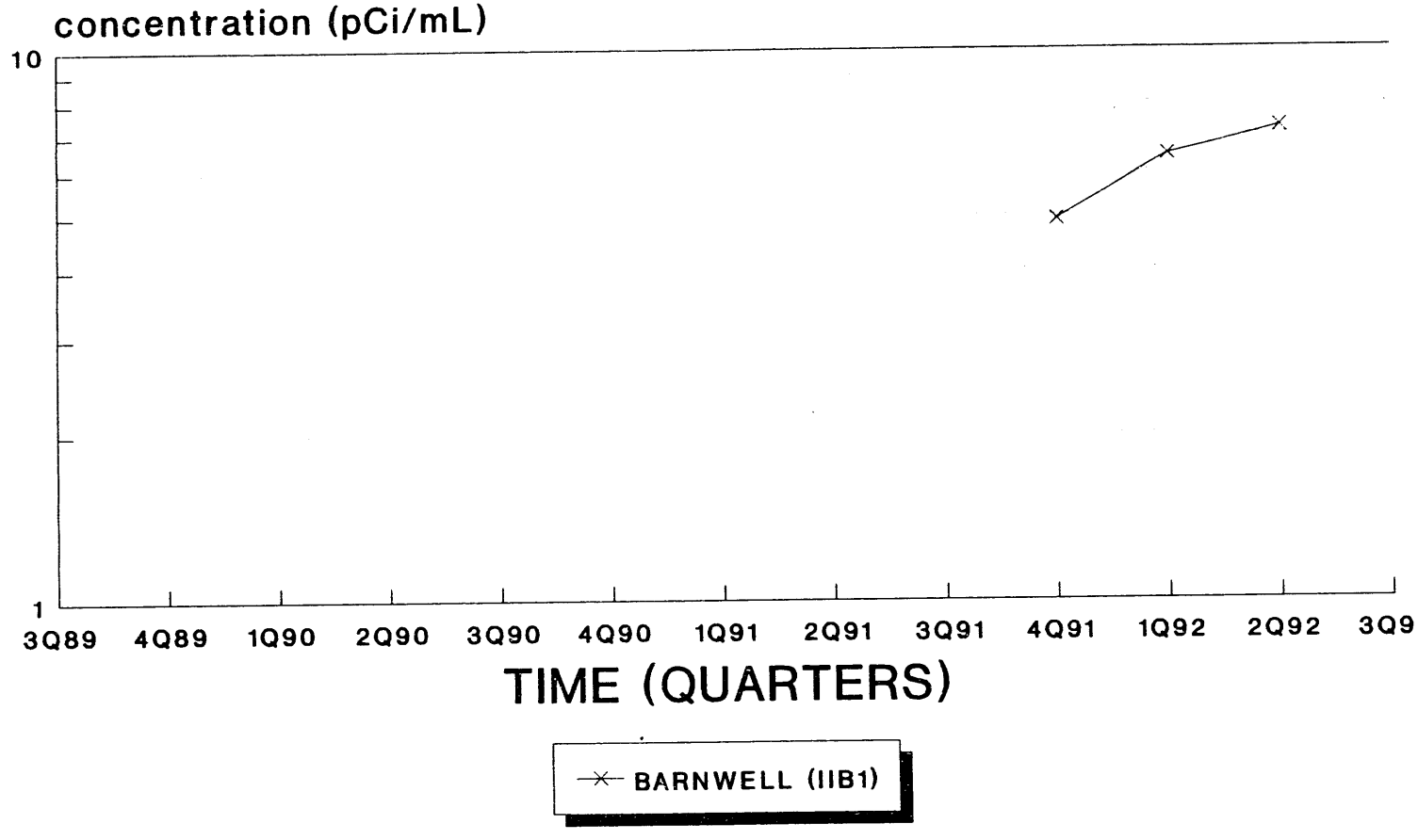
PDWS 20 pCi/mL
empty space denotes no data or dry well

BGO 40D
Tritium



PDWS 20 pCi/mL
empty space denotes no data or dry well

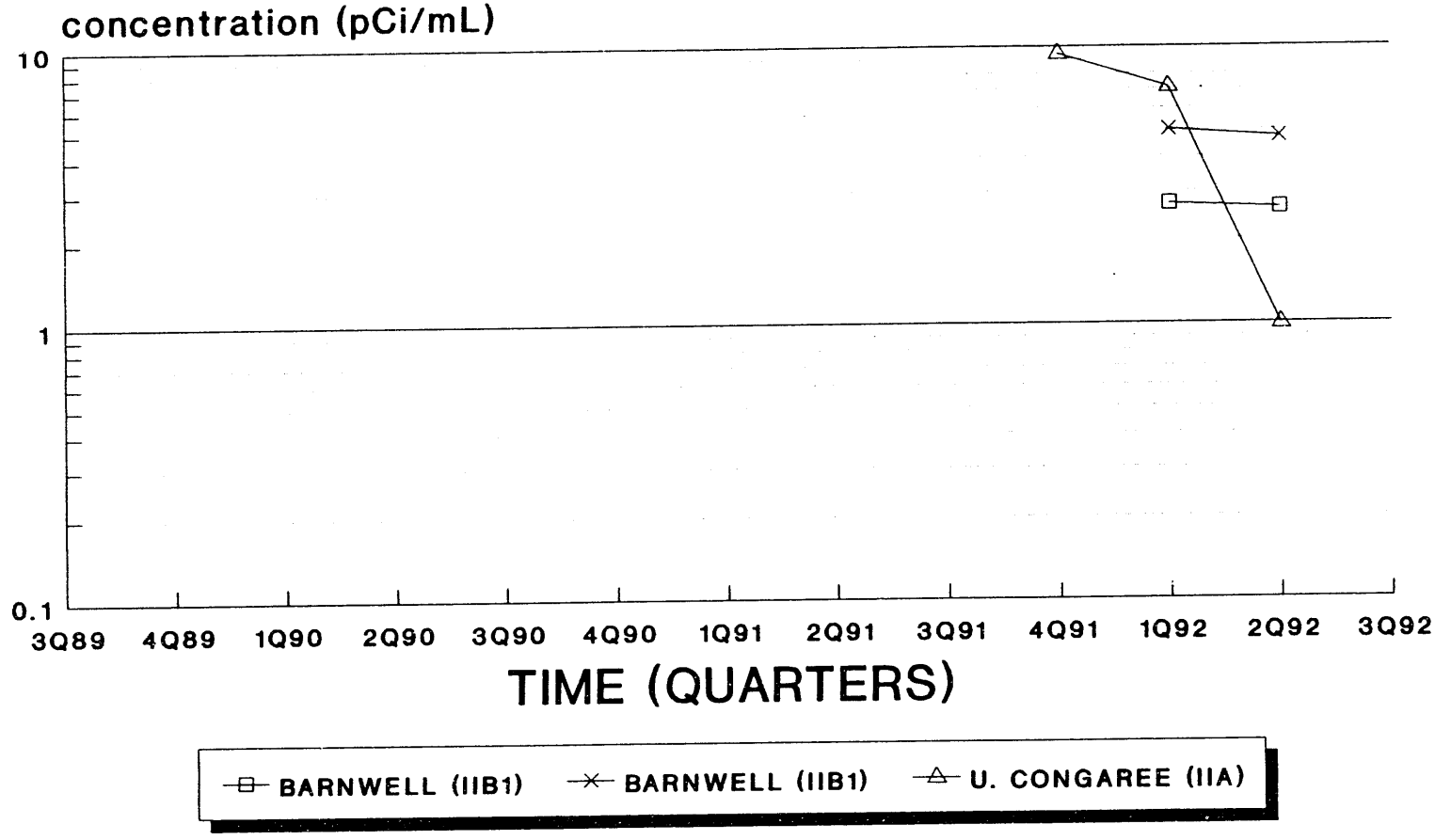
BGO 42C
Tritium



PDWS 20 pCi/mL
empty space denotes no data or dry well

CLUSTER - BGO 43

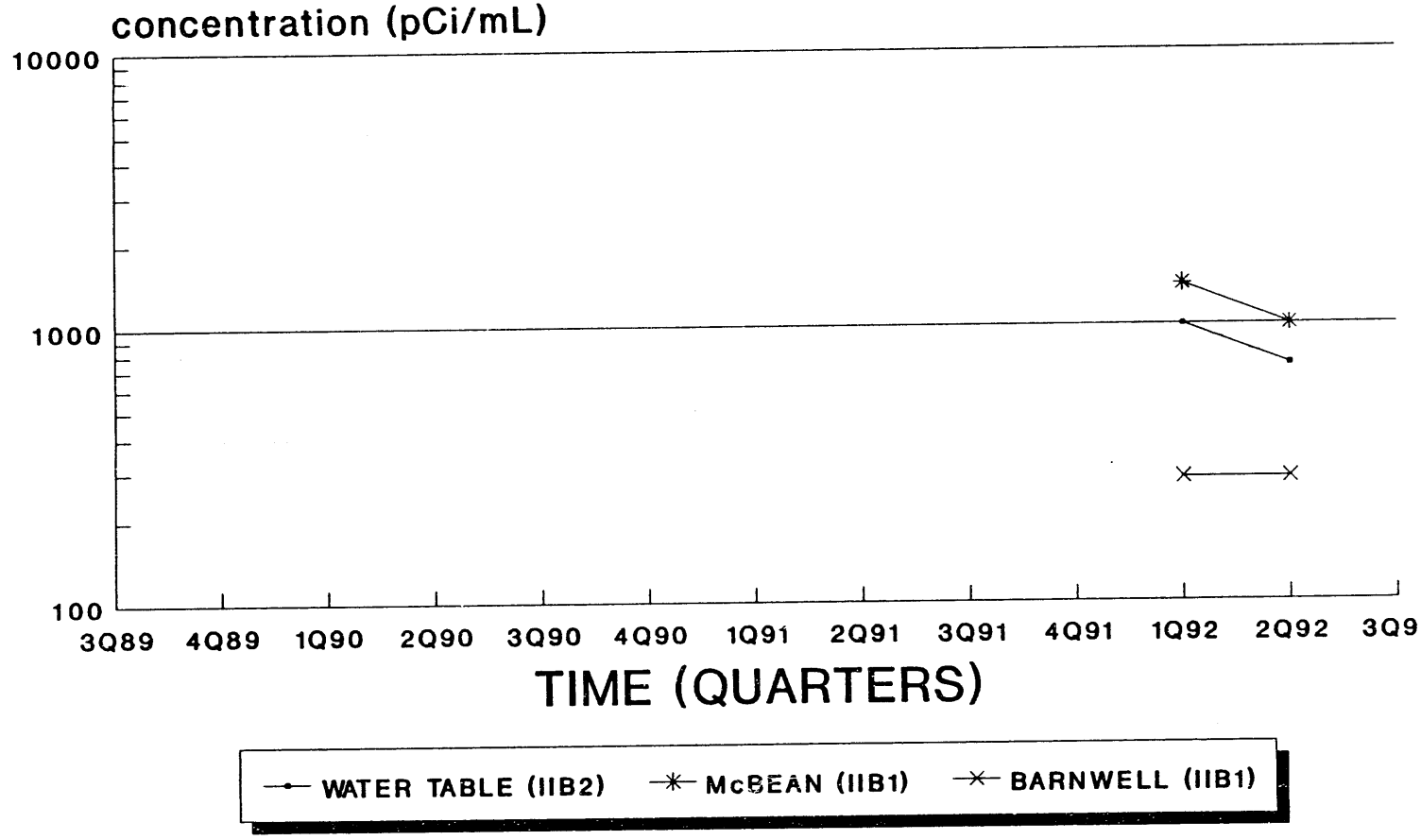
Tritium



PDWS 20 pCi/mL
empty space denotes no data or dry well

CLUSTER - BGO 44

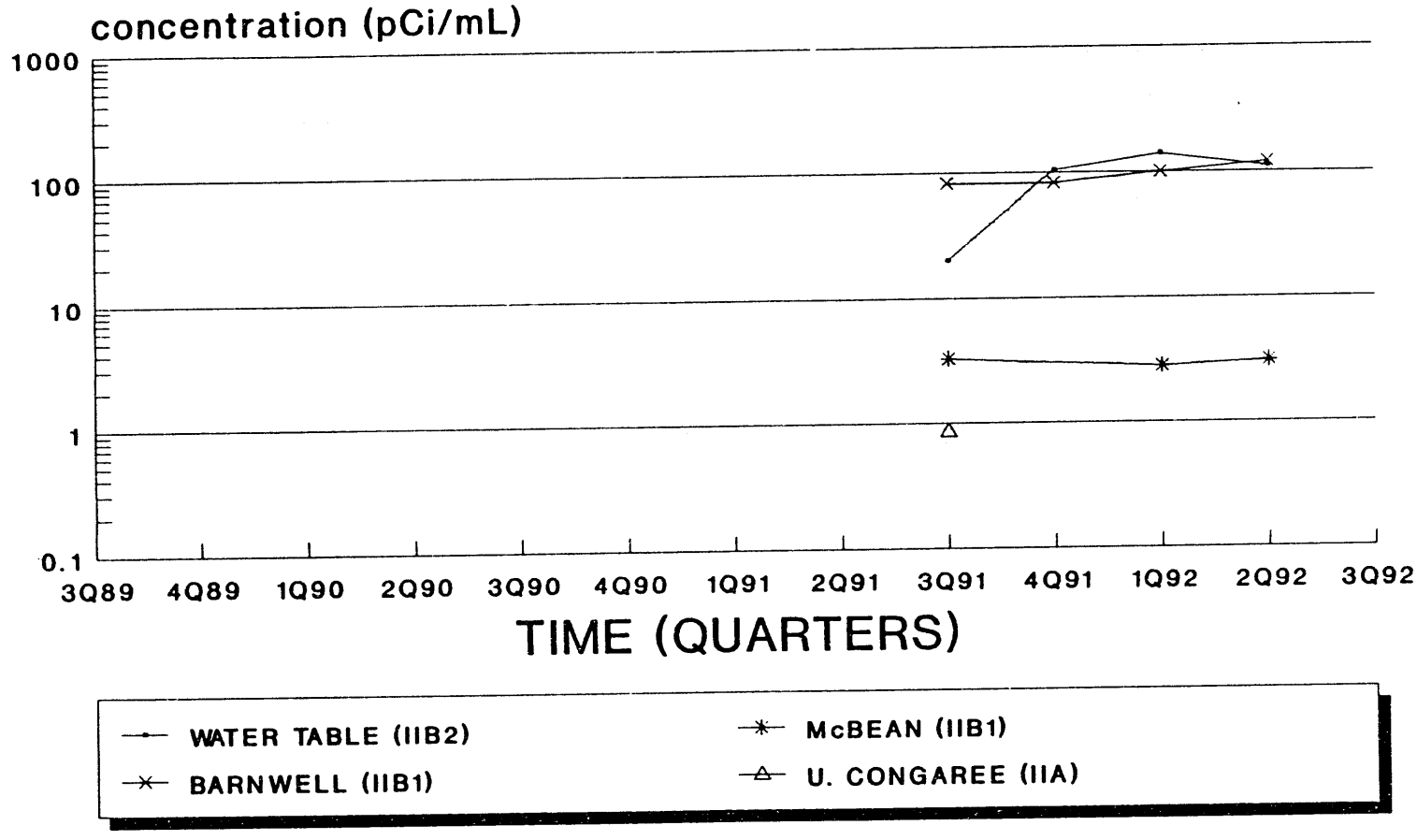
Tritium



PDWS 20 pCi/mL
empty space denotes no data or dry well

CLUSTER - BGO 45

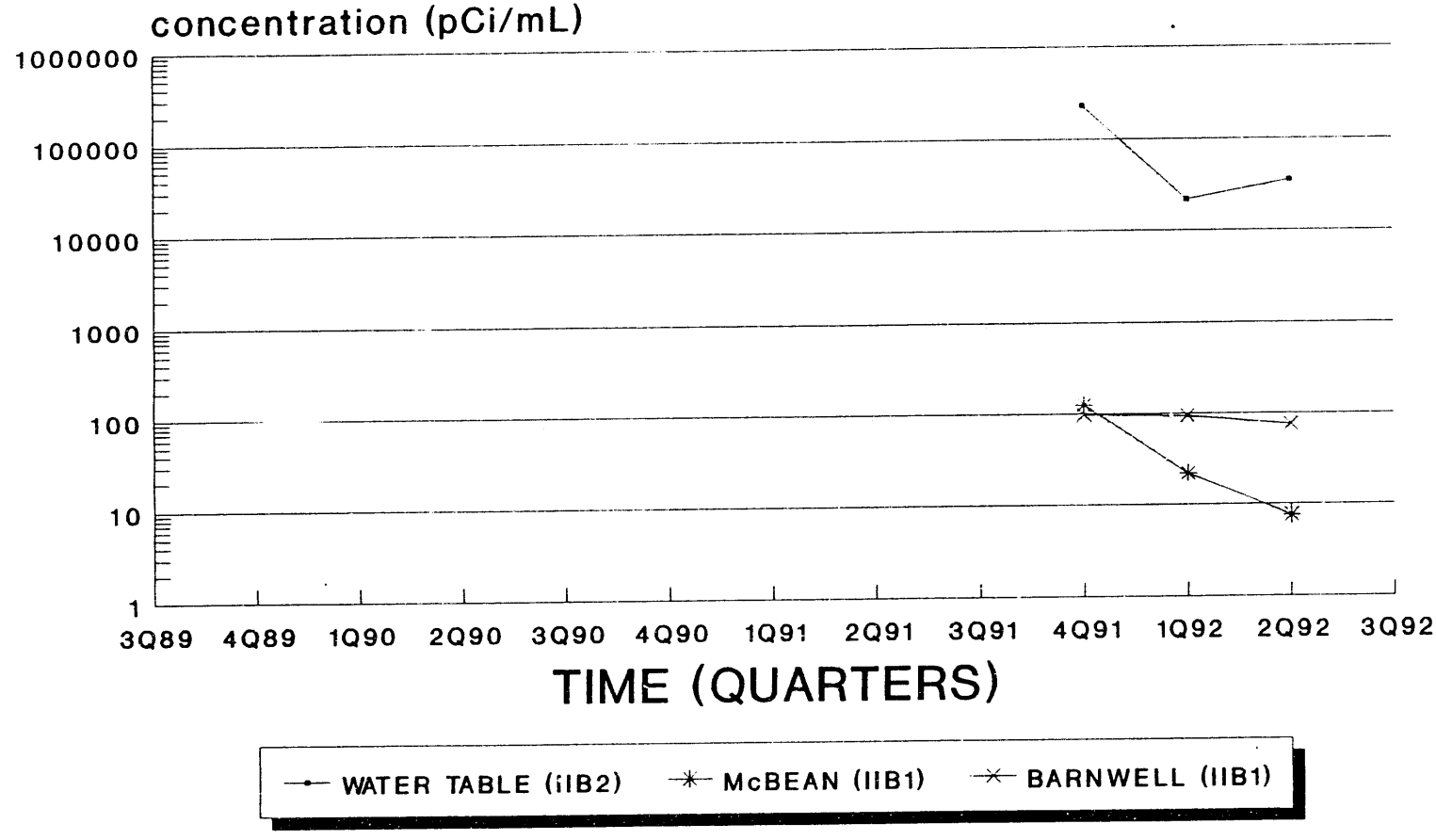
Tritium



PDWS 20 pCi/mL
empty space denotes no data or dry well

CLUSTER - BGO 46

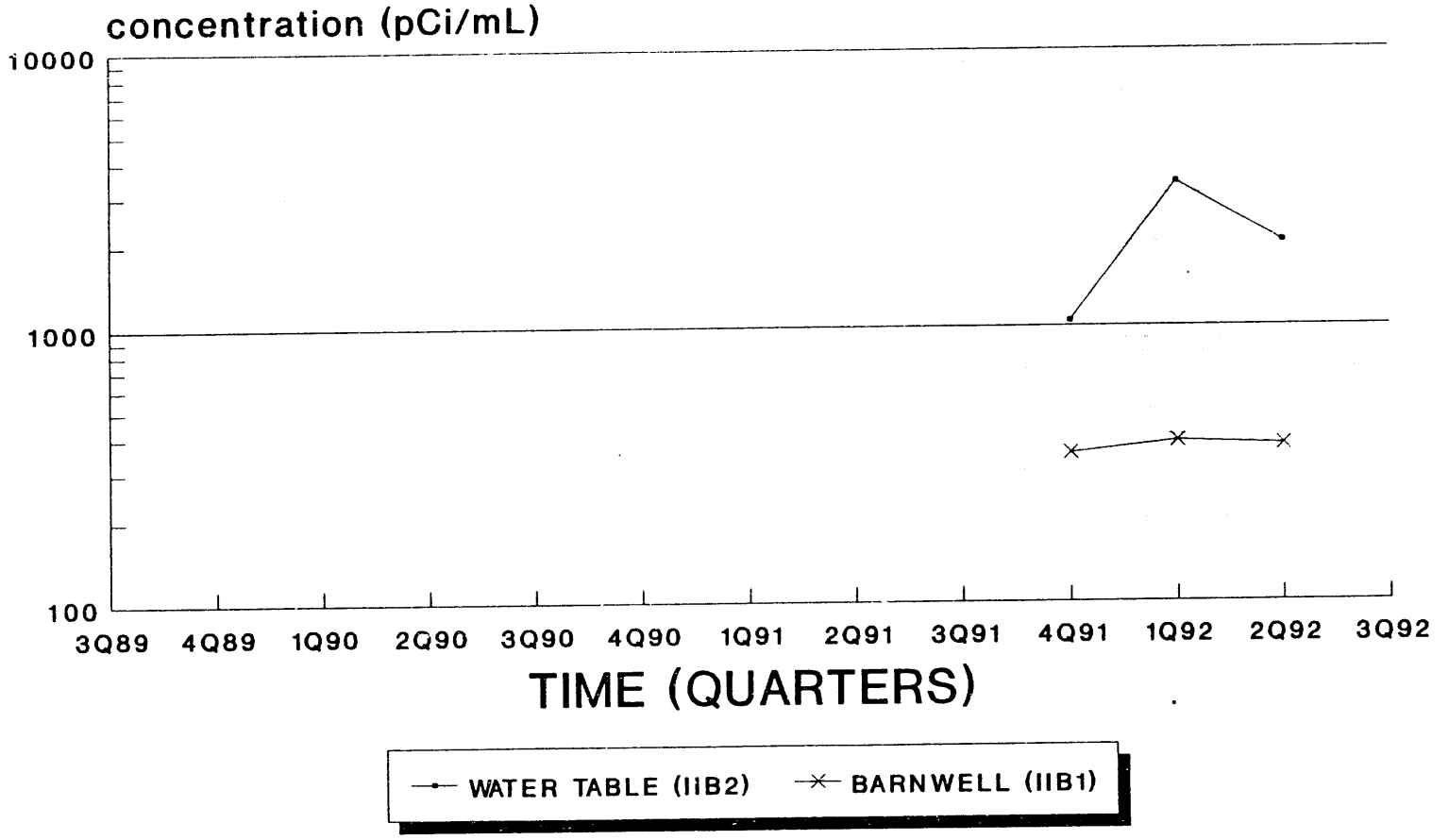
Tritium



PDWS 20 pCi/mL
empty space denotes no data or dry well

CLUSTER - BGO 47

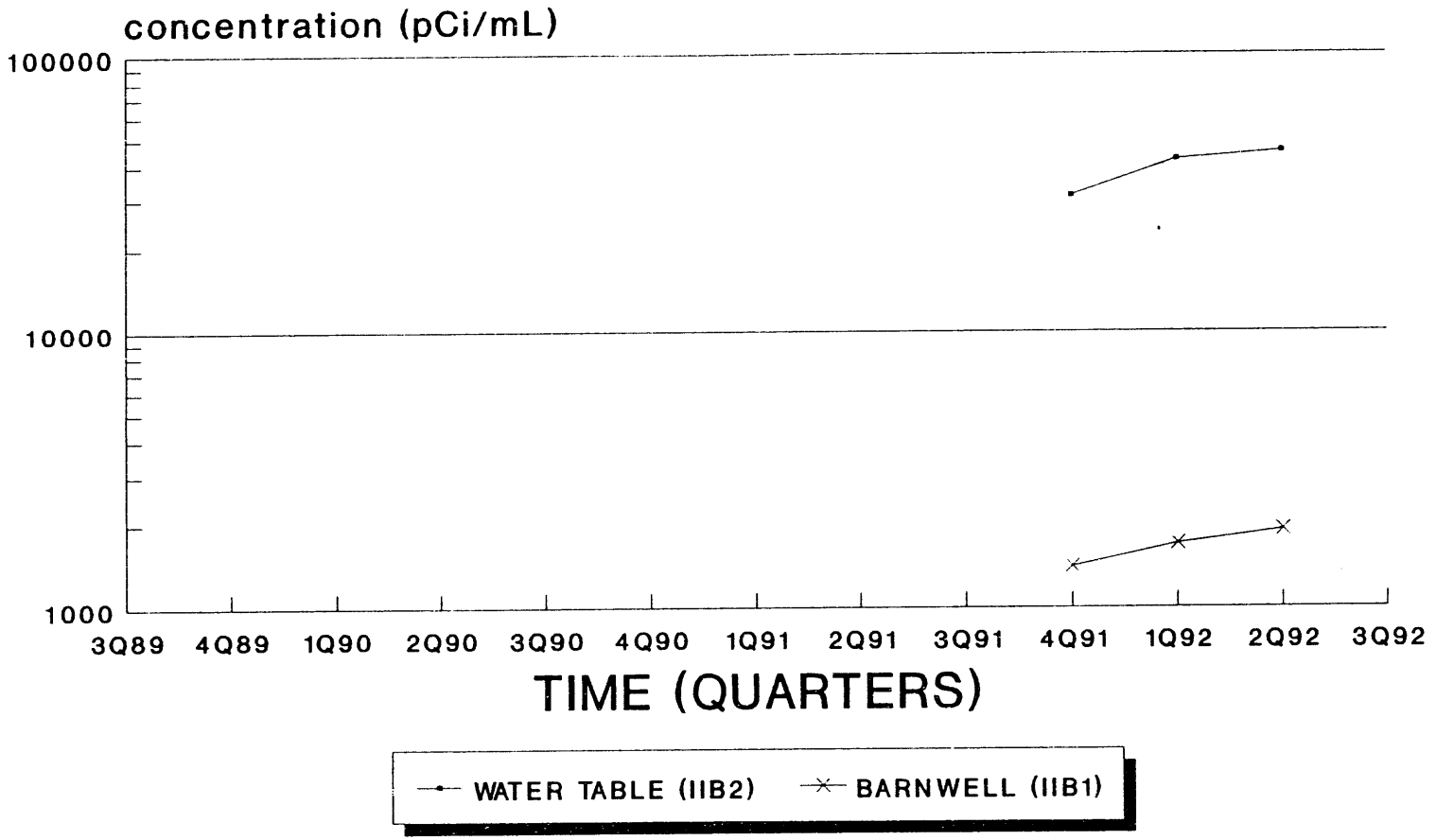
Tritium



PDWS 20 pCi/mL
empty space denotes no data or dry well

CLUSTER - BGO 48

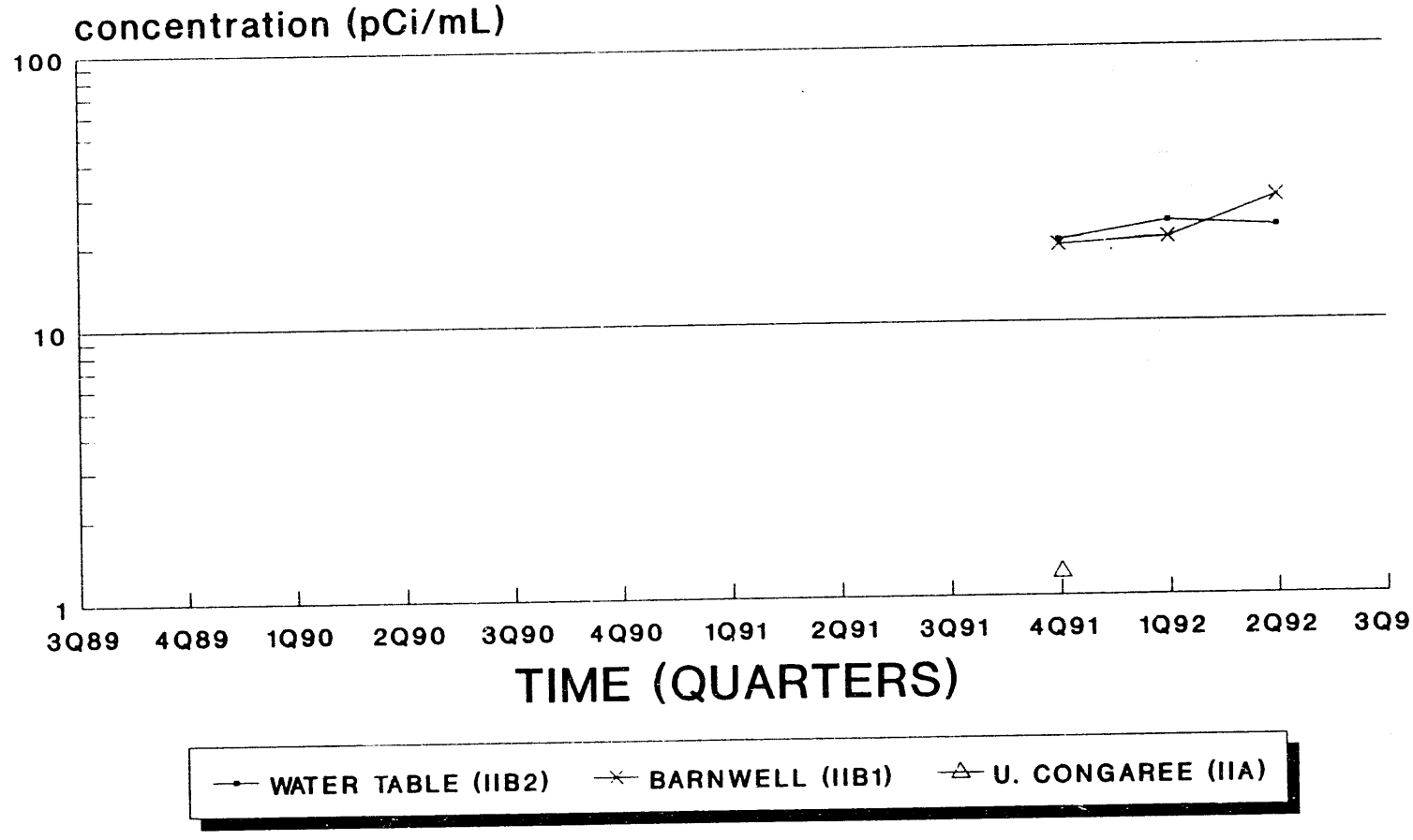
Tritium



PDWS 20 pCi/mL
empty space denotes no data or dry well

CLUSTER - BGO 49

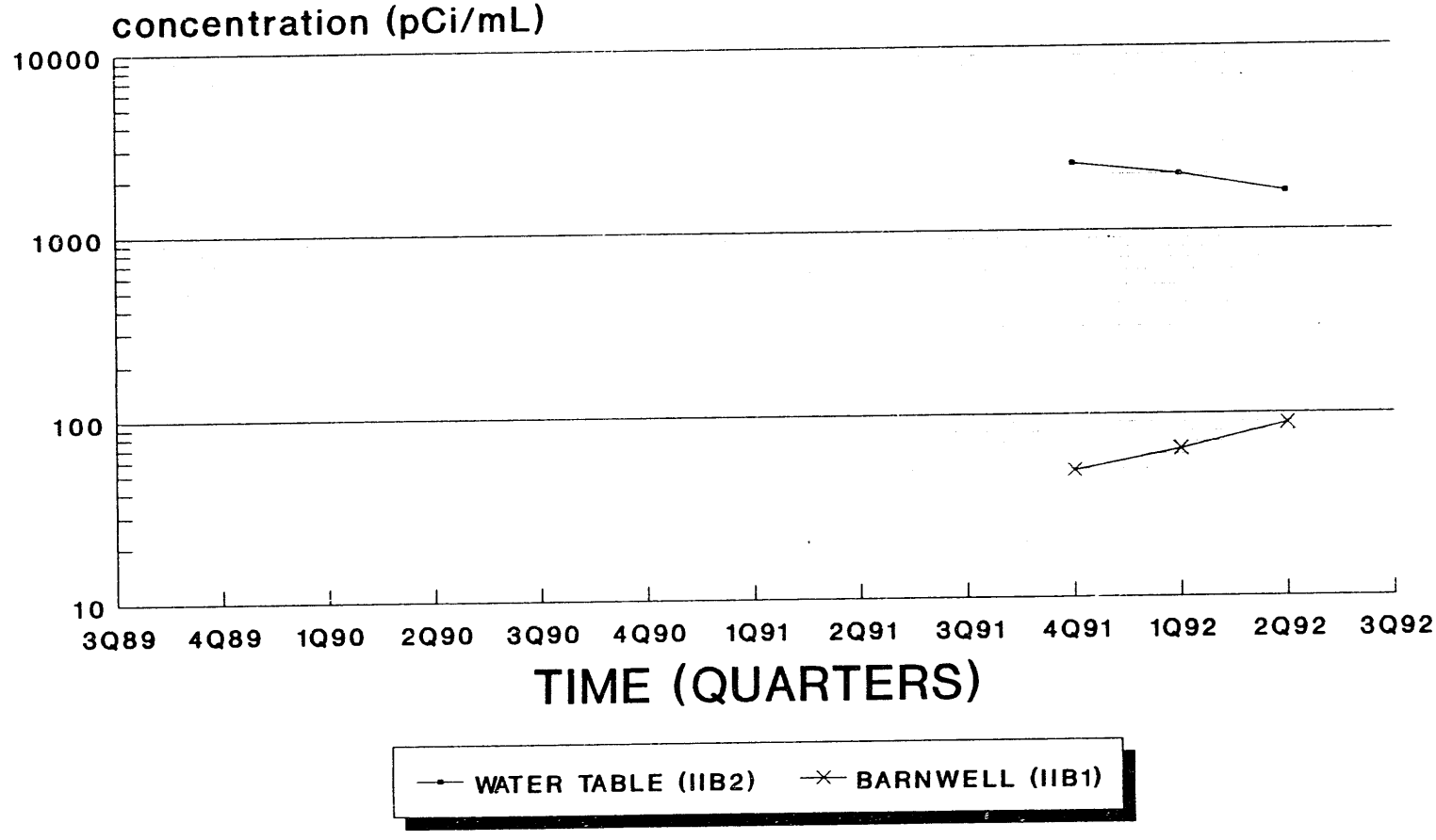
Tritium



PDWS 20 pCi/mL
empty space denotes no data or dry well

CLUSTER - BGO 50

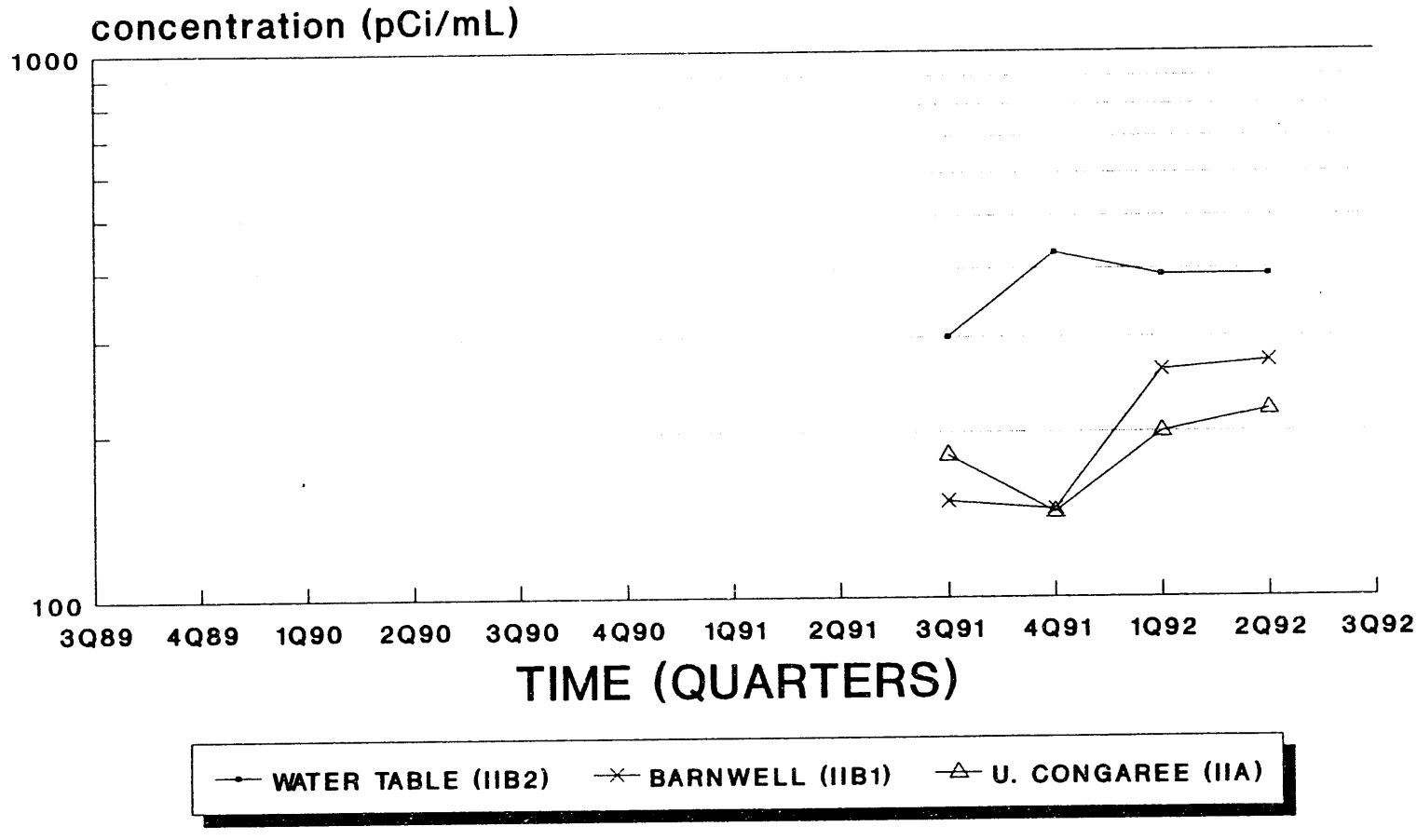
Tritium



PDWS 20 pCi/mL
empty space denotes no data or dry well

CLUSTER - BGX 1

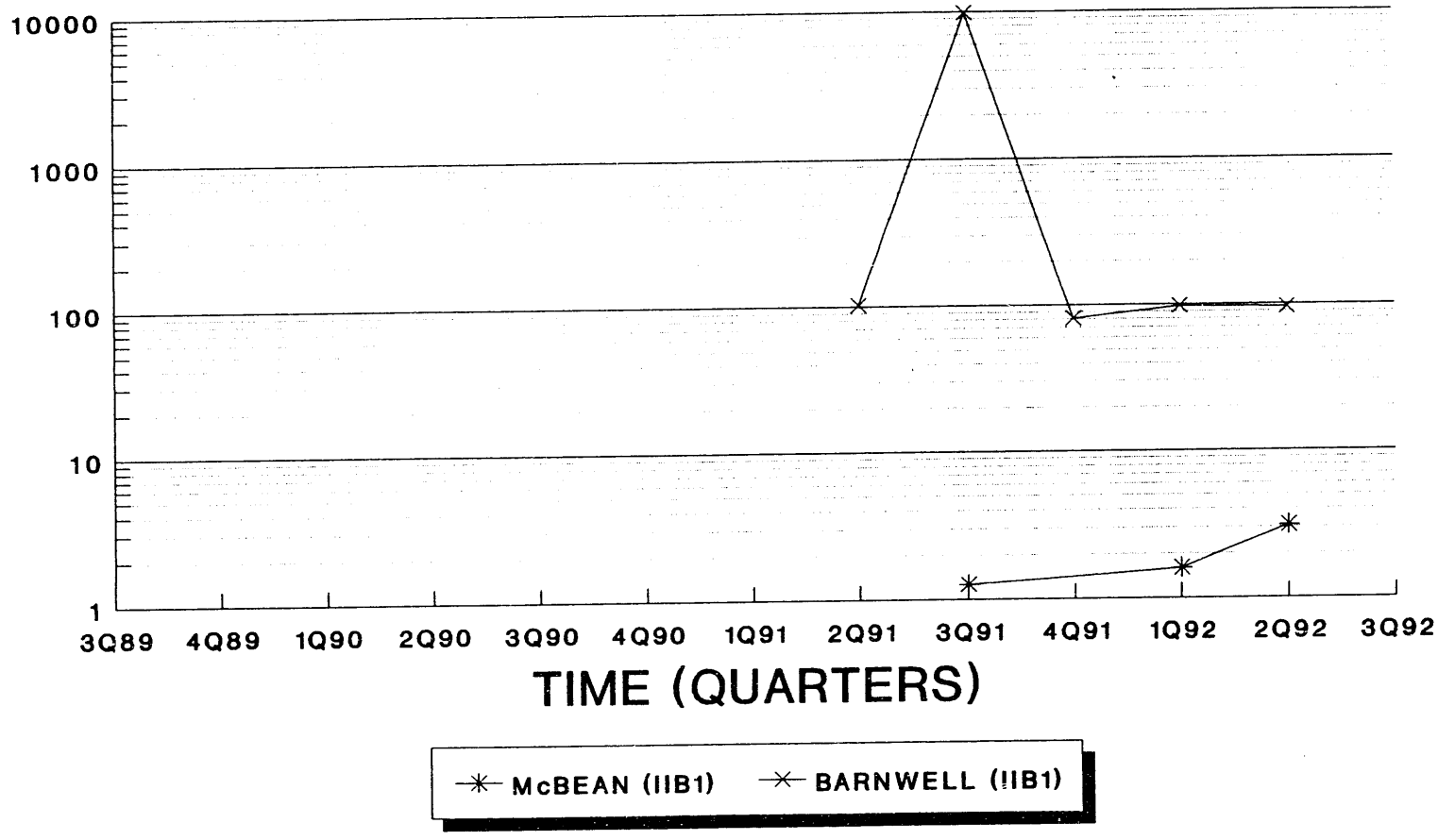
Tritium



PDWS 20 pCi/mL
empty space denotes no data or dry well

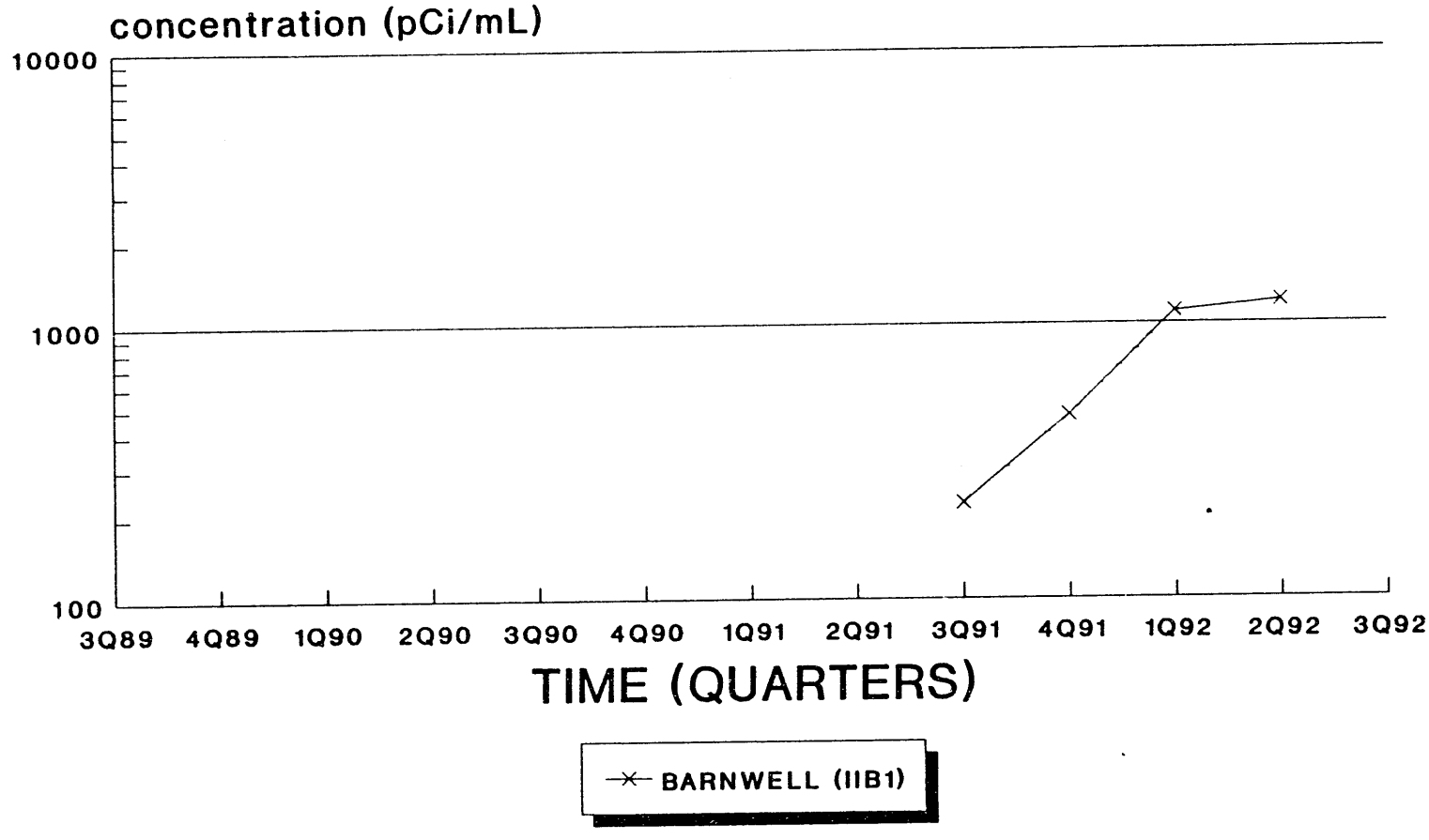
CLUSTER - BGX 2

Tritium



PDWS 20 pCi/mL
empty space denotes no data or dry well

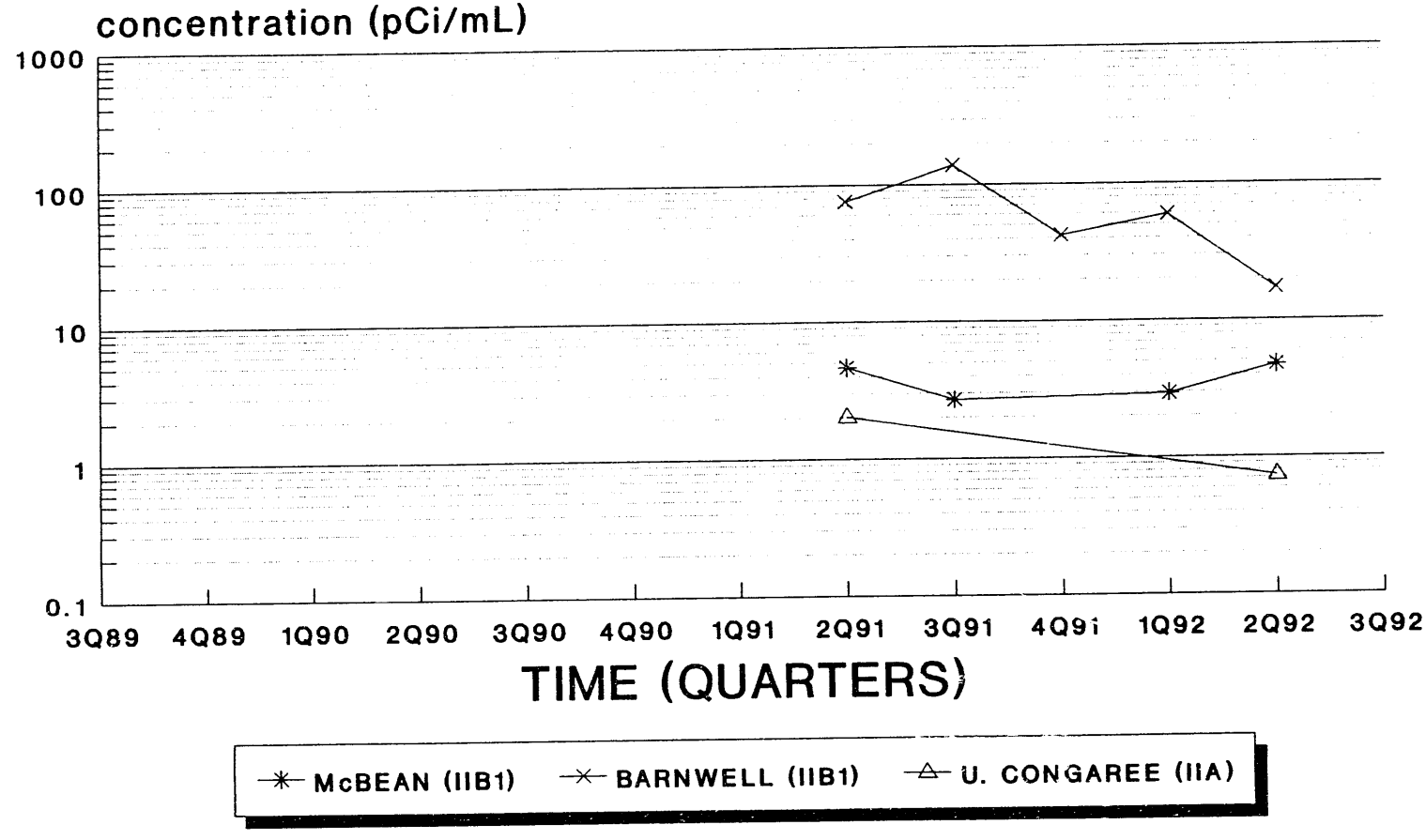
BGX 3D
Tritium



PDWS 20 pCi/mL
empty space denotes no data or dry well

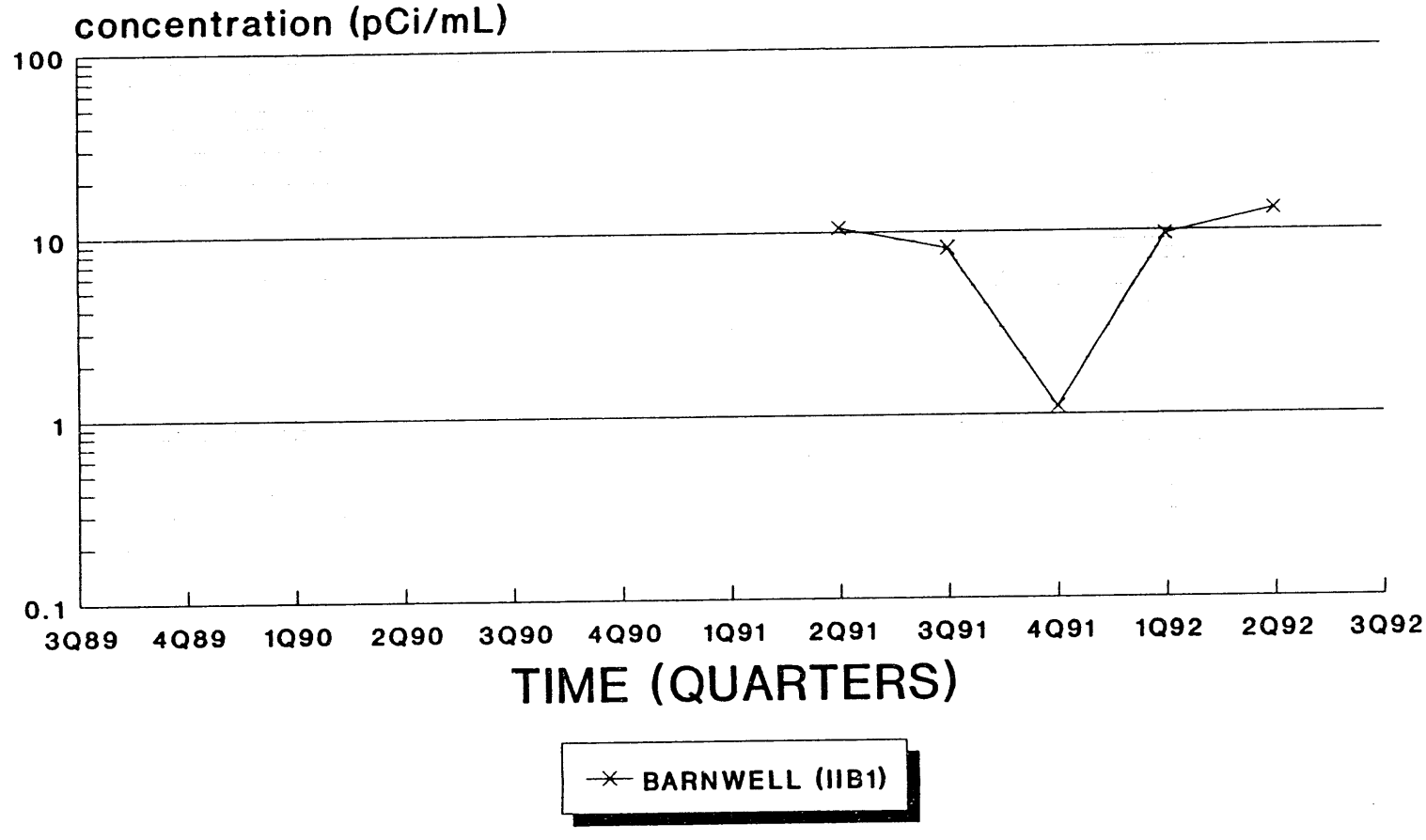
CLUSTER - BGX 4

Tritium



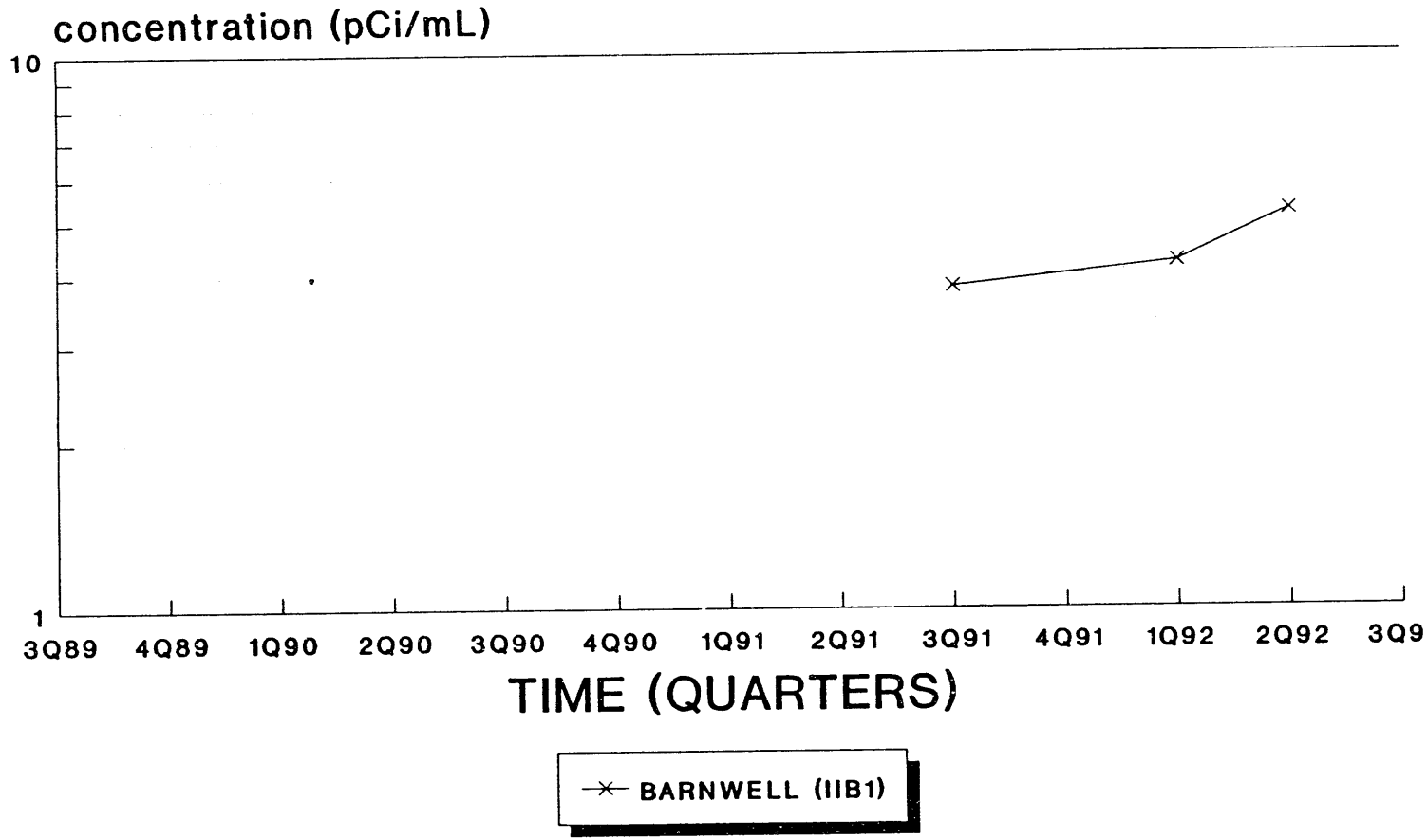
PDWS 20 pCi/mL
empty space denotes no data or dry well

BGX 5D
Tritium



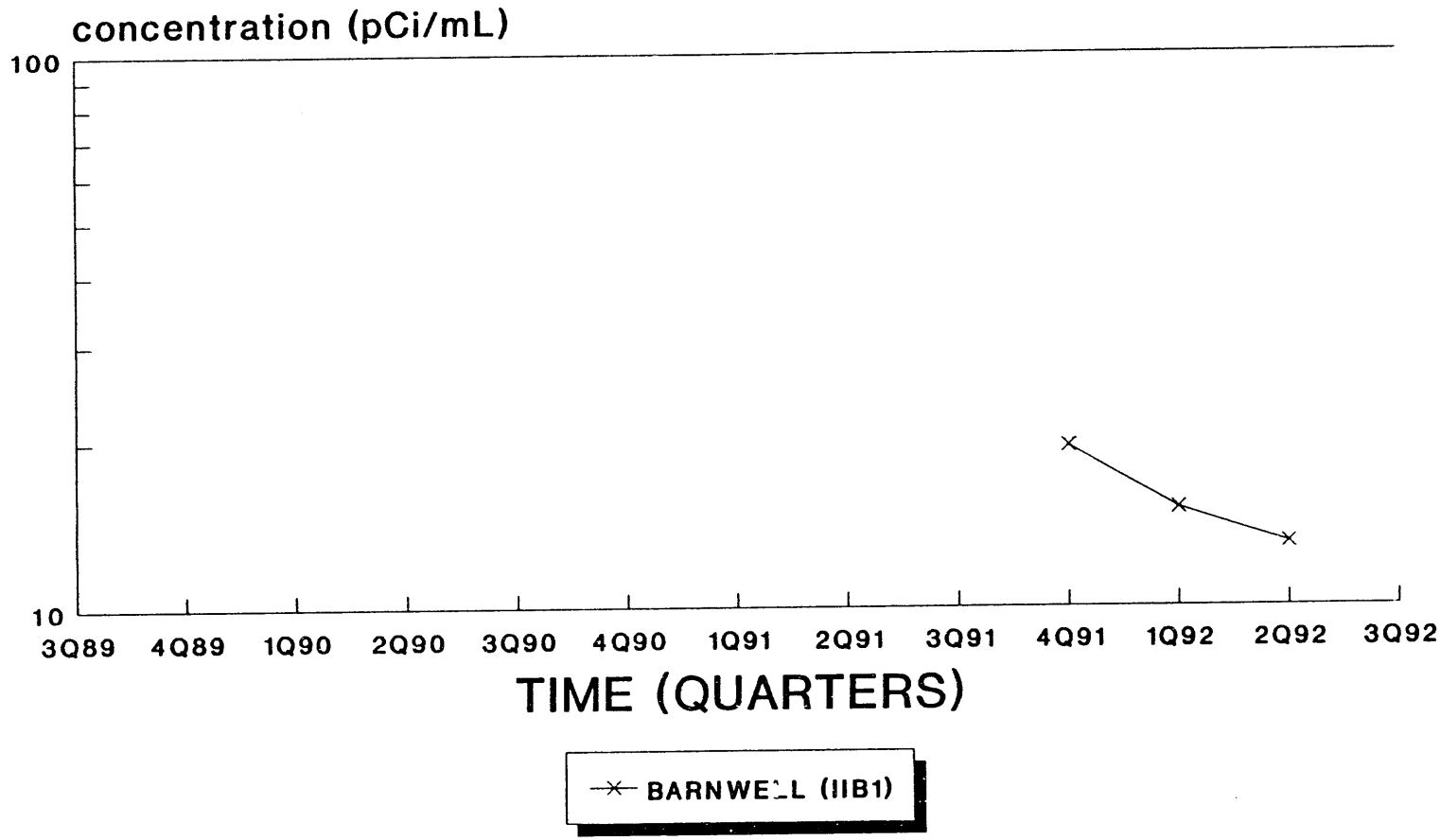
PDWS 20 pCi/mL
empty space denotes no data or dry well

BGX 6D
Tritium



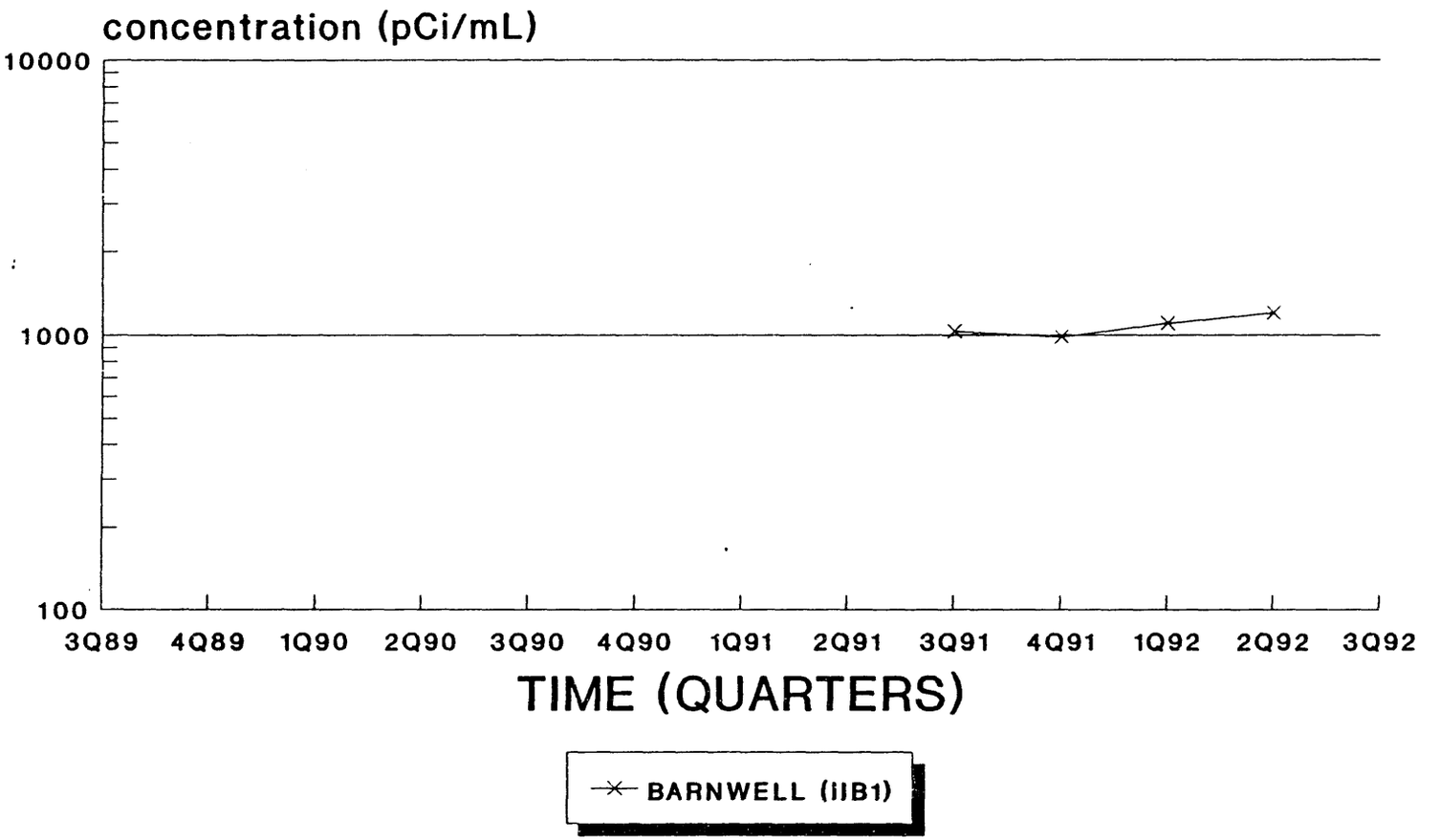
PDWS 20 pCi/mL
empty space denotes no data or dry well

BGX 7D
Tritium



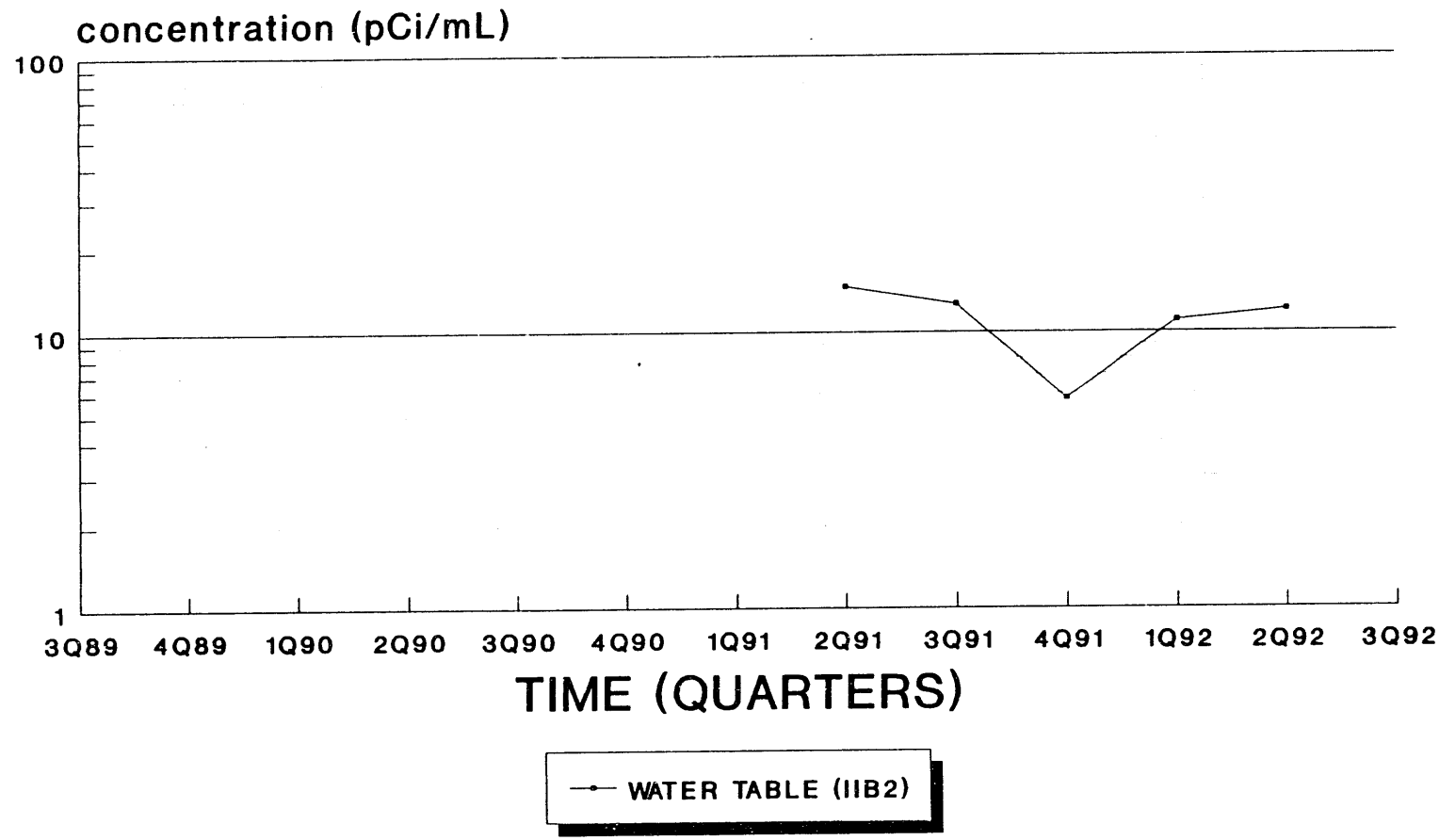
PDWS 20 pCi/mL
empty space denotes no data or dry well

BGX 8DR
Tritium



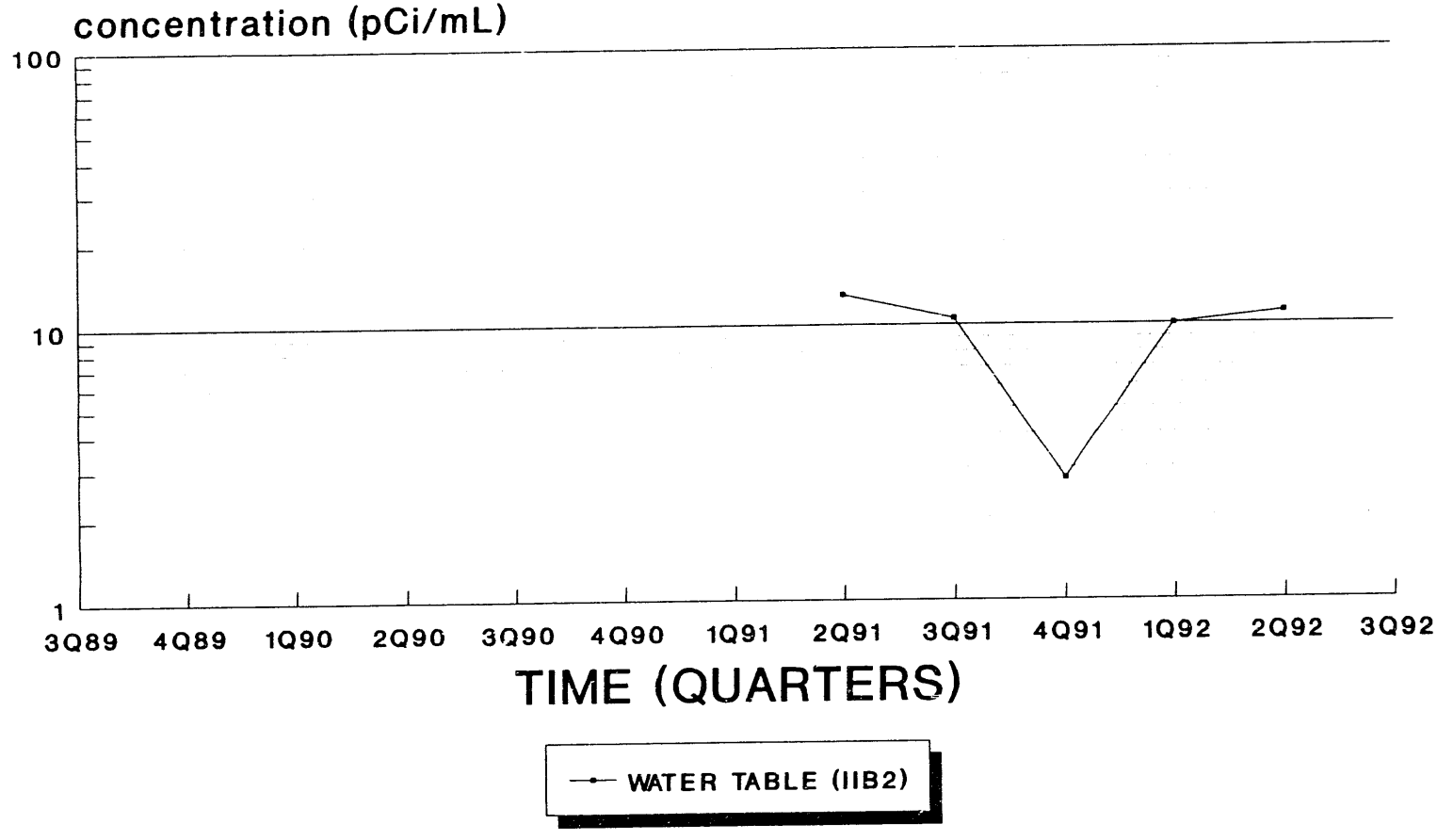
PDWS 20 pCi/mL
empty space denotes no data or dry well

BGX 9D
Tritium



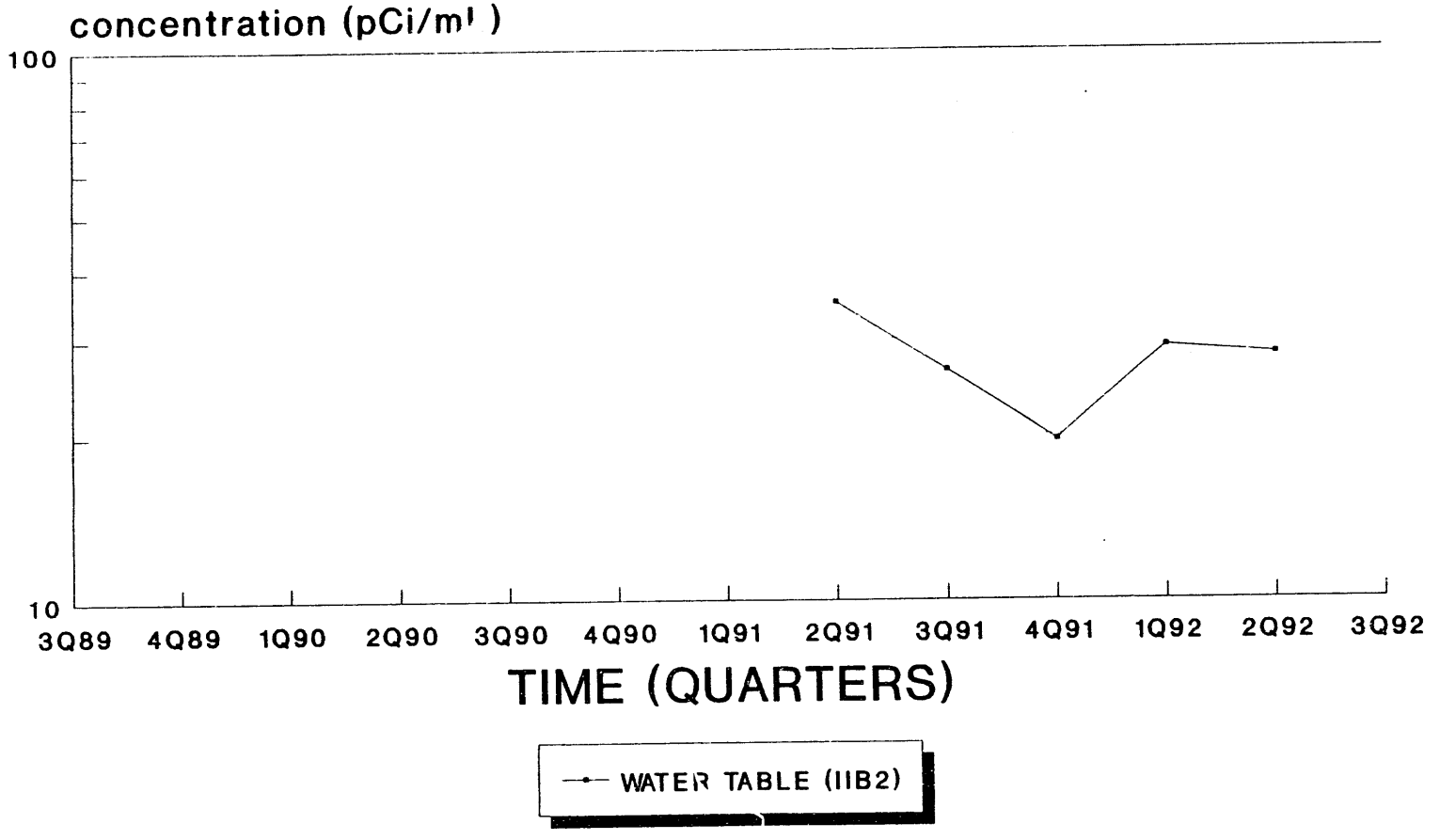
PDWS 20 pCi/mL
empty space denotes no data or dry well

BGX 10D
Tritium



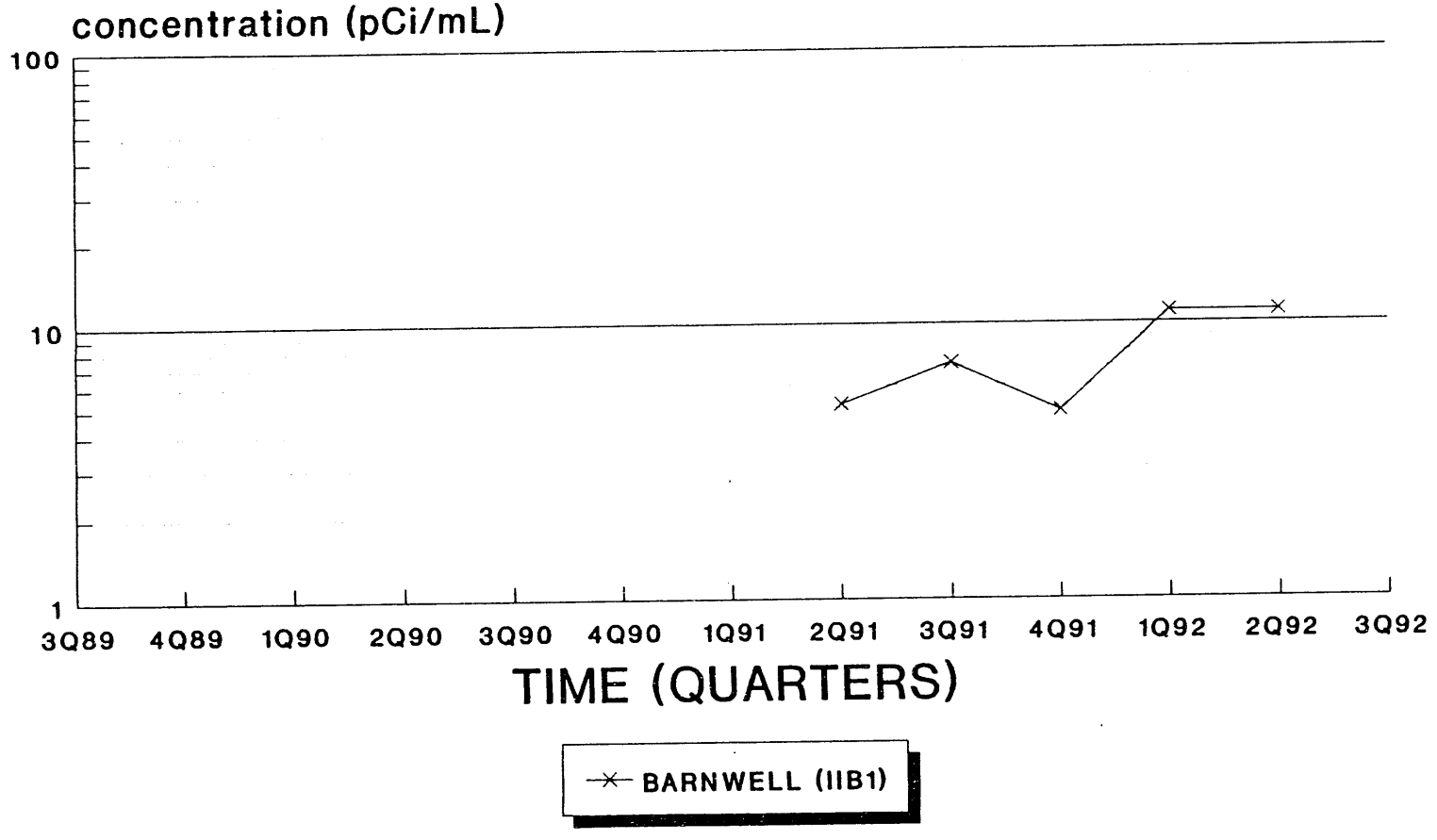
PDWS 20 pCi/mL
empty space denotes no data or dry well

BGX 12D
Tritium



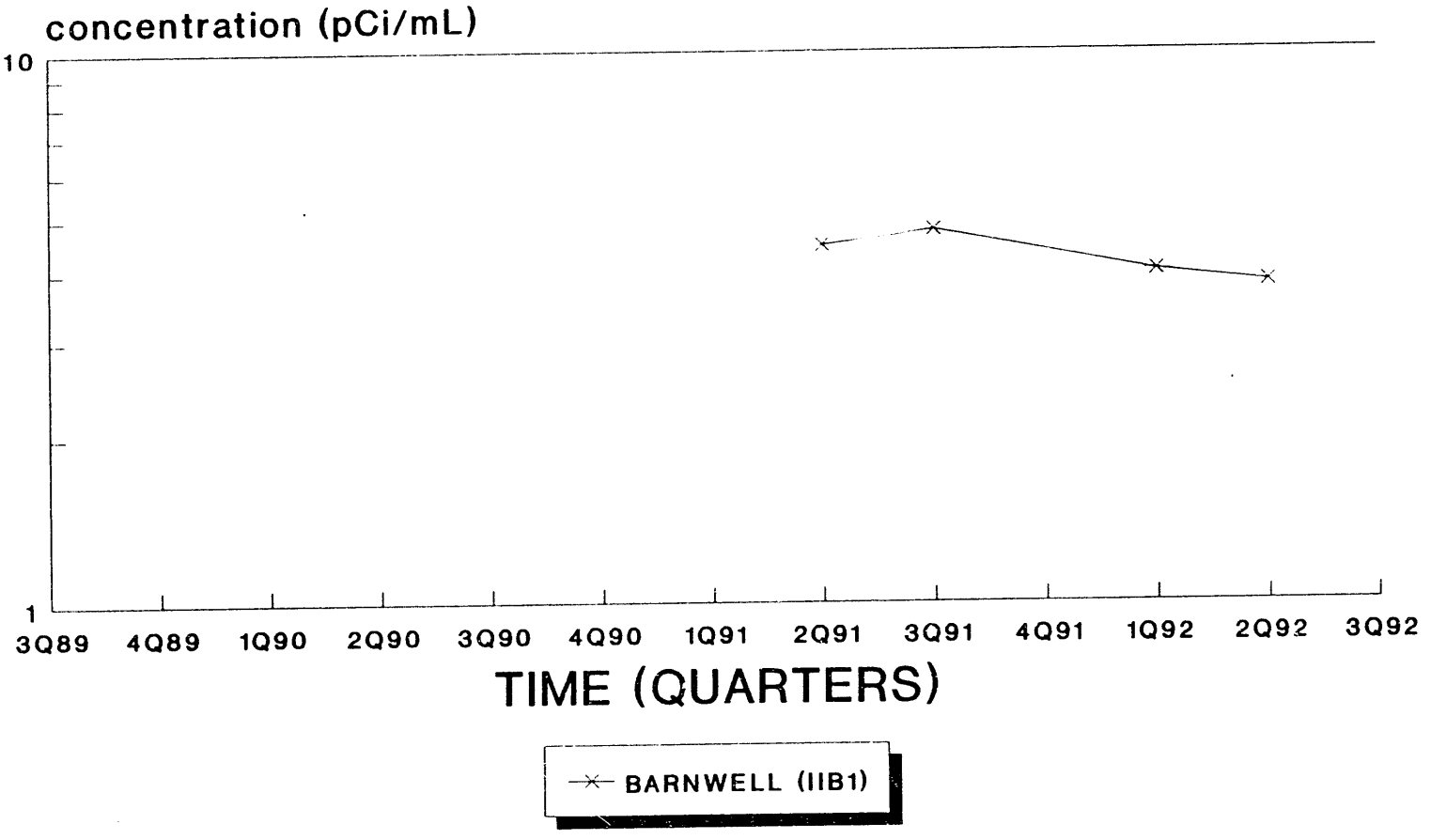
PDWS 20 pCi/mL
empty space denotes no data or dry well

HMD 1D
Tritium



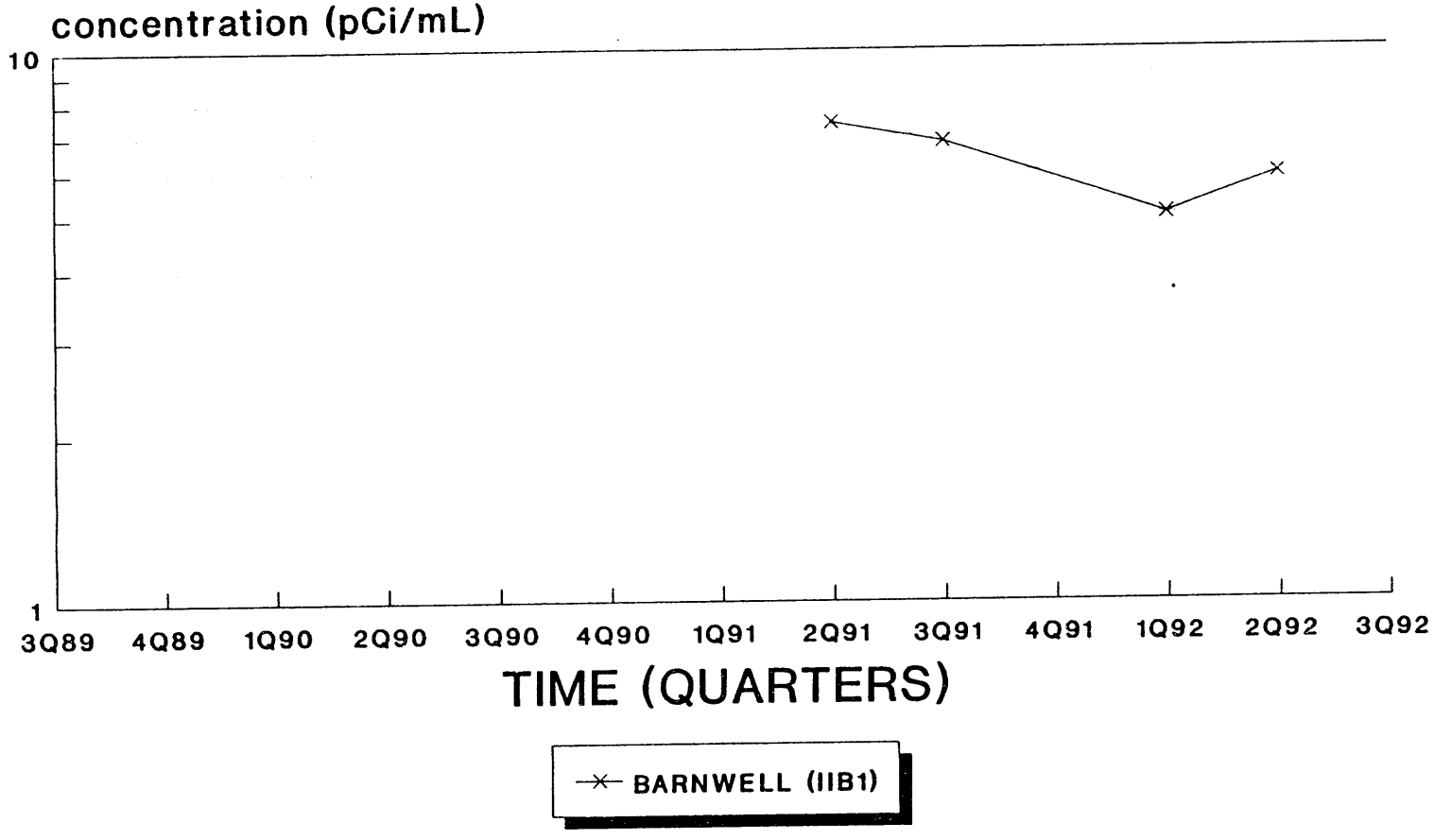
PDWS 20 pCi/mL
empty space denotes no data or dry well

HMD 2D
Tritium



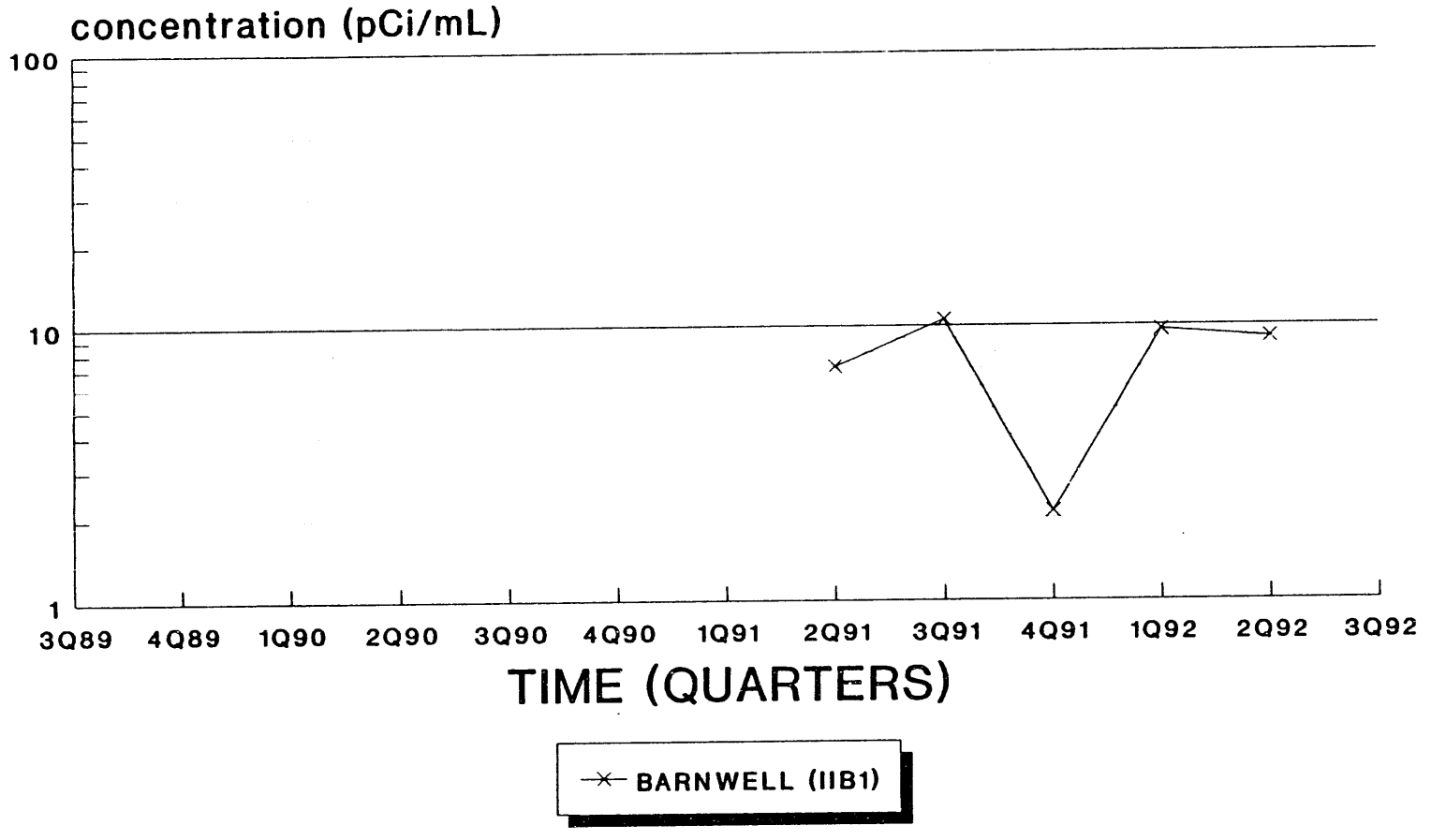
PDWS 20 pCi/mL
empty space denotes no data or dry well

HMD 3D
Tritium



PDWS 20 pCi/mL
empty space denotes no data or dry well

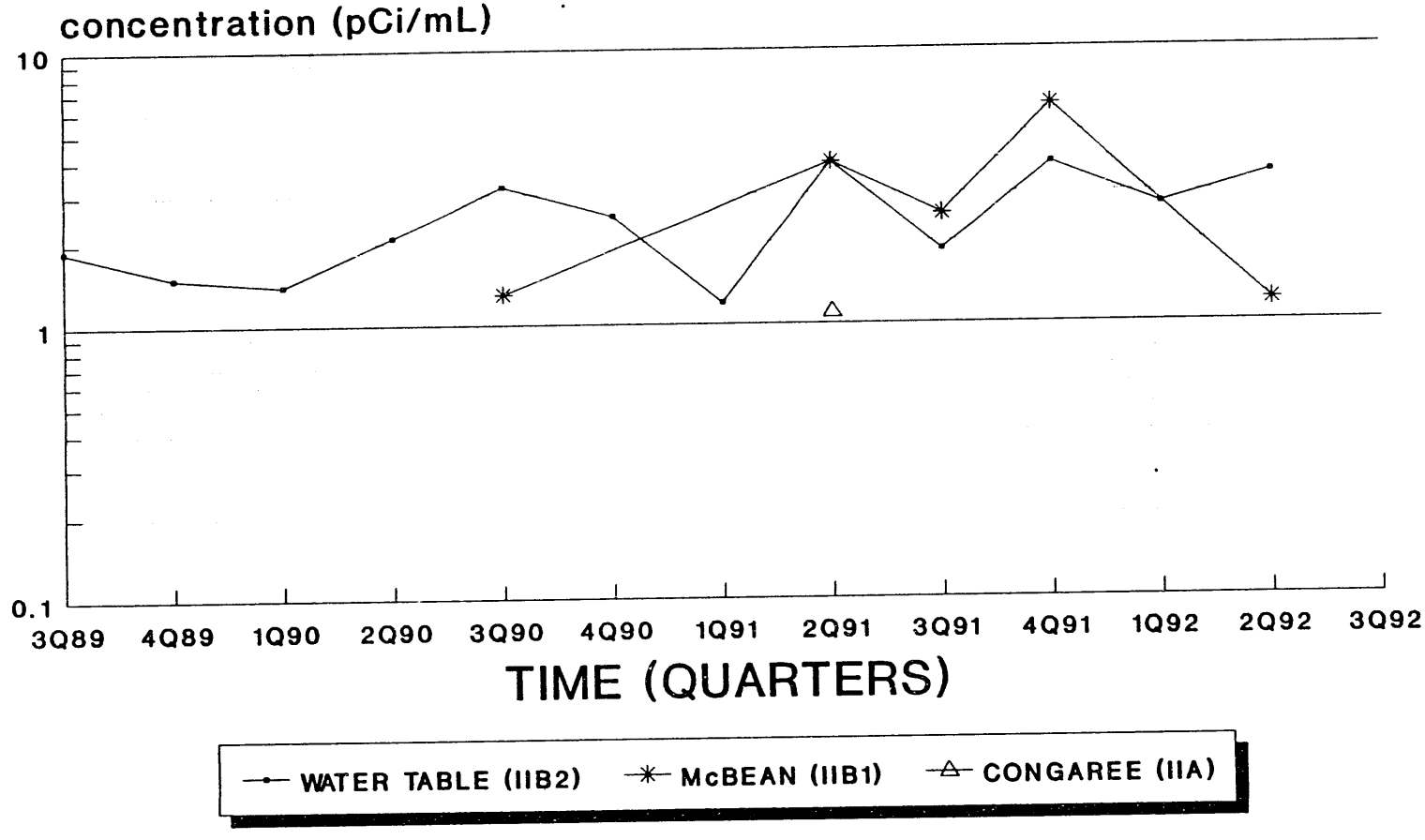
HMD 4D
Tritium



PDWS 20 pCi/mL
empty space denotes no data or dry well

CLUSTER - HSB 85

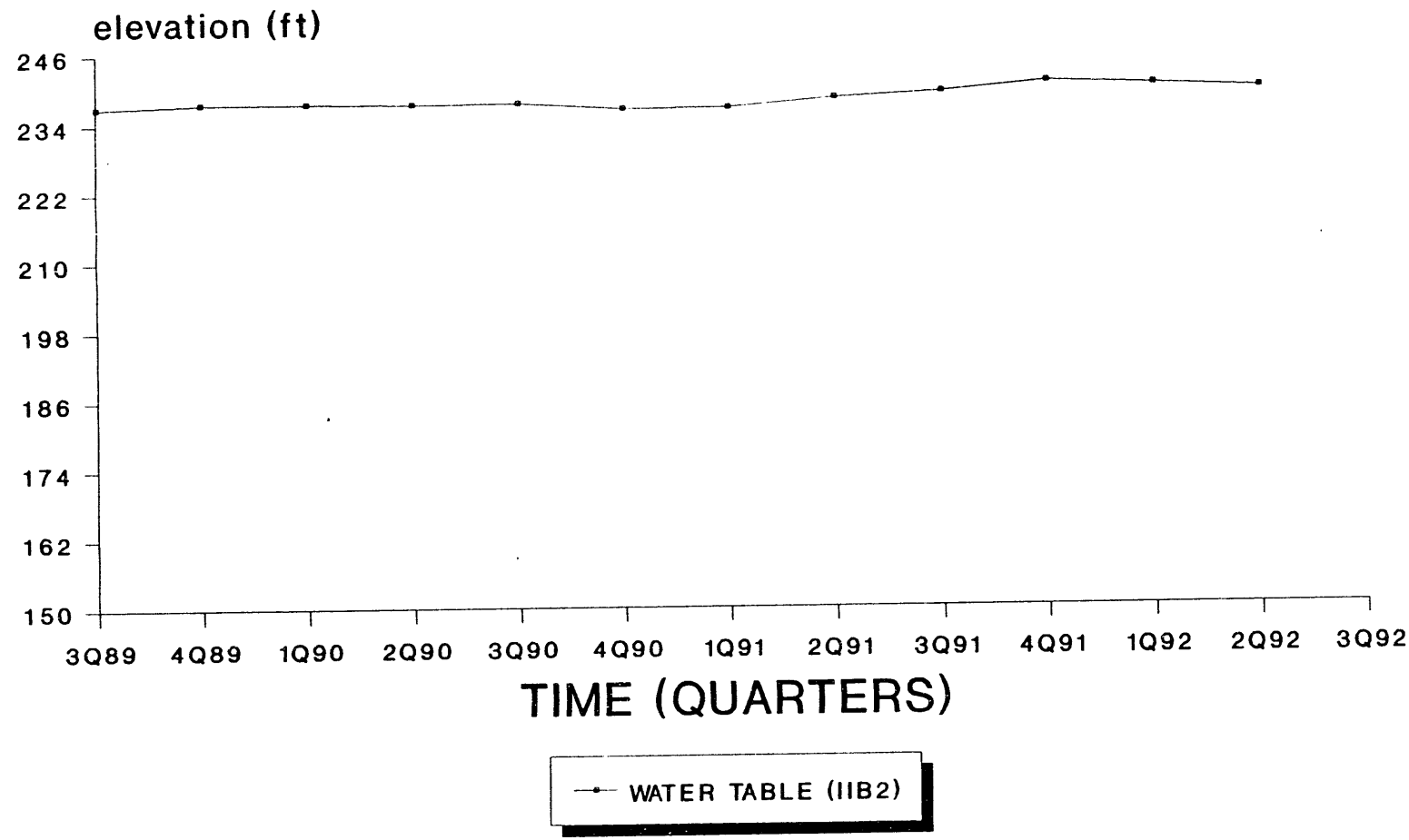
Tritium



PDWS 20 pCi/mL
empty space denotes no data or dry well

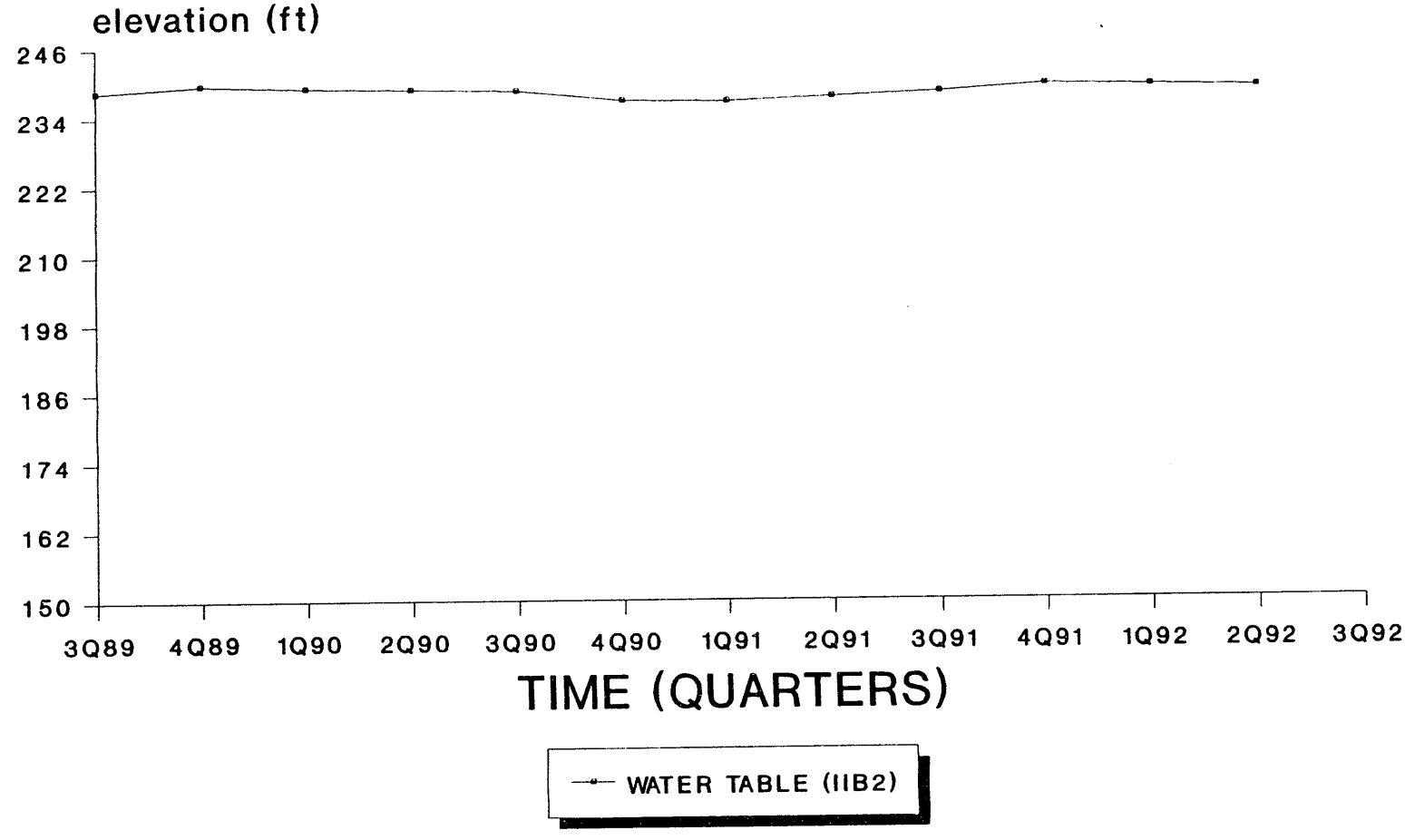
Appendix F – Hydrographs

BGO 1D
Water Elevations



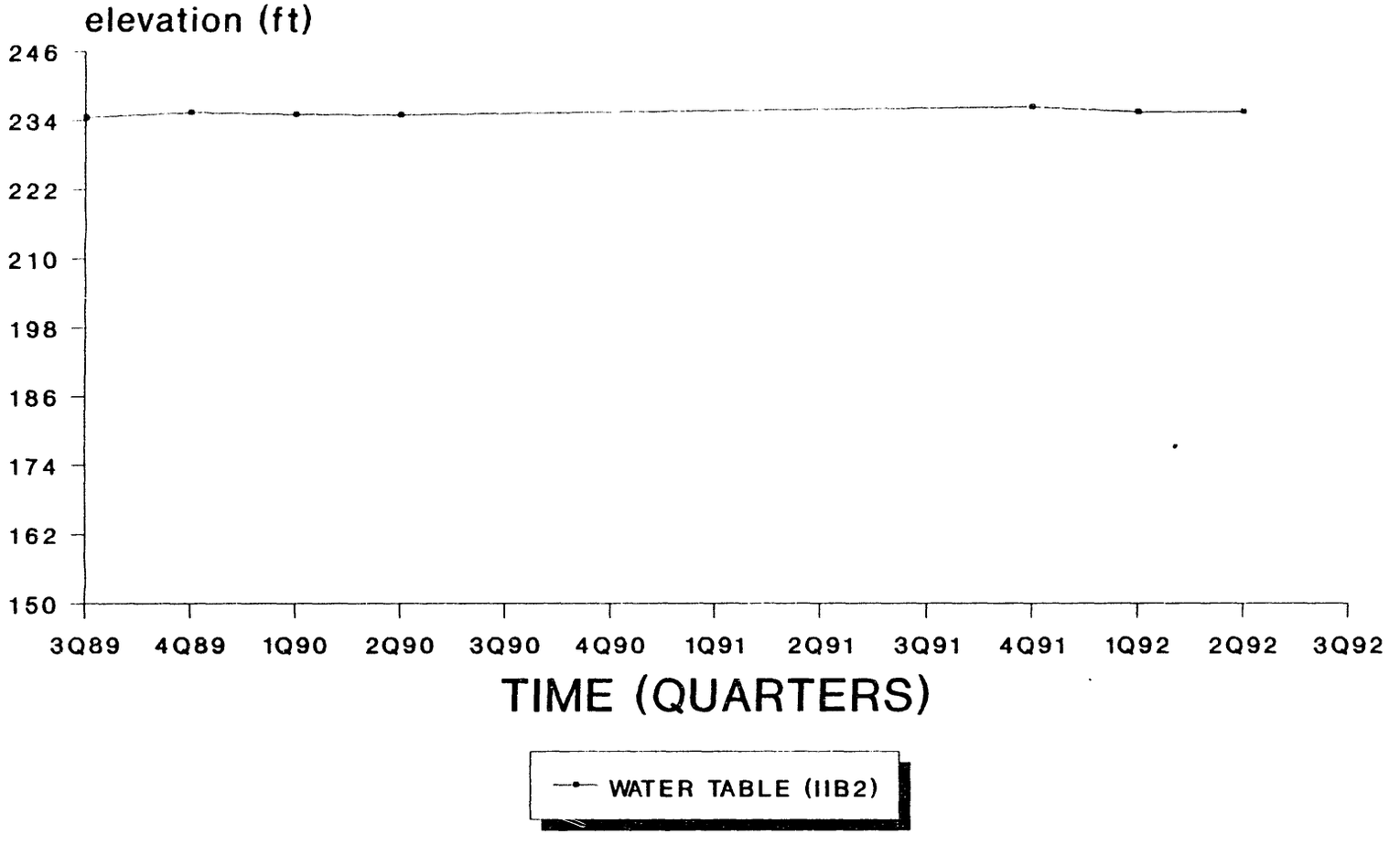
empty space denotes no data or dry well

BGO 2D
Water Elevations



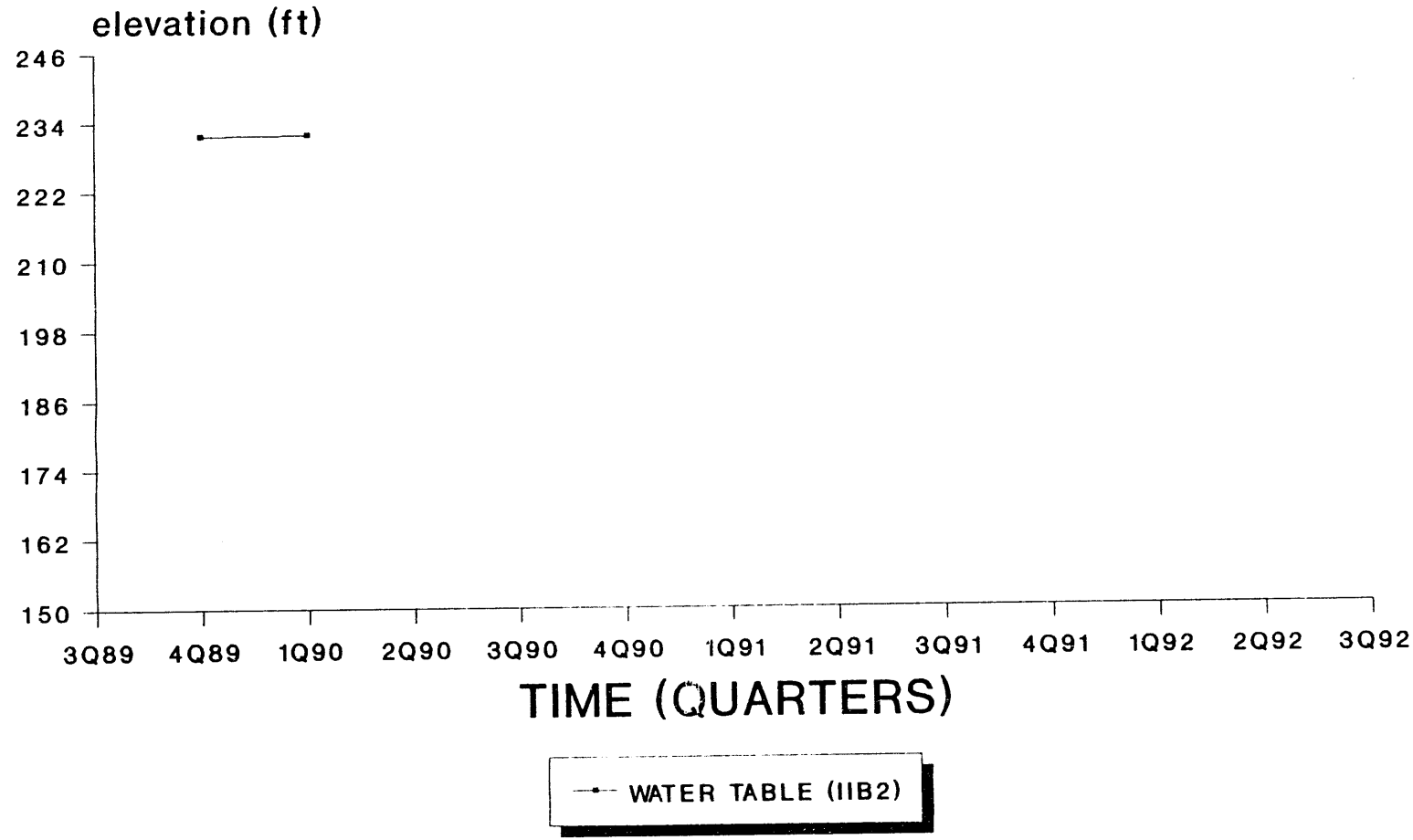
empty space denotes no data or dry well

BGO 3D
Water Elevations



empty space denotes no data or dry well

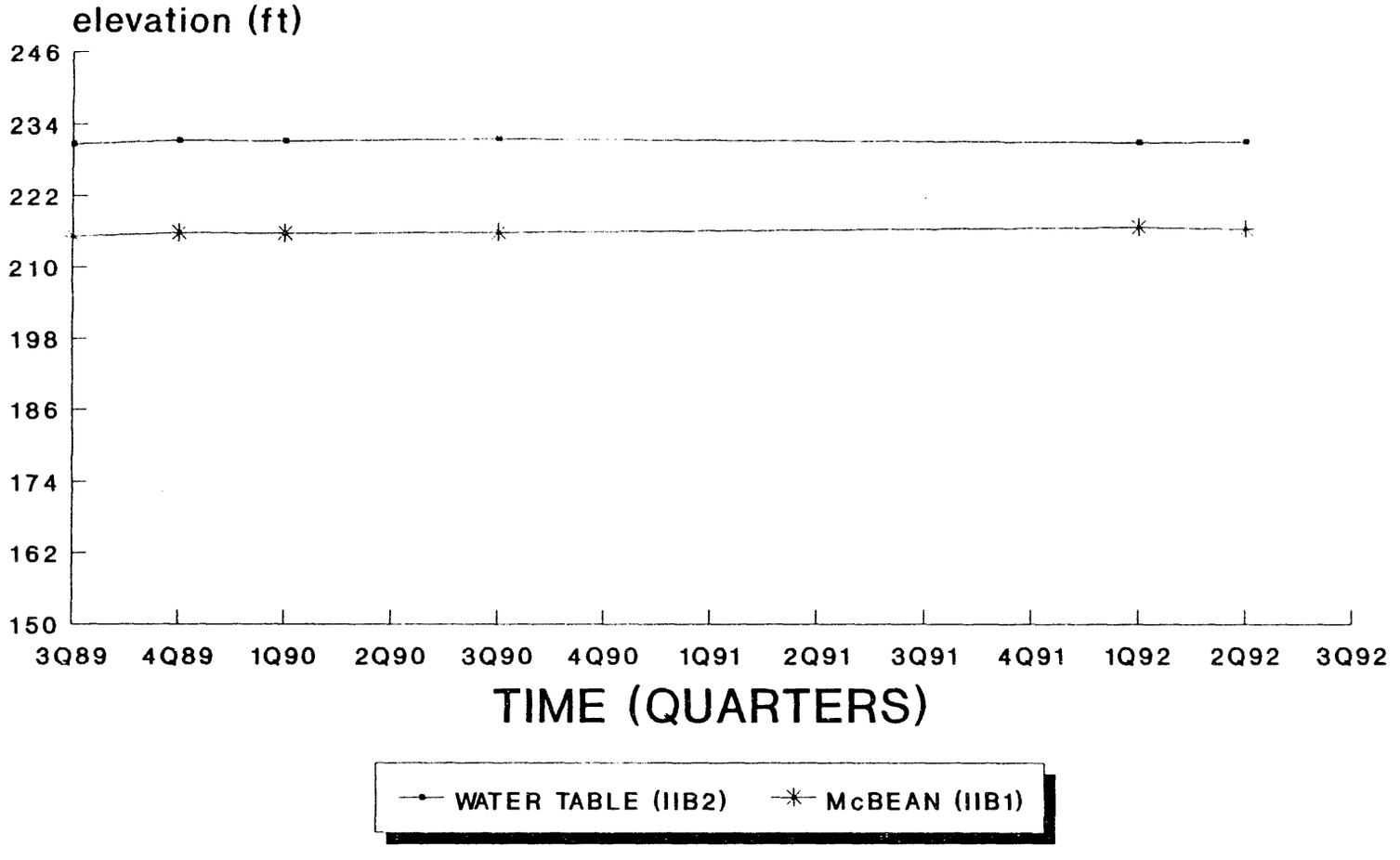
BGO 4D
Water Elevations



empty space denotes no data or dry well

CLUSTER - BGO 5

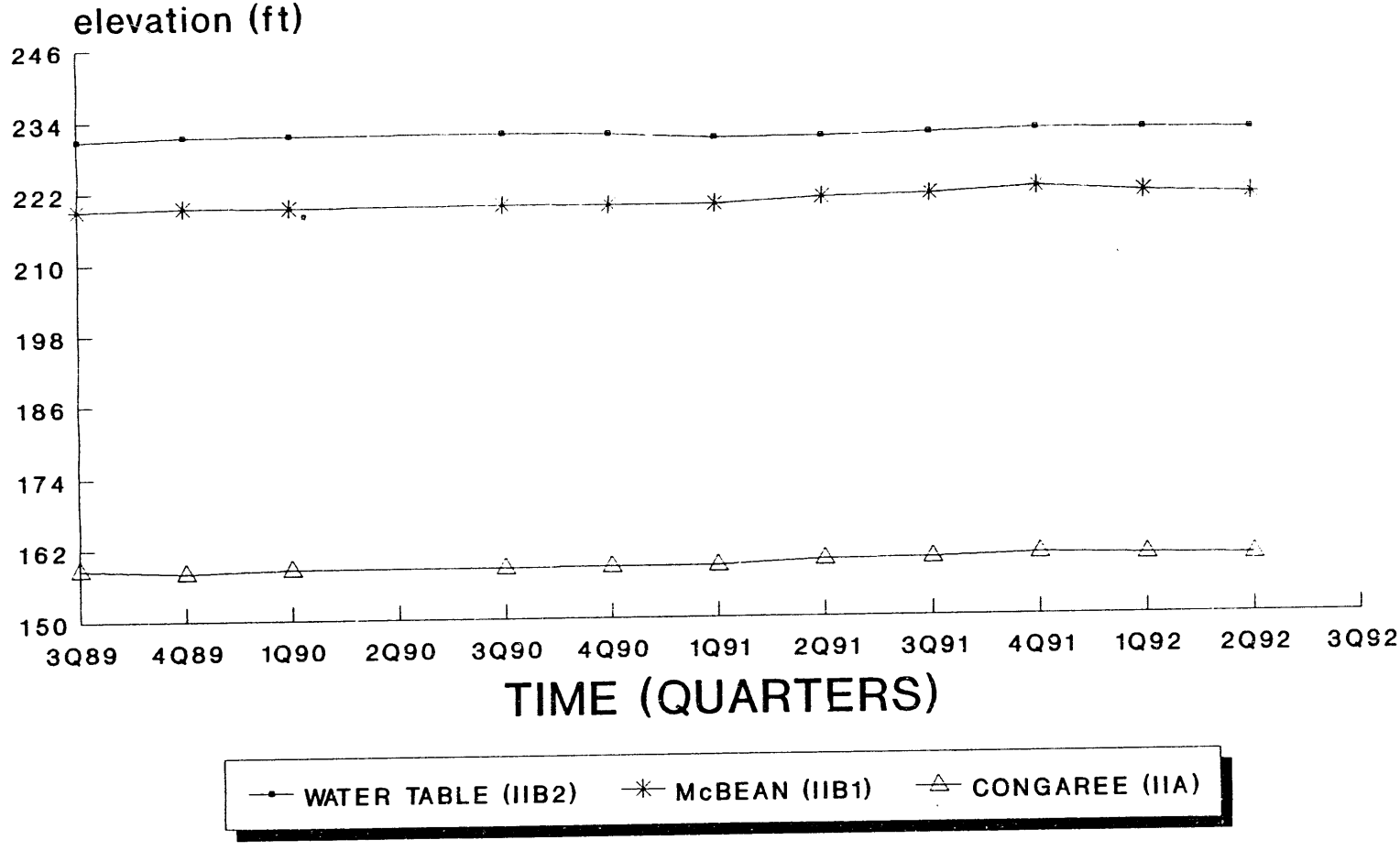
Water Elevations



empty space denotes no data or dry well

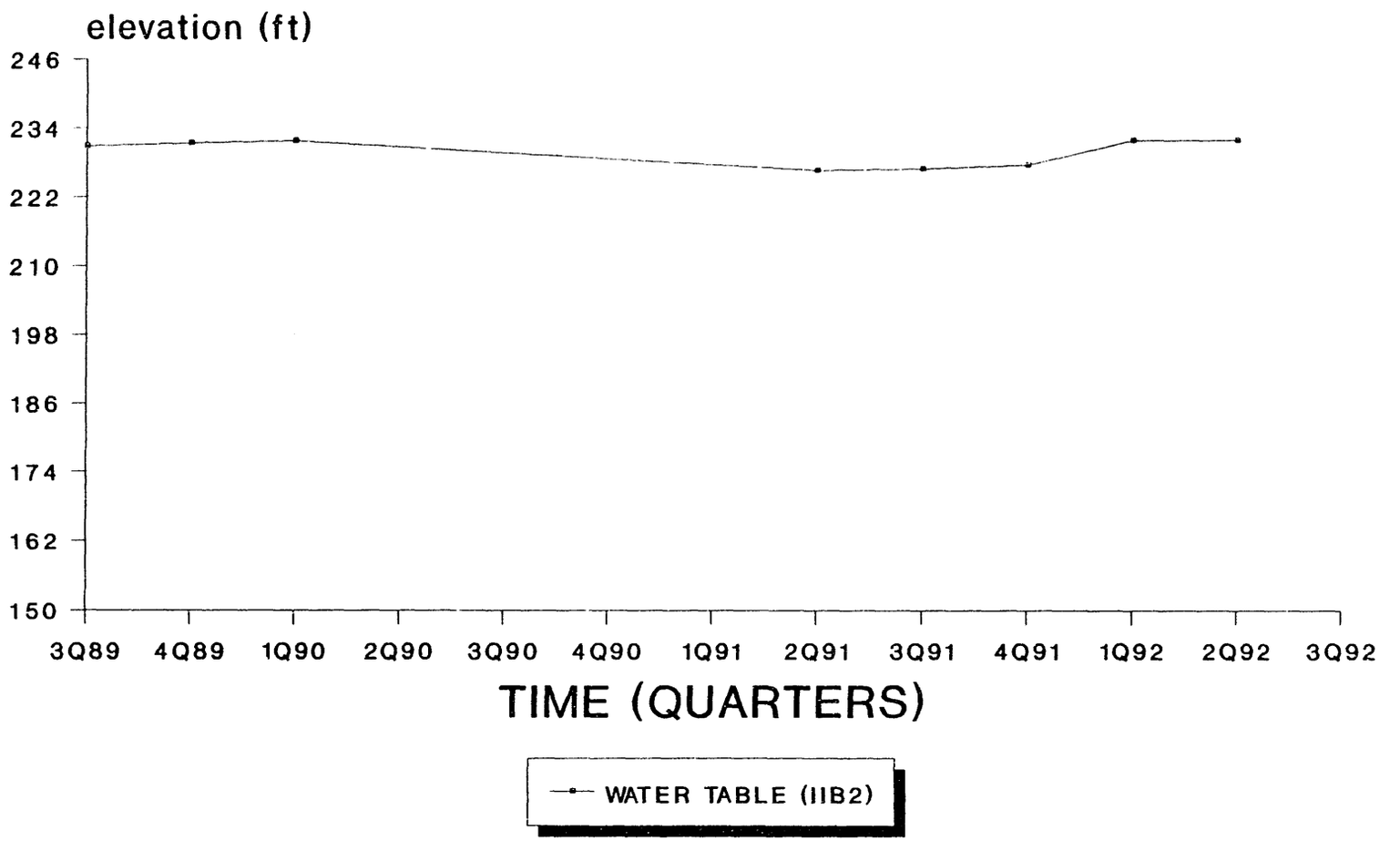
CLUSTER - BGO 6

Water Elevations



empty space denotes no data or dry well

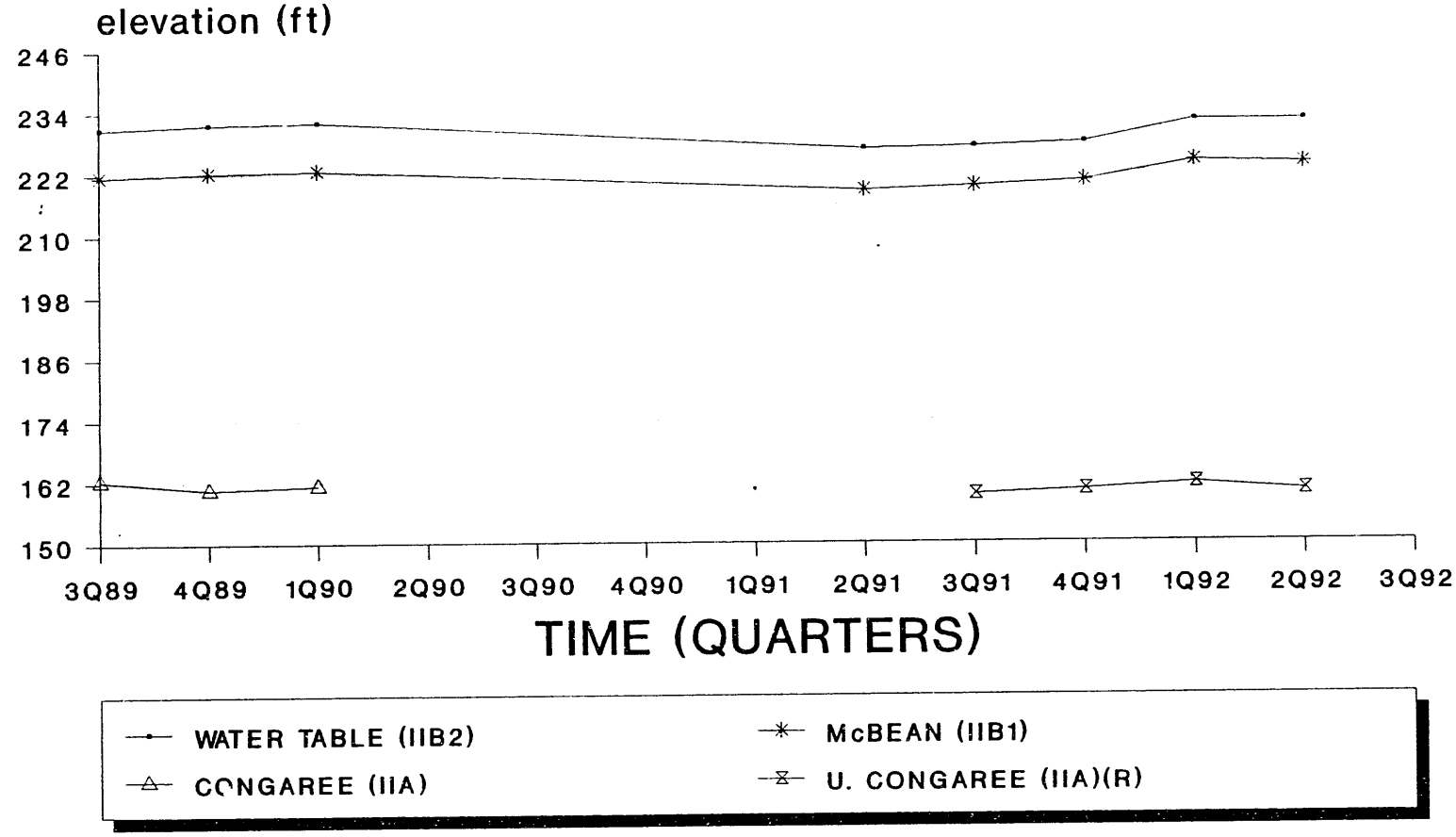
BGO 7D
Water Elevations



empty space denotes no data or dry well

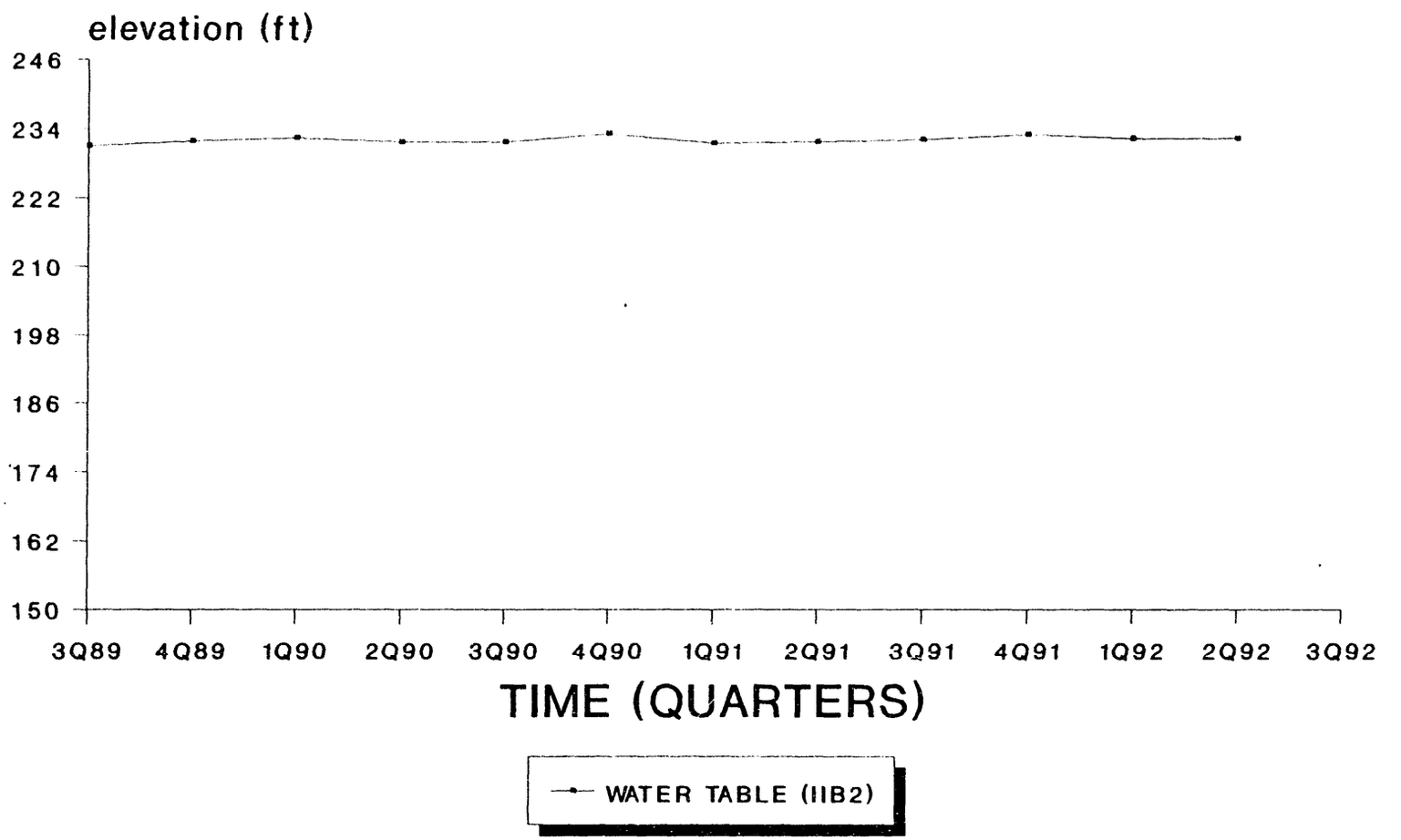
CLUSTER - BGO 8

Water Elevations



empty space denotes no data or dry well;
(R) denotes a replacement well

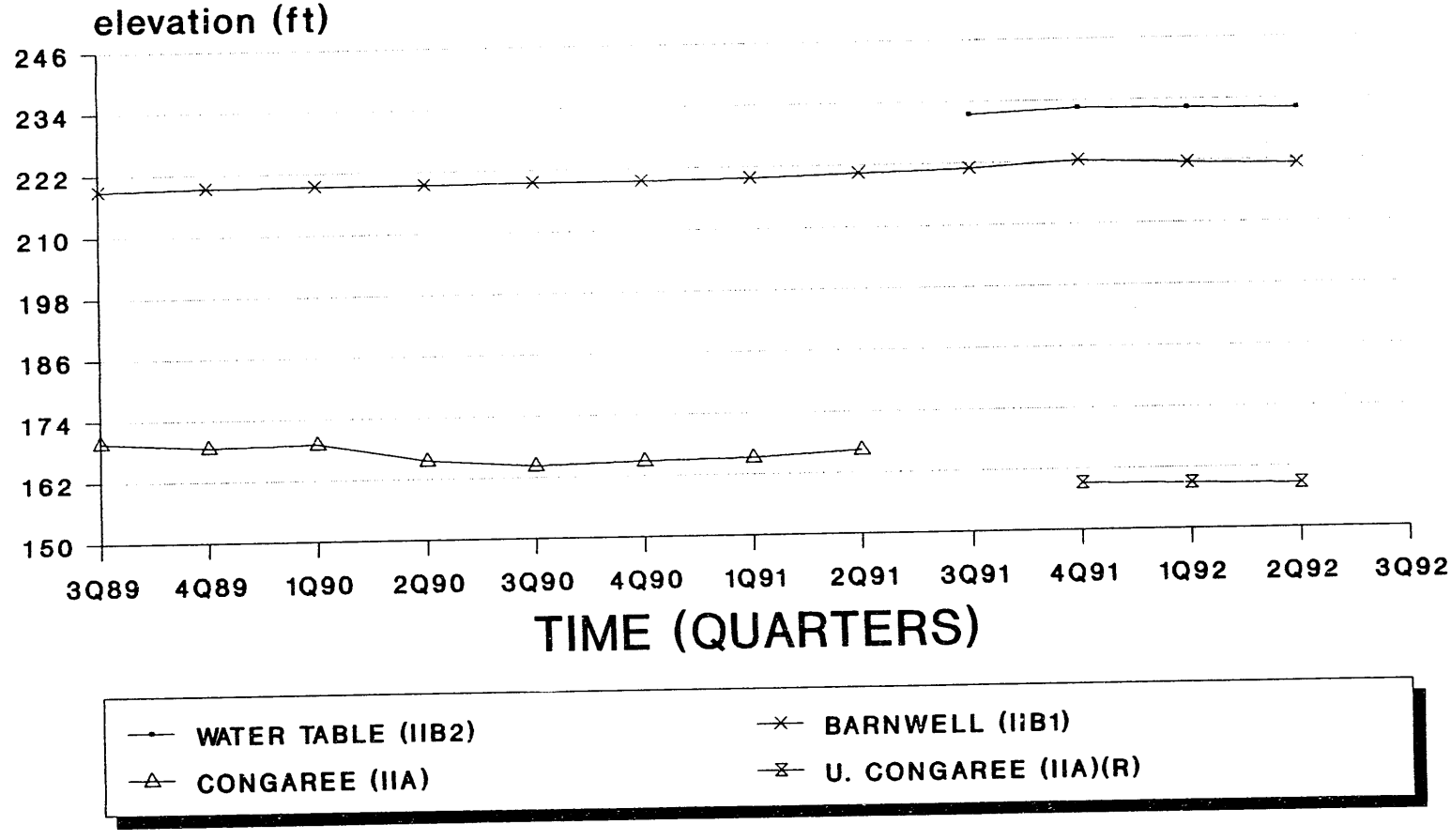
BGO 9D
Water Elevations



empty space denotes no data or dry well

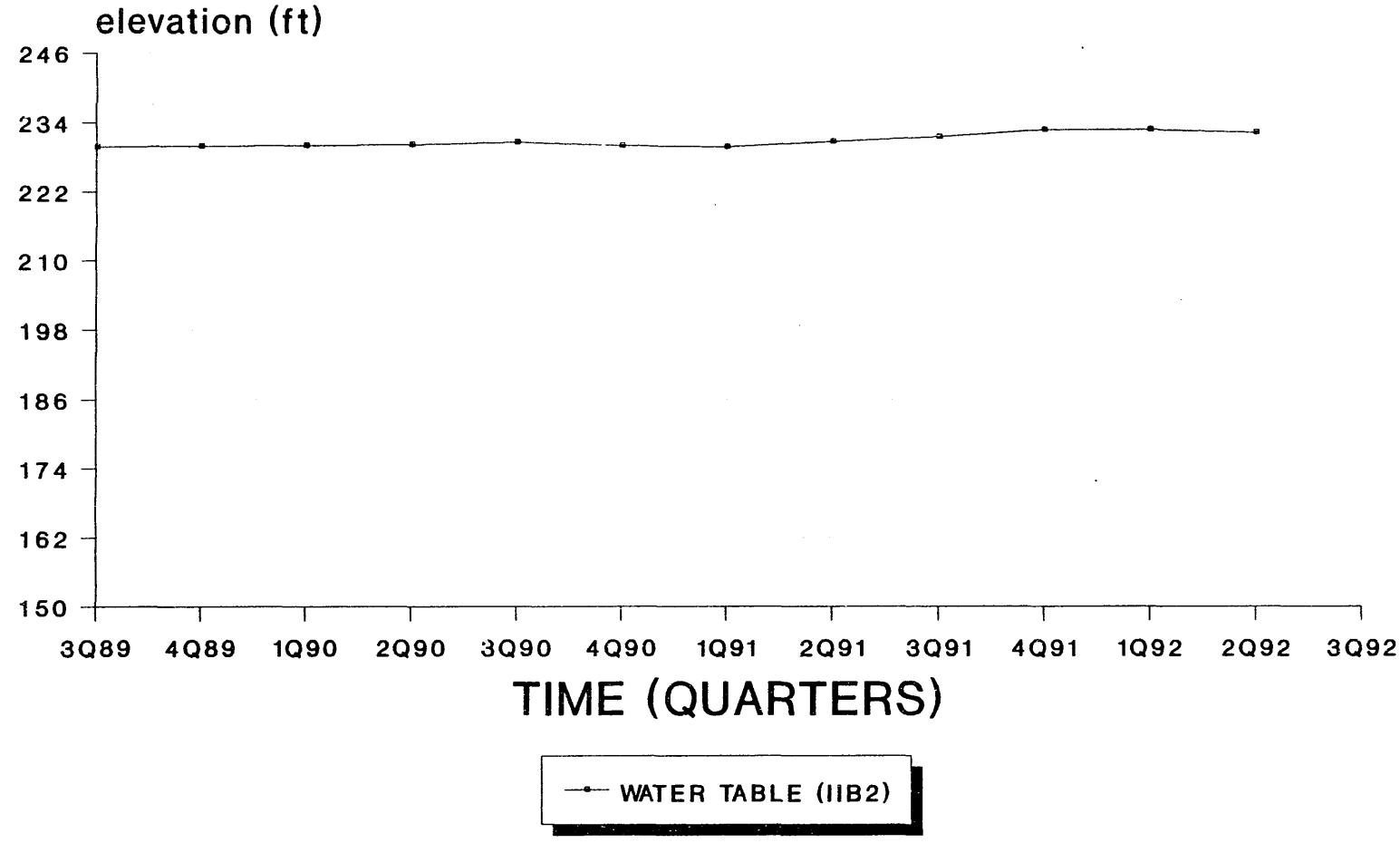
CLUSTER - BGO 10

Water Elevations



empty space denotes no data or dry well;
(R) denotes a replacement well

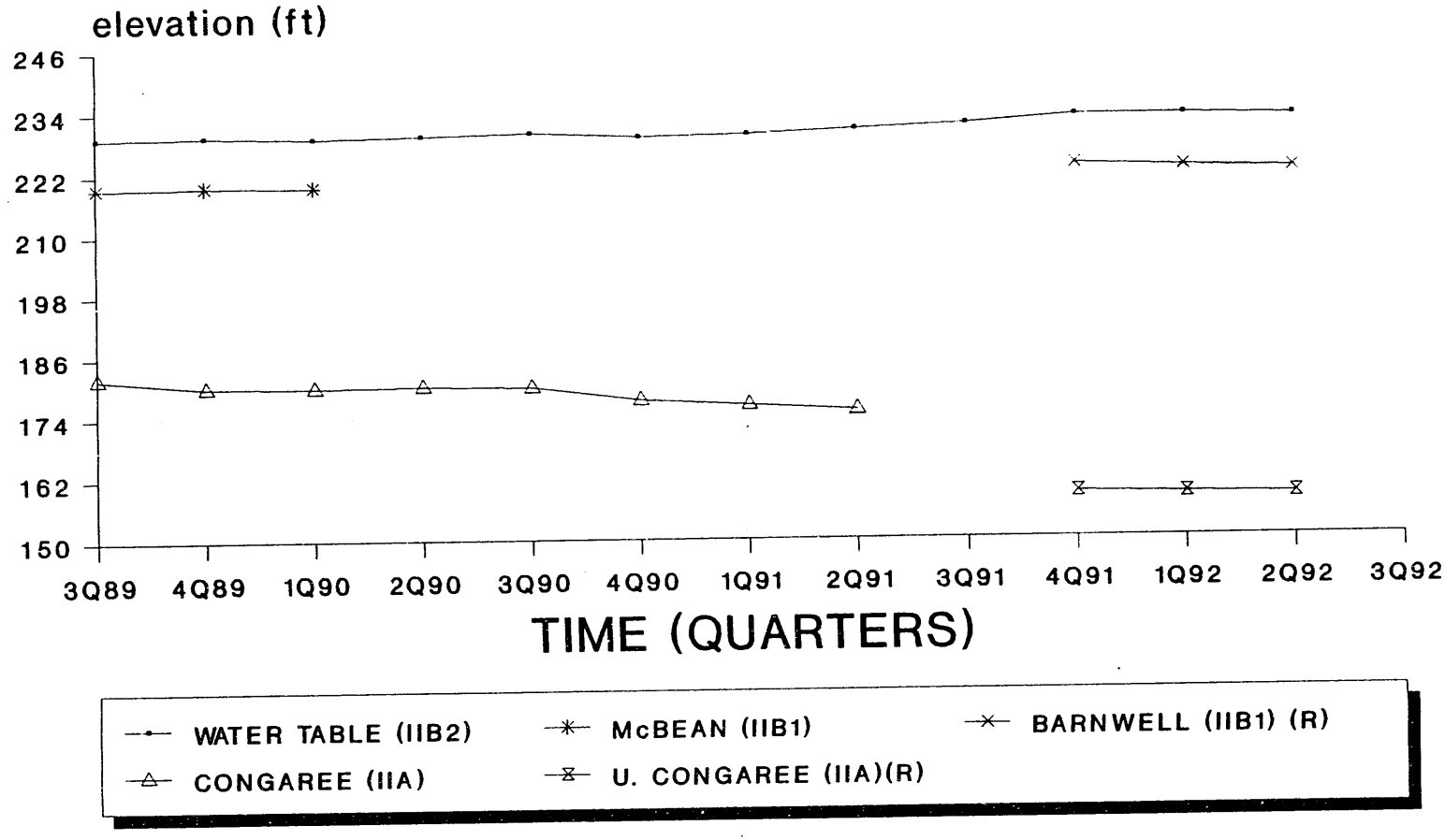
BGO 11D
Water Elevations



empty space notes no data or dry well

CLUSTER - BGO 12

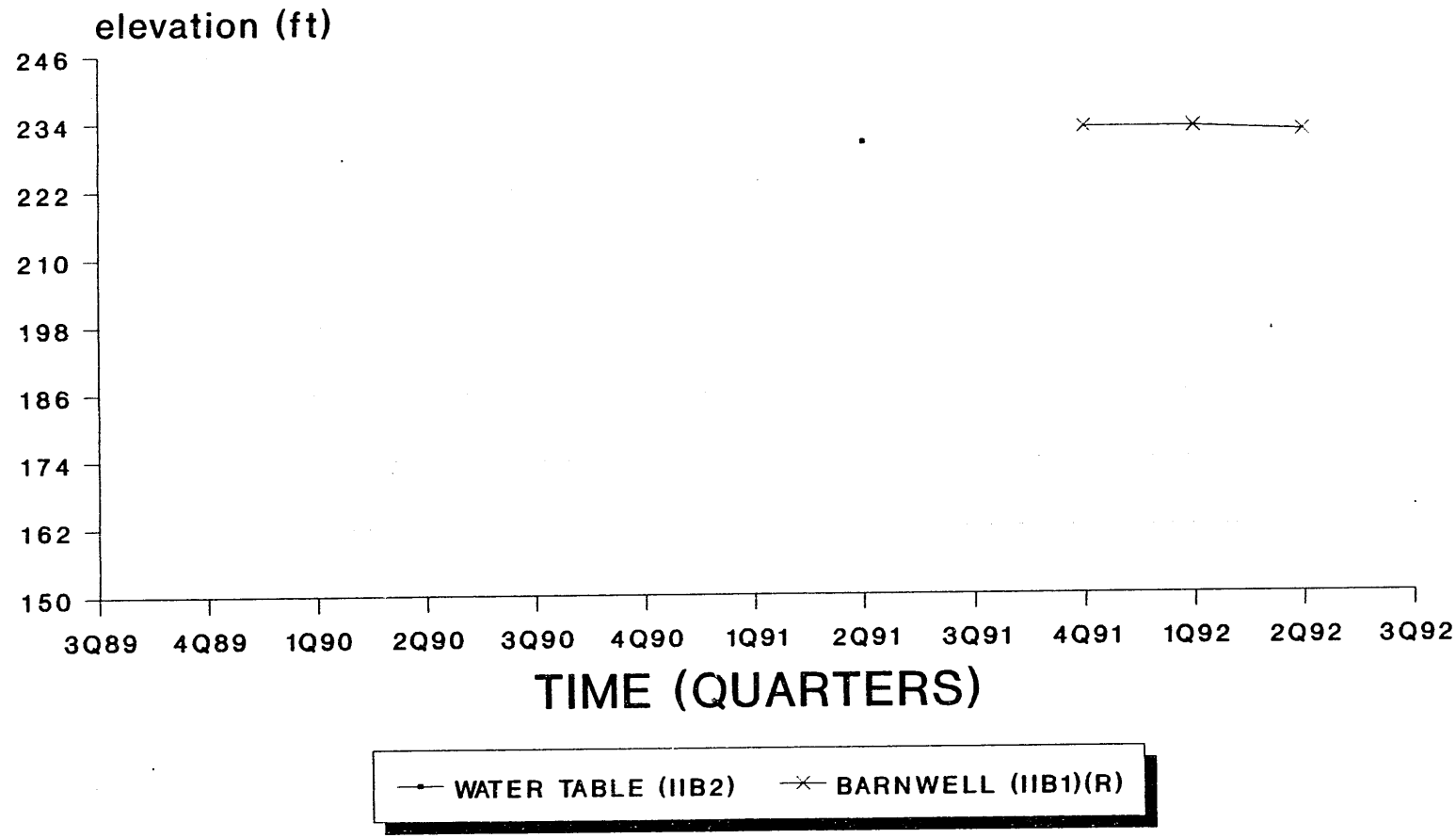
Water Elevations



empty space denotes no data or dry well;
(R) denotes a replacement well

CLUSTER - BGO 13

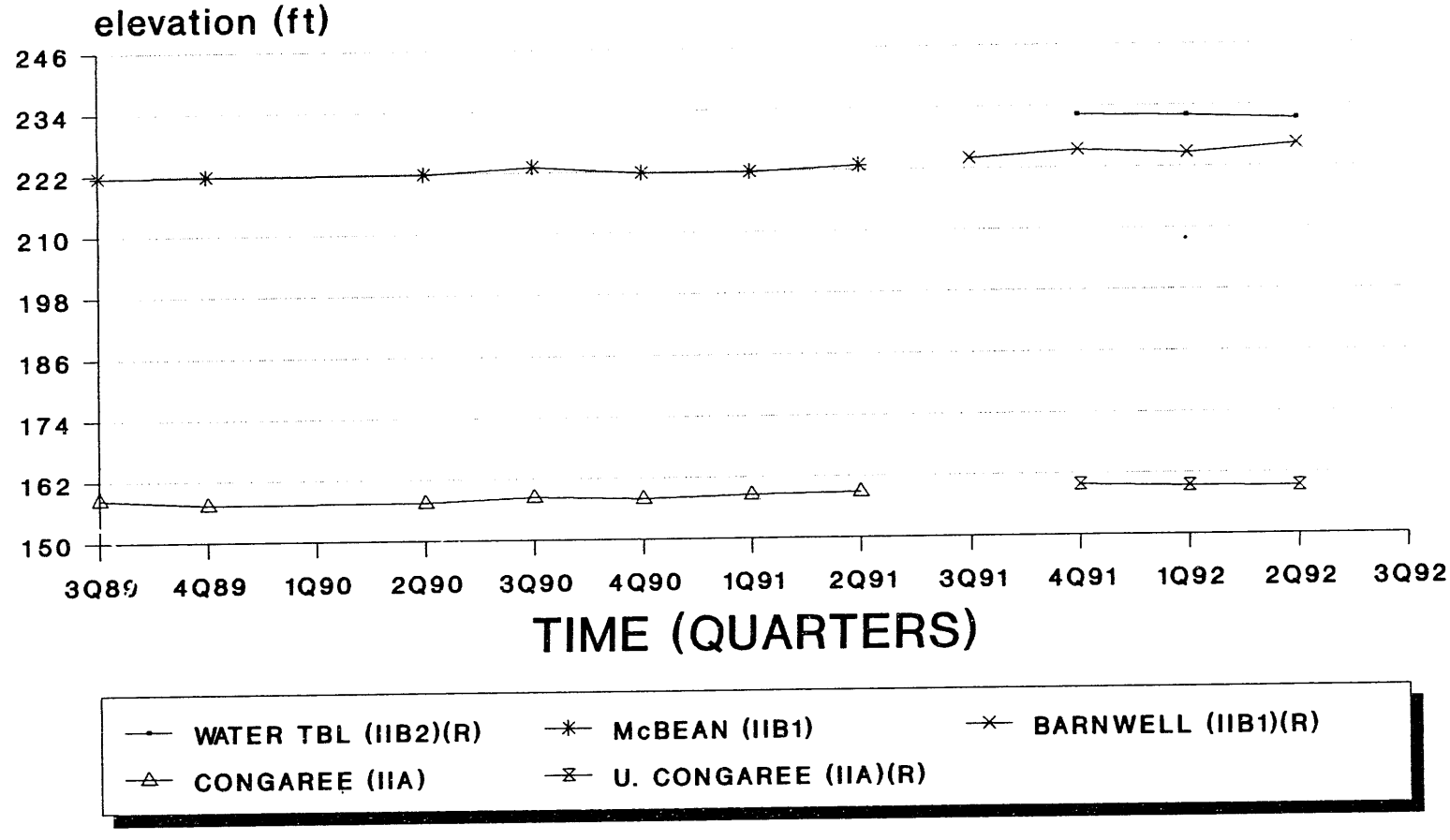
Water Elevations



empty space denotes no data or dry well;
(R) denotes a replacement well

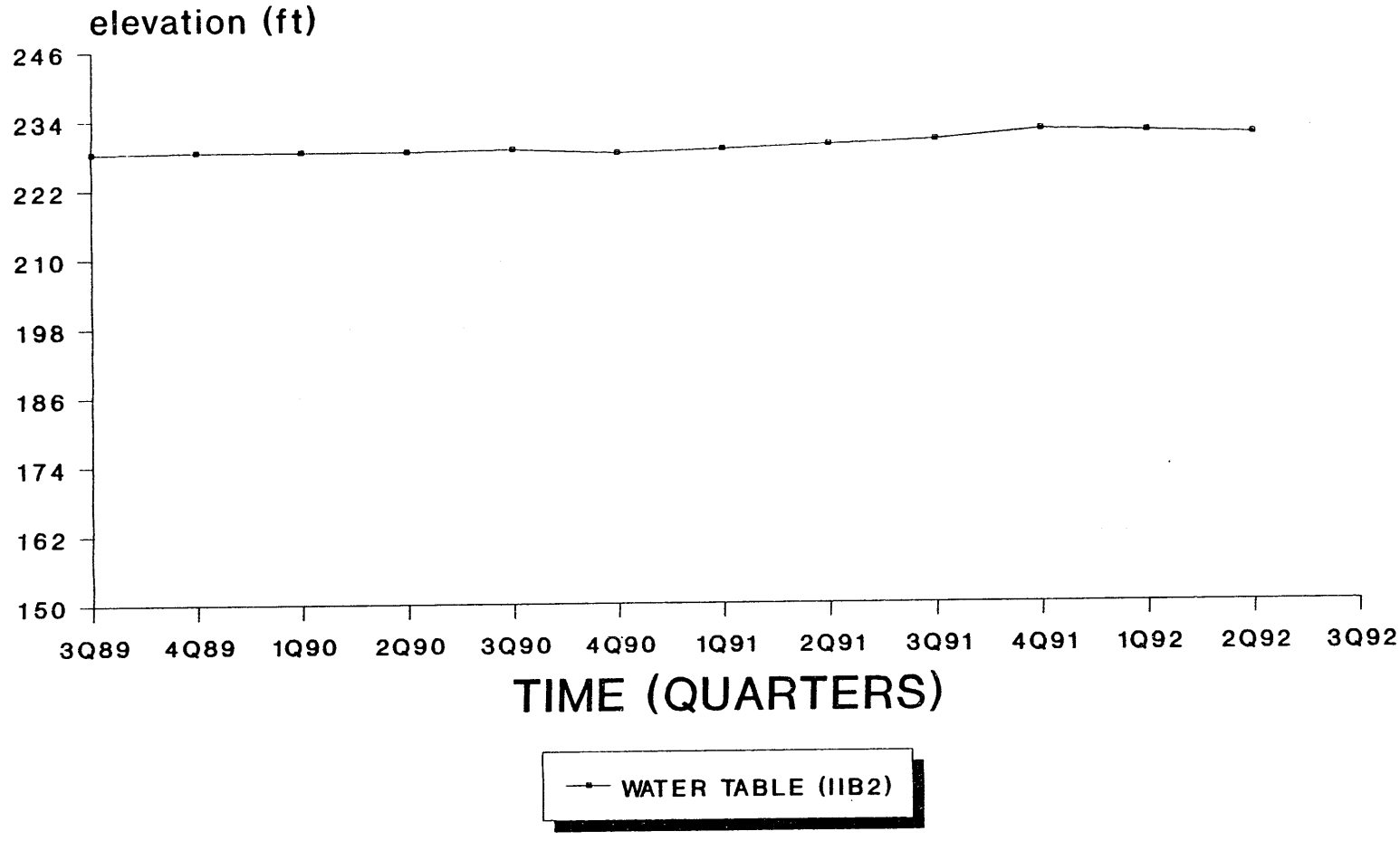
CLUSTER - BGO 14

Water Elevations



empty space denotes no data or dry well;
(R) denotes a replacement well

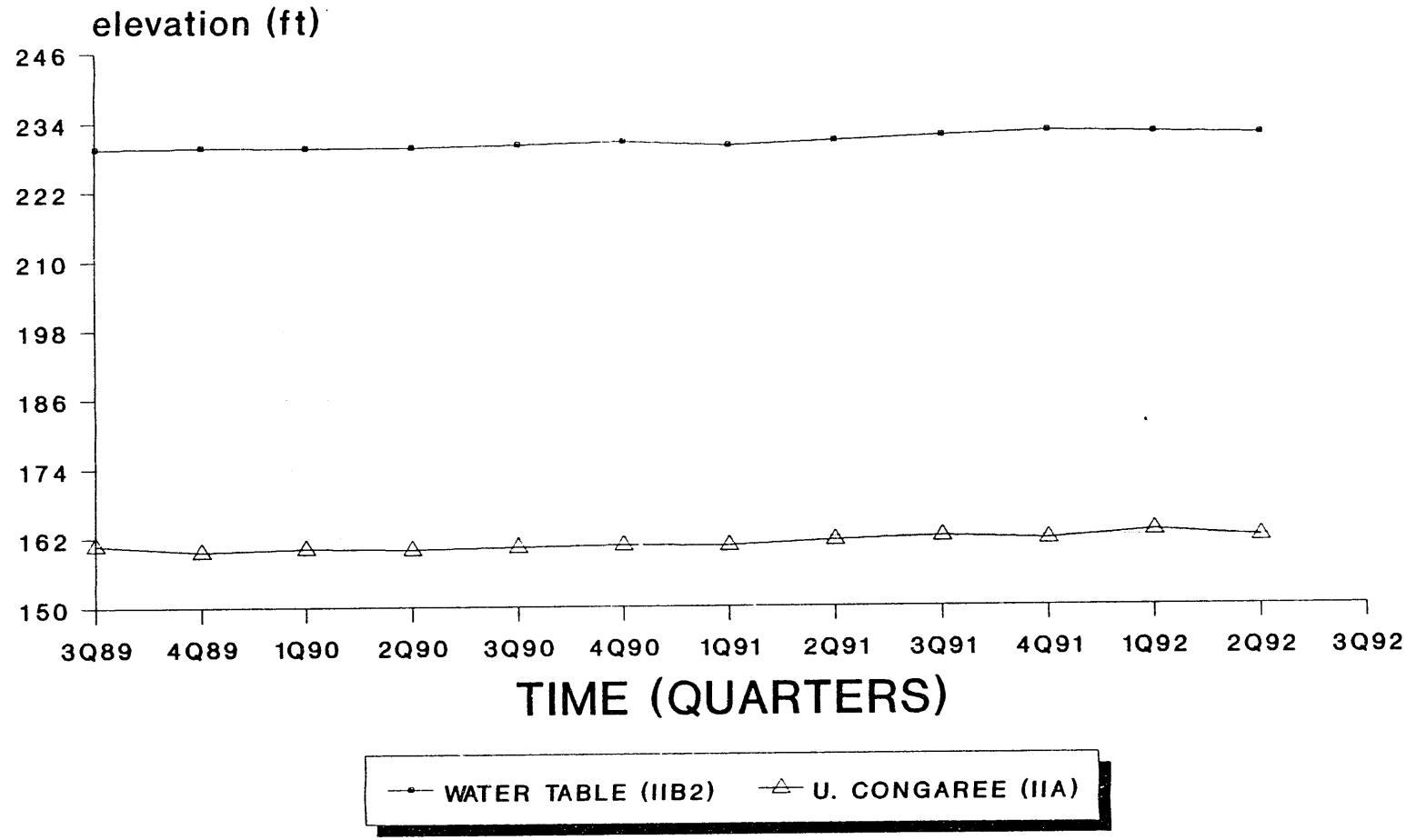
BGO 15D
Water Elevations



empty space denotes no data or dry well

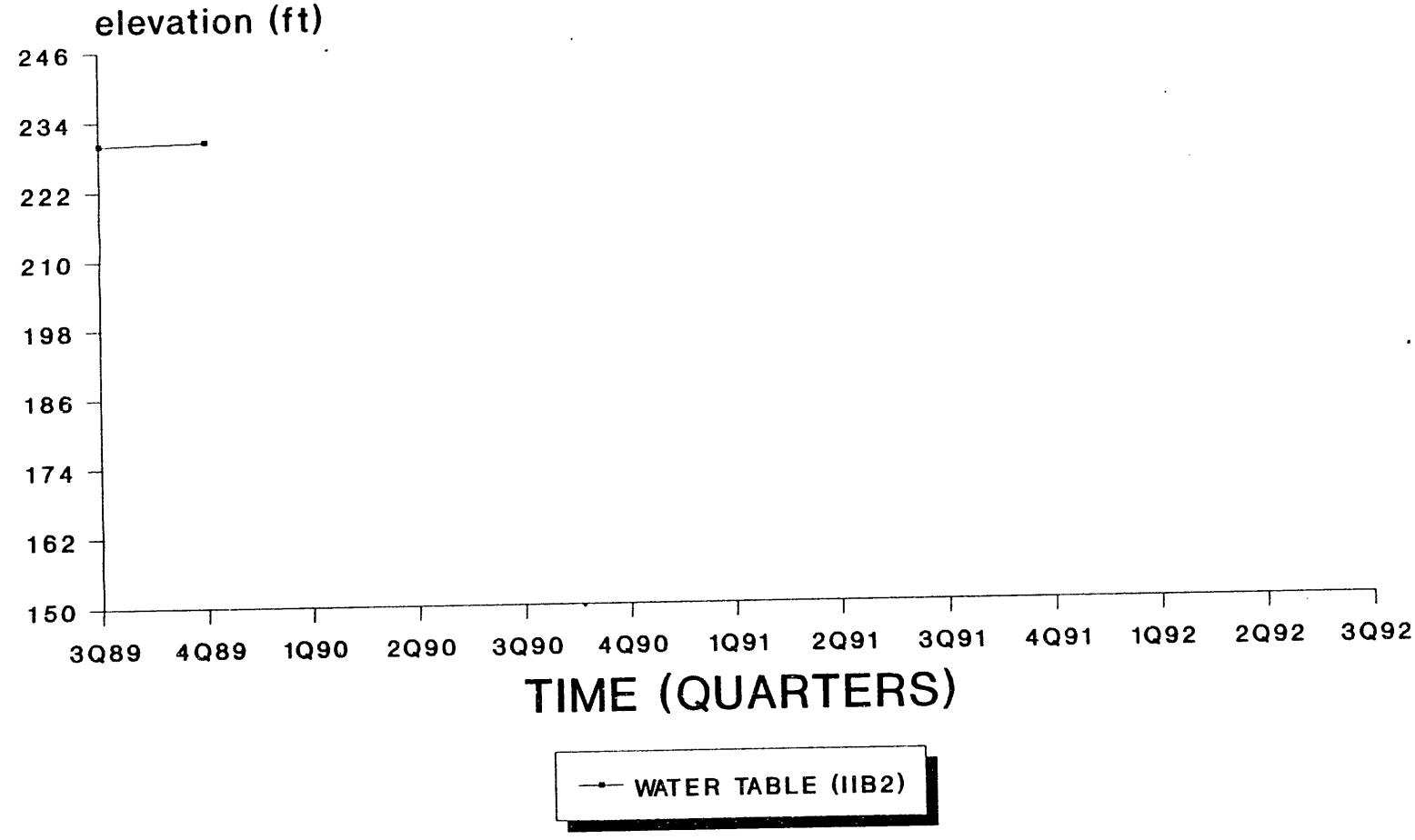
CLUSTER - BGO 16

Water Elevations



empty space denotes no data or dry well

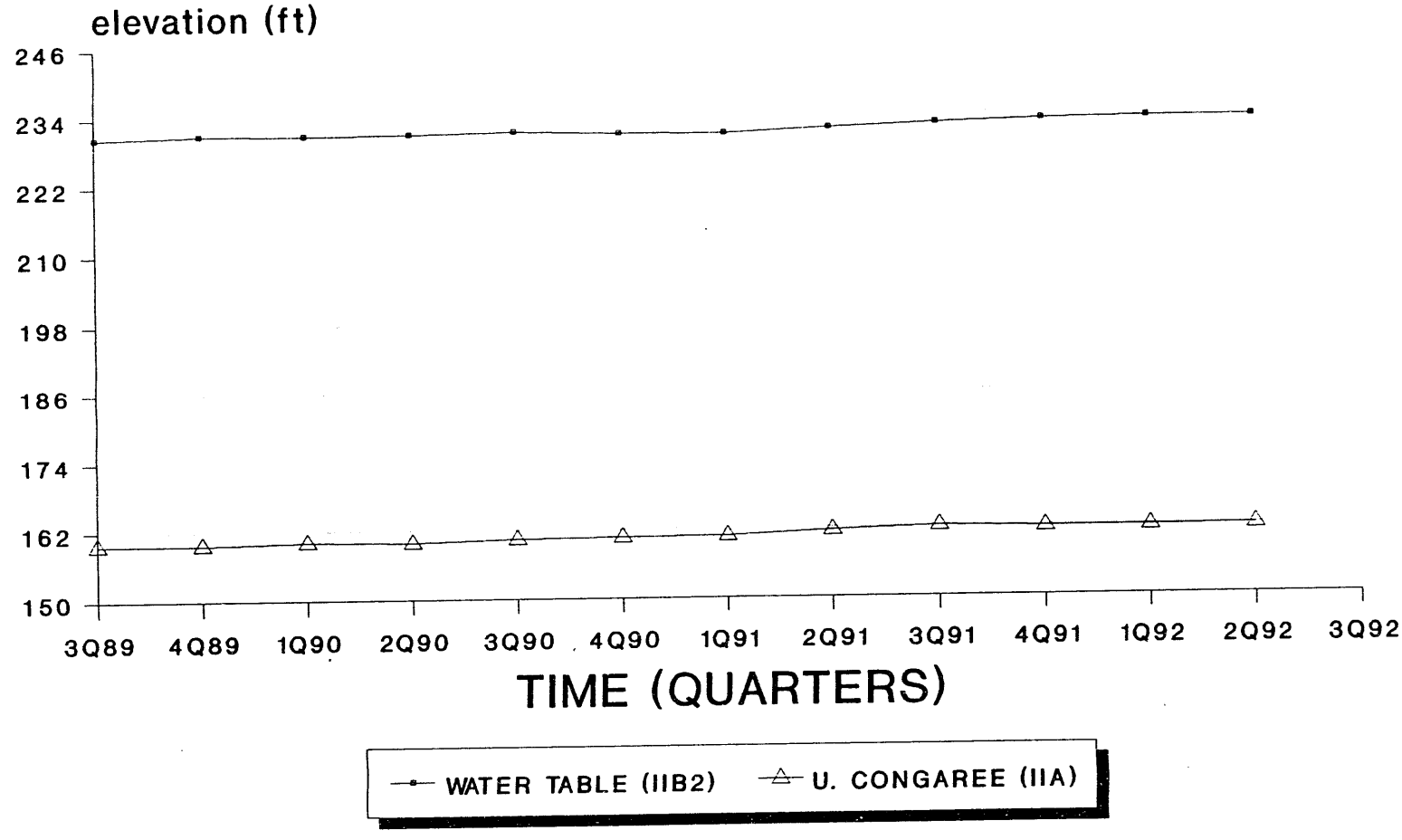
BGO 17D
Water Elevations



empty space denotes no data or dry well

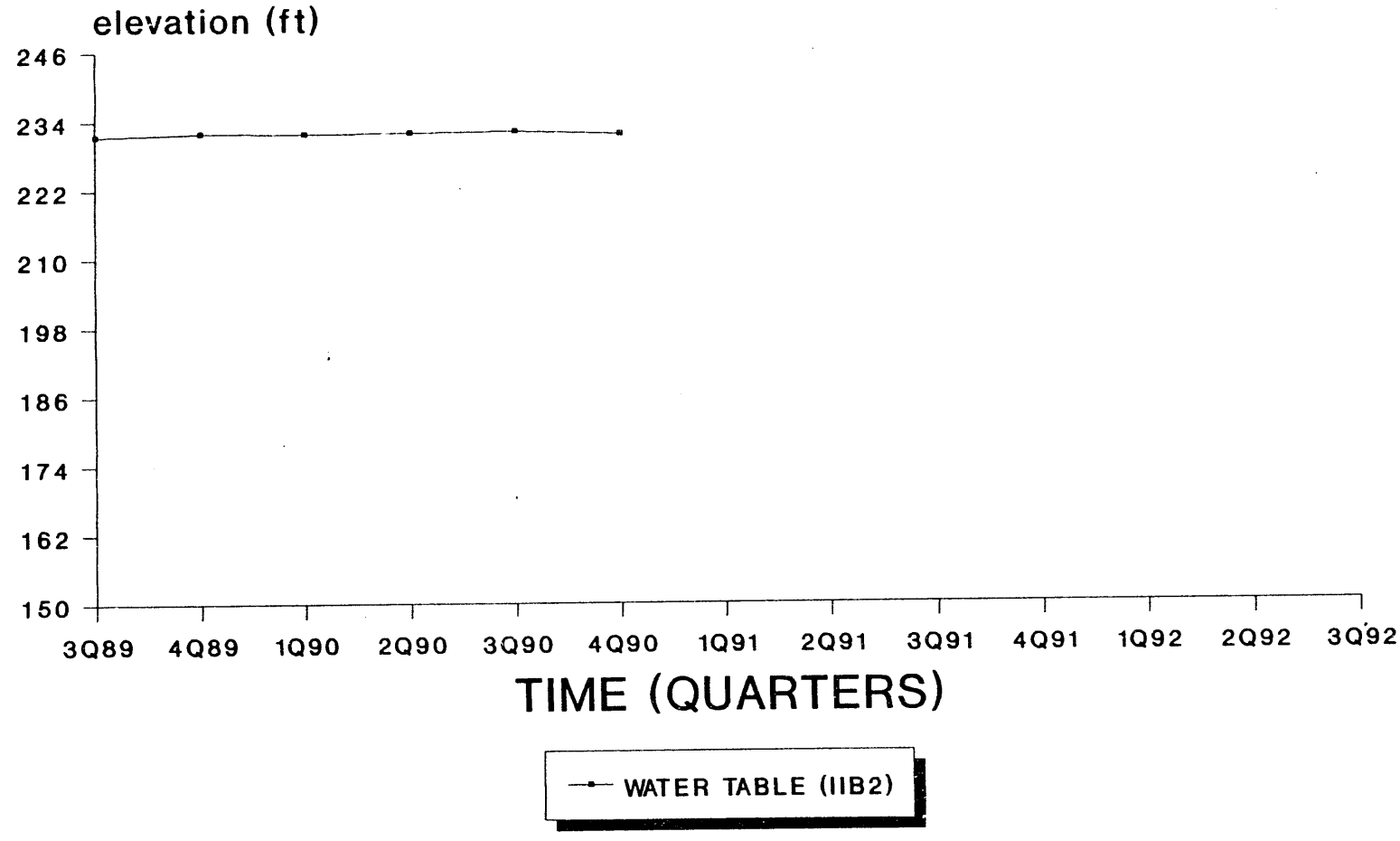
CLUSTER - BGO 18

Water Elevations



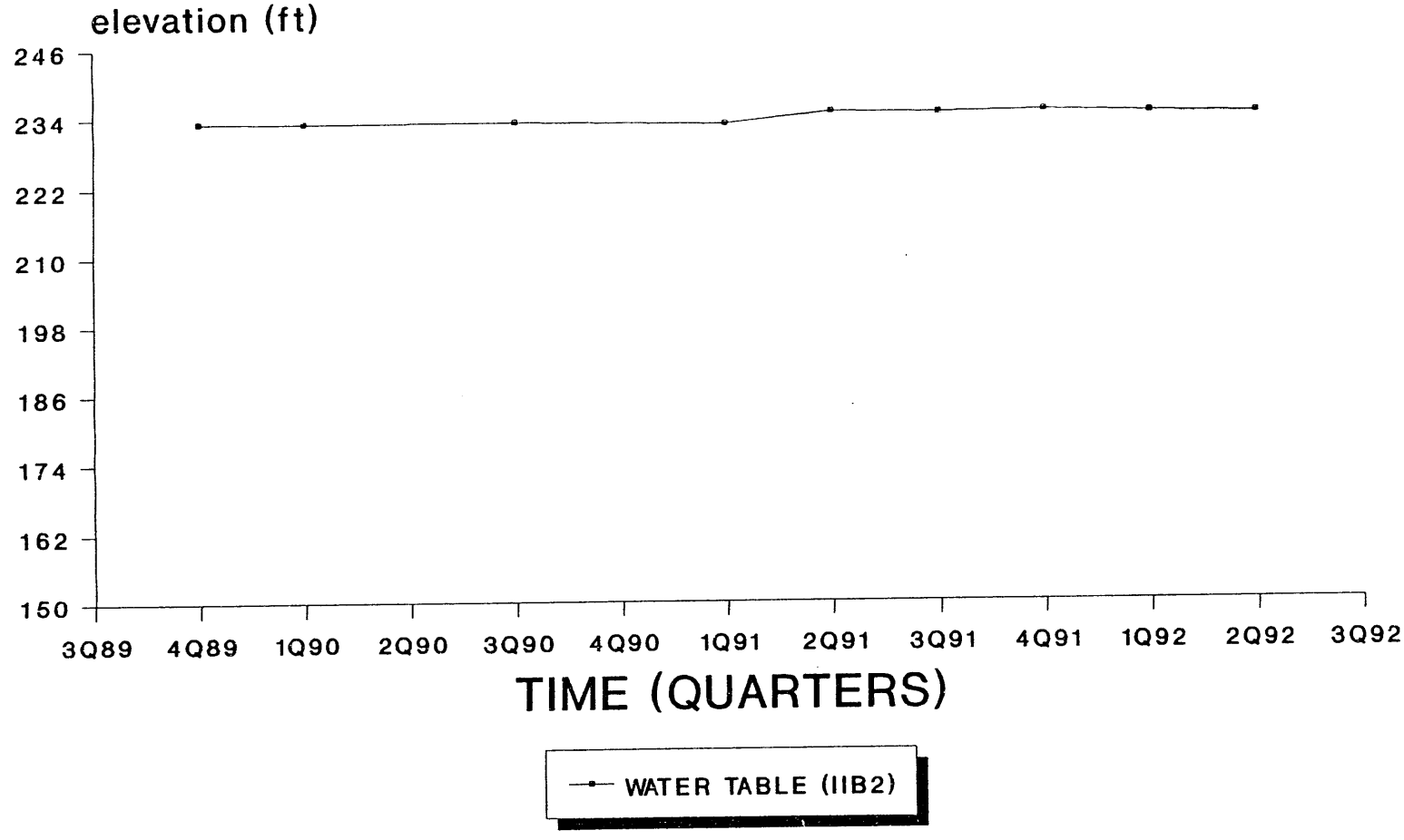
empty space denotes no data or dry well

BGO 19D
Water Elevations



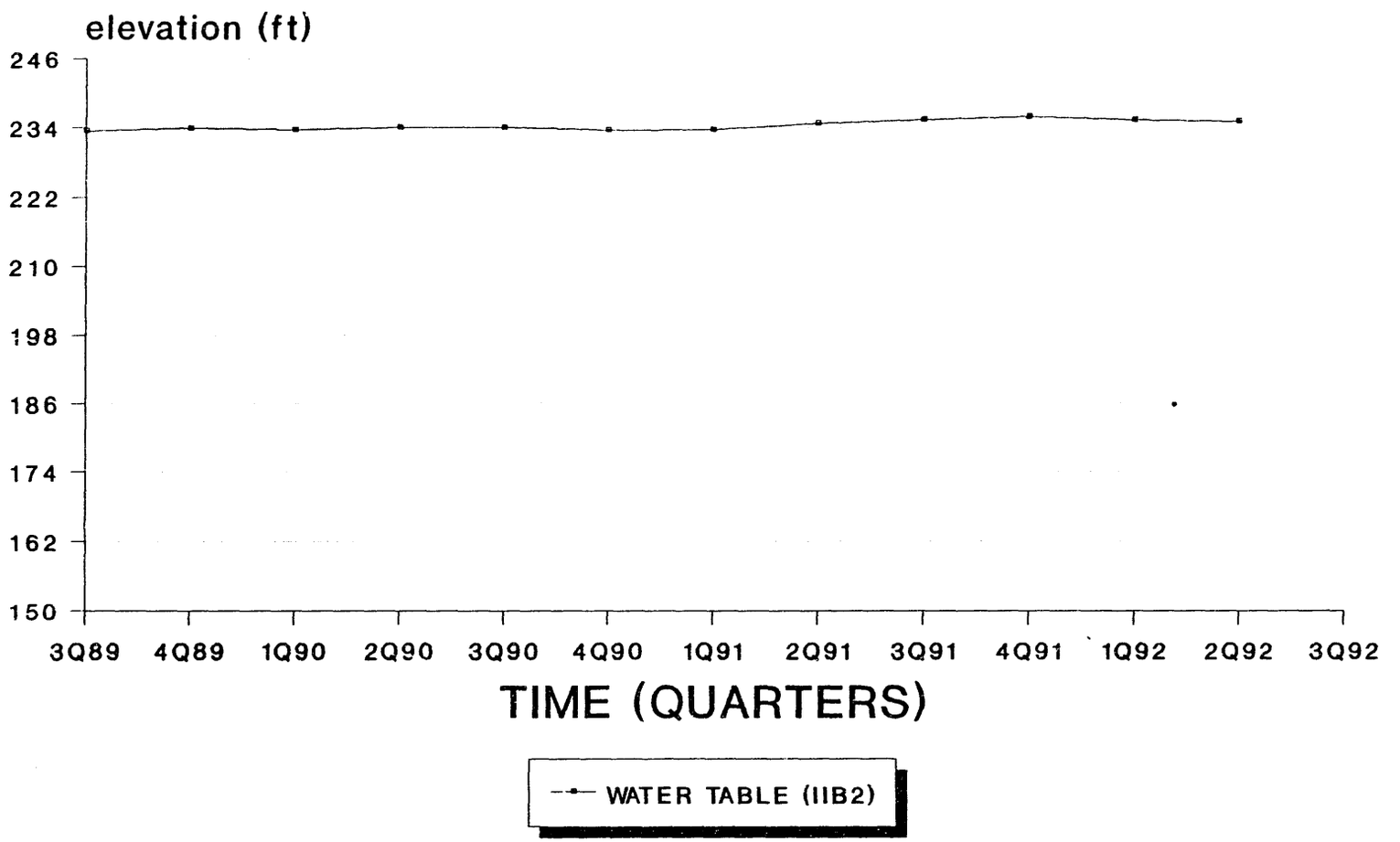
empty space denotes no data or dry well

BGO 20D
Water Elevations



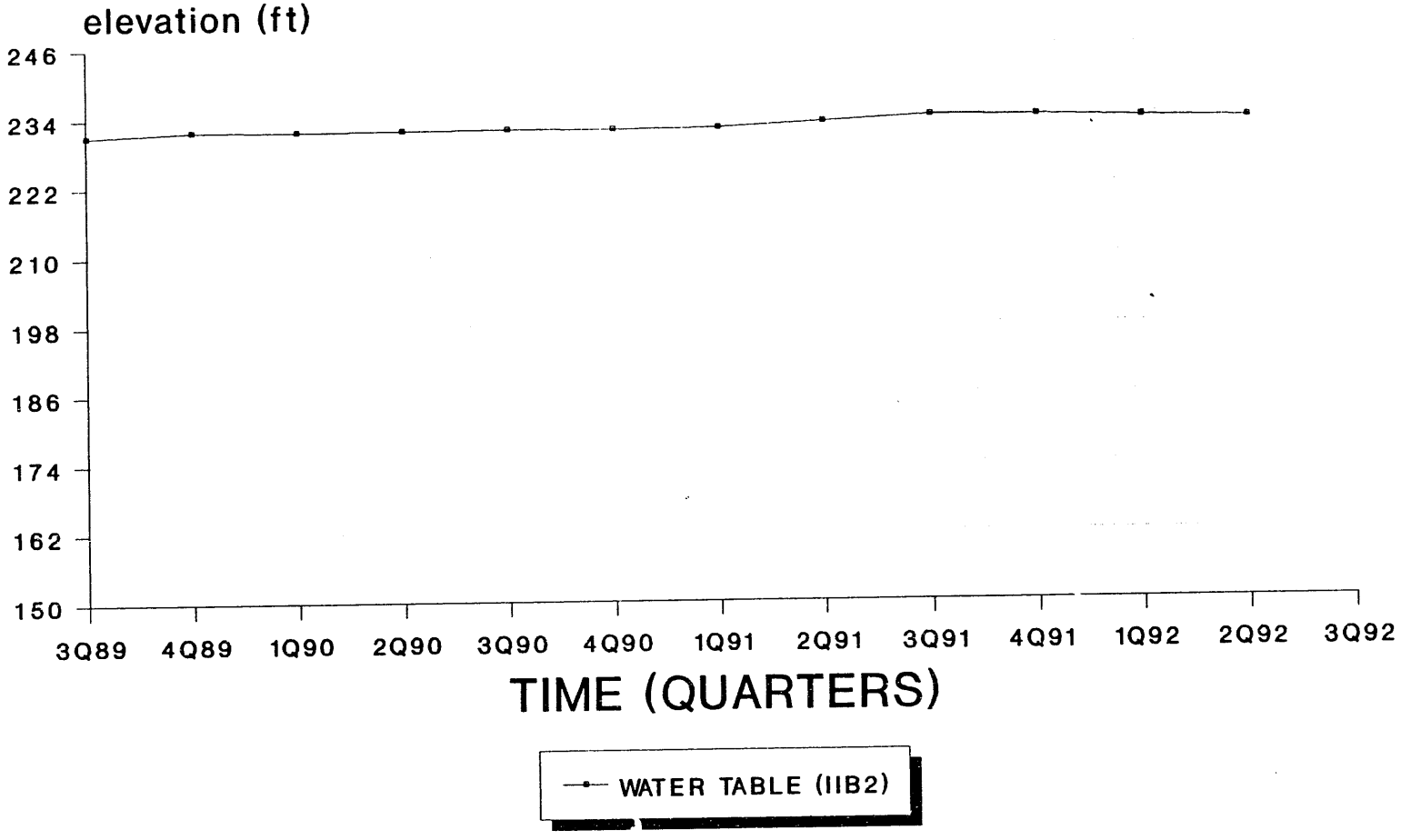
empty space denotes no data or dry well

BGO 21D
Water Elevations



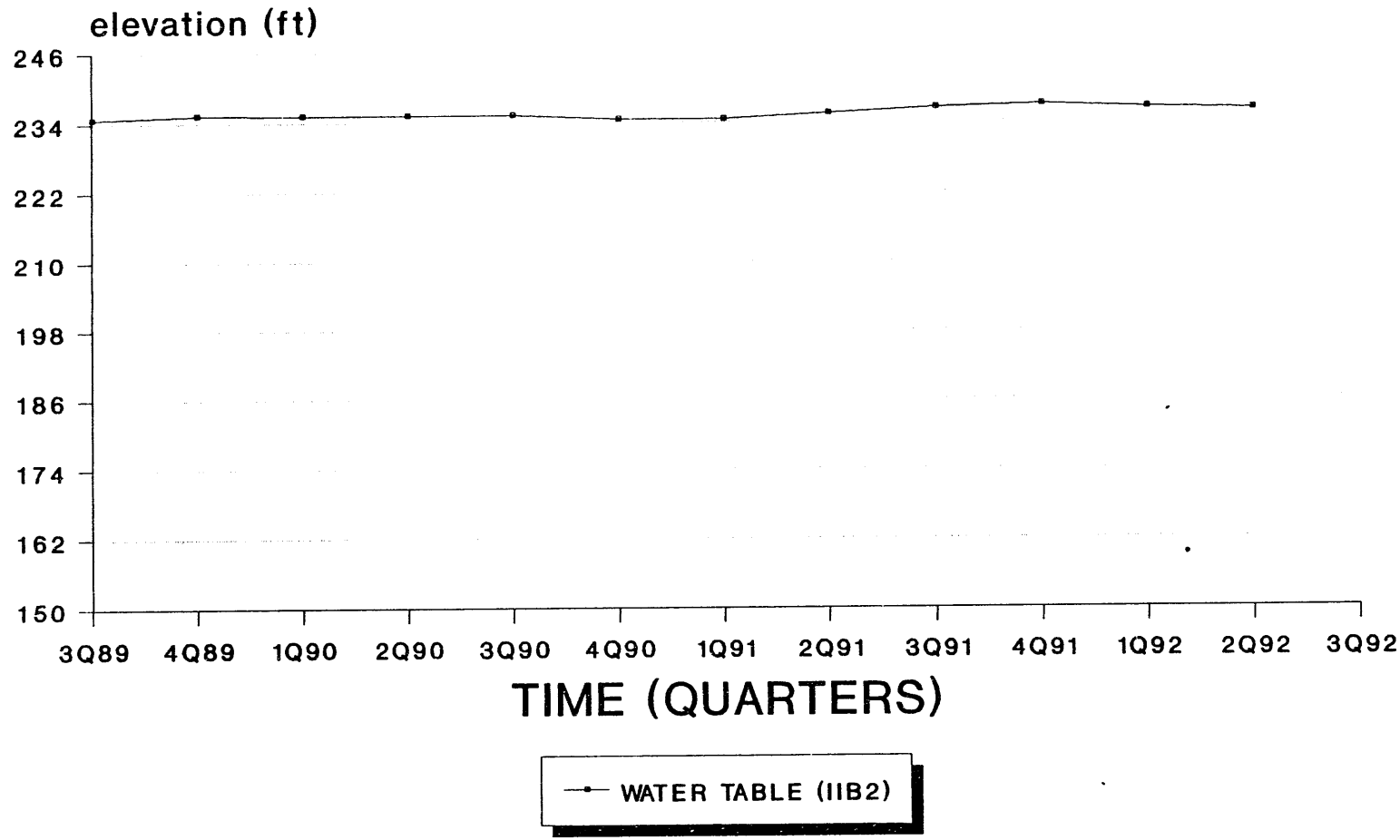
empty space denotes no data or dry well

BGO 22D
Water Elevations



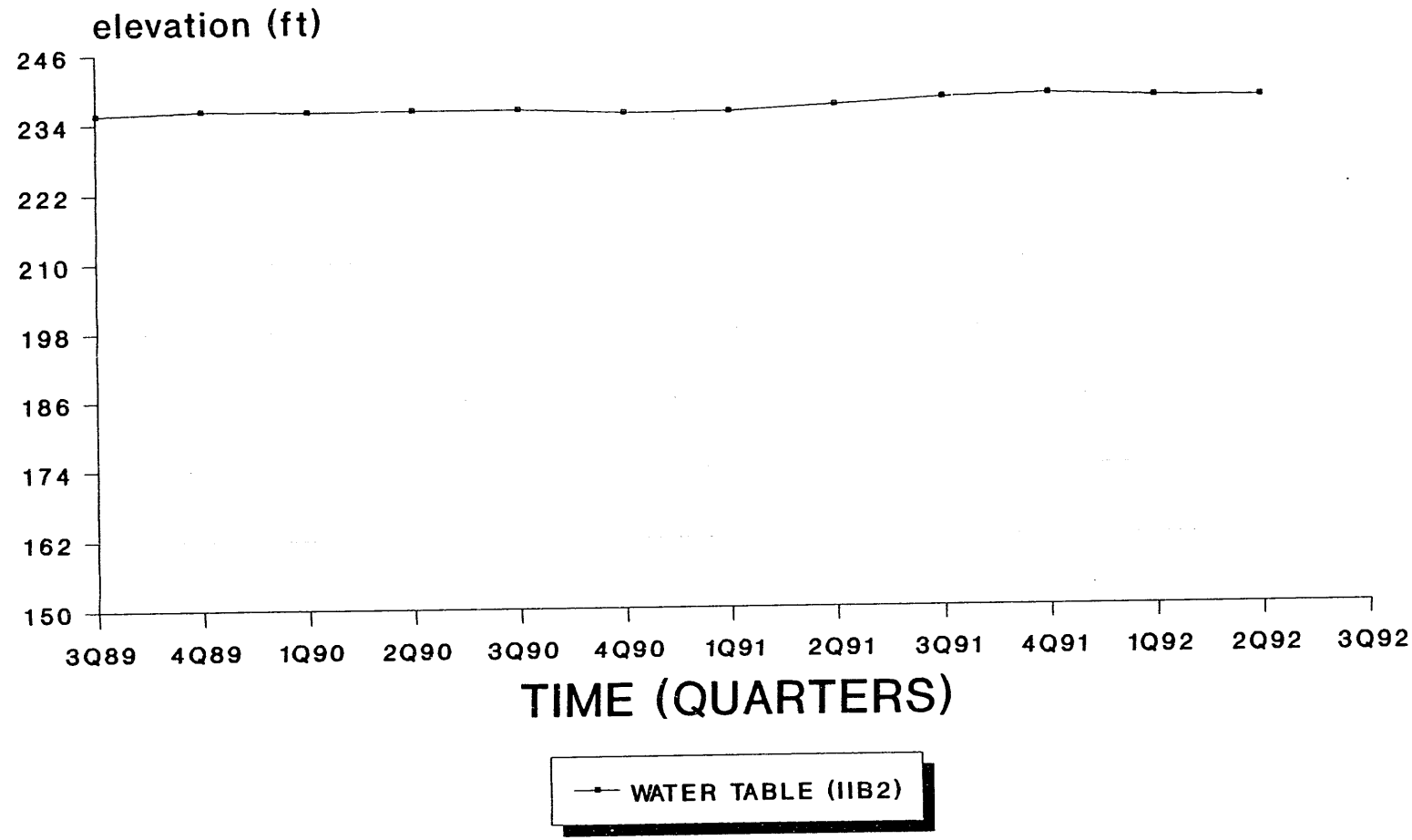
empty space denotes no data or dry well

BGO 23D
Water Elevations



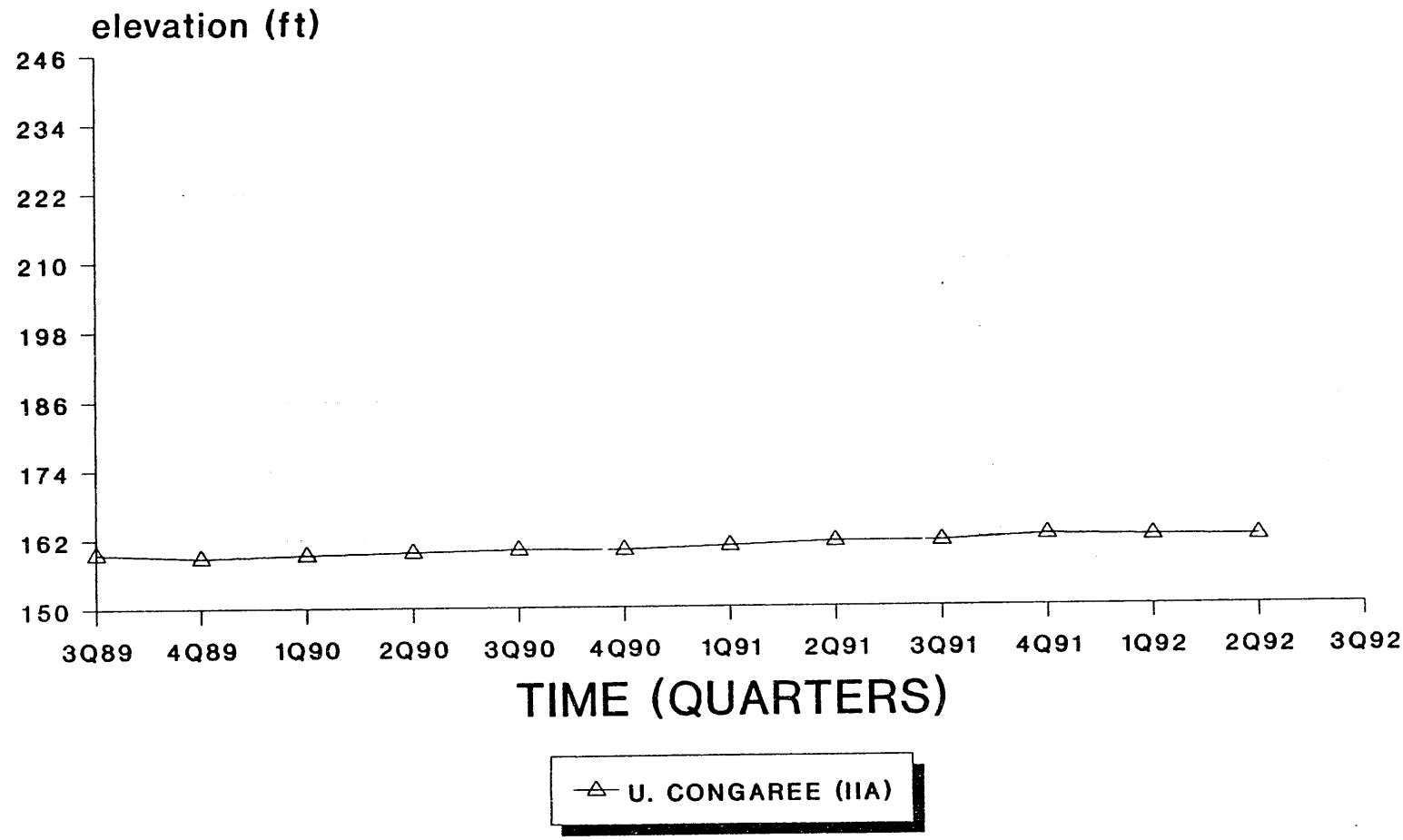
empty space denotes no data or dry well

BGO 24D
Water Elevations



empty space denotes no data or dry well

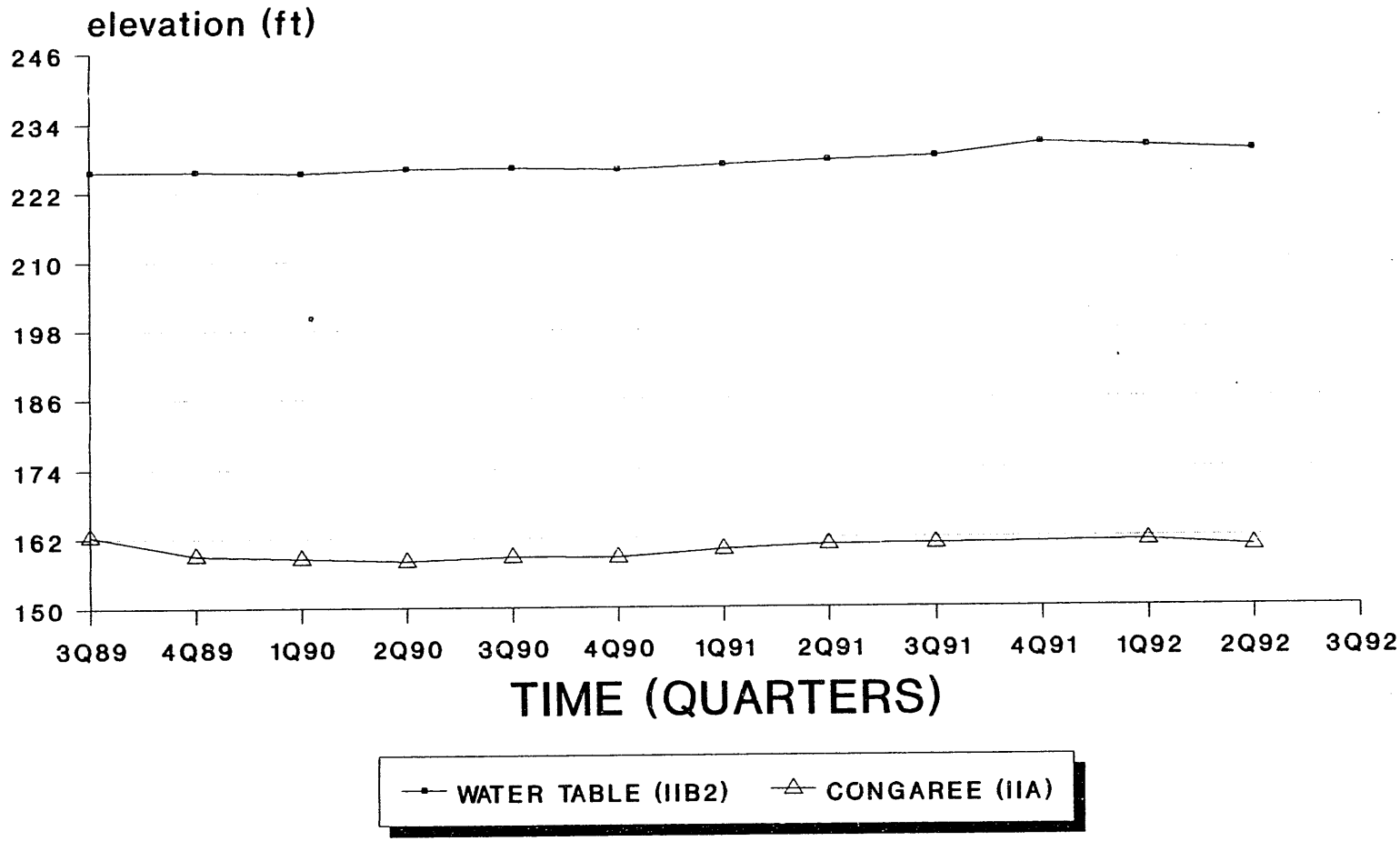
BGO 25A
Water Elevations



empty space denotes no data or dry well

CLUSTER - BGO 26

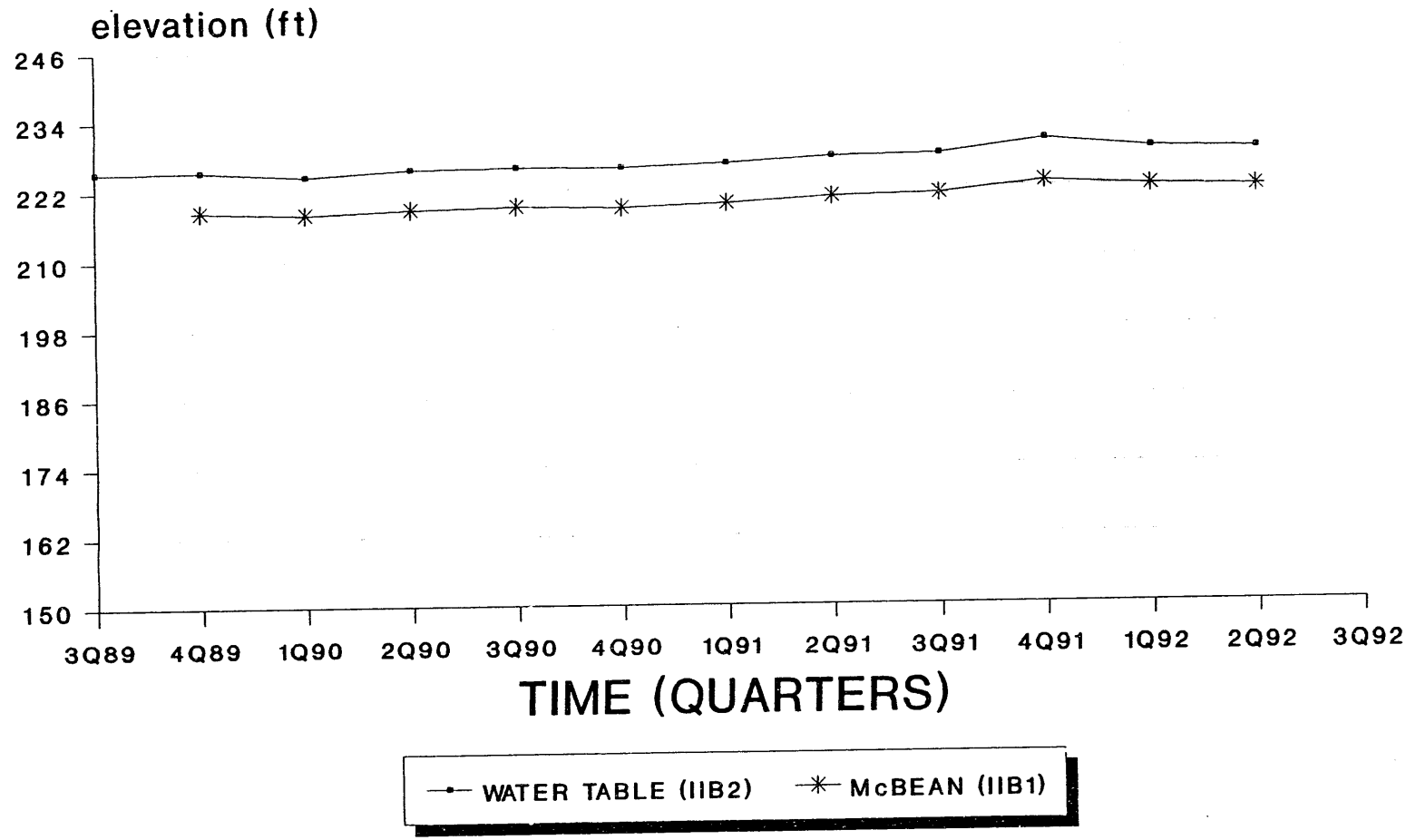
Water Elevations



empty space denotes no data or dry well

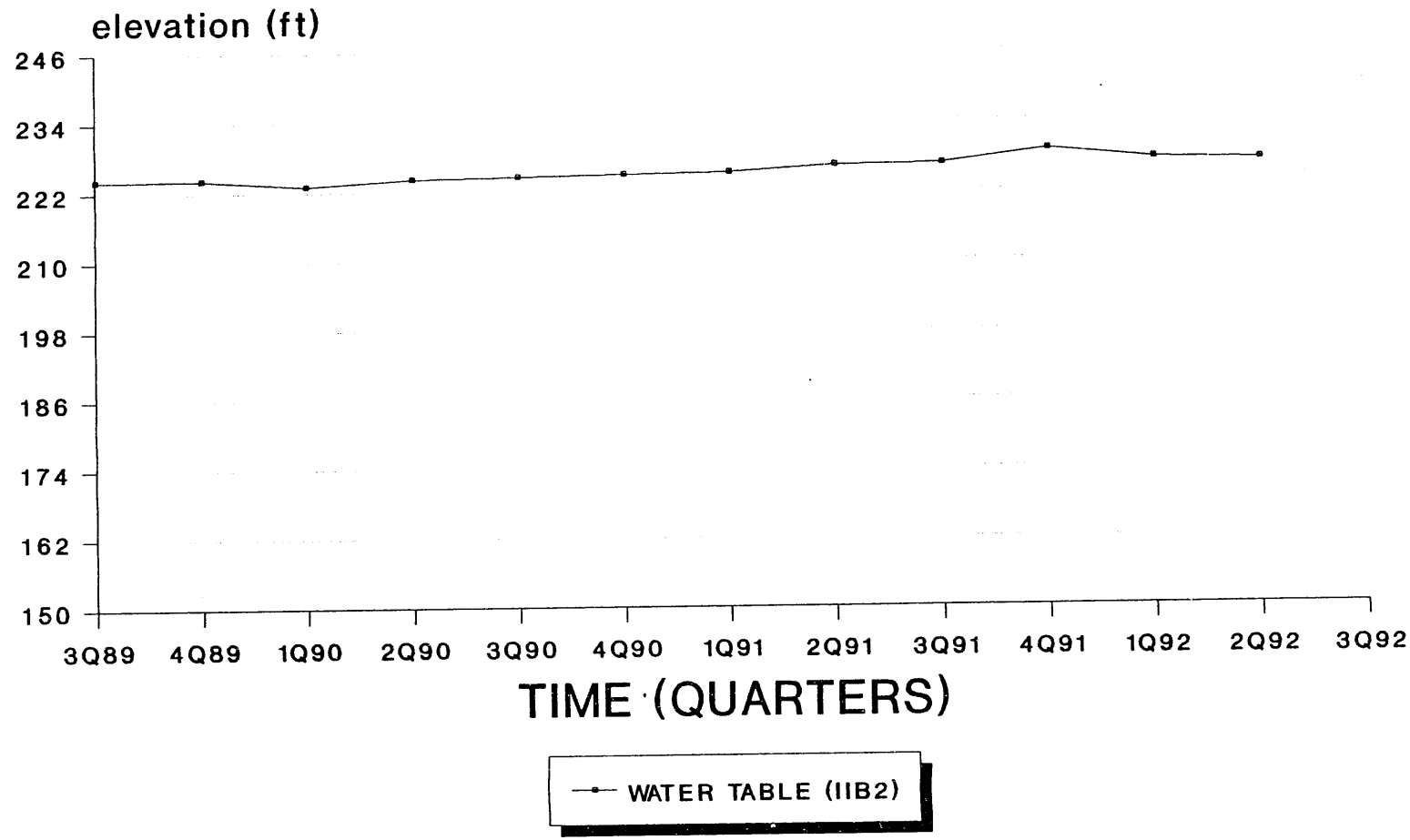
CLUSTER - BGO 27

Water Elevations



empty space denotes no data or dry well

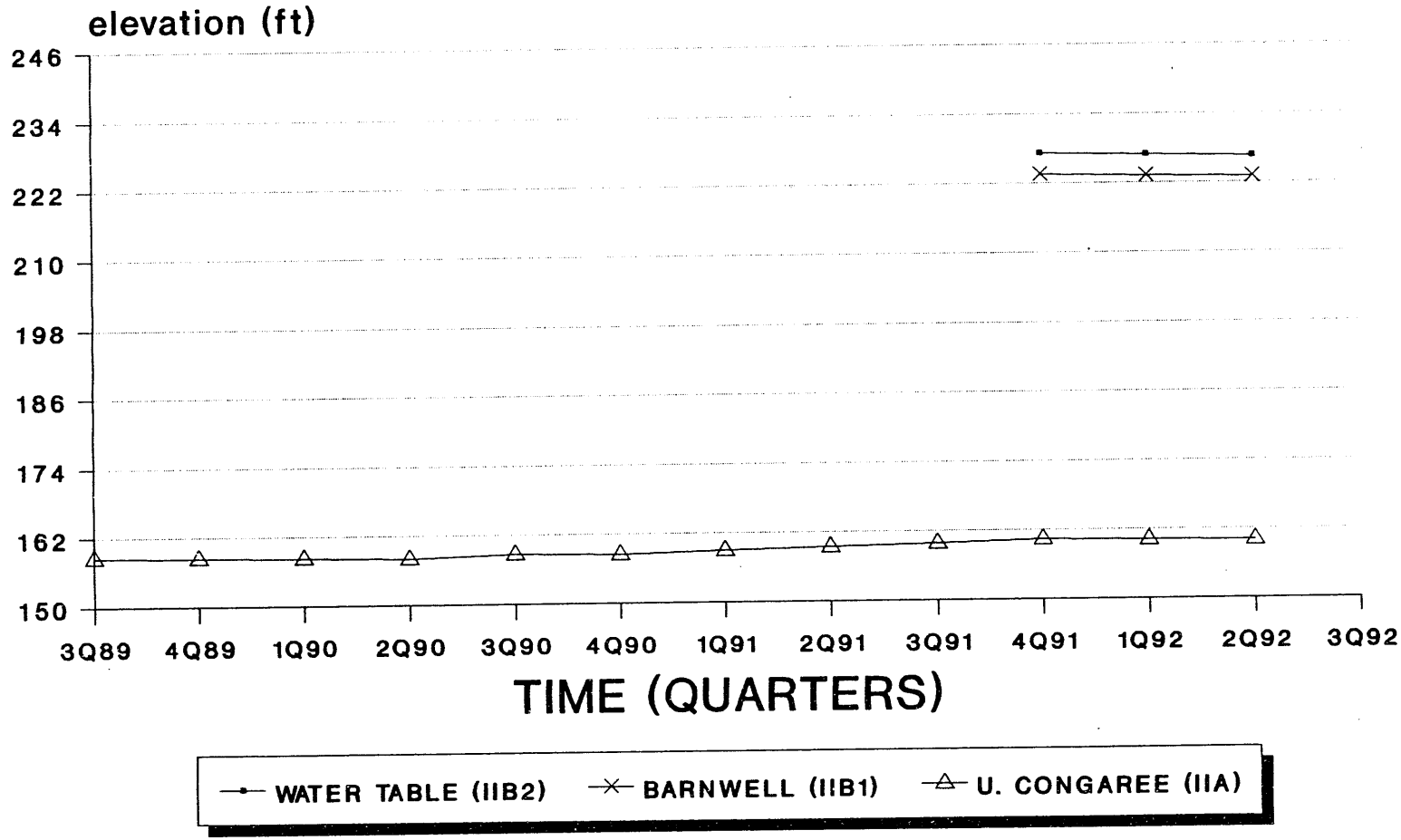
BGO 28D
Water Elevations



empty space denotes no data or dry well

CLUSTER - BGO 29

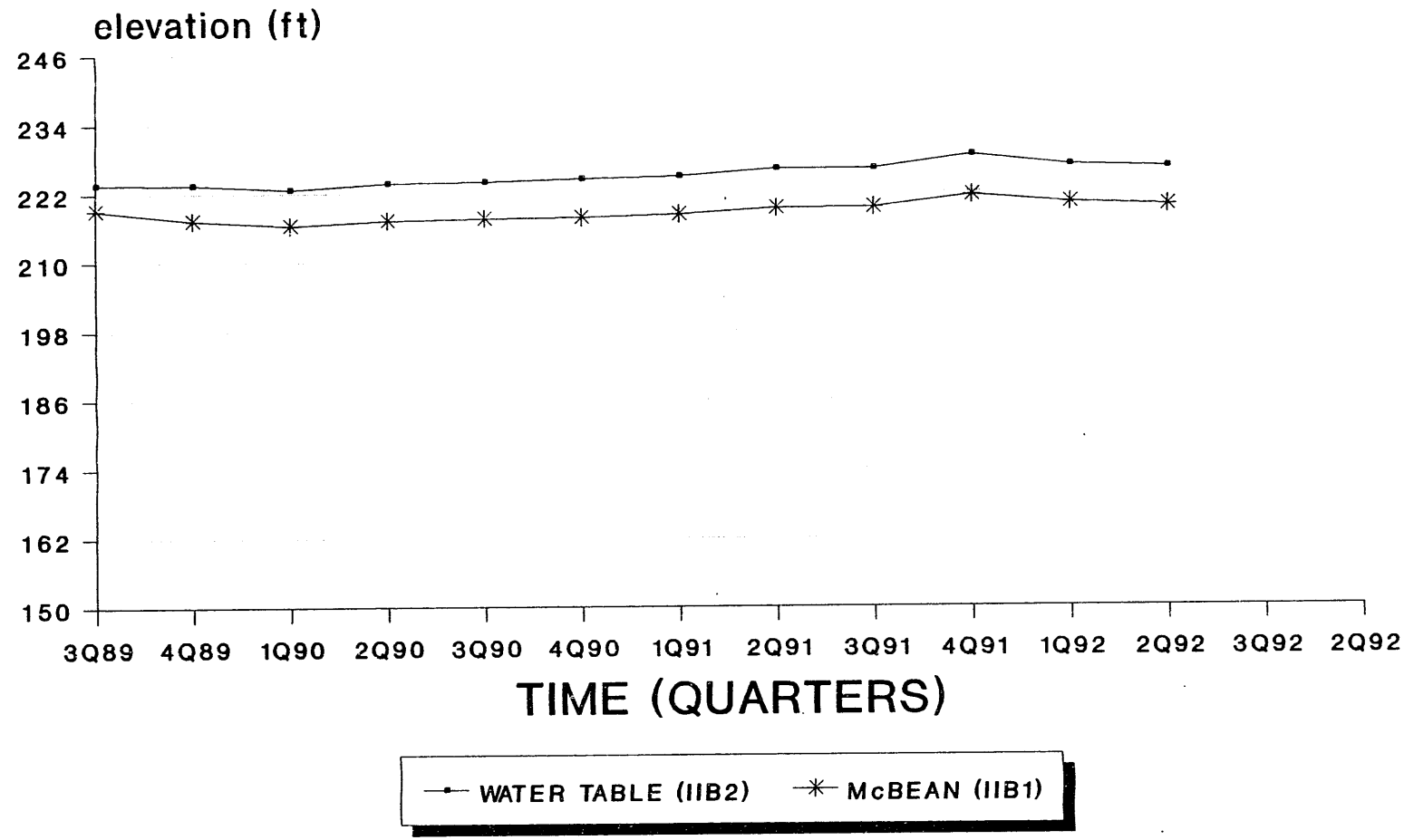
Water Elevations



empty space denotes no data or dry well

CLUSTER - BGO 30

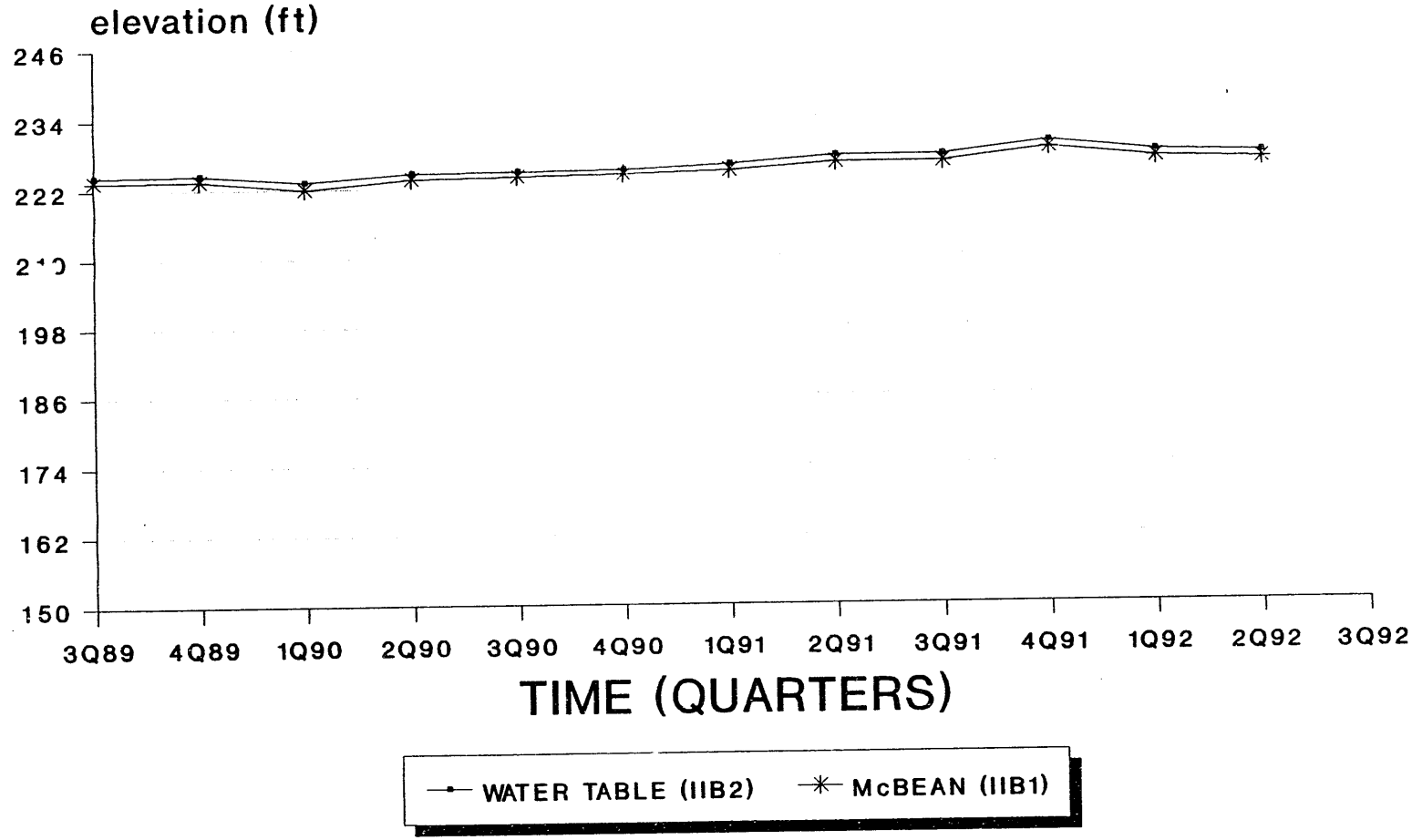
Water Elevations



empty space denotes no data or dry well

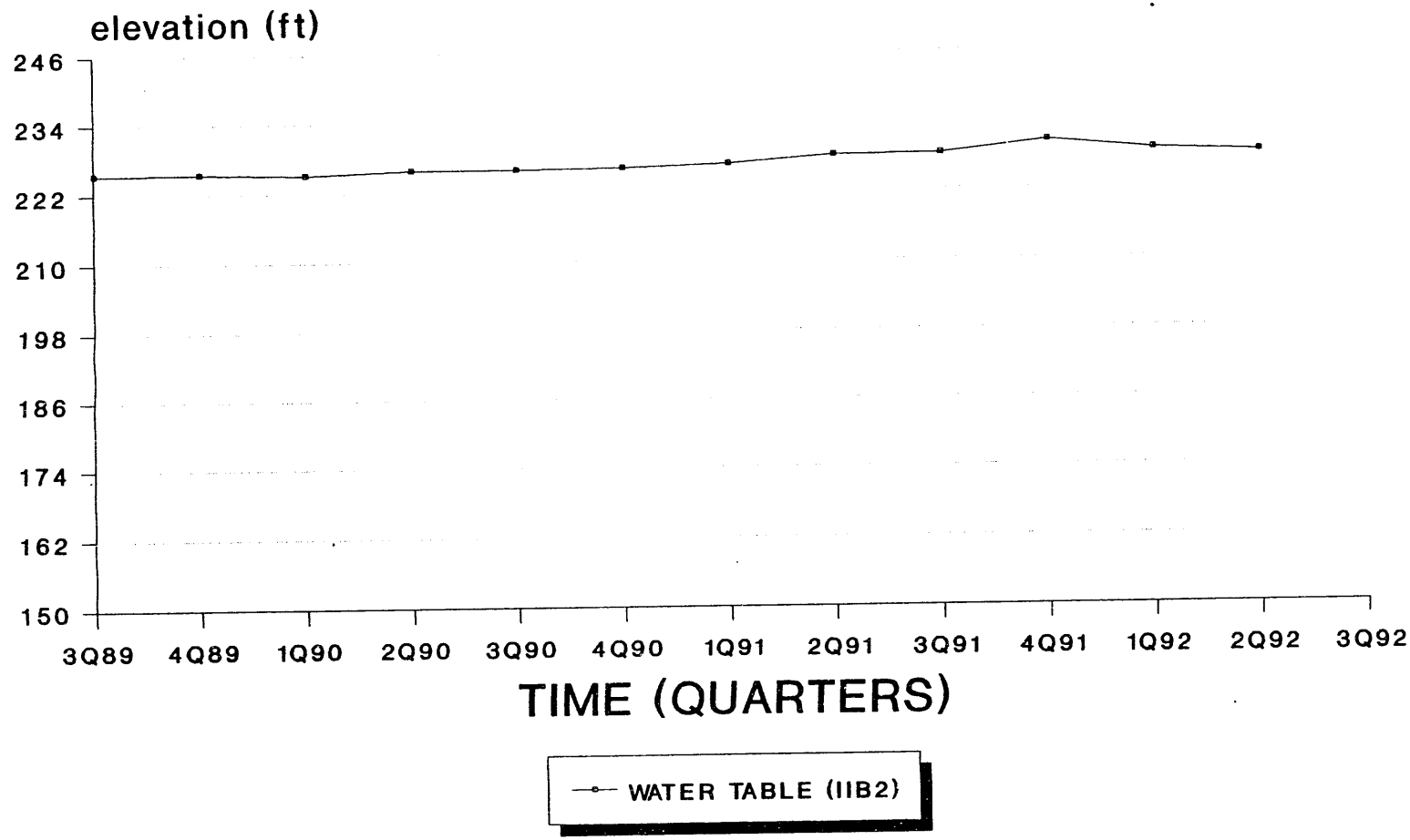
CLUSTER - BGO 31

Water Elevations



empty space denotes no data or dry well

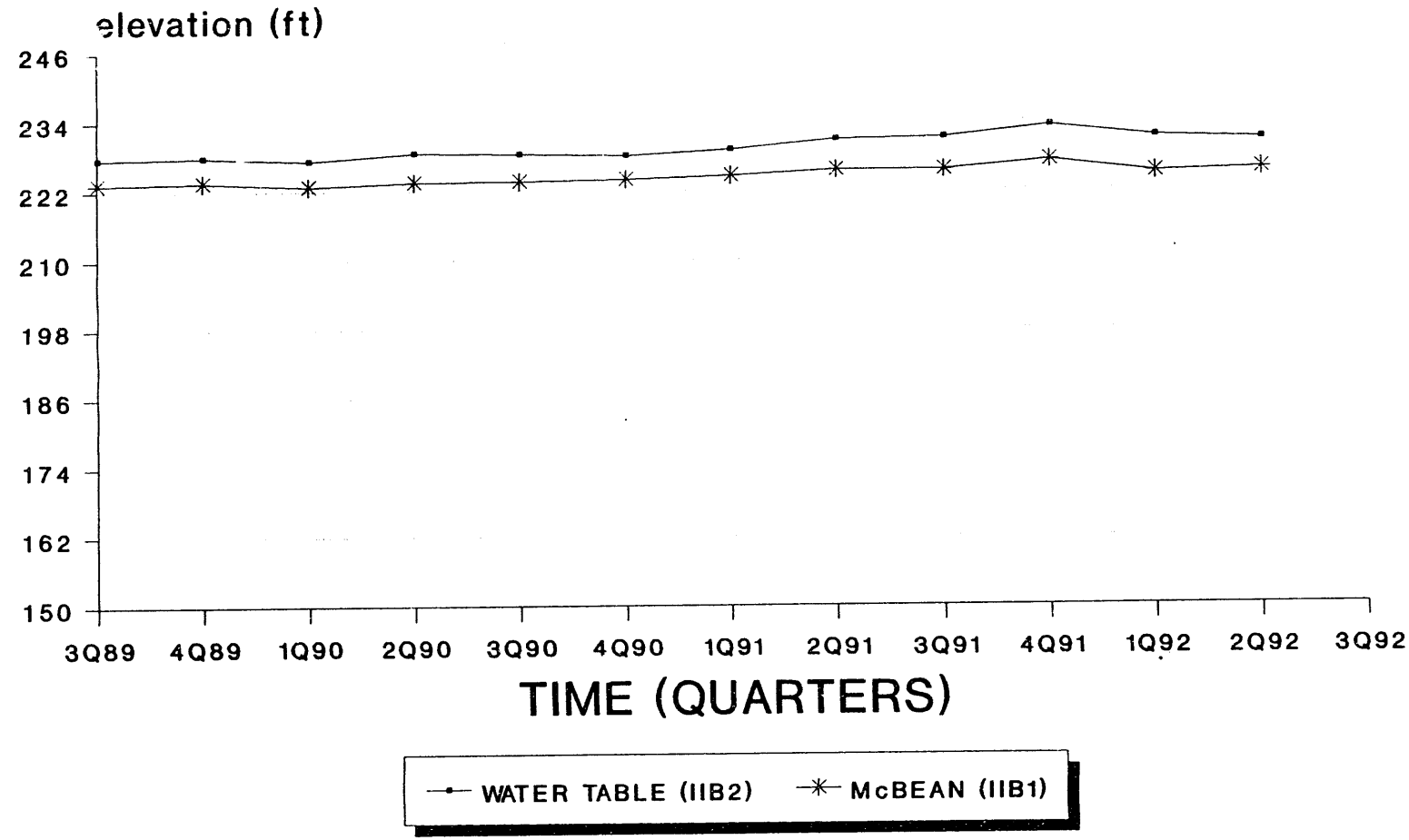
BGO 32D
Water Elevations



empty space denotes no data or dry well

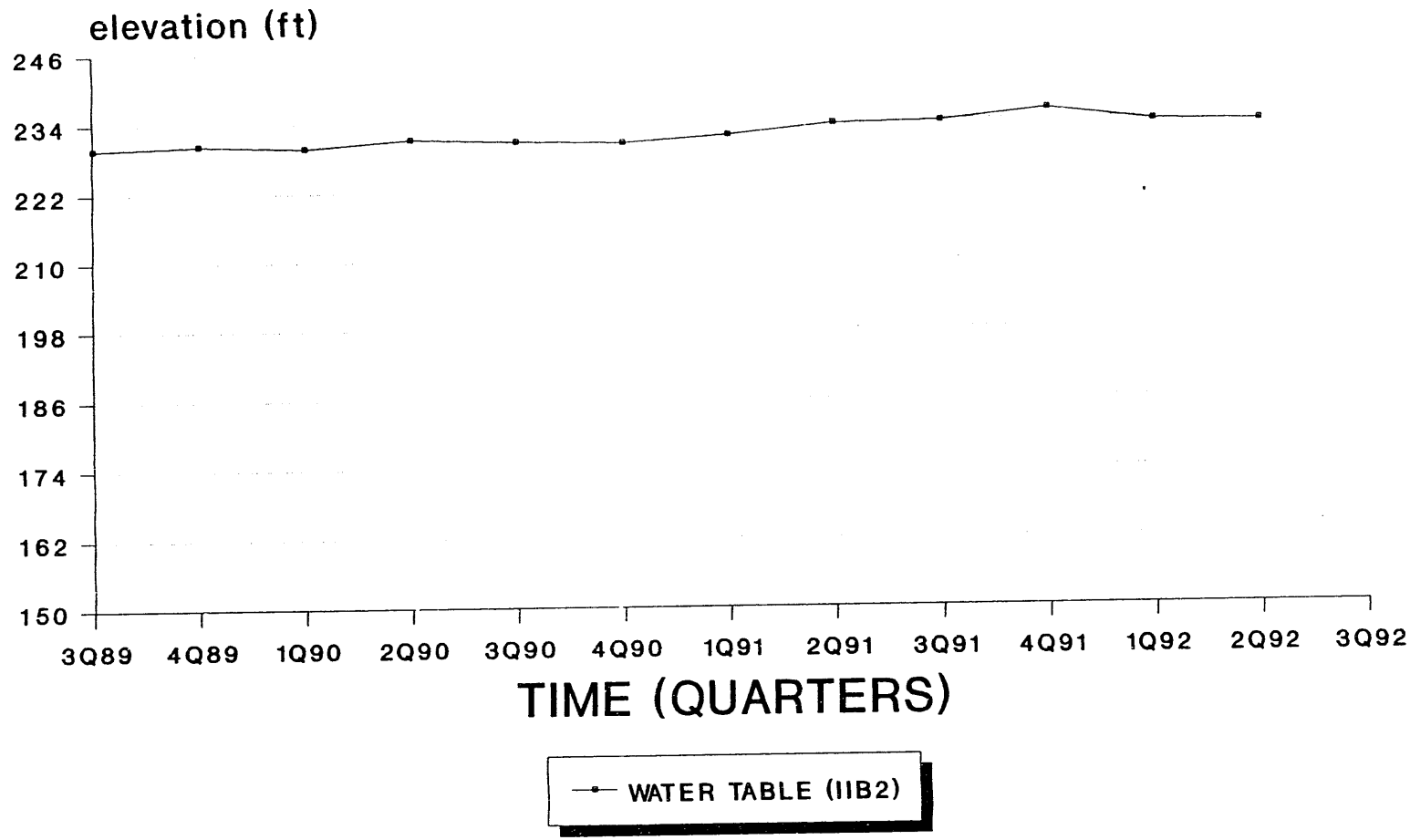
CLUSTER - BGO 33

Water Elevations



empty space denotes no data or dry well

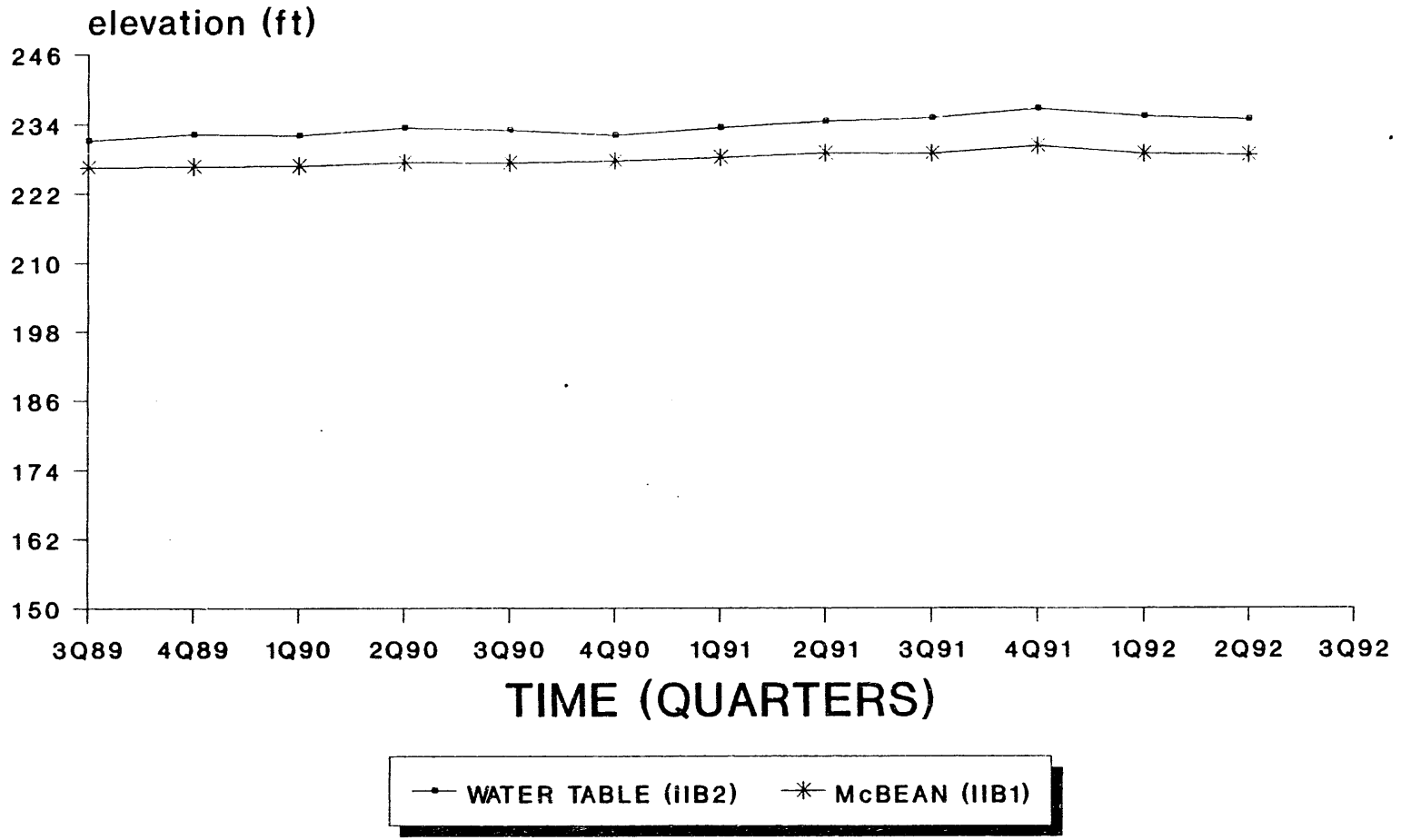
BGO 34D
Water Elevations



empty space denotes no data or dry well

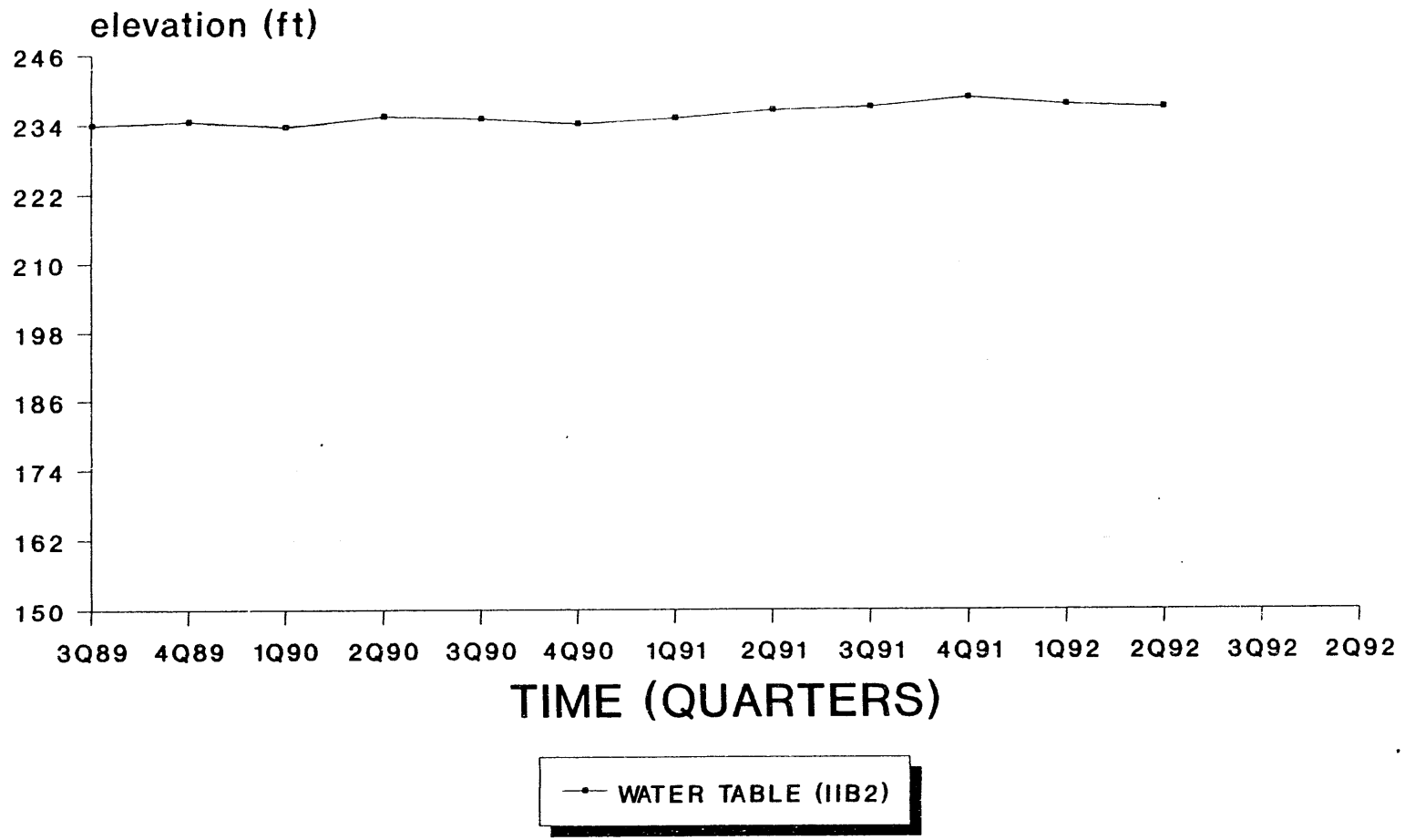
CLUSTER - BGO 35

Water Elevations



empty space denotes no data or dry well

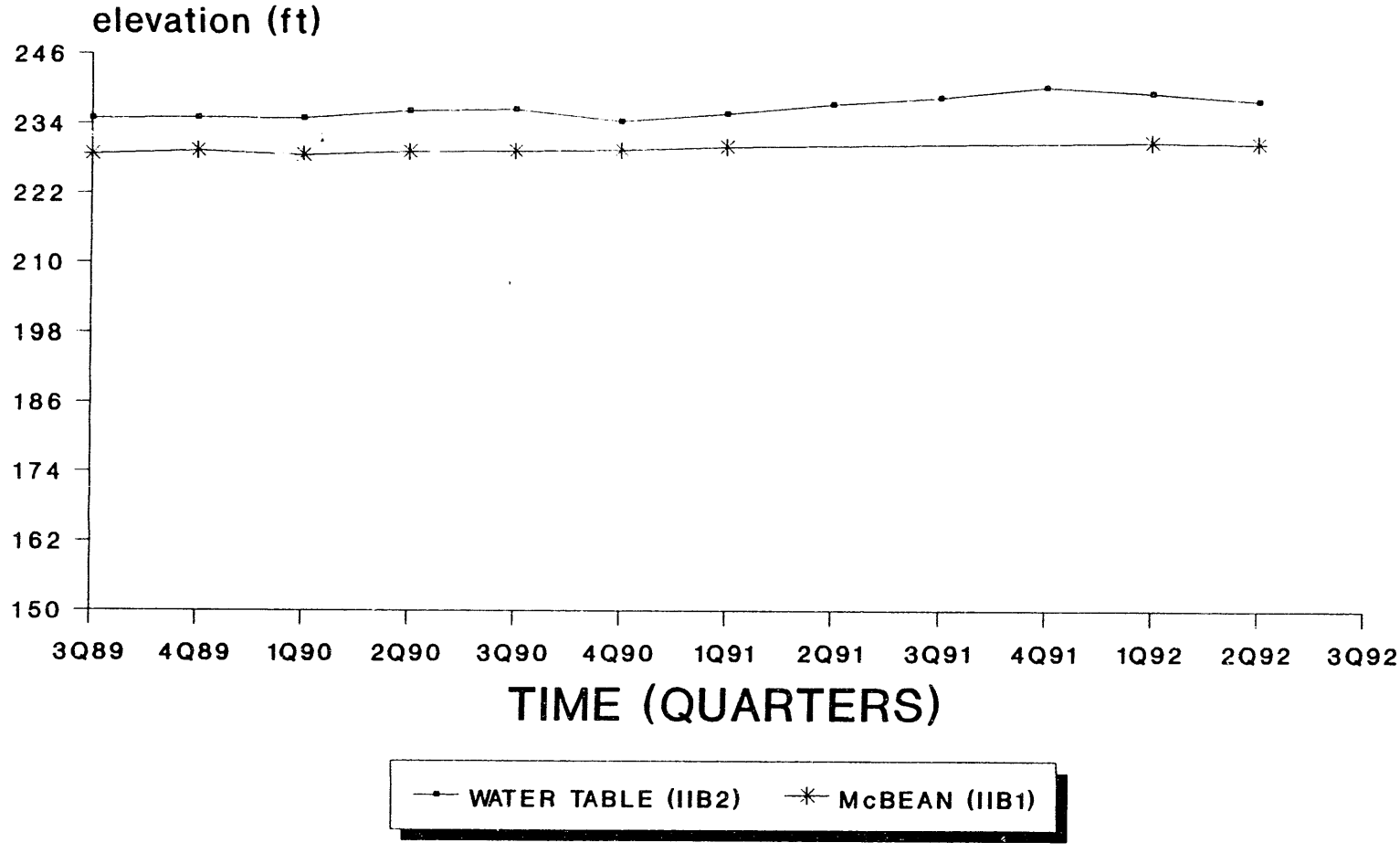
BGO 36D
Water Elevations



empty space denotes no data or dry well

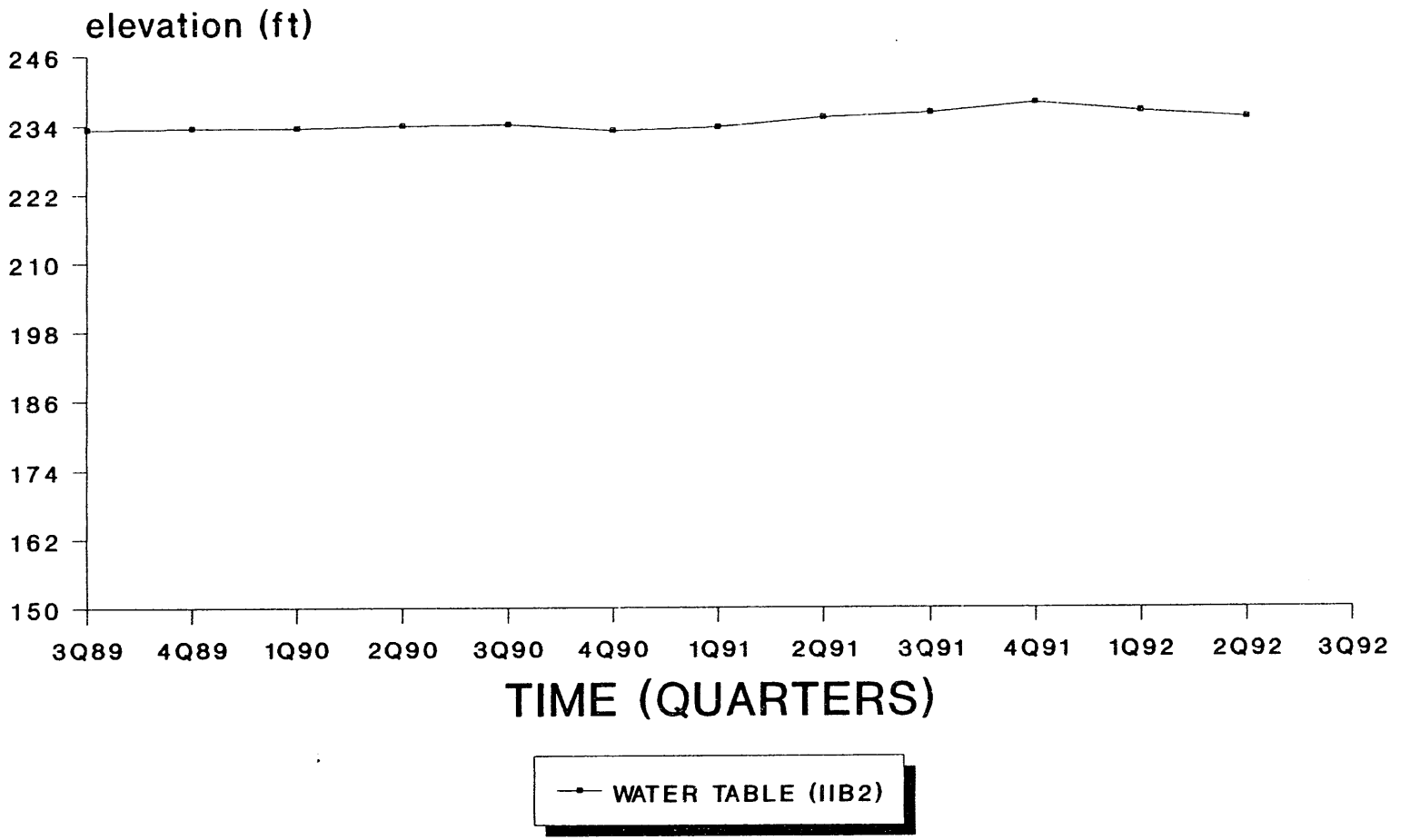
CLUSTER - BGO 37

Water Elevations



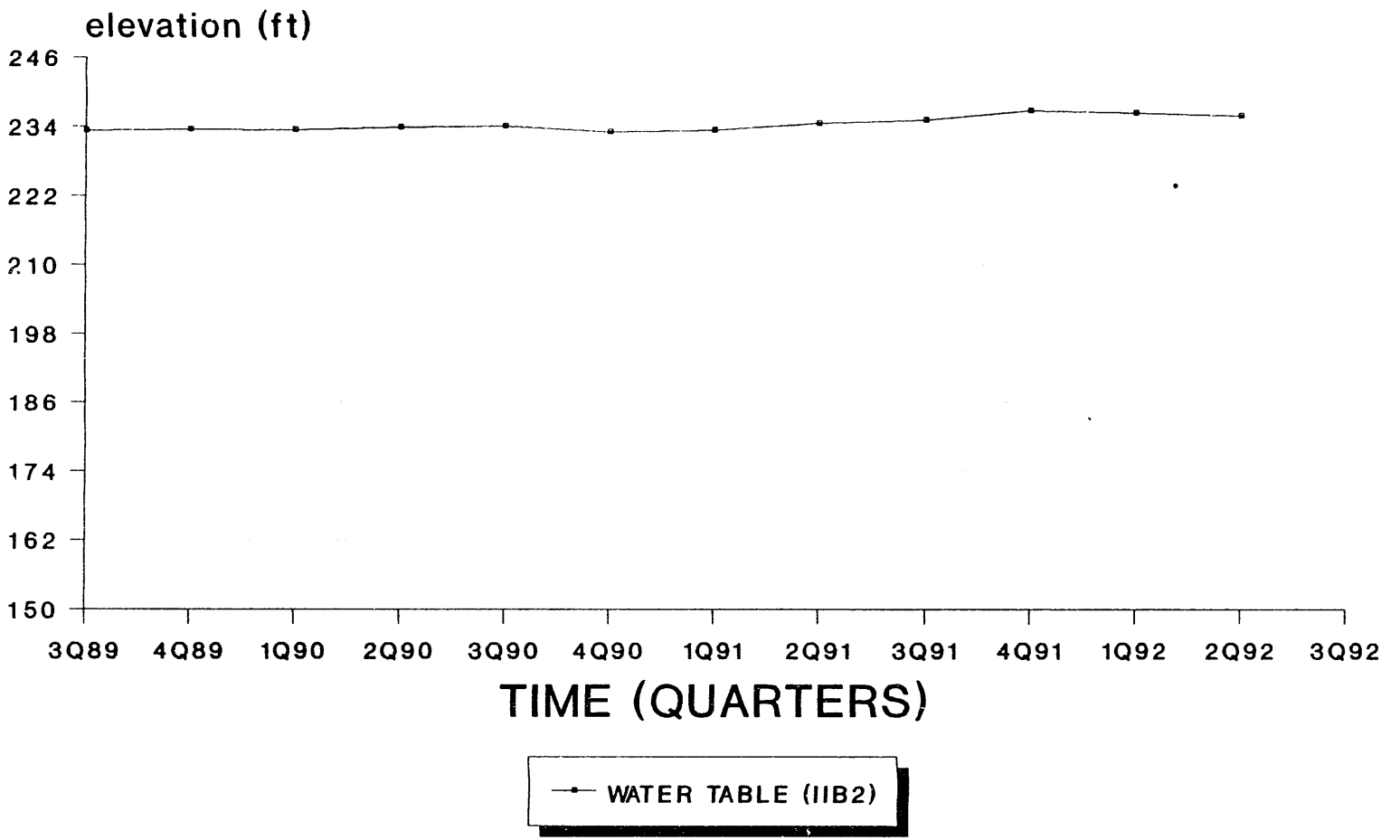
empty space denotes no data or dry well

BGO 38D
Water Elevations



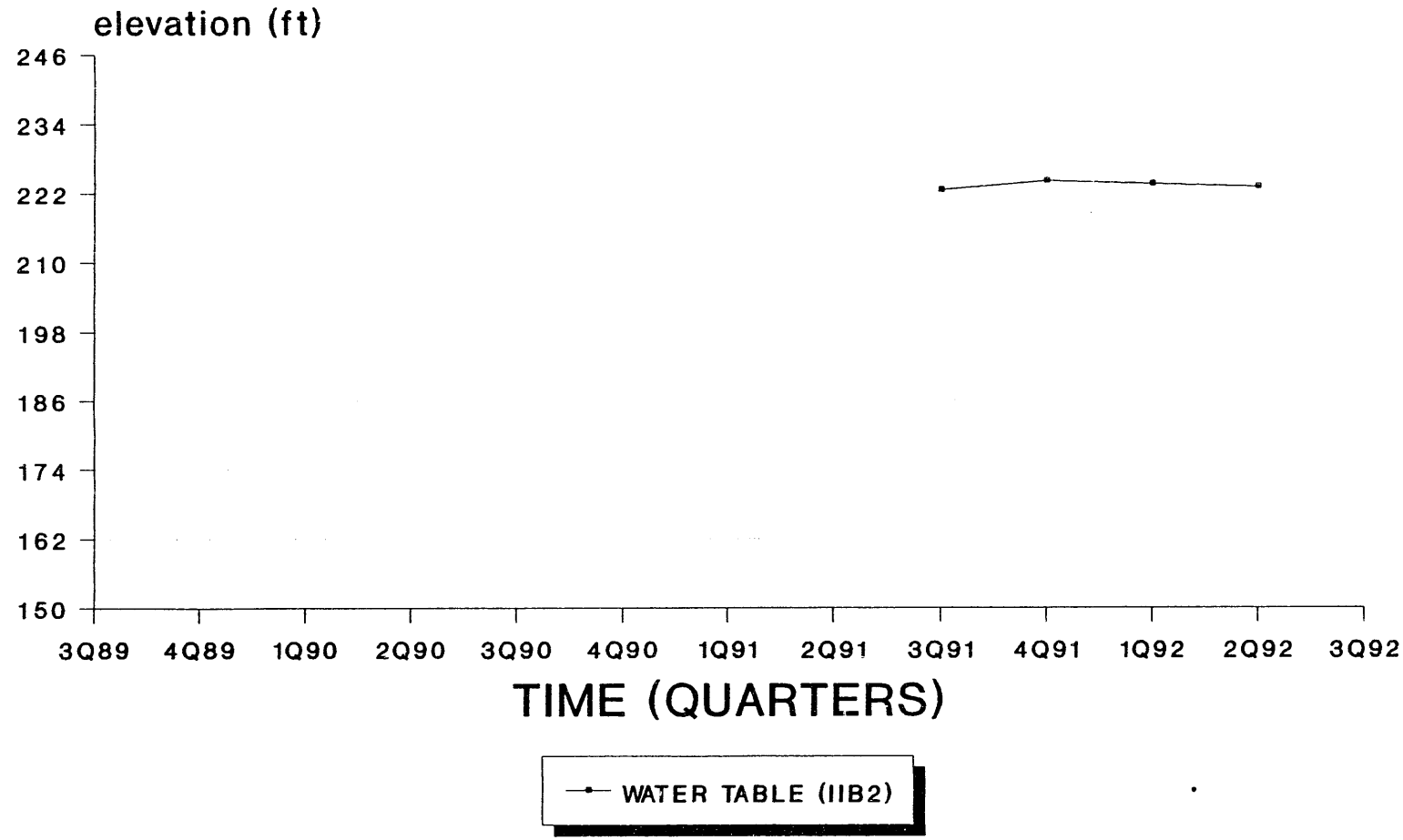
empty space denotes no data or dry well

BGO 39D
Water Elevations



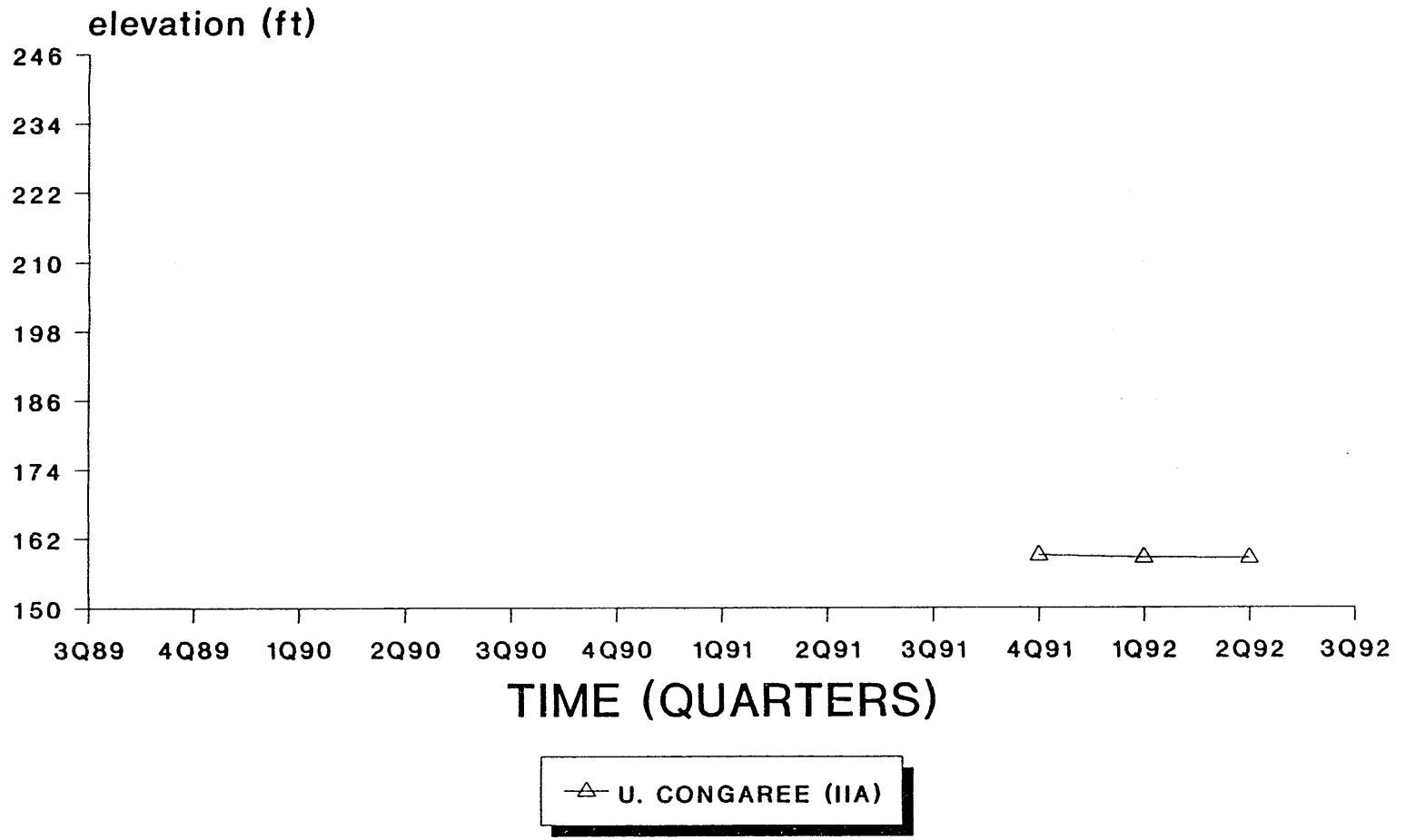
empty space denotes no data or dry well

BGO 40D
Water Elevations



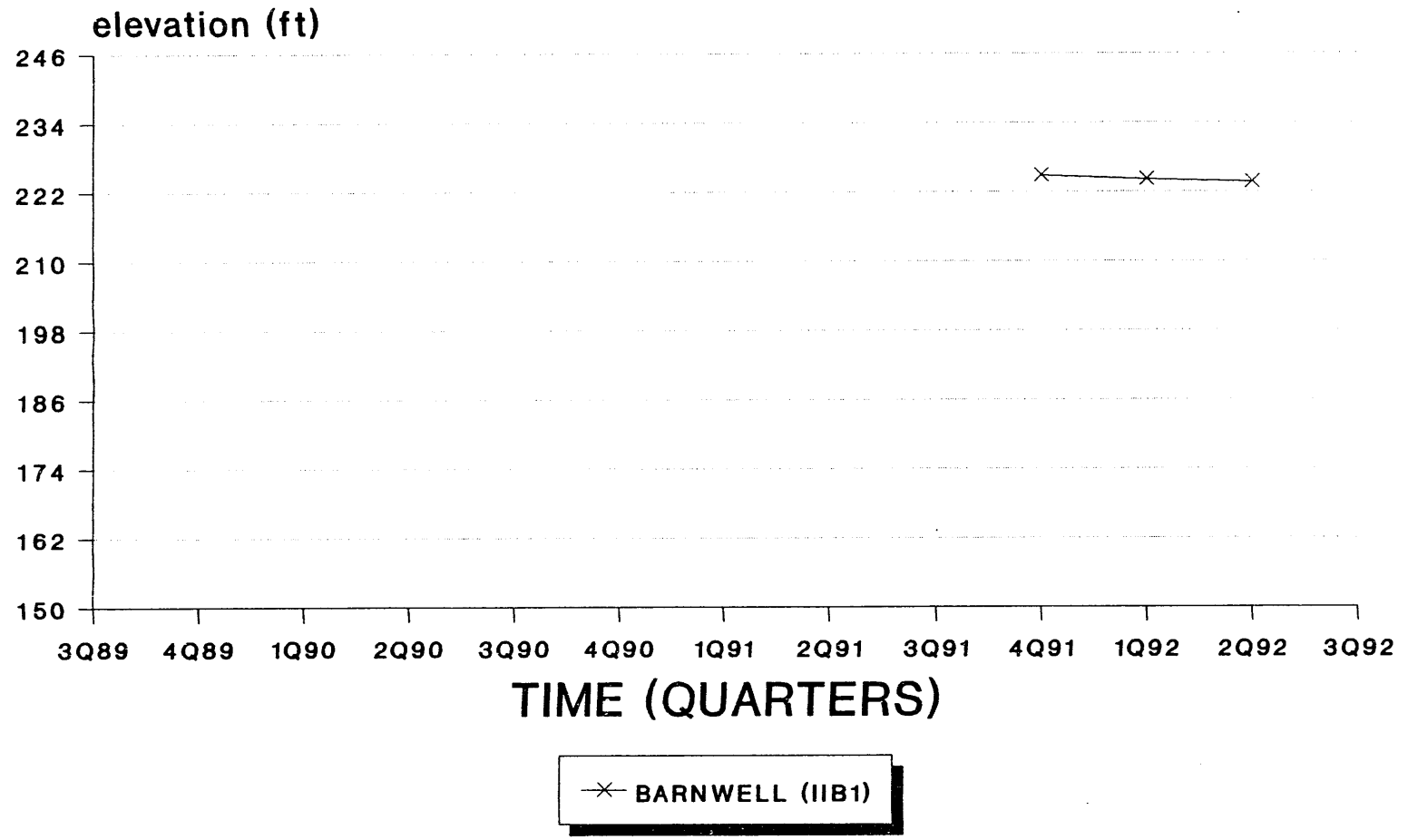
empty space denotes no data or dry well

BGO 41A
Water Elevations



empty space denotes no data or dry well

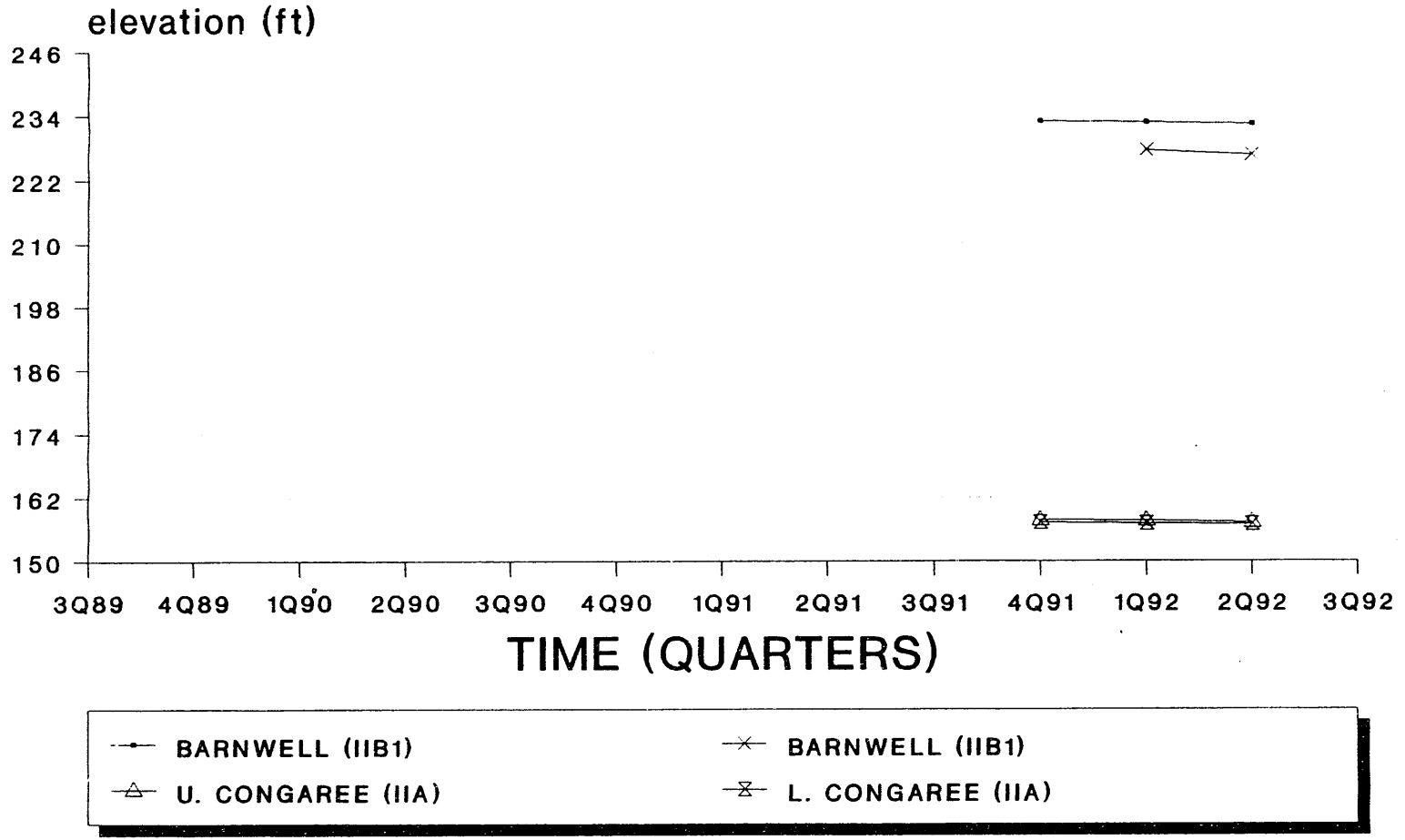
BGO 42C
Water Elevations



empty space denotes no data or dry well

CLUSTER - BGO 43

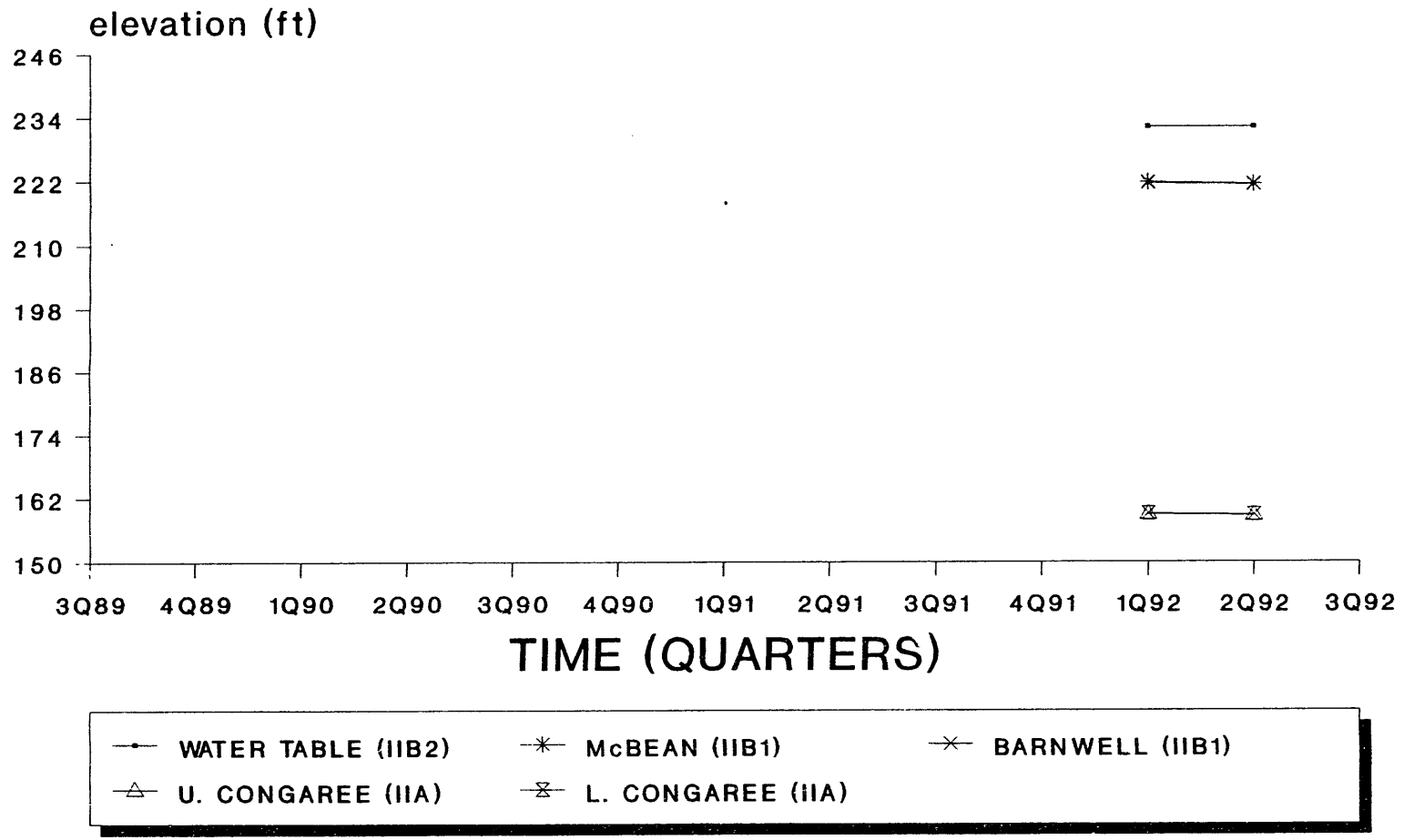
Water Elevations



empty space denotes no data or dry well

CLUSTER - BGO 44

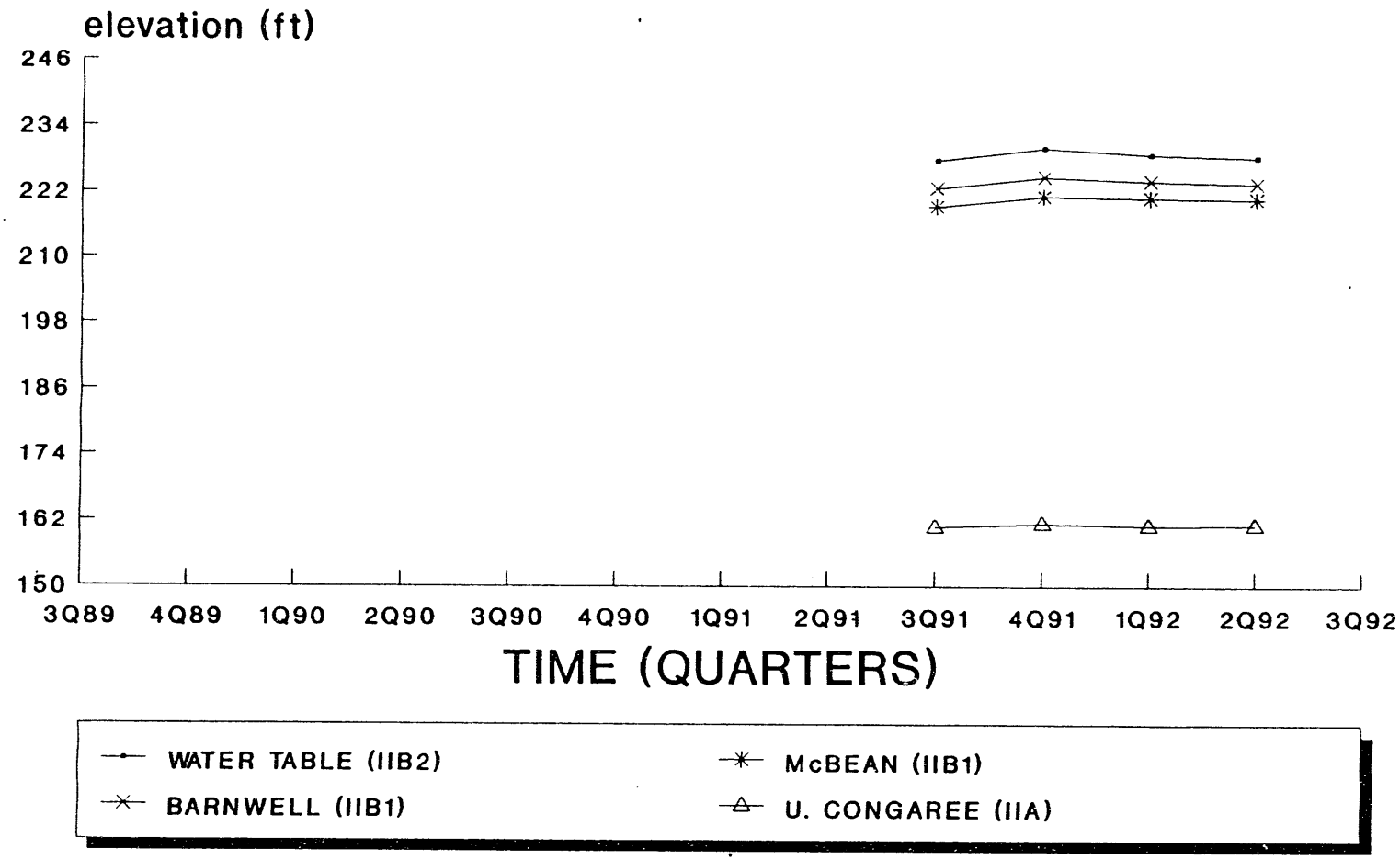
Water Elevations



empty space denotes no data or dry well

CLUSTER - BGO 45

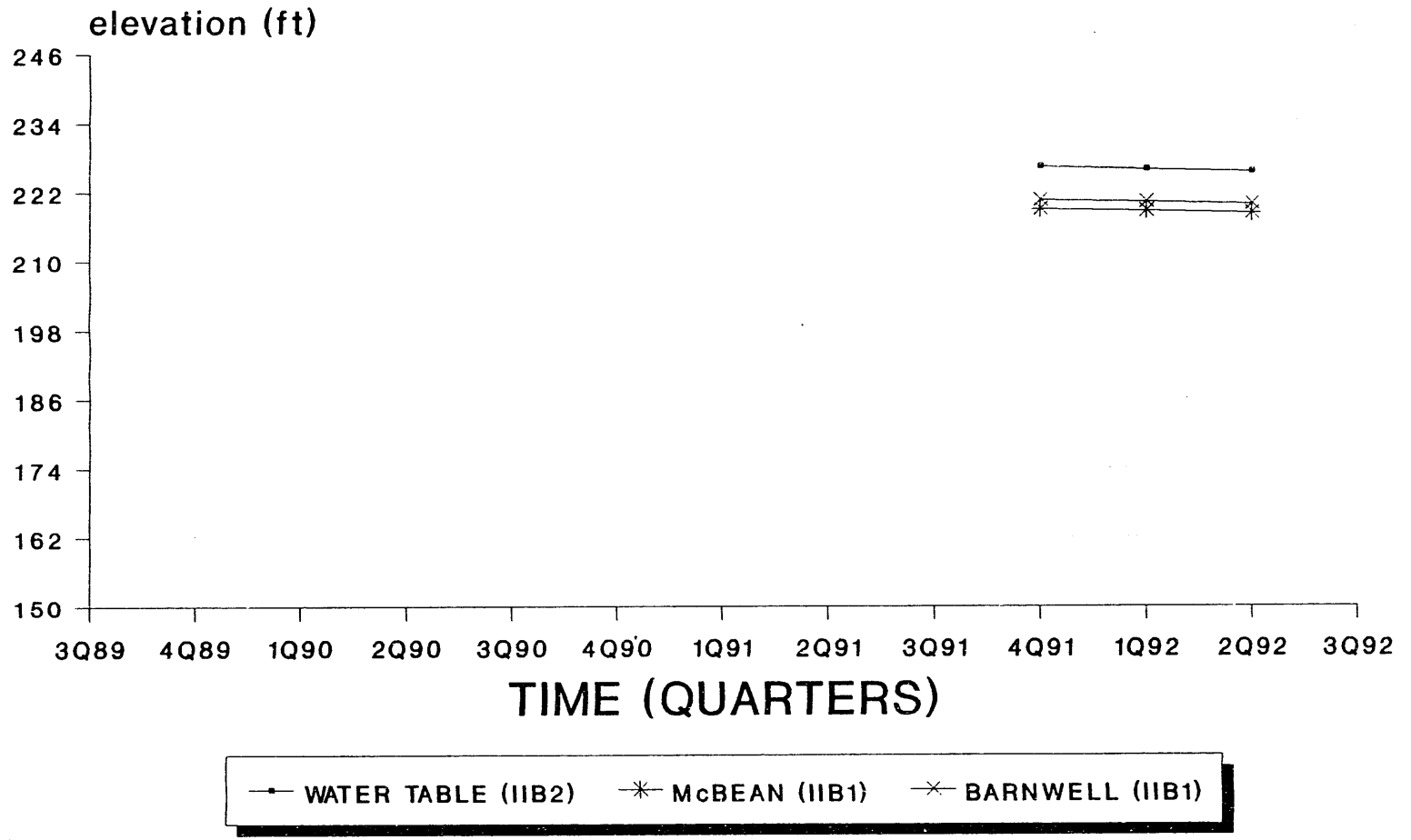
Water Elevations



empty space denotes no data or dry well

CLUSTER - BGO 46

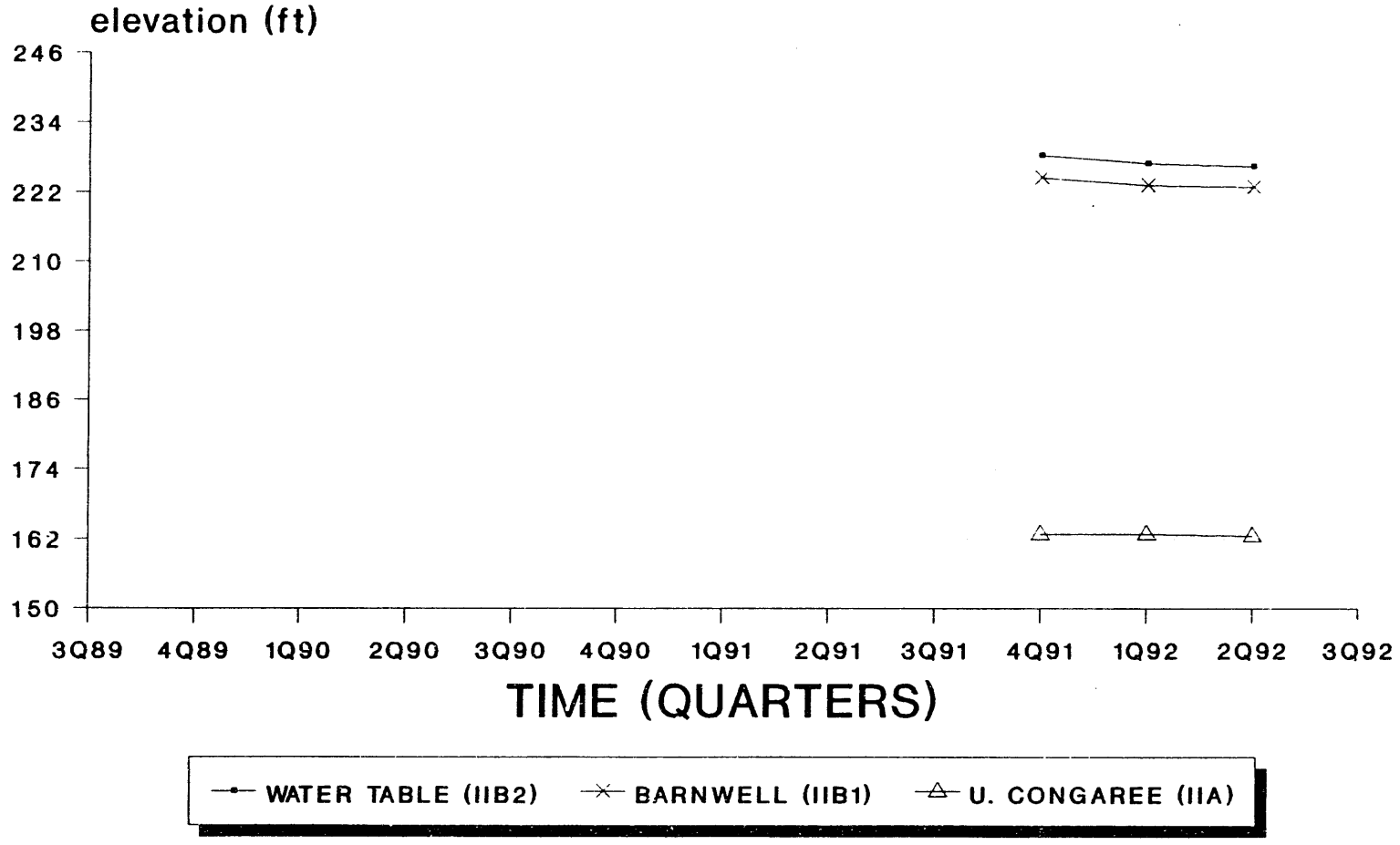
Water Elevations



empty space denotes no data or dry well

CLUSTER - BGO 47

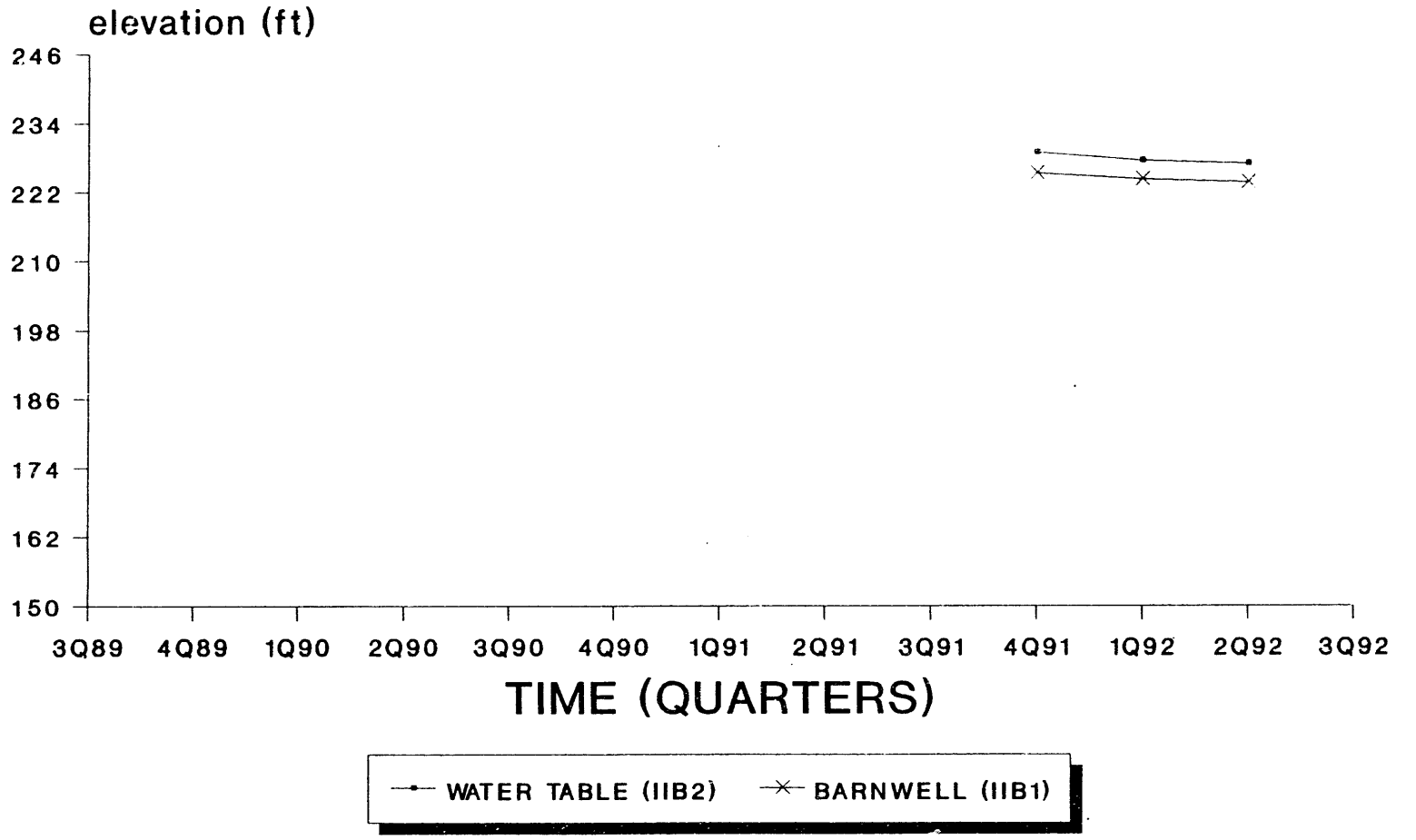
Water Elevations



empty space denotes no data or dry well

CLUSTER - BGO 48

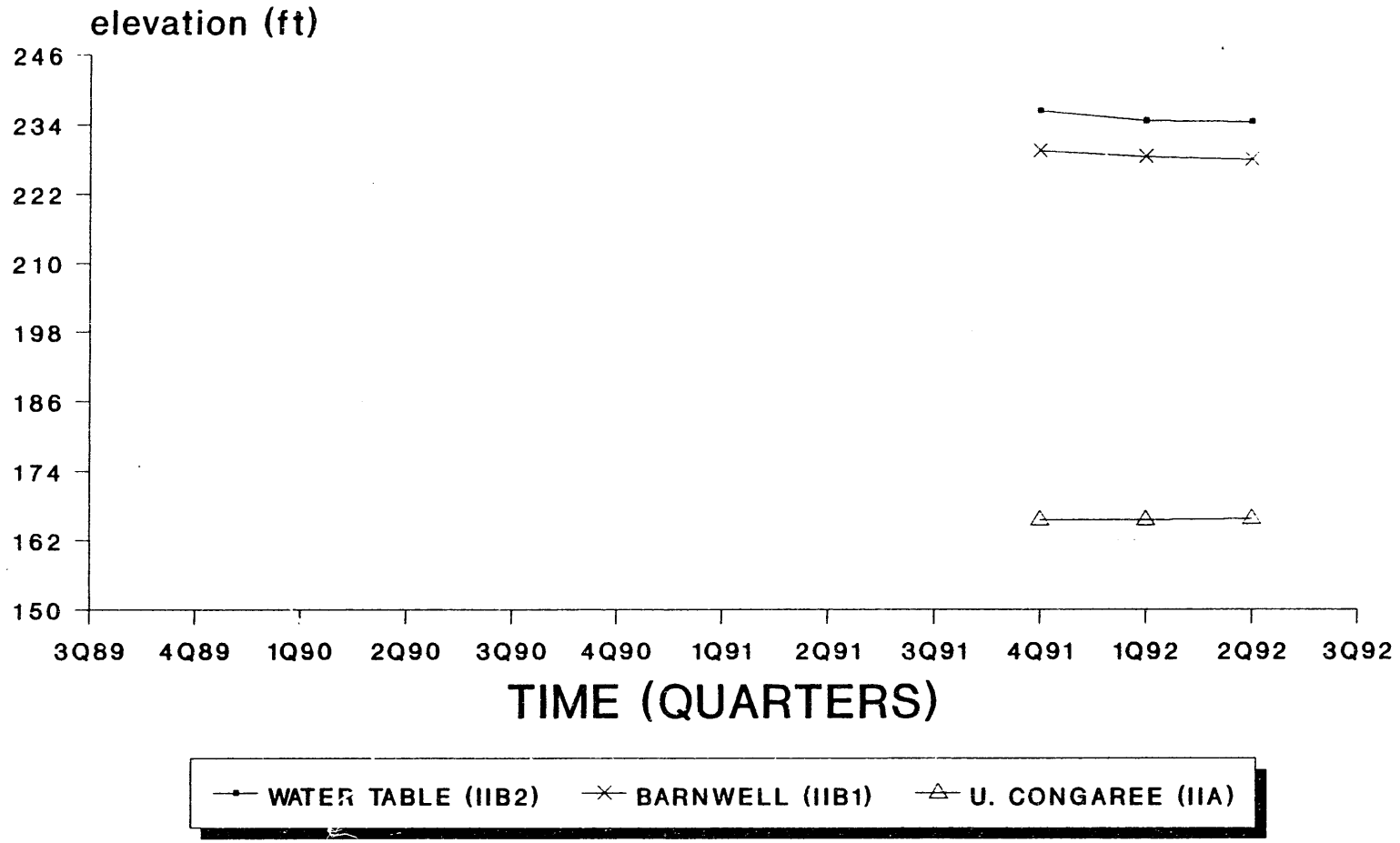
Water Elevations



empty space denotes no data or dry well

CLUSTER - BGO 49

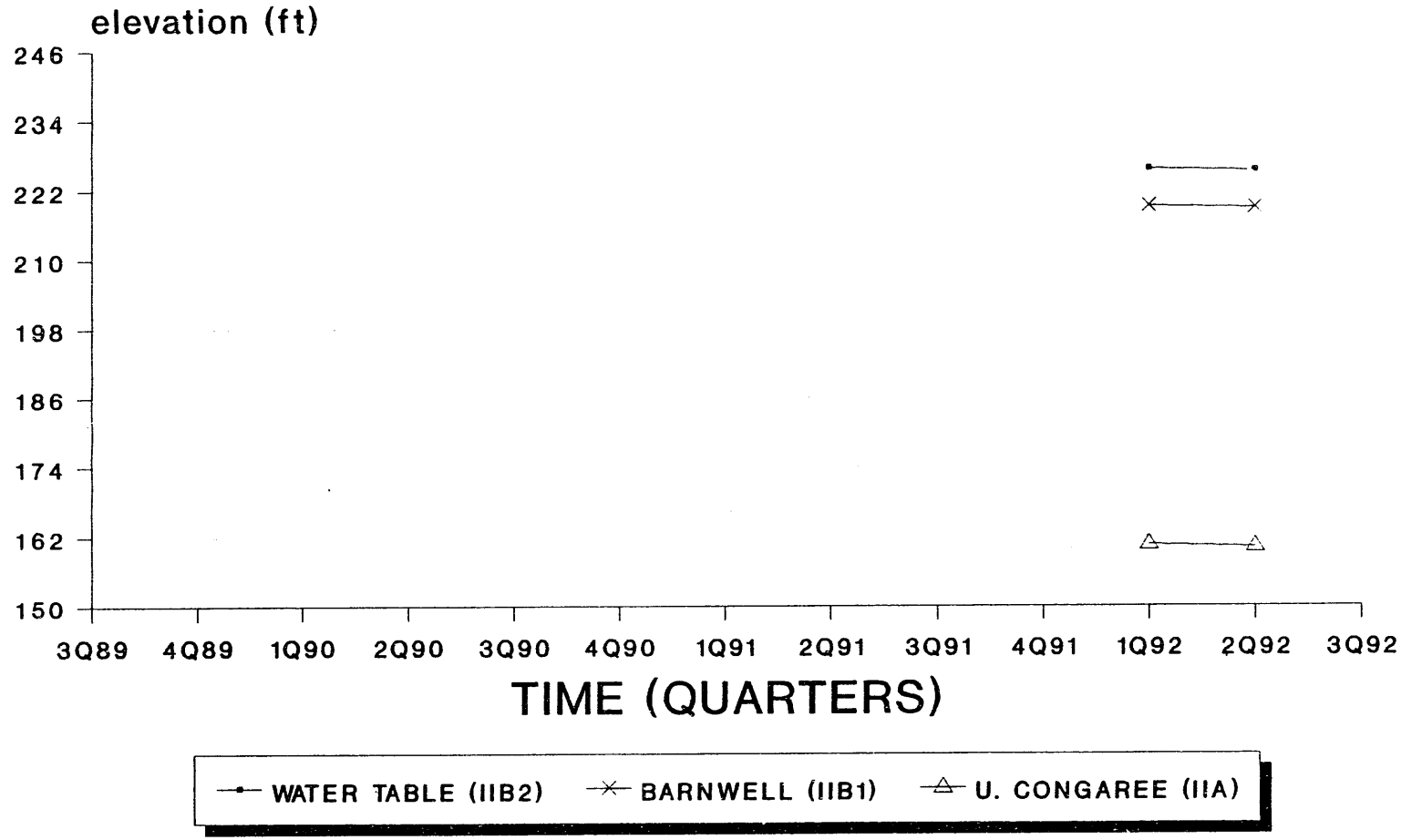
Water Elevations



empty space denotes no data or dry well

CLUSTER - BGO 50

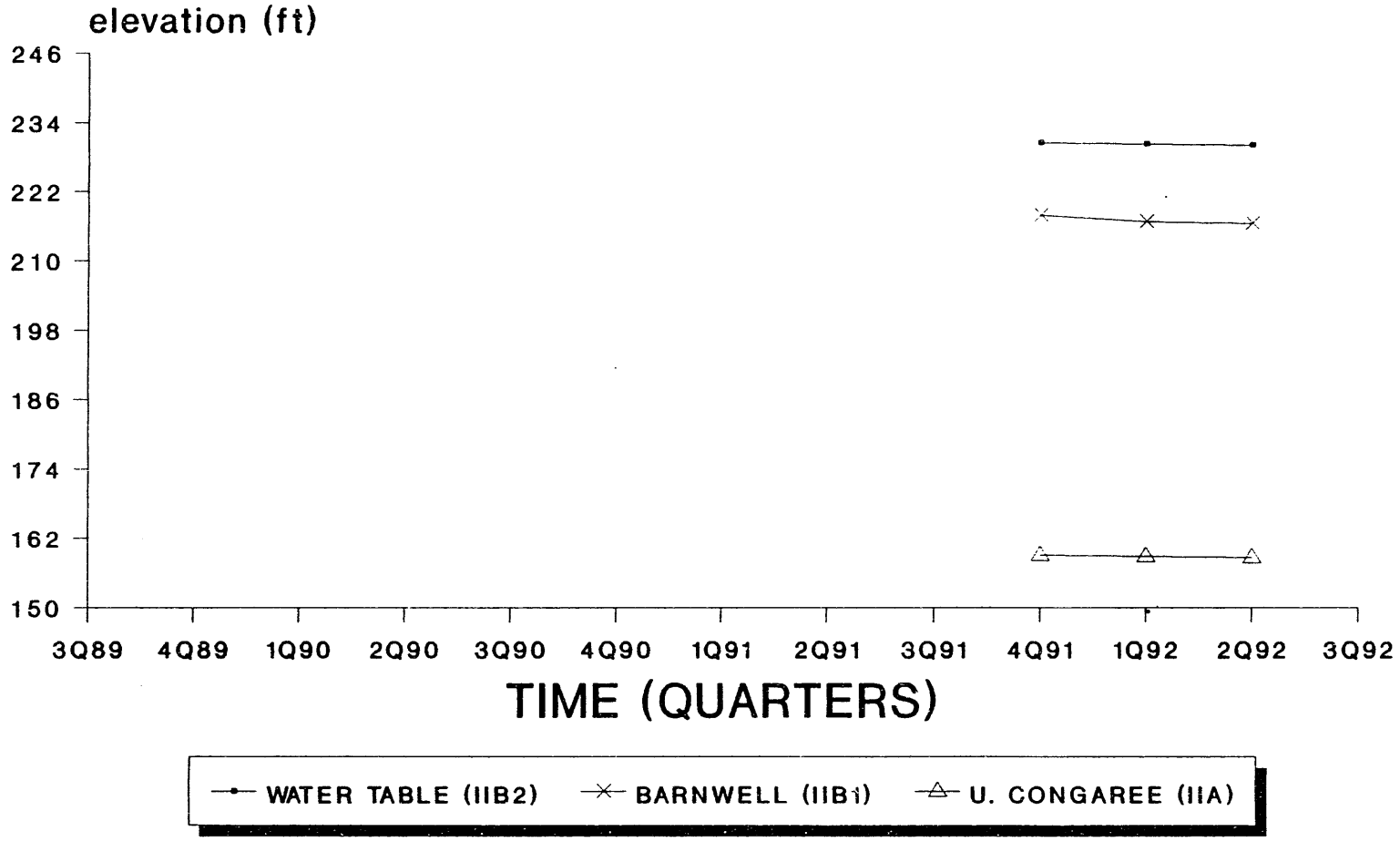
Water Elevations



empty space denotes no data or dry well

CLUSTER - BGX 1

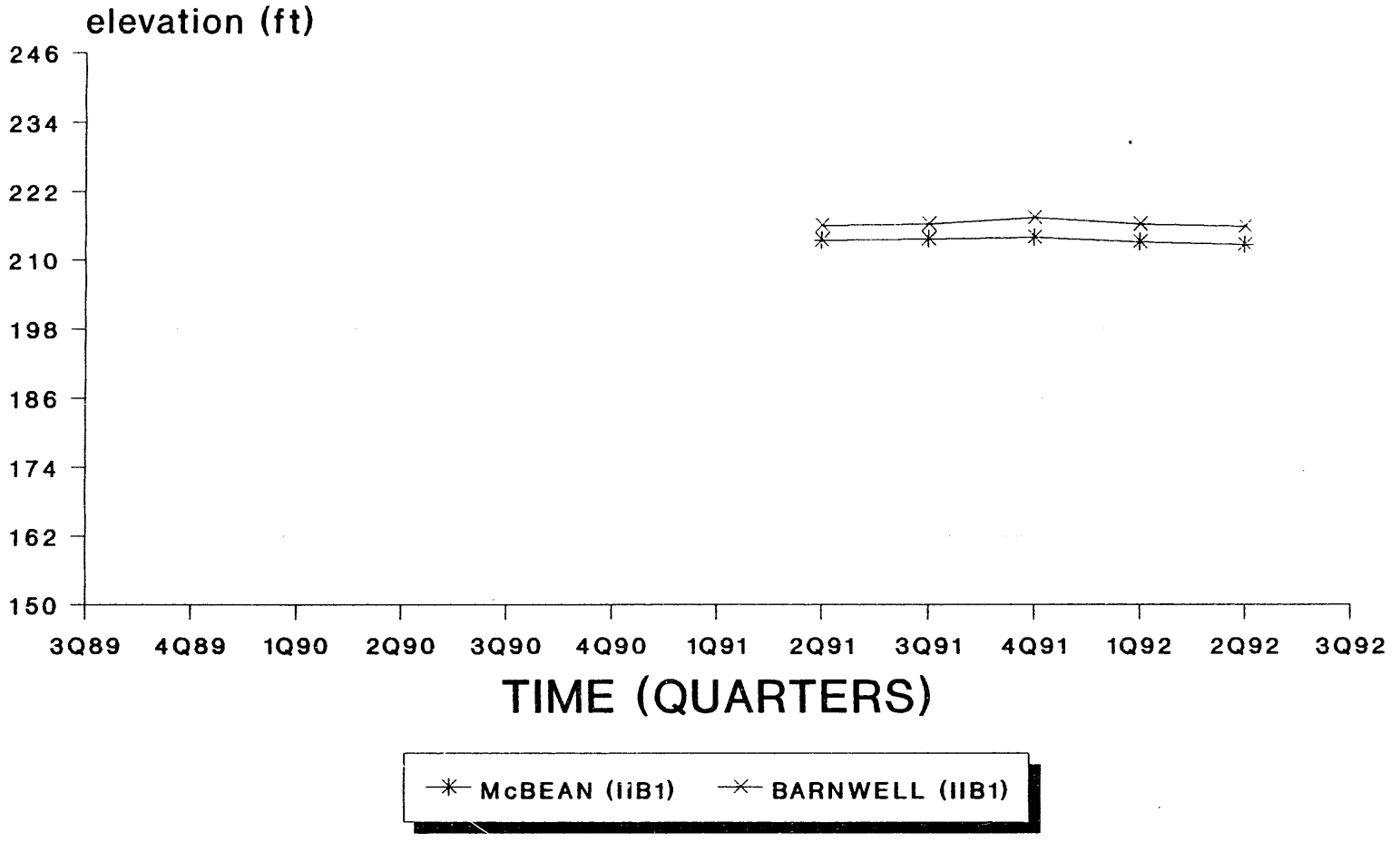
Water Elevations



empty space denotes no data or dry well

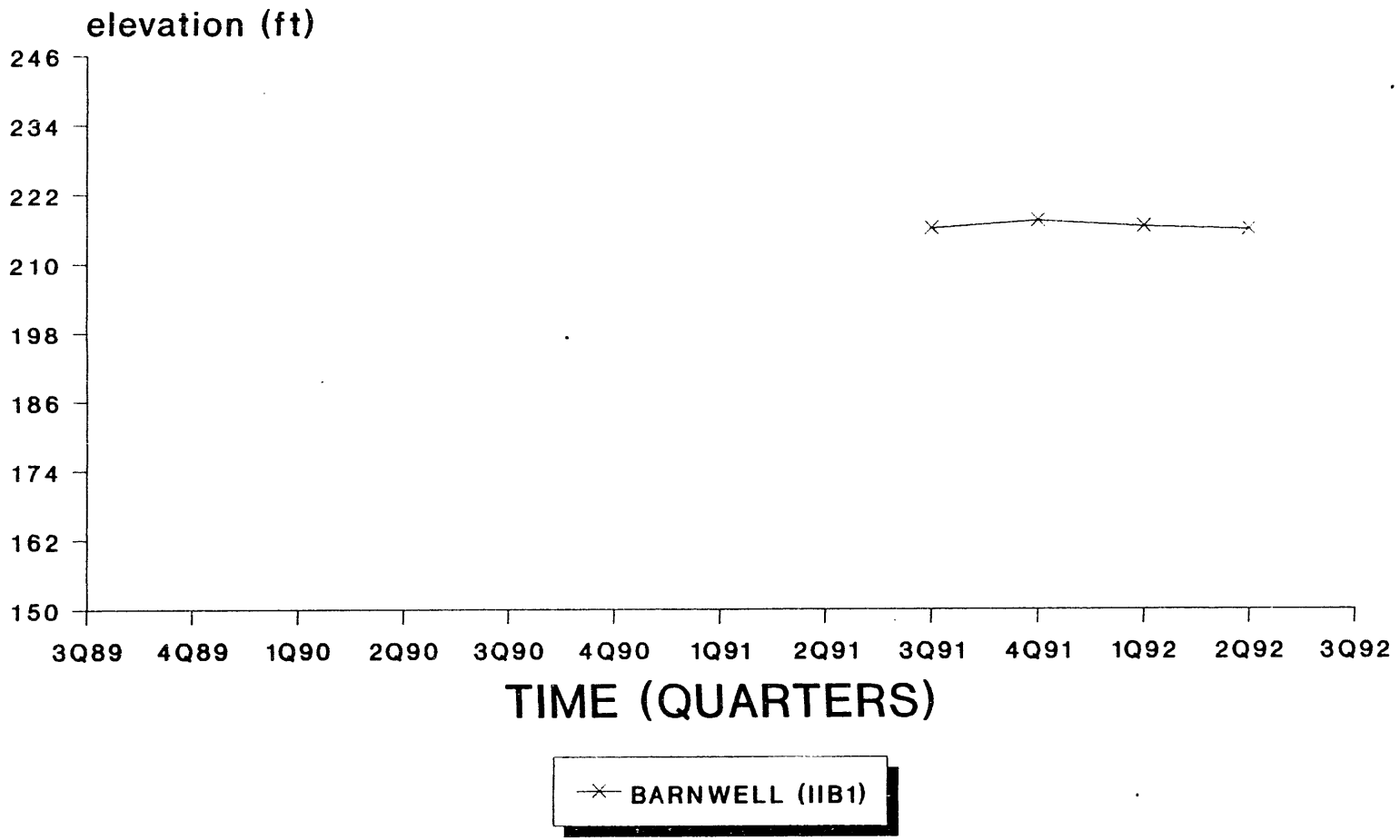
CLUSTER - BGX 2

Water Elevations



empty space denotes no data or dry well

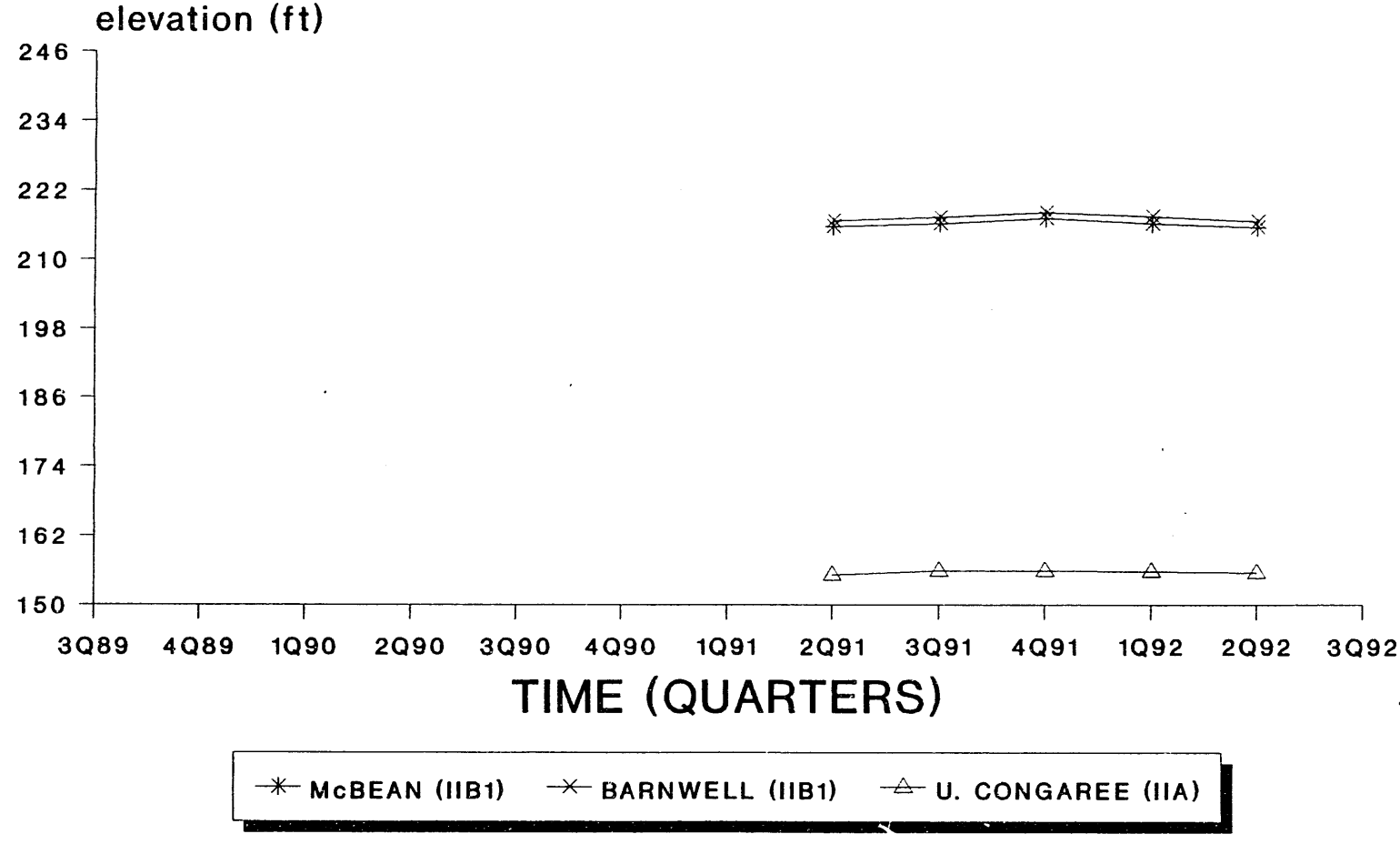
BGX 3D
Water Elevations



empty space denotes no data or dry well

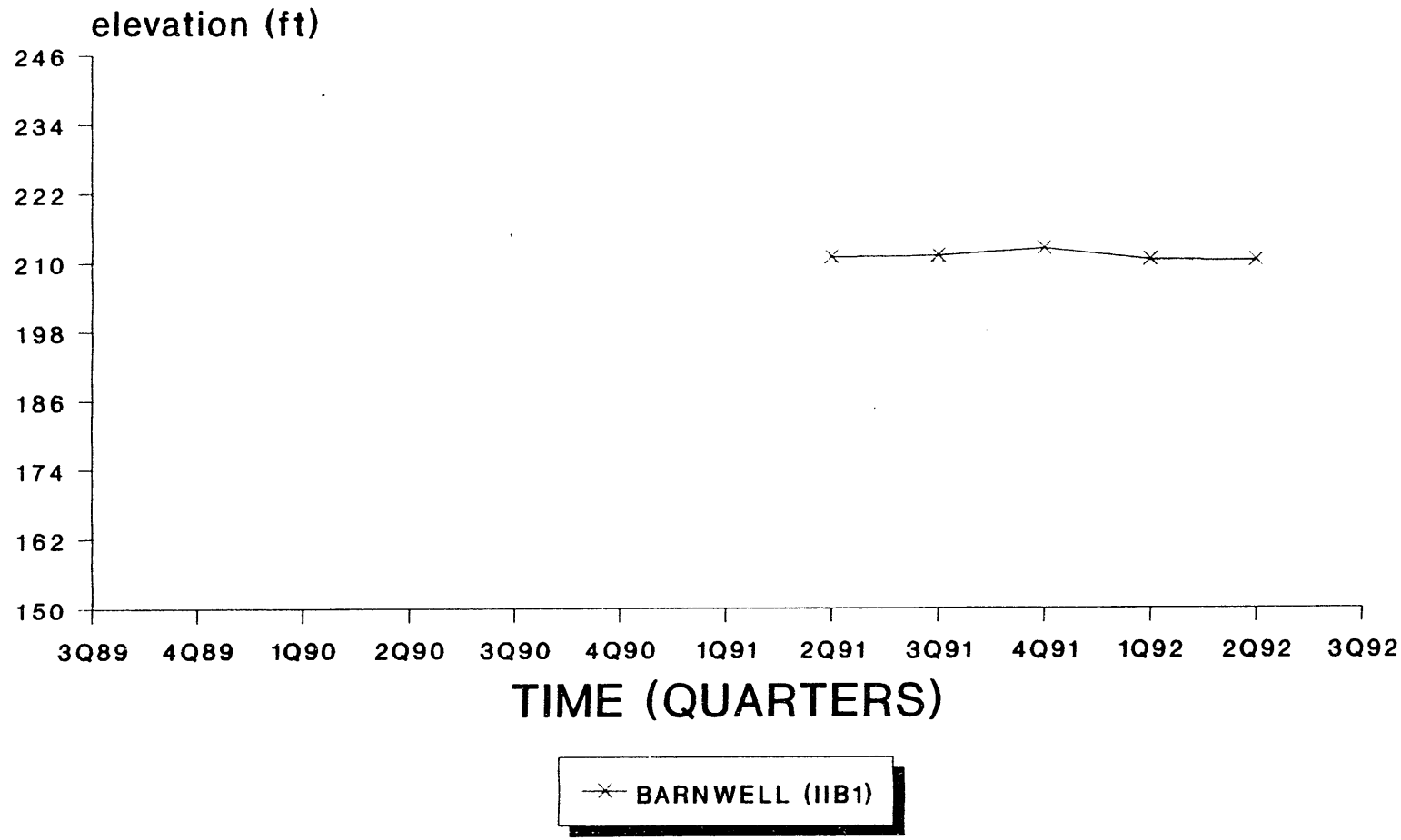
CLUSTER - BGX 4

Water Elevations



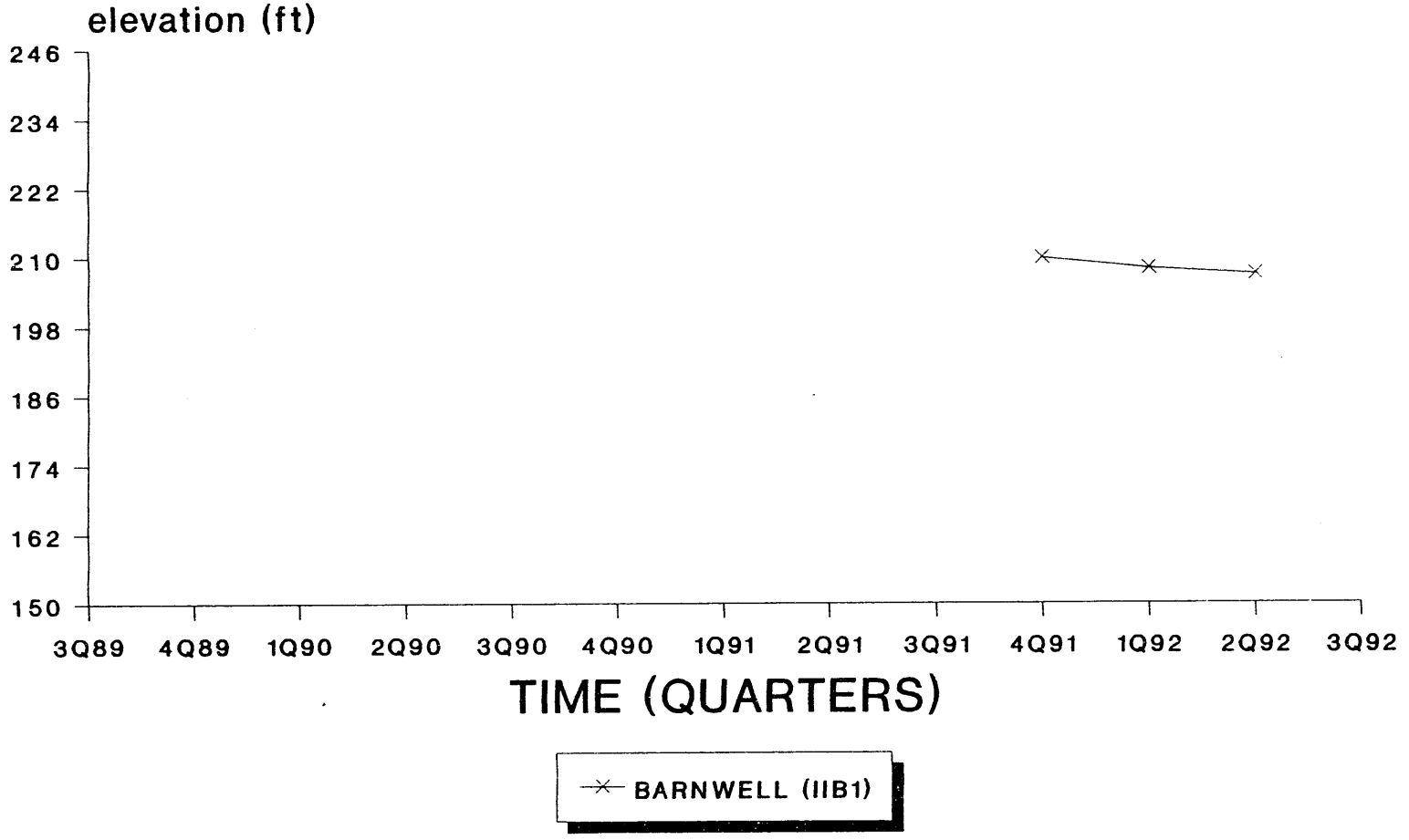
empty space denotes no data or dry well

BGX 5D
Water Elevations



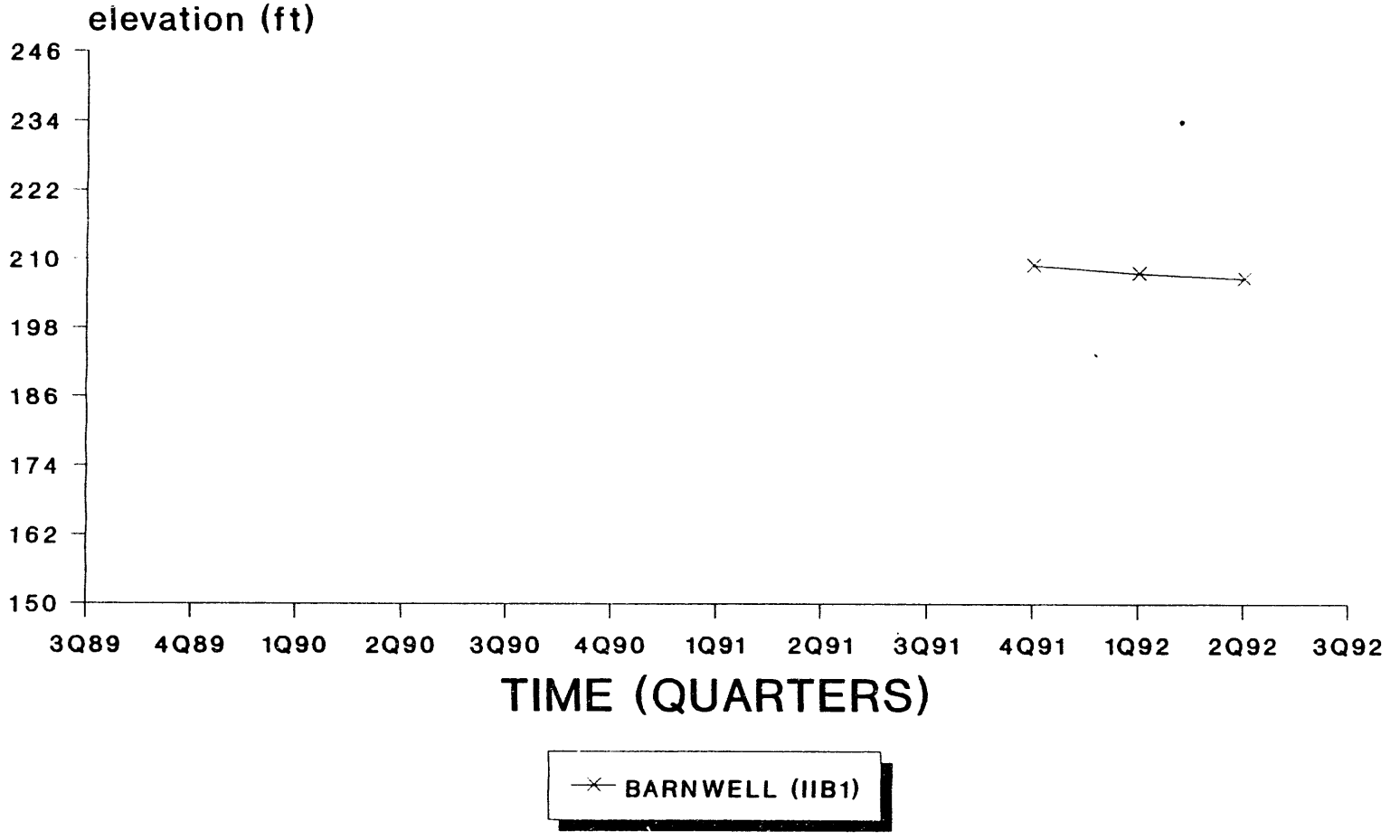
empty space denotes no data or dry well

BGX 6D
Water Elevations



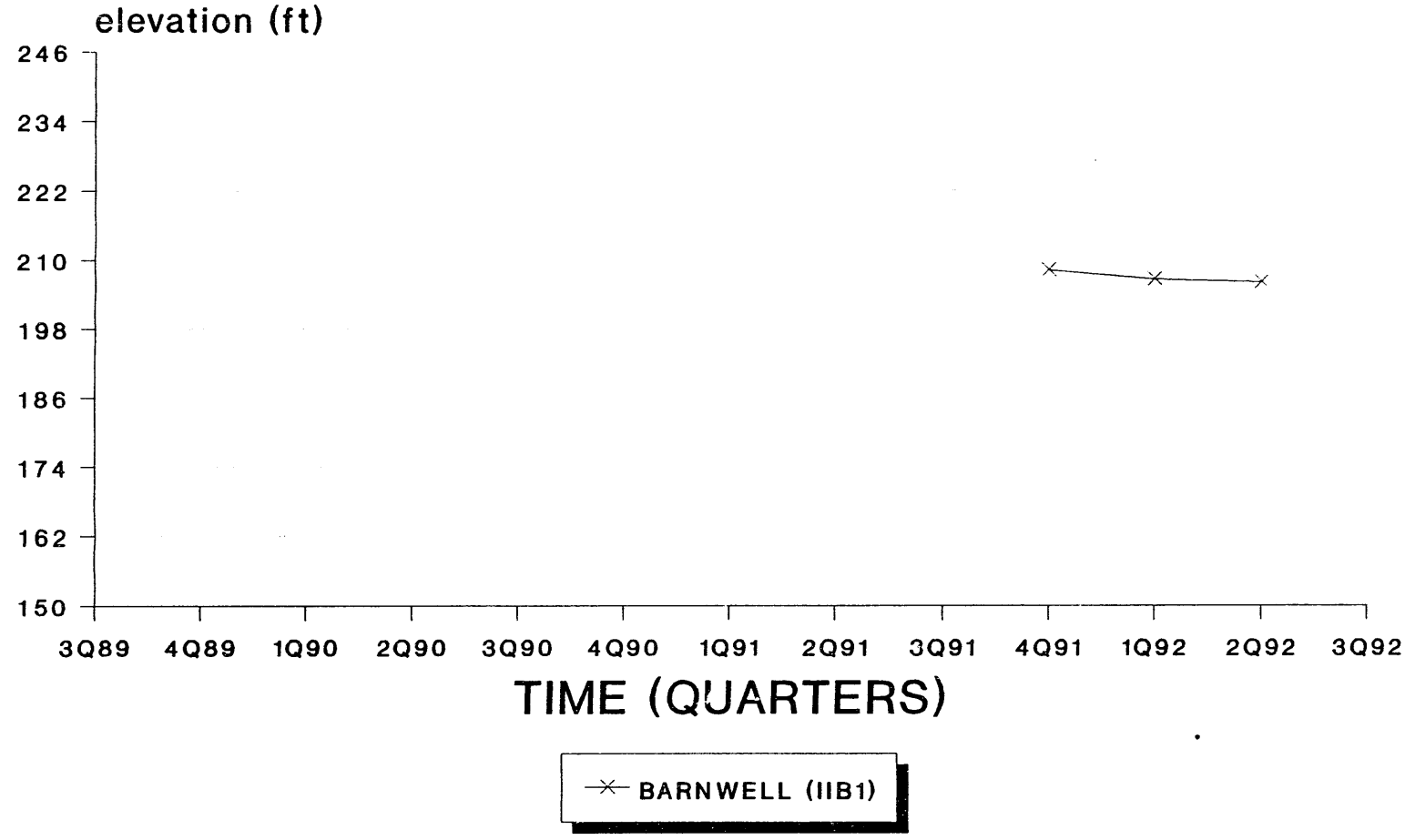
empty space denotes no data or dry well

BGX 7D
Water Elevations



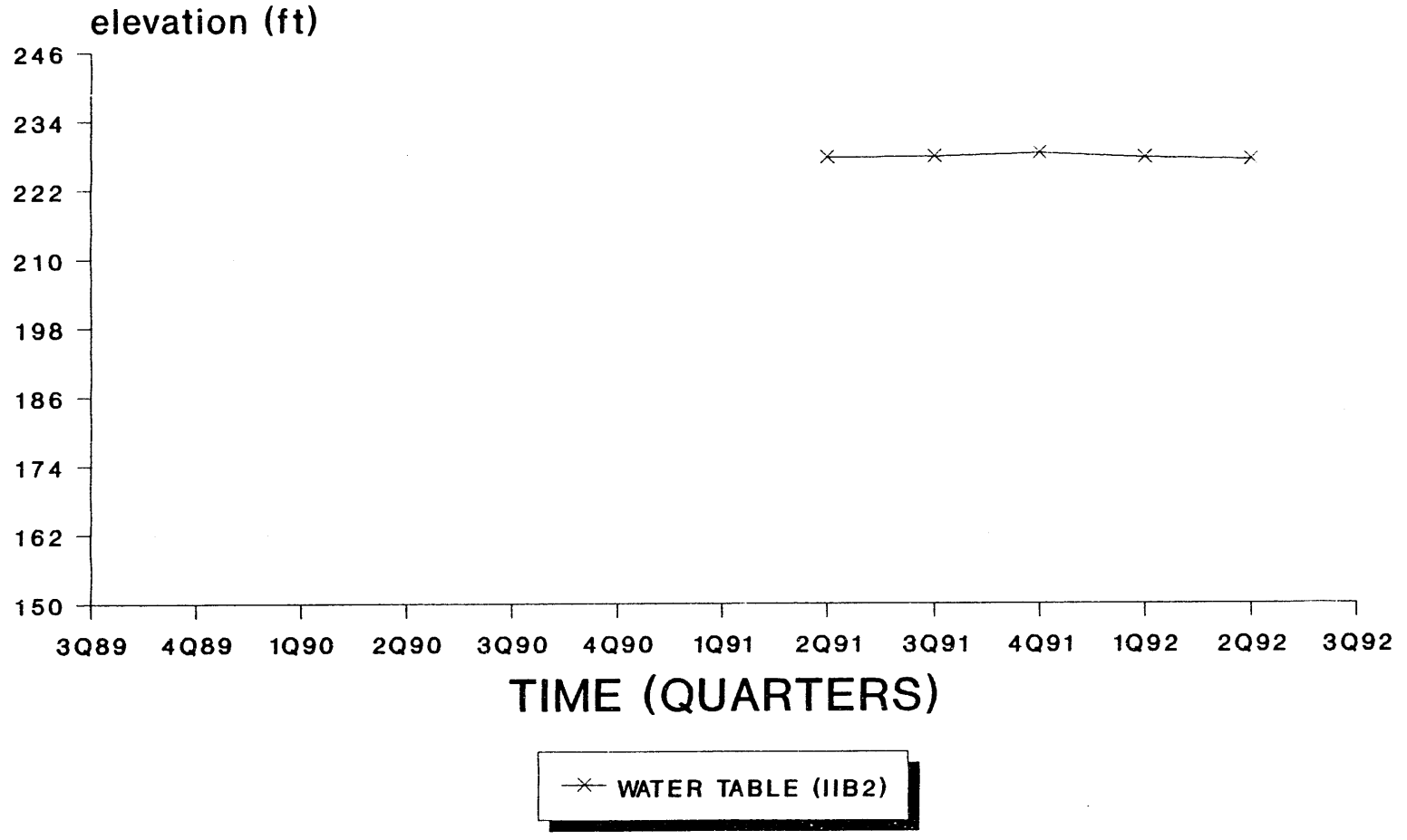
empty space denotes no data or dry well

BGX 8DR
Water Elevations



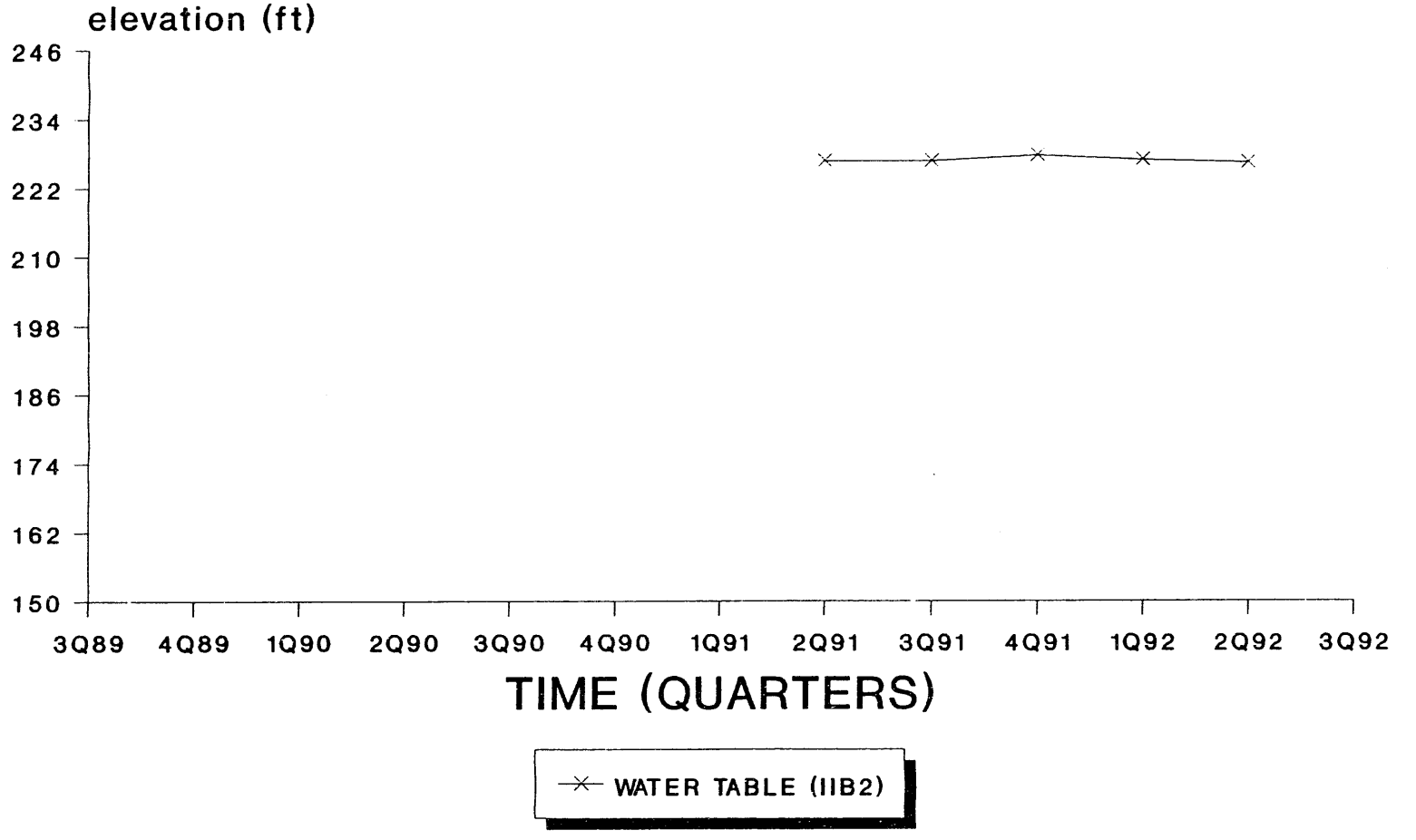
empty space denotes no data or dry well

BGX 9D
Water Elevations



empty space denotes no data or dry well

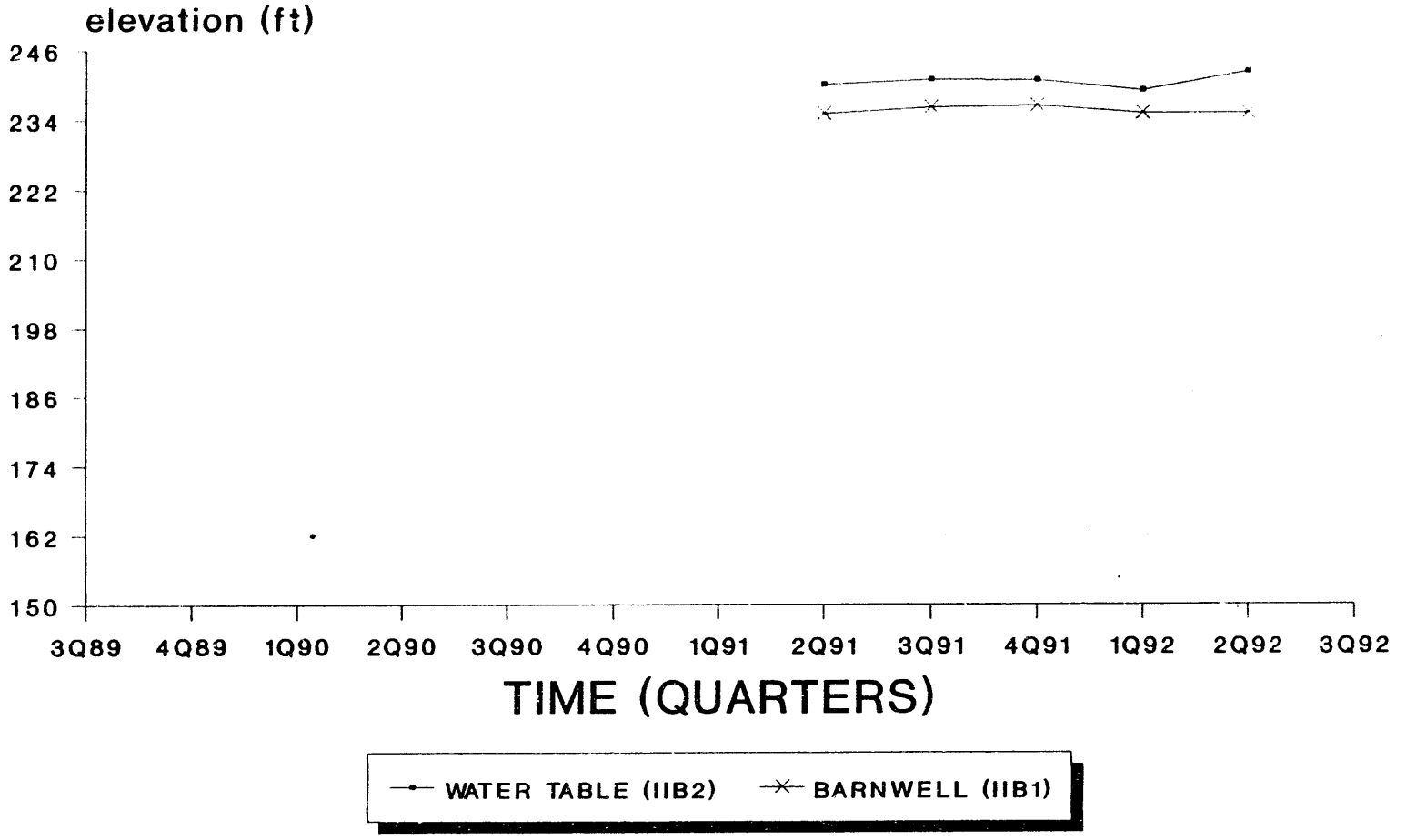
BGX 10D
Water Elevations



empty space denotes no data or dry well

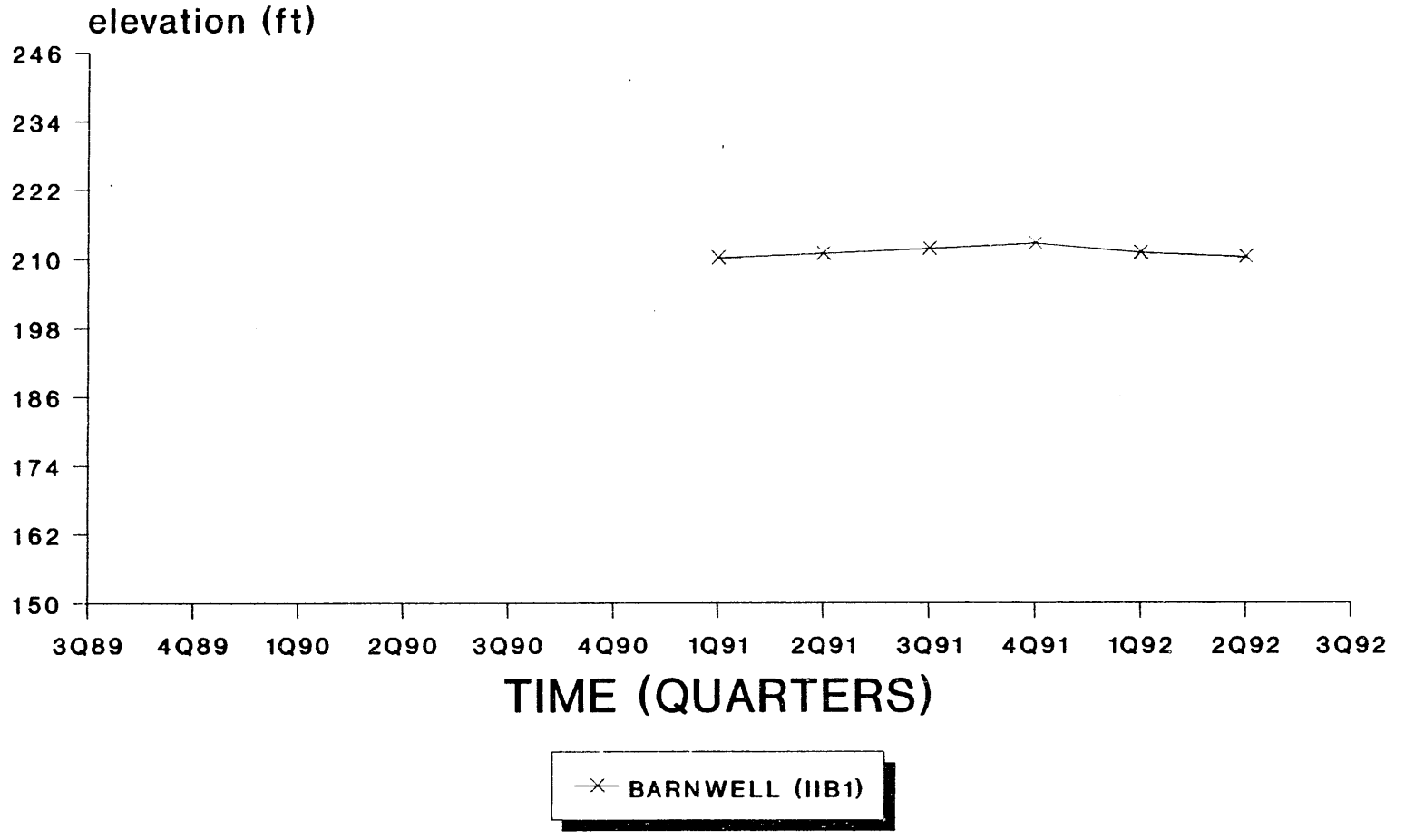
CLUSTER - BGX 12

Water Elevations



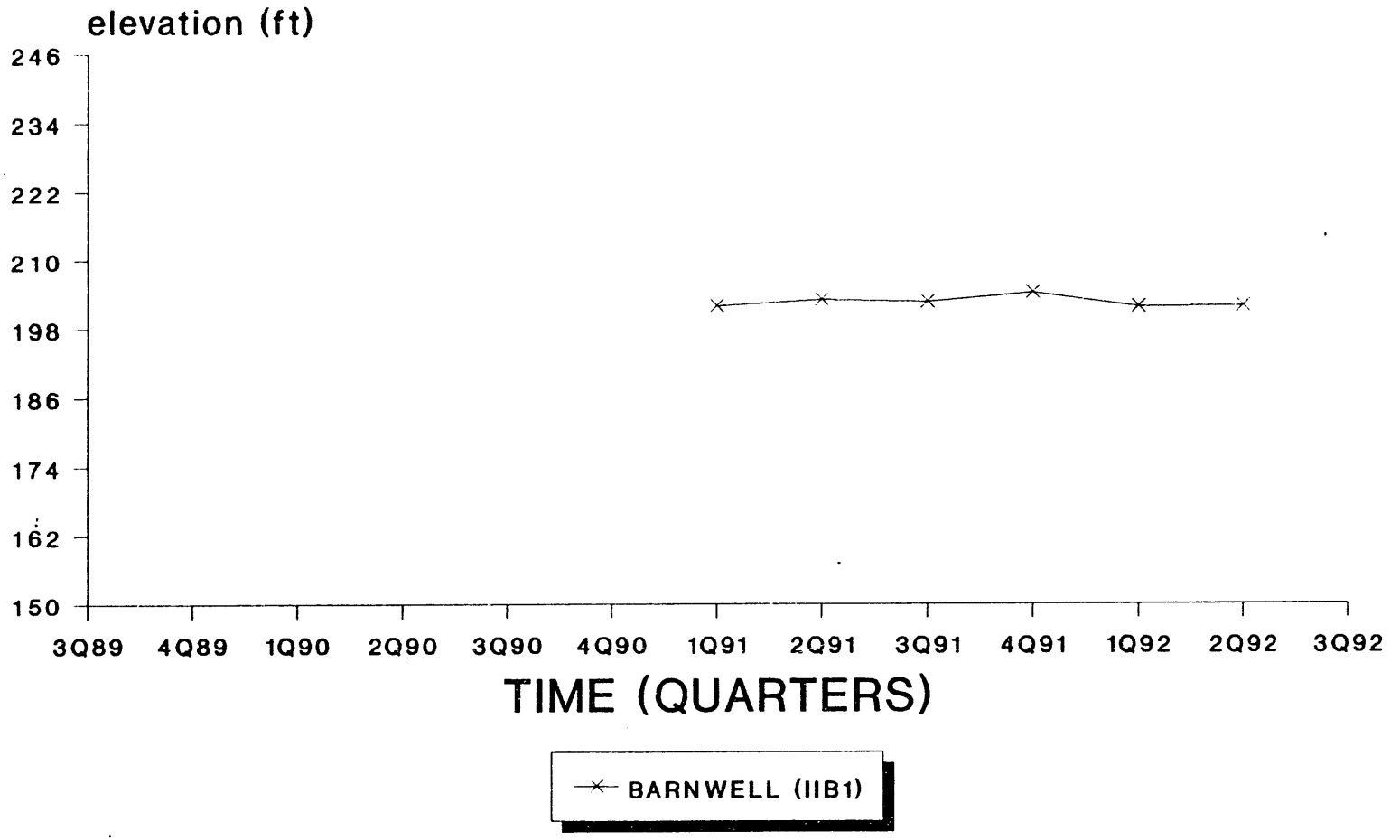
empty space denotes no data or dry well

HMD 1D
Water Elevations



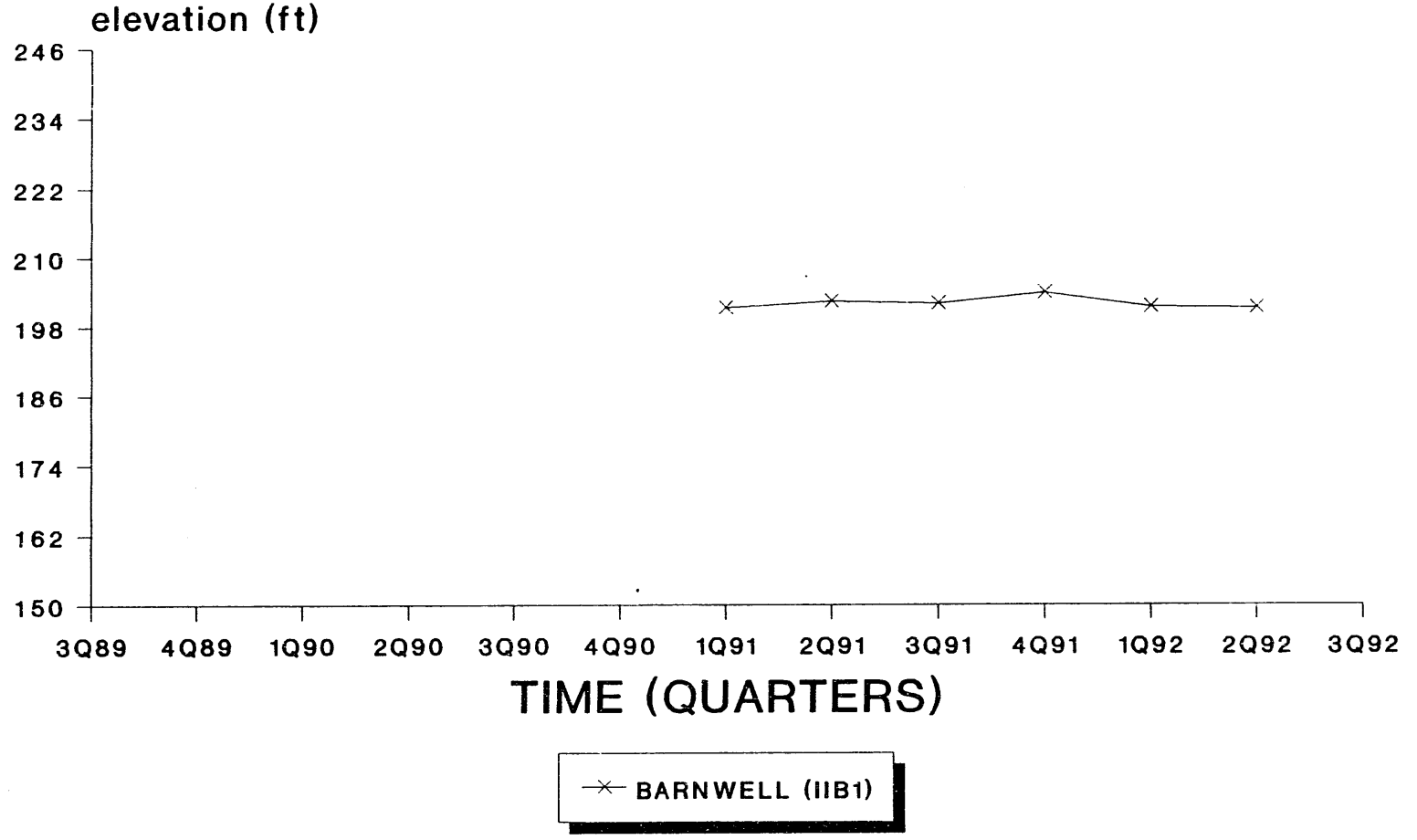
empty space denotes no data or dry well

HMD 2D
Water Elevations



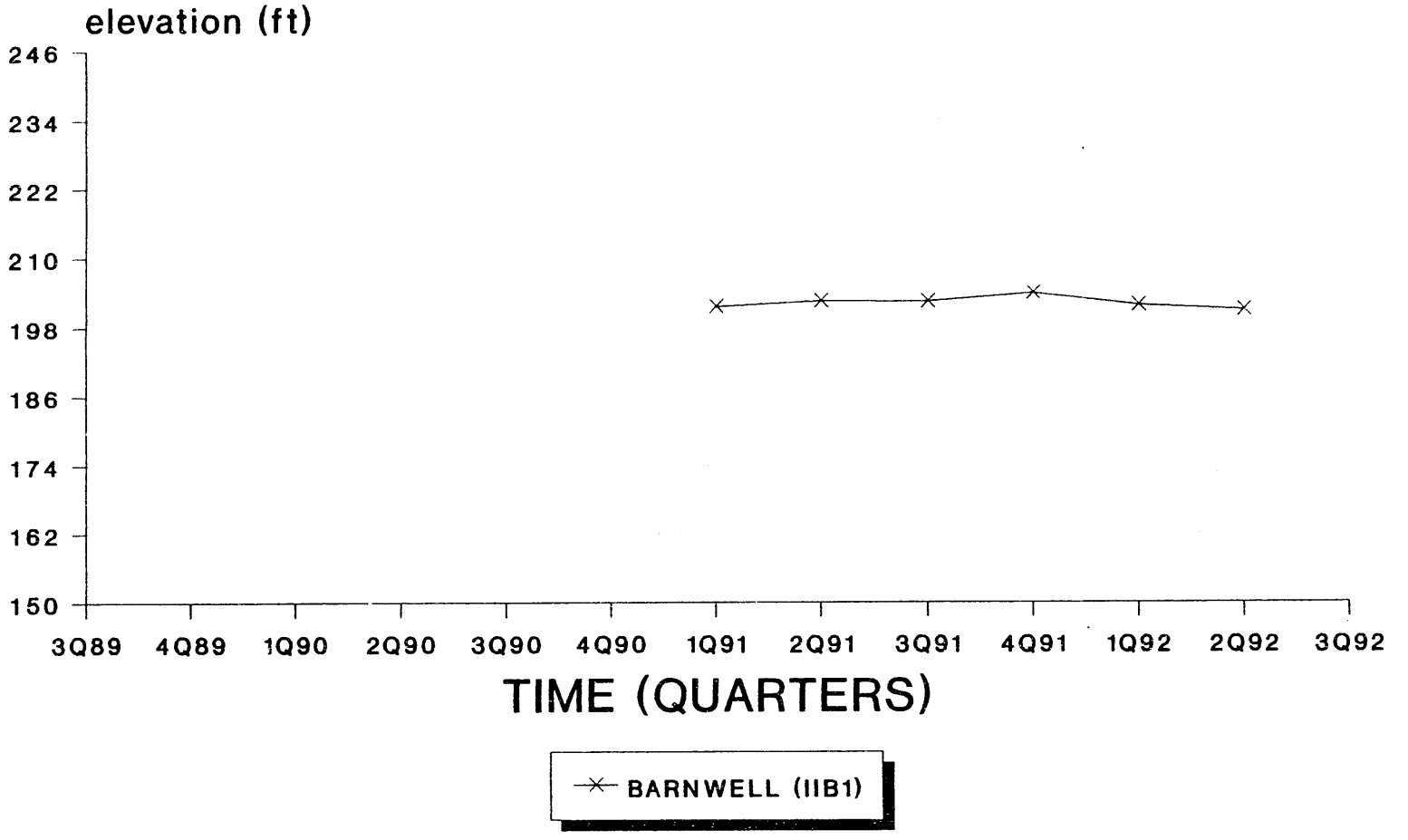
empty space denotes no data or dry well

HMD 3D
Water Elevations



empty space denotes no data or dry well

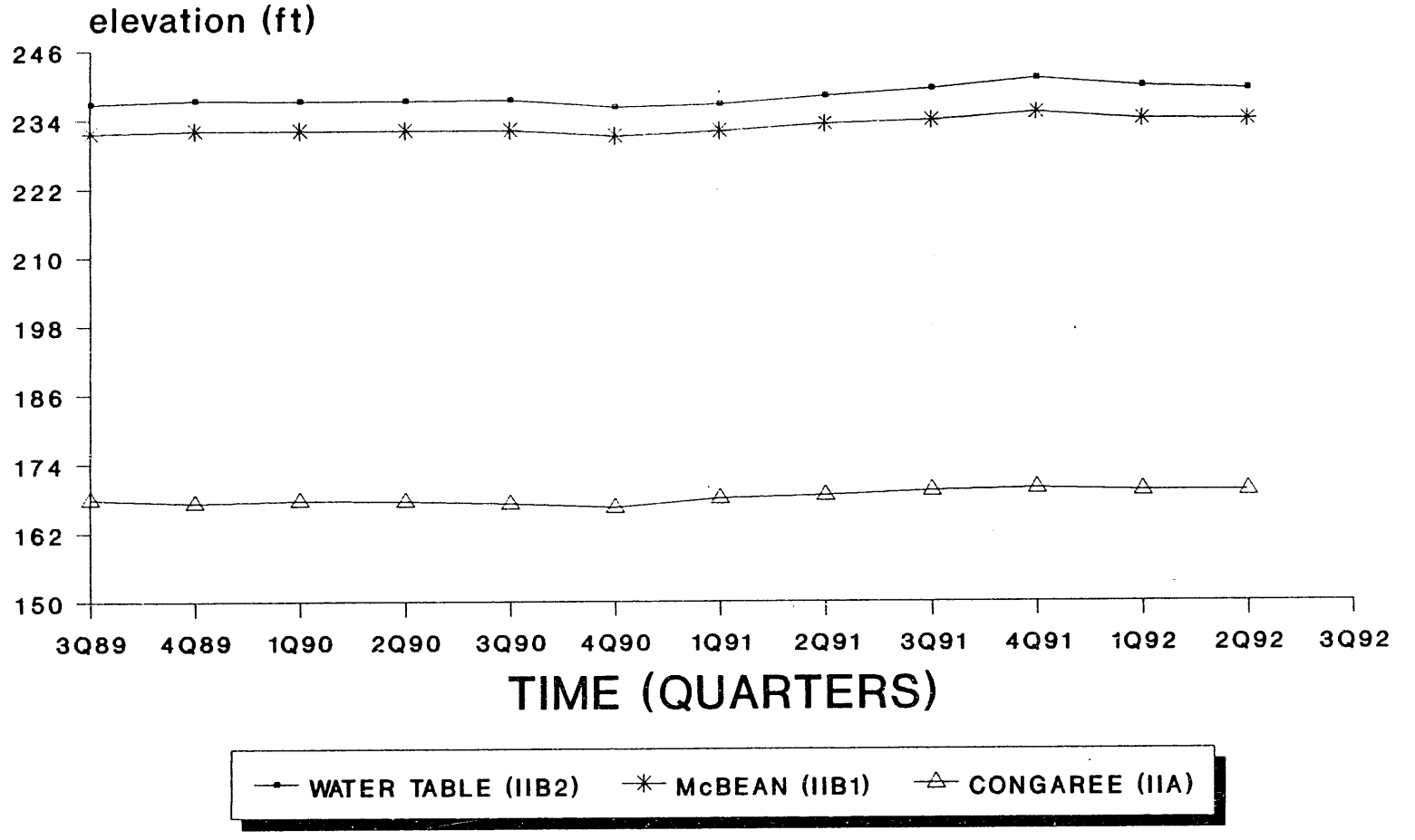
HMD 4D
Water Elevations



empty space denotes no data or dry well

CLUSTER - HSB 85

Water Elevations



empty space denotes no data or dry well

DATE
FILMED
2/19/93