MIXED WASTE MANAGEMENT FACILITY GROUNDWATER MONITORING REPORT (U)

FOURTH QUARTER 1995 AND 1995 SUMMARY

Publication Date: March 1996

Authorized Derivative Classifier
and Reviewing Official:

UNCLASSIFIED
Does Not Contain Unclassified
Controlled Nuclear Information

Westinghouse Savannah River Company
Savannah River Site
Aiken, SC 29808

MASTER

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

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Key Words

BGO wells
Burial Ground Complex
tetrachloroethylene
trichloroethylene
tritium

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Abstract

During fourth quarter 1995, seven constituents exceeded final Primary Drinking Water Standards (PDWS) in groundwater samples from downgradient monitoring wells at the Mixed Waste Management Facility. No constituents exceeded final PDWS in samples from the upgradient monitoring wells.

As in previous quarters, tritium and trichloroethylene were the most widespread elevated constituents. Chloroethene, gross alpha, lead, mercury, and tetrachloroethylene also exceeded final PDWS in one or more wells. Elevated constituents were found in numerous Aquifer Zone IIB_2 (Water Table) and Aquifer Zone IIB_1 (Barnwell/McBean) wells and in three Aquifer Unit IIA (Congaree) wells.

The groundwater flow directions and rates in the three hydrostratigraphic units were similar to those of previous quarters.

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Executive Summary

Currently, 148 wells monitor groundwater quality in the uppermost aquifer beneath the Mixed Waste Management Facility (MWMF) at the Savannah River Site as required by the South Carolina Hazardous Waste Management Regulations and settlement agreements 87-52-SW and 91-51-SW. Samples from the wells are analyzed for selected heavy metals, indicator parameters, radionuclides, volatile organic compounds, and other constituents.

Nine new BGO wells were sampled during first quarter 1995 for the first time; 13 new wells were sampled for the first time during fourth quarter 1995. New well BGO 52B could not be sampled during fourth quarter because its pump would not start.

During fourth quarter 1995, approximately 54 percent of the downgradient wells at the MWMF contained one or more constituents that exceeded final Primary Drinking Water Standards (PDWS). These elevated constituents included chloroethene, gross alpha, lead, mercury, tetrachloroethylene, trichloroethylene, and tritium. Consistent with historical trends, elevated constituent levels were found primarily in Aquifer Zone IIB_2 (Water Table) and Aquifer Zone IIB_1 (Barnwell/McBean). Three wells in Aquifer Unit IIA (Congaree) contained elevated constituents.

As in previous quarters, tritium and trichloroethylene were the most widespread elevated constituents during fourth quarter 1995. Seventy-two (49%) of the 148 monitoring wells contained elevated tritium activities. Trichloroethylene concentrations exceeded the final PDWS in 25 (17%) of the wells. Chloroethene, lead, mercury, and tetrachloroethylene, elevated in one or more wells during first quarter 1995, also occurred in elevated levels during fourth quarter 1995. These constituents generally were elevated in the same wells during both quarters. Antimony, copper, dichloromethane, and nonvolatile beta, which were each elevated in one to four wells during first quarter 1995, were not elevated in any wells during fourth quarter 1995.

Groundwater flow directions and rates in Aquifer Zone IIB_2 (Water Table), Aquifer Zone IIB_1 (Barnwell/McBean), and Aquifer Unit IIA (Congaree) were generally similar to those of previous quarters.

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Introduction

Description of Facilities

The Mixed Waste Management Facility (MWMF) is part of the Burial Ground Complex, which also includes the Old Burial Ground, the Low-Level Radioactive Waste Disposal Facility (LLRWDF), the E-Area Vaults, and the proposed Hazardous Waste/Mixed Waste Disposal Vaults (HWMWDV). The Burial Ground Complex is located in the central part of the Savannah River Site (SRS) (Figures 1 and 2, Appendix C) within the General Separations Area. The following description outlines important events in the history of the MWMF:

- In 1972, the MWMF began receiving various radioactive and nonradioactive wastes (Heffner and Exploration Resources, 1991).
- A closure plan for the MWMF was filed November 23, 1985, with the South Carolina Department of Health and Environmental Control (SCDHEC) (Jaegge et al., 1987). The closure plan included placing a low permeability cap and final vegetative cover over the facility.
- The MWMF became inactive in 1986 (WSRC, 1993b).
- A consent decree between the U.S. Department of Energy and the Natural Resources Defense Council et al. (Civil Action 1:85-2583-6, U.S. District Court, District of South Carolina, Aiken Division), signed May 26, 1988, and effective June 1, 1988, identified the MWMF as subject to the requirements of Subtitle C of the Resource Conservation and Recovery Act (RCRA).
- SCDHEC approved an interim status closure plan for the MWMF in December 1990 and accepted the closure certification in April 1991 in accordance with South Carolina Hazardous Waste Management Regulations (SCHWMR), Subpart G (SCDHEC, 1993).
- A RCRA Part B post-closure care permit application renewal was submitted to SCDHEC in November 1992 (WSRC, 1992a). This permit application included the 58-acre MWMF and the 13-acre Solvent Rag Portions of the LLRWDF as agreed upon by SRS and SCDHEC in settlement agreements 87-52-SW (May 10, 1991) and 91-51-SW (August 26, 1991).
- A closure plan for the Solvent Rag Portions was submitted to SCDHEC in August 1993 (WSRC, 1993b).
- A revised RCRA Part B post-closure care permit application renewal, containing a groundwater corrective-action plan, was submitted to SCDHEC on November 30, 1993 (WSRC, 1993c).
- Beginning first quarter 1994, wells FSS 1D, 2D, 3D, and 4D, located at the F-Area Sewage Sludge Application Site, were added to the MWMF monitoring well network. As a conditional requirement for the closure of the F-Area Sewage Sludge Application Site, the FSS monitoring wells are monitored for radionuclides related to the Burial Ground Complex.

- Revision 1 of the field investigation plan for the Burial Ground Complex (WSRC, 1993a), submitted to SCDHEC in September 1993, was approved in full on October 6, 1994. The field investigation plan addresses data uncertainties that were identified during the preparation of the MWMF RCRA Part B post-closure care permit application renewal.

- Phase 1 of the field investigation plan field work was divided into the following subphases: 1A–installation of 12 groundwater monitoring wells, 1B–exploratory work in the southwest corner of the Burial Ground Complex using direct-push technology and exploratory borings, 1C–exploratory work in the northeast corner of the Burial Ground Complex using direct-push technology and exploratory borings, and 1D–soil gas survey. Subphases 1B and 1C determined the horizontal and vertical extent of groundwater contamination away from the Burial Ground Complex. All activities of Phase 1 have been completed.

- In January 1995, a field investigation preliminary data report (WSRC, 1995) was submitted to provide the data obtained during Phases 1A, 1B, and 1D. Phase 1C data were not completed by submittal time; therefore, it was not included in the report.

- Phase 2 of the field investigation plan field work was divided into the following subphases: 2A–installation of 11 groundwater monitoring wells, 2B–soil sampling in and around the Burial Ground Complex to determine the source of contamination and background soil sampling, which will be used to establish "trigger levels" of potential contamination at the Burial Ground Complex, 2C–exploratory work around the Burial Ground Complex using direct-push technology (cone penetrometer and hydropunch) and exploratory borings, 2D–vadose sampling in and around the Burial Ground Complex to determine hydraulic conductivity of the vadose zone, and 2E–Fourmile Branch ecological sampling. The groundwater wells of subphase 2A have been installed. The first part of subphase 2B (background soil sampling) and the cone penetrometer logging and water sampling have been completed. Due to budgetary cutbacks, the remaining field work associated with Phases 2B, 2C, 2D, and 2E has been postponed until 1996.

- Quarterly groundwater monitoring at the Burial Ground Complex has been discontinued. In 1996, an established monitoring program will be identified and the groundwater monitoring report will become an annual publication.

Hydrostratigraphic Units

Historically, groundwater quality assessment reports for the MWMF have used the lithostratigraphic nomenclature *Water Table*, *Barnwell*, *McBean*, and *Congaree* to identify hydrologic units. However, an interim alphanumeric system developed by Aadland and Bledsoe (1990) (Figure 3, Appendix C) defines the aquifer and aquitard units at SRS using hydrostratigraphic designations. Figure 4 (Appendix C) shows a correlation of these designations. This report uses both nomenclatures. The November 1992 MWMF RCRA Part B post-closure care permit application renewal includes an in-depth explanation of this nomenclature and a detailed description of the geologic and hydrogeologic systems at the Burial Ground Complex (WSRC, 1992a).

The MWMF well network monitors three distinct hydrostratigraphic units in the uppermost aquifer beneath the facility: Aquifer Zone IIB_2 (Water Table), which is underlain 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 boundary between the uppermost aquifer and the principal confining unit is the uppermost confining bed of Confining System I–II (Ellenton Formation), which lies approximately 300 ft below the surface of the Burial Ground Complex.

Discussion

Groundwater Monitoring Data

The sampling procedure for pumped wells (WSRC, 1992b) requires evacuation of a minimum of two well volumes and stabilization of pH, specific conductance, and turbidity prior to sample collection. Stability is established when a minimum of three successive measurements, taken within a given time period, are within a specified tolerance range. If a well pumps dry before two well volumes are purged or before stabilization is achieved, it must be revisited within 24 hours for the data to be considered from a single sampling event. On the second visit within 24 hours, samples are taken without further purging or stability measurements; thus, these samples may not be representative of groundwater quality.

Wells BGO 3A, 3C, 20A, 20AA, 20B, 20C, 39A, 39C, 51A, 51AA, 51B, 51C, 51D, 52A, 52AA, 52B, 52C, 52D, 53A, 53AA, 53B, 53C, and 53D have variable-speed centrifugal downhole pumps. All remaining wells in the BGO series and all wells in the BGX, FSS, and HMD series and in cluster HSB 85 have single-speed centrifugal downhole pumps.

During fourth quarter 1995, groundwater samples from the MWMF were analyzed for selected heavy metals, indicator parameters, radionuclides, volatile organic compounds and other constituents. This report describes the results that equaled or exceeded the following standards:

- Safe Drinking Water Act final Primary Drinking Water Standards (PDWS) or drinking water screening levels, as established by the U.S. Environmental Protection Agency (EPA) (Appendix A)
- the South Carolina final PDWS for lead (Appendix A)
- SRS flagging criteria based on PDWS, Secondary Drinking Water Standards, or method detection limits (Appendix B)

For simplicity, results that equaled or exceeded standards are described as *exceeding* standards, *above* standards, or as *elevated.*

Both field and laboratory pH results are provided in this report. The field measurements are considered more reflective of actual groundwater conditions; however, laboratory pH measurements are required by current regulations. Because shipping time to the analytical laboratory for pH analyses exceeds both the SCDHEC holding time (the time between sample collection and analysis) of 15 minutes and the prescribed analytical method holding time, laboratory pH measurements always exceed the holding time.

The final PDWS for individual analytes provided in Appendix A may not always match the SRS flagging criteria provided in Appendix B. The final PDWS are used as guidelines in this compliance report to meet regulatory requirements; the flagging criteria are used by EPD/EMS to identify relative levels of constituents in the groundwater and as guides for scheduling groundwater sampling.

Integrity of the Monitoring Well Network

The current groundwater monitoring well network at the MWMF (Figure 2, Appendix C) is composed of the following:

- 58 Aquifer Zone IIB_2 (Water Table) wells (Figure 5, Appendix C):

  BGO 1D, 2D, 3D, 4D, 5D, 6D, 7D, 8D, 9D, 10DR, 11D, 12D, 14DR, 15D, 16D, 17DR, 18D, 19D, 20D, 21D, 22DR, 23D, 24D, 26D, 27D, 28D, 29D, 30D, 31D, 32D, 33D, 34D, 35D, 36D, 37D, 38D, 39D, 40D, 44D, 45D, 46D, 47D, 48D, 49D, 50D, 51D, 52D, 53D; **BGX** 1D, 9D, 10D, 11D, 12D; **FSS** 1D, 2D, 3D, 4D; **HSB** 85C

- 56 Aquifer Zone IIB_1 (Barnwell/McBean) wells (Figure 6, Appendix C):

  BGO 3C, 5C, 6B, 6C, 8C, 10B, 10C, 12CR, 13DR, 14CR, 16B, 20B, 20C, 27C, 29C, 30C, 31C, 33C, 35C, 37C, 39C, 42C, 43CR, 43D, 44B, 44C, 45B, 45C, 46B, 46C, 47C, 48C, 49C, 50C, 51B, 51C, 52B, 52C, 53B, 53C; **BGX** 1C, 2B, 2D, 3D, 4C, 4D, 5D, 6D, 7D, 8DR, 12C; **HMD** 1D, 2D, 3D, 4D; **HSB** 85B

- 34 Aquifer Unit IIA (Congaree) wells (Figure 7, Appendix C):

  BGO 3A, 6A, 8AR, 9AA, 10AA, 10AR, 12AR, 14AR, 16AR, 18A, 20A, 20AA, 25A, 26A, 29A, 39A, 41A, 43A, 43AA, 44A, 44AA, 45A, 47A, 49A, 50A, 51A, 51AA, 52A, 52AA, 53A, 53AA; **BGX** 1A, 4A; **HSB** 85A

SRS has a program in place to rehabilitate and replace wells that do not produce representative samples from the units being monitored. A complete record of well installations, replacements, and abandonments at the MWMF is found in the EPD/EMS well inventory (EPD/EMS, 1995a). The 23 groundwater monitoring wells installed in and around the Burial Ground Complex in 1994 as part of Phases 1A and 2A of the Burial Ground Complex field investigation plan (WSRC, 1993a) were scheduled for sampling for the first time during first or fourth quarters 1995 (Table 1).

The designated background wells for Aquifer Zone IIB_2 (Water Table) are wells BGO 1D and 2D and HSB 85C; well HSB 85B is the background well for Aquifer Zone IIB_1 (Barnwell/McBean); and well HSB 85A is the background well for Aquifer Unit IIA (Congaree).

Table D-3 provides codes that identify unusual sampling events during each quarter of sampling in 1995. Unusual sampling events (with applicable sampling codes in parentheses) occurred as follows during fourth quarter 1995.

- Wells that went dry during purging (X):

  BGO 1D, 3D, 4D, 5C, 5D, 6B, 6D, 10B, 10C, 10DR, 12CR, 12D, 13DR, 14CR, 16B, 17DR, 20B, 20D, 21D, 22DR, 24D, 25A, 26D, 27D, 28D, 29A, 29C, 29D, 30C, 30D, 31C, 31D, 32D, 33D, 34D, 35D, 36D, 37D, 38D, 39D, 40D, 41A, 42C, 43CR, 44B, 44C, 45B, 45C, 46C, 49D, 50A, 50C; **BGX** 1A, 1C, 1D, 2B, 2D, 11D, 12D; **FSS** 1D, 2D, 3D, 4D; **HMD** 1D, 4D; **HSB** 85B

- Wells that went dry during sampling (I):

  BGO 53D

- Wells that could not be sampled because they were inaccessible or had mechanical problems (P):

  BGO 9AA, 26A, 37C, 52B

- Wells that had no samples obtained (no code):

  BGO 16D and **BGX** 10D

  Well **BGO** 16D is scheduled for sampling second quarter 1996; well **BGX** 10D is scheduled for sampling first quarter 1996.

- Wells that had no water in the standpipe during sampling (S):

  BGO 49A

Table 1. First Scheduled Sampling of Groundwater Monitoring Wells Installed in 1994 at the Burial Ground Complex

Well	Screen Zone	Installation Status	First Scheduled Sampling
BGO 3A	U. Congaree (IIA)	completed	1Q95
BGO 3C	Barnwell (IIB_1)	completed	1Q95
BGO 20A	U. Congaree (IIA)	completed	4Q95
BGO 20AA	L. Congaree (IIA)	completed	4Q95
BGO 20B	McBean (IIB_1)	completed	4Q95
BGO 20C	Barnwell (IIB_1)	completed	4Q95
BGO 39A	U. Congaree (IIA)	completed	1Q95
BGO 39C	Barnwell (IIB_1)	completed	1Q95
BGO 51A	U. Congaree (IIA)	completed	1Q95
BGO 51AA	L. Congaree (IIA)	completed	1Q95
BGO 51B	McBean (IIB_1)	completed	1Q95
BGO 51C	Barnwell (IIB_1)	completed	1Q95
BGO 51D	Water Table (IIB_2)	completed	1Q95
BGO 52A	U. Congaree (IIA)	completed	4Q95
BGO 52AA	L. Congaree (IIA)	completed	4Q95
BGO 52B	McBean (IIB_1)	completed	4Q95
BGO 52C	Barnwell (IIB_1)	completed	4Q95
BGO 52D	Water Table (IIB_2)	completed	4Q95
BGO 53A	U. Congaree (IIA)	completed	4Q95
BGO 53AA	L. Congaree (IIA)	completed	4Q95

Well	Screen Zone	Installation Status	First Scheduled Sampling
BGO 53B	McBean (IIB_1)	completed	4Q95
BGO 53C	Barnwell (IIB_1)	completed	4Q95
BGO 53D	Water Table (IIB_2)	completed	4Q95

Analytical Results Exceeding Standards

Results for analytes that exceeded the final PDWS during fourth quarter 1995 are summarized in Table D-1 and described below. In the text description, the maximum level for each constituent is indicated in parentheses following the well in which it was detected.

Aquifer Zone IIB_2 (Water Table): 40 of the 58 wells contained elevated constituents during fourth quarter 1995.

- Tritium was elevated in 39 wells: **BGO** 3D, 4D, 5D, 6D, 7D, 8D, 9D, 10DR, 11D, 12D, 14DR, 15D, 19D, 20D, 21D, 23D, 27D, 28D (maximum activity at 4.9E+04 pCi/mL), 30D, 32D, 33D, 35D, 36D, 37D, 38D, 39D, 44D, 45D, 46D, 47D, 48D, 49D, 50D, 51D, 52D; **BGX** 1D and 12D; and **FSS** 2D and 3D.
- Trichloroethylene was elevated in 12 wells: **BGO** 6D, 7D, 12D, 14DR, 15D, 26D, 28D, 30D, 46D, 47D, 48D (maximum concentration at 140 µg/L), and 50D.
- Tetrachloroethylene was elevated in 3 wells: **BGO** 6D, 15D, and 48D (maximum concentration at 11 µg/L).
- Gross alpha was elevated in 2 wells: **BGO** 30D and 48D (maximum activity at 2.3E+01 pCi/L).
- Lead was elevated in well **FSS** 3D.
- Chloroethene was elevated in well **BGO** 28D.

Aquifer Zone IIB_1 (Barnwell/McBean): 34 of the 56 wells contained elevated constituents during fourth quarter 1995.

- Tritium was elevated in 31 wells: **BGO** 5C, 6B, 6C, 10B, 10C, 13DR, 14CR, 27C, 29C, 30C, 31C, 33C (maximum activity at 1.2E+04 pCi/mL), 35C, 44B, 44C, 45C, 46C, 47C, 48C, 49C, and 50C; **BGX** 1C, 2B, 2D, 3D, 4D, 5D, 7D, and 8DR; and **HMD** 1D and 3D.
- Trichloroethylene was elevated in 12 wells: **BGO** 12CR, 14CR, 27C, 30C, 33C, 35C, 42C, 46C, 48C, and 53C (maximum concentration at 46 µg/L); and **BGX** 2D and 8DR.
- Tetrachloroethylene was elevated in 3 wells: **BGO** 33C and **BGX** 7D and 8DR (maximum concentration at 26 µg/L).
- Mercury was elevated in well **BGO** 33C.

Aquifer Unit IIA (Congaree): 3 of the 34 wells contained elevated constituents during fourth quarter 1995.

- Tritium was elevated in 2 wells: **BGO** 3A and **BGX** 1A; both had activities of 5.6E+02 pCi/mL.

- Trichloroethylene was elevated in well **BGO** 41A.

Results for analytes that exceeded other SRS flagging criteria during fourth quarter 1995 are summarized in Table D–2 of Appendix D.

Table D-3 shows complete field and analytical results for all the wells and indicates the analytical laboratories that conducted the analyses, the dilution factors used in the analyses, and the analyses that received modifiers (which help identify laboratory accuracy and precision) or that exceeded the EPA-approved holding times during fourth quarter 1995. Constituent results in Table D-3 that appear to equal the final PDWS but are not marked in the *ST* column (exceeded final PDWS or screening level) are below the final PDWS in the database. Database results, the results that are compared to the final PDWS, are entered with more significant digits than the results given in this report. Apparent discrepancies are the result of the rounding of reported results.

In addition to the results tables, Appendix D provides definitions of the abbreviations and the modifiers used in the results tables as well as descriptions of holding times, data rounding, and data qualification practices. Appendix E provides a general assessment of the quality and usability of the data.

Isoconcentration maps of lead, trichloroethylene, and tritium in Aquifer Zone IIB_2 (Water Table), Aquifer Zone IIB_1 (Barnwell/McBean), and Aquifer Unit IIA (Congaree) wells during fourth quarter 1995 appear in Figures 8 through 10 and 17 through 22 (Appendix C). Postings of pH and specific conductance results appear in Figures 11 through 16 (Appendix C).

Trichloroethylene and Tritium Time-Trend Data

Time series plots from first quarter 1991 through fourth quarter 1995 for wells containing trichloroethylene and tritium are presented in Appendix F. A statistical analysis was performed as part of the 1992 MWMF RCRA Part B post-closure care permit application renewal. Trichloroethylene and tritium were identified among the constituents of concern. Statements concerning relative levels of these constituents are provided below.

Trichloroethylene concentrations have exhibited the following trends since first quarter 1992:

- Trichloroethylene concentrations in wells **BGO** 6A, 6B, 6C, 8AR, 8C, 16AR, 16B, 27D, 29D, 31D, 33D, 44A, 44AA, 44B, 44D, 47A, and 50A have been consistently below or near detection limits.

- Trichloroethylene concentrations in wells **BGO** 8D, 12AR, 13DR, 14AR, 29A, 29C, 31C, 32D, 40D, 44C, 46B, 47C, and 48C and **BGX** 2B have been consistently near or below the final PDWS.

- Wells **BGO** 6D, 7D, 12CR, 12D, 14CR, 14DR, 15D, 16D, 27C, 28D, 30C, 30D, 33C, 42C, 46C, 46D, 47D, and 48D and **BGX** 2D have exhibited concentrations of trichloroethylene that consistently exceeded the final PDWS.

- Well **BGO** 28D, screened in Aquifer Zone IIB_2 (Water Table), has consistently exhibited the highest trichloroethylene concentrations, usually ranging from approximately 160 μg/L to 340 μg/L.

- Other wells have exhibited somewhat erratic activities, ranging from relatively high above the final PDWS to below the final PDWS (i.e., wells **BGO** 50C and 50D and **BGX** 3D).

- Data are insufficient to determine trends or do not suggest trends for other wells.

Tritium activities have exhibited the following trends since first quarter 1992:

- Tritium activities in wells **BGO** 6A, 8AR, 9AA, 10AR, 12AR, 12CR, 16AR, 18A, 25A, 43AA, 44A, 44AA, 47A, 49A, and 50A and **BGX** 4A and 12C have been consistently near or below detection limits.

- Tritium activities have not exceeded the final PDWS in upgradient wells **BGO** 1D and **HSB** 85A, 85B, and 85C.

- Tritium activities in wells **BGO** 2D, 8C, 10AA, 14AR, 17DR, 18D, 20D, 24D, 26D, 29A, 29D, 33D, 40D, 42C, 43CR, 43D, and 45B; **BGX** 2B, 4C, 6D, 9D, 10D, 11D, and 12D; **FSS** 1D and 4D; and **HMD** 2D and 4D have been consistently near or below the final PDWS.

- Wells **BGO** 3D, 5C, 6C, 6D, 7D, 10DR, 11D, 14CR, 15D, 16D, 19D, 21D, 23D, 27C, 27D, 28D, 29C, 30C, 30D, 31C, 32D, 33C, 35D, 36D, 37D, 38D, 39D, 44B, 44C, 44D, 45C, 45D, 46C, 46D, 47C, 47D, 48C, 48D, 49C, 49D, 50C, and 50D; **BGX** 1C, 1D, 2D, 3D, and 8DR; and **FSS** 2D and 3D have exhibited tritium levels that have consistently exceeded the final PDWS.

- Well **BGO** 28D, located in Aquifer Zone IIB_2 (Water Table) at the west edge of the Old Burial Ground, has consistently exhibited the highest tritium activities, exceeding 1.0E+05 pCi/mL during most quarters.

- Some wells have exhibited erratic activities, ranging from relatively high above the final PDWS to below the final PDWS (e.g., wells **BGO** 8D, 9D, 10B, 10C, 13DR, 14DR, 22DR, 31D, and 46B; **BGX** 4D and 7D; and **HMD** 1D).

- Data are insufficient to determine trends or do not suggest trends for other wells.

Tritium activities in wells **BGO** 12AR, 12CR, 12D, 14AR, 26D, 29A, 34D, 35C, 36D, 37D, 38D, and 39D and **FSS** 4D appear to have been anomalously high during fourth quarter 1991 as compared to preceding and more recent quarters.

Water Levels

Hydrographs for selected wells and well clusters at the MWMF are provided in Appendix G. Average water elevations for all the wells in each of the three hydrostratigraphic units beneath the MWMF for the past four quarters are shown below in Table 2.

Table 2. Average Water Elevations (ft msl) in the Hydrostratigraphic Units beneath the MWMF

Unit	1Q95	2Q95	3Q95	4Q95
Aquifer Zone IIB_2 (Water Table)	231.83	231.75	231.64	231.00
Aquifer Zone IIB_1 (Barnwell/McBean)	220.36	220.05	220.23	218.44
Aquifer Unit IIA (Congaree)	160.95	160.62	172.85	162.18

During fourth quarter 1995, the water level in Aquifer Zone IIB_2 (Water Table) declined an average of 0.64 ft compared to third quarter 1995, the water level in Aquifer Zone IIB_1 (Barnwell/McBean) declined an average of 1.79 ft, and the water level in Aquifer Unit IIA (Congaree) decreased an average of 10.67 ft.

A consistent vertical head relationship exists among 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, which was first noted in 1988, exists at all BGO well clusters.

Groundwater Flow Rates and Directions

Groundwater flow diverges in Aquifer Zone IIB_2 (Water Table) and Aquifer Zone IIB_1 (Barnwell/McBean), with flows toward Fourmile Branch to the southwest and Upper Three Runs Creek to the north (using universal transverse Mercator coordinates [UTM]). Groundwater in Aquifer Unit IIA (Congaree) flows to the northwest toward Upper Three Runs Creek. Fourmile Branch incises Aquifer Zones IIB_2 (Water Table) and IIB_1 (Barnwell/McBean) but not Aquifer Zone IIA (Congaree), creating a discharge for the upper two units only. Upper Three Runs Creek incises Aquifer Zone IIB_2 (Water Table), Aquifer Zone IIB_1 (Barnwell/McBean), and Aquifer Unit IIA (Congaree), creating a discharge for all three units.

Because the topography slopes downward near Upper Three Runs Creek, groundwater conditions change in this area. As indicated in Figure 23 (Appendix C), Aquifer Zone IIB_2 (Water Table) has a northern limit of saturation. North of this limit, the water table dips below Confining Zone IIB_1-IIB_2 (Tan Clay), and Aquifer Zone IIB_1 (Barnwell/McBean) becomes unconfined (Figure 24, Appendix C).

Horizontal flow rate calculations provide estimates of the transport rate of constituents originating from the MWMF. Flow rates in Aquifer Zone IIB_2 (Water Table) and Aquifer Zone IIB_1 (Barnwell/McBean) are calculated along two flow paths (designated flow paths A and B) to characterize the divergent groundwater flows toward Upper Three Runs Creek and Fourmile Branch. The flow rate for Aquifer Unit IIA (Congaree) (Figure 25, Appendix C) is calculated along a single flow path because flow directions within this unit are generally more uniform than in the overlying units. Flow rates are estimated using the following 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 3.03 ft/day, 1.5 ft/day, and 45 ft/day are used for Aquifer Zone IIB_2 (Water Table), Aquifer Zone IIB_1 (Barnwell/McBean), and Aquifer Unit IIA (Congaree), respectively (WSRC, 1992b). An effective porosity value of 20 percent is used for the two upper

units, and an effective porosity value of 25 percent is used for Aquifer Unit IIA (Congaree) (WSRC, 1992b). The value *dh* is the difference in head, and *dl* is the length of the flow path.

Flow path lengths are calculated to the nearest 50 ft. Flow rate per day is calculated to two significant figures, then multiplied by 365 and rounded to two significant figures for the flow rate per year. Flow rate estimates vary depending on the vertical gradient between wells, the size of the area under consideration, the number of data points, and the length and location of the flow path. Because flow rate calculations are based on inferred or estimated parameters, these estimates are considered accurate to an order of magnitude only. Horizontal flow rate estimates for the three hydrostratigraphic units during the past four quarters are provided in Table 3 below.

Table 3. Estimated Horizontal Groundwater Flow Rates (ft/year) in the Hydrostratigraphic Units beneath the MWMF

Unit	1Q95	2Q95	3Q95	4Q95
Aquifer Zone IIB_2 (Water Table)	22–35	21–34	NA	18–29
Aquifer Zone IIB_1 (Barnwell/McBean)	8.8–26	9.1–21	NA	8.4–23
Aquifer Unit IIA (Congaree)	180	190	NA	180

Using UTM coordinates, the fourth quarter 1995 flow directions in Aquifer Zone IIB_2 (Water Table) were to the west (flow path A) and north to northwest (flow path B). Flow directions in Aquifer Zone IIB_1 (Barnwell/McBean) were to the west (flow path A) and north to northeast (flow path B), and the flow direction in Aquifer Unit IIA (Congaree) was to the northwest (Figures 23, 24, and 25, Appendix C).

The flow rate estimates for groundwater in Aquifer Zone IIB_2 (Water Table) beneath the MWMF during fourth quarter 1995 were calculated as follows (Figure 23, Appendix C):

- Flow path A (toward Fourmile Branch)

$$\frac{3.03}{0.20} \times \frac{8}{2{,}400} \approx 0.050 \text{ ft/day}$$

$$0.050 \text{ ft/day} \times 365 \text{ days} \approx 18 \text{ ft/year}$$

- Flow path B (toward Upper Three Runs Creek)

$$\frac{3.03}{0.20} \times \frac{10}{1{,}900} \approx 0.080 \text{ ft/day}$$

$$0.080 \text{ ft/day} \times 365 \text{ days} \approx 29 \text{ ft/year}$$

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

- Flow path A (toward Fourmile Branch)

$$\frac{1.5}{0.20} \times \frac{8}{2{,}600} \approx 0.023 \text{ ft/day}$$

0.023 ft/day × 365 days ≈ 8.4 ft/year

- Flow path B (toward Upper Three Runs Creek)

$$\frac{1.5}{0.20} \times \frac{10}{1{,}200} \approx 0.063 \text{ ft/day}$$

0.063 ft/day × 365 days ≈ 23 ft/year

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

$$\frac{45}{0.25} \times \frac{5}{1{,}850} \approx 0.49 \text{ ft/day}$$

0.49 ft/day × 365 days ≈ 180 ft/year

Upgradient vs. Downgradient Results

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

During fourth quarter 1995, no elevated constituents were detected in any upgradient wells. Downgradient wells in the three hydrostratigraphic units contained elevated levels of chloroethene, gross alpha, lead, mercury, tetrachloroethylene, trichloroethylene, and tritium.

Quality Control Results

Wells BGO 8AR, 10AA, 35C, 43D, 45A, and 47A; BGX 4C; and HSB 85C were selected to receive blind replicate analyses during fourth quarter 1995. Blind replicate analyses, representing approximately 5 percent of the quarter's total groundwater samples, are performed by the analytical laboratories each quarter for wells selected by EPD/EMS as part of the EPD/EMS quality assurance program (see Appendix E). The results of the analyses are used for both intralaboratory and interlaboratory comparisons. As part of intralaboratory quality assurance procedures, certain analyses were duplicated by the laboratory. The highest results of duplicate and replicate analyses are reported in Table D-3.

The Savannah River Site's Groundwater Monitoring Program, Fourth Quarter 1995 (U) (EPD/EMS, 1995b) provides a full evaluation of data quality control and an explanation of analytical results for the quarter.

Conclusions

The groundwater at the MWMF contains elevated levels of heavy metals, radionuclides, volatile organic compounds, and other constituents resulting from 40 years of operations at the Burial Ground Complex. During fourth quarter 1995, chloroethene, gross alpha, lead, mercury, tetrachloroethylene, trichloroethylene, and tritium exceeded their final PDWS in one or more wells at the MWMF. All of these constituents also occurred in elevated levels during first quarter 1995.

As in previous quarters, tritium and trichloroethylene were the most widespread elevated constituents. Seventy-two (49%) of the 148 monitoring wells contained elevated tritium activities, with the maximum activity (4.9E+04 pCi/mL) occurring in well BGO 28D in Aquifer Zone IIB_2 (Water Table). Trichloroethylene concentrations exceeded the final PDWS in 25 (17%) of the wells, with the maximum concentration of 140 μg/L found in well BGO 48D in Aquifer Zone IIB_2 (Water Table).

Elevated constituent levels were found primarily in Aquifer Zone IIB_2 (Water Table) and Aquifer Zone IIB_1 (Barnwell/McBean), consistent with historical data. Past quarters' results for Aquifer Unit IIA (Congaree) have indicated 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 in contaminant movement (GeoTrans, Inc., 1992). During fourth quarter 1995 in Aquifer Unit IIA (Congaree), trichloroethylene was elevated in well BGO 41A and tritium was elevated in wells BGO 3A and BGX 1A.

During fourth quarter 1995, no upgradient well contained constituents that exceeded the final PDWS. Elevated levels of constituents were detected in numerous downgradient wells. 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 in Aquifer Zone IIB_2 (Water Table) and Aquifer Zone IIB_1 (Barnwell/McBean) diverges beneath the Burial Ground Complex and discharges toward Upper Three Runs Creek or toward Fourmile Branch. During fourth quarter 1995, flow in these units was north to northwest or north to northeast toward Upper Three Runs Creek or to the west toward Fourmile Branch (UTM coordinates). The groundwater flow direction in Aquifer Unit IIA (Congaree) was consistently northwest toward Upper Three Runs Creek.

Groundwater flow rate estimates were in the same order of magnitude as previous quarters. Estimates ranged from 18 to 29 ft/year in Aquifer Zone IIB_2 (Water Table) and from 8.4 to 23 ft/year in Aquifer Zone IIB_1 (Barnwell/McBean). The flow rate estimate in Aquifer Unit IIA (Congaree) was 180 ft/year.

1995 Summary

Results for analytes that exceeded the final PDWS during 1995 are summarized below. The maximum level for each constituent is indicated in parentheses following the name of the well in which it was detected.

Aquifer Zone IIB_2 (Water Table): 44 of the 58 wells contained elevated constituents during 1995.

- Tritium was elevated in 41 wells: BGO 3D, 4D, 5D, 6D, 7D, 8D, 9D, 10DR, 11D, 12D, 14DR, 15D, 16D, 19D, 20D, 21D, 23D, 27D, 28D (maximum activity at 2.1E+05 pCi/mL during first quarter), 30D, 32D, 33D, 34D, 35D, 36D, 37D, 38D, 39D, 44D, 45D, 46D, 47D, 48D, 49D, 50D, 51D, and 52D; BGX 1D and 12D; and FSS 2D and 3D.

- Trichloroethylene was elevated in 13 wells: BGO 6D, 7D, 12D, 14DR, 15D, 16D, 26D, 28D (maximum concentration at 200 µg/L during first quarter), 30D, 46D, 47D, 48D, and 50D.

- Tetrachloroethylene was elevated in 5 wells: BGO 6D, 15D, 32D, 46D, and 48D (maximum concentration at 27 µg/L during first quarter).

- Lead was elevated in 3 wells: BGX 10D and FSS 2D and 3D (maximum concentration at 820 µg/L during first quarter).

- Chloroethene was elevated in 2 wells: BGO 28D (maximum concentration at 45 µg/L during first quarter) and 46D.

- Gross alpha was elevated in 2 wells: BGO 30D and 48D (maximum activity at 2.3E+01 pCi/L during fourth quarter).

- Antimony was elevated in well BGO 40D (maximum concentration at 6.4 µg/L during first quarter).

- Dichloromethane was elevated in well BGO 12D (maximum concentration at 14 µg/L during first quarter).

Aquifer Zone IIB_1 (Barnwell/McBean): 35 of the 56 wells contained elevated constituents during 1995.

- Tritium was elevated in 32 wells: BGO 5C, 6B, 6C, 10B, 10C, 12CR, 13DR, 14CR, 27C, 29C, 30C, 31C, 33C (maximum activity at 1.2E+04 pCi/mL during fourth quarter), 35C, 44B, 44C, 45C, 46C, 47C, 48C, 49C, and 50C; BGX 1C, 2B, 2D, 3D, 4D, 5D, 7D, and 8DR; and HMD 1D and 3D.

- Trichloroethylene was elevated in 13 wells: BGO 12CR (maximum concentration at 78 µg/L during first quarter), 14CR, 27C, 30C, 33C, 35C, 42C, 46C, 48C, 50C, and 53C and BGX 2D and 8DR.

- Tetrachloroethylene was elevated in 3 wells: BGO 33C and BGX 7D and 8DR (maximum concentration at 26 μg/L during fourth quarter).

- Lead was elevated in 2 wells: BGO 30C (maximum concentration at 82 μg/L during first quarter) and 44B.

- Antimony was elevated in well BGO 13DR (maximum concentration at 7.6 μg/L during first quarter).

- Gross alpha was elevated in well BGO 43CR (maximum activity at 1.5E+01 pCi/L during first quarter).

- Mercury was elevated in well BGO 33C (maximum concentration at 5.4 μg/L during fourth quarter).

Aquifer Unit IIA (Congaree): 7 of the 34 wells contained elevated constituents during 1995.

- Antimony was elevated in 2 wells: BGO 39A and 51AA (maximum concentration at 8.5 μg/L during first quarter).

- Tritium was elevated in 2 wells: BGO 3A and BGX 1A (maximum activity at 5.6E+02 pCi/mL during fourth quarter in both wells).

- Dichloromethane was elevated in well BGO 6A (maximum concentration at 7.5 μg/L during first quarter).

- Nonvolatile beta was elevated in well BGO 9AA (maximum activity at 7.9E+01 pCi/L during first quarter).

- Trichloroethylene was elevated in well BGO 41A (maximum concentration at 8.0 μg/L during fourth quarter).

As in 1994, tritium and trichloroethylene exceeded their final PDWS more frequently than did other constituents. Also, elevated constituents were found primarily in Aquifer Zone IIB_2 (Water Table) and Aquifer Zone IIB_1 (Barnwell/McBean); however, elevated constituents were found in three wells in Aquifer Unit IIA (Congaree).

As part of the Burial Ground Complex field investigation plan, 23 additional groundwater monitoring wells were installed in 1994. All except one were sampled during 1995.

Groundwater flow directions beneath the MWMF during 1995 were generally similar to the directions during 1994. Using UTM coordinates, the flow directions in each hydrostratigraphic unit during 1995 were as follows: Aquifer Zone IIB_2 (Water Table) to the north-northwest, northwest, west, or west-southwest; Aquifer Zone IIB_1 (Barnwell/McBean) to the north-northeast, northwest, or west; and Aquifer Unit IIA (Congaree) to the northwest. Flow rates during 1995 were in the same order of magnitude as flow rates in 1994.

The average water level in Aquifer Zone IIB_2 (Water Table) rose 0.92 ft during 1995 compared to a decline of 0.75 ft in this unit in 1994. The water level in Aquifer Zone IIB_1 (Barnwell/McBean) rose 0.32 ft in 1995 compared to a decline of 1.02 ft in 1994. In Aquifer Unit IIA (Congaree), the water level declined 1.34 ft during 1995 compared to an increase of 3.23 ft during 1994.

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.

EPD/EMS (Environmental Protection Department/Environmental Monitoring Section), 1995a. **Environmental Protection Department's Well Inventory (through the second quarter of 1995)**, ESH-EMS-950419. Westinghouse Savannah River Company, Savannah River Site, Aiken, SC.

EPD/EMS (Environmental Protection Department/Environmental Monitoring Section), 1995b. **The Savannah River Site's Groundwater Monitoring Program, Fourth Quarter 1995 (U)**, ESH-EMS-950396, in preparation. Westinghouse Savannah River Company, Savannah River Site, Aiken, SC.

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.

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. **Environmental Information Document: 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), 1993. **South Carolina Hazardous Waste Management Regulations**; R.61-79.124, .260 through .266, .268, and .270. Columbia, SC.

WSRC (Westinghouse Savannah River Company), 1992a. **1992 RCRA Part B Permit Renewal Application. Mixed Waste Management Facility (MWMF) Post-Closure**, Volume VII, Revision 0, November 1992, WSRC-IM-91-53. Savannah River Site, Aiken, SC.

WSRC (Westinghouse Savannah River Company), 1992b. *Sampling Groundwater Monitoring Wells*, **Hydrogeologic Data Collection Procedures and Specifications**, Manual 3Q5, Rev. 1, Chapter 15. Savannah River Site, Aiken, SC.

WSRC (Westinghouse Savannah River Company), 1993a. **A Field Investigation Plan for the Burial Ground Complex**, September 1993, WSRC-RP-93-848. Savannah River Site, Aiken, SC.

WSRC (Westinghouse Savannah River Company), 1993b. **Mixed Waste Management Facility Closure Plan (LLRWDF)**, Volume II, August 1993, Q-CLP-E-00001. Savannah River Site, Aiken, SC.

WSRC (Westinghouse Savannah River Company), 1993c. **1992 RCRA Part B Permit Application, Mixed Waste Management Facility Postclosure**, Volume VII, Revision 2, November 1993, WSRC-IM-91-53. Savannah River Site, Aiken, SC.

WSRC (Westinghouse Savannah River Company), 1995. **Burial Ground Complex Field Investigation Preliminary Data Report**, No. 1, January 1995, WSRC-RP-94-1286. Savannah River Site, Aiken, SC.

Errata

In tables with four quarters of data, some values for earlier quarters may differ from values for those same quarters presented in earlier reports because some reanalyses may have been performed by the laboratories after the reports were printed.

Samples for field data are collected once each quarter, but samples for analytical data may be collected more than once each quarter. Thus, because the results tables present the highest analytical result for the quarter, the reported analytical result may be from a sample collected on a different date from the date the field data sample was collected.

Third Quarter 1994:

- Hydrograph for well BGO 19D: The hydrograph appears different from previous quarters because the top of casing was corrected from 287.2 to 290.1 ft msl and the screen zone elevation was corrected from 213.9-193.9 ft msl to 216.8-196.8 ft msl.

Fourth Quarter 1994:

- No errata have been reported.

First Quarter 1995

- No errata have been reported.

Second Quarter 1995:

- No errata have been reported.

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Appendix A

Final Primary Drinking Water Standards

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Final Primary Drinking Water Standards

Analyte	Unit	Level	Status	Source
Alachlor	µg/L	2	Final	EPA, 1993
Aldicarb[a]	µg/L	3	Final	EPA, 1993
Aldicarb sulfone[a]	µg/L	2	Final	EPA, 1993
Aldicarb sulfoxide[a]	µg/L	4	Final	EPA, 1993
Antimony	µg/L	6	Final	EPA, 1993
Arsenic	µg/L	50	Final	EPA, 1993
Asbestos	Fibers/L	7,000,000	Final	EPA, 1993
Atrazine	µg/L	3	Final	EPA, 1993
Barium	µg/L	2,000	Final	EPA, 1993
Benzene	µg/L	5	Final	EPA, 1993
Benzo[a]pyrene	µg/L	0.2	Final	EPA, 1993
Beryllium	µg/L	4	Final	EPA, 1993
Bis(2-ethylhexyl) phthalate	µg/L	6	Final	EPA, 1993
Bromodichloromethane	µg/L	100	Final	EPA, 1993
Bromoform	µg/L	100	Final	EPA, 1993
2-sec-Butyl-4,6-dinitrophenol	µg/L	7	Final	EPA, 1993
Cadmium	µg/L	5	Final	EPA, 1993
Carbofuran	µg/L	40	Final	EPA, 1993
Carbon tetrachloride	µg/L	5	Final	EPA, 1993
Chlordane	µg/L	2	Final	EPA, 1993
Chlorobenzene	µg/L	100	Final	EPA, 1993
Chloroethene (Vinyl chloride)	µg/L	2	Final	EPA, 1993
Chloroform	µg/L	100	Final	EPA, 1993
Chromium	µg/L	100	Final	EPA, 1993
Copper	µg/L	1,300	Final	EPA, 1993
Cyanide	µg/L	200	Final	EPA, 1993
Dalapon[a]	µg/L	200	Final	EPA, 1993
Dibromochloromethane	µg/L	100	Final	EPA, 1993
1,2-Dibromo-3-chloropropane	µg/L	0.2	Final	EPA, 1993
1,2-Dibromoethane	µg/L	0.05	Final	EPA, 1993
1,2-Dichlorobenzene	µg/L	600	Final	EPA, 1993
1,4-Dichlorobenzene	µg/L	75	Final	EPA, 1993
1,2-Dichloroethane	µg/L	5	Final	EPA, 1993
1,1-Dichloroethylene	µg/L	7	Final	EPA, 1993
1,2-Dichloroethylene	µg/L	50	Final	EPA, 1993
cis-1,2-Dichloroethylene	µg/L	70	Final	EPA, 1993
trans-1,2-Dichloroethylene	µg/L	100	Final	EPA, 1993
Dichloromethane (Methylene chloride)	µg/L	5	Final	EPA, 1993
2,4-Dichlorophenoxyacetic acid	µg/L	70	Final	EPA, 1993
1,2-Dichloropropane	µg/L	5	Final	EPA, 1993
Di(2-ethylhexyl) adipate[a]	µg/L	400	Final	EPA, 1993
Diquat dibromide[a]	µg/L	20	Final	EPA, 1993
Endothall[a]	µg/L	100	Final	EPA, 1993
Endrin	µg/L	2	Final	EPA, 1993
Ethylbenzene	µg/L	700	Final	EPA, 1993
Fluoride	µg/L	4,000	Final	EPA, 1993
Glyphosate[a]	µg/L	700	Final	EPA, 1993
Gross alpha[b]	pCi/L	1.5E+01	Final	EPA, 1993
Heptachlor	µg/L	0.4	Final	EPA, 1993
Heptachlor epoxide	µg/L	0.2	Final	EPA, 1993
Hexachlorobenzene	µg/L	1	Final	EPA, 1993
Hexachlorocyclopentadiene	µg/L	50	Final	EPA, 1993
Lead	µg/L	50	Final	SCDHEC, 1981

Analyte	Unit	Level	Status	Source
Lindane	µg/L	0.2	Final	EPA, 1993
Mercury	µg/L	2	Final	EPA, 1993
Methoxychlor	µg/L	40	Final	EPA, 1993
Nickel	µg/L	100	Final	EPA, 1993
Nitrate as nitrogen	µg/L	10,000	Final	EPA, 1993
Nitrate-nitrite as nitrogen	µg/L	10,000	Final	EPA, 1993
Nitrite as nitrogen	µg/L	1,000	Final	EPA, 1993
Nonvolatile beta	pCi/L	5E+01	Interim Final	EPA, 1977
Oxamyl[a]	µg/L	200	Final	EPA, 1993
PCB 1016	µg/L	0.5	Final	EPA, 1993
PCB 1221	µg/L	0.5	Final	EPA, 1993
PCB 1232	µg/L	0.5	Final	EPA, 1993
PCB 1242	µg/L	0.5	Final	EPA, 1993
PCB 1248	µg/L	0.5	Final	EPA, 1993
PCB 1254	µg/L	0.5	Final	EPA, 1993
PCB 1260	µg/L	0.5	Final	EPA, 1993
PCB 1262	µg/L	0.5	Final	EPA, 1993
Pentachlorophenol	µg/L	1	Final	EPA, 1993
Picloram[a]	µg/L	500	Final	EPA, 1993
Selenium	µg/L	50	Final	EPA, 1993
Simazine[a]	µg/L	4	Final	EPA, 1993
Strontium-89/90[c]	pCi/L	8E+00	Final	EPA, 1993
Strontium-90	pCi/L	8E+00	Final	EPA, 1993
Styrene	µg/L	100	Final	EPA, 1993
2,3,7,8-TCDD	µg/L	0.00003	Final	EPA, 1993
Tetrachloroethylene	µg/L	5	Final	EPA, 1993
Thallium	µg/L	2	Final	EPA, 1993
Toluene	µg/L	1,000	Final	EPA, 1993
Toxaphene	µg/L	3	Final	EPA, 1993
2,4,5-TP (Silvex)	µg/L	50	Final	EPA, 1993
1,2,4-Trichlorobenzene	µg/L	70	Final	EPA, 1993
1,1,1-Trichloroethane	µg/L	200	Final	EPA, 1993
1,1,2-Trichloroethane	µg/L	5	Final	EPA, 1993
Trichloroethylene	µg/L	5	Final	EPA, 1993
Tritium	pCi/mL	2E+01	Final	EPA, 1993
Xylenes	µg/L	10,000	Final	EPA, 1993

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[a] At present, EMS does not perform this analysis because the constituent is not in the current contract.
[b] The standard given is for gross alpha including radium-226 but excluding radon and uranium.
[c] For double radionuclide analyses where each separate radionuclide has its own standard, the more stringent standard is used.

References Cited

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), 1993. *National Primary Drinking Water Regulations,* **Code of Federal Regulations**, Title 40, Part 141, pp. 592–732. Washington, DC.

SCDHEC (South Carolina Department of Health and Environmental Control), 1981. **State Primary Drinking Water Regulations**, R.61–58.5. Columbia, SC.

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Appendix B

Flagging Criteria

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Flagging Criteria

The Savannah River Site Environmental Protection Department/Environmental Monitoring Section (EPD/EMS) flagging criteria are as follows:

- Flag 2 criteria for constituents equal the Safe Drinking Water Act (SDWA) final Primary Drinking Water Standards (PDWS), the SDWA proposed PDWS, or the SDWA Secondary Drinking Water Standards (SDWS). 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 final PDWS, one-half the proposed PDWS, or one-half the SDWS. If a constituent does not have a 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.

- Flag 0 criteria are assigned to constituent levels below Flag 1 criteria, constituent levels below the sample detection limits, or constituents having no flagging criteria.

The following parameters are exceptions to the flagging rules:

- EPD/EMS sets flagging criteria for pH and specific conductance. No flags are set for alkalinity, calcium, carbonate, magnesium, potassium, silica, sodium, total dissolved solids, total phosphates (as P), and total phosphorus. Analyses for these parameters are conducted as part of the biennial comprehensive analyses or by special request.

- Aesthetic parameters such as color, corrosivity, Eh, odor, surfactants, and turbidity are not assigned flagging criteria but are analyzed by special request.

- Common laboratory contaminants and cleaners such as dichloromethane (methylene chloride), ketones, phthalates, and toluene are not assigned flagging criteria unless they have PDWS. These constituents are analyzed by special request.

Analyte	Unit	Flag 1	Flag 2	Source[a]
Acenaphthene	µg/L	50	100	EPA Method 8270
Acenaphthylene	µg/L	50	100	EPA Method 8270
Acetone	µg/L	500	1,000	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
Actinium-228	pCi/L	1.64E+03	3.27E+03	Proposed PDWS (EPA, 1991)
Alachlor	µg/L	1	2	Final PDWS (EPA, 1993a)
Aldicarb[b]	µg/L	1.5	3	Final PDWS (EPA, 1993a)
Aldicarb sulfone[b]	µg/L	1	2	Final PDWS (EPA, 1993a)
Aldicarb sulfoxide[b]	µg/L	2	4	Final PDWS (EPA, 1993a)
Aldrin	µg/L	0.25	0.5	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	25	50	SDWS (EPA, 1993b)
Aluminum, dissolved	µg/L	25	50	SDWS (EPA, 1993b)
Aluminum, total recoverable	µg/L	25	50	SDWS (EPA, 1993b)

Analyte	Unit	Flag 1	Flag 2	Source[a]
Americium-241	pCi/L	3.17E+00	6.34E+00	Proposed PDWS (EPA, 1991)
Americium-243	pCi/L	3.19E+00	6.37E+00	Proposed PDWS (EPA, 1991)
4-Aminobiphenyl	µg/L	50	100	EPA Method 8270
Ammonia	µg/L	500	1,000	APHA Method 417B
Ammonia nitrogen	µg/L	500	1,000	EPA Method 350.1
Aniline	µg/L	50	100	EPA Method 8270
Anthracene	µg/L	50	100	EPA Method 8270
Antimony	µg/L	3	6	Final PDWS (EPA, 1993a)
Antimony, dissolved	µg/L	3	6	Final PDWS (EPA, 1993a)
Antimony, total recoverable	µg/L	3	6	Final PDWS (EPA, 1993a)
Antimony-125	pCi/L	1.5E+02	3E+02	Interim Final PDWS (EPA, 1977)
Aramite	µg/L	50	100	EPA Method 8270
Arsenic	µg/L	25	50	Final PDWS (EPA, 1993a)
Arsenic, dissolved	µg/L	25	50	Final PDWS (EPA, 1993a)
Arsenic, total recoverable	µg/L	25	50	Final PDWS (EPA, 1993a)
Asbestos	Fibers/L	3,500,000	7,000,000	Final PDWS (EPA, 1993a)
Atrazine	µg/L	1.5	3	Final PDWS (EPA, 1993a)
Azobenzene	µg/L	50	100	EPA Method 625
Barium	µg/L	1,000	2,000	Final PDWS (EPA, 1993a)
Barium, dissolved	µg/L	1,000	2,000	Final PDWS (EPA, 1993a)
Barium, total recoverable	µg/L	1,000	2,000	Final PDWS (EPA, 1993a)
Barium-140[c]	pCi/L	4.5E+01	9E+01	Interim Final PDWS (EPA, 1977)
Benzene	µg/L	2.5	5	Final PDWS (EPA, 1993a)
alpha-Benzene hexachloride	µg/L	0.25	0.5	EPA Method 8080
beta-Benzene hexachloride	µg/L	0.25	0.5	EPA Method 8080
delta-Benzene hexachloride	µg/L	0.25	0.5	EPA Method 8080
Benzidine	µg/L	250	500	EPA Method 8270
Benzo[*a*]anthracene	µg/L	0.05	0.1	Proposed PDWS (EPA, 1990)
Benzo[*b*]fluoranthene	µg/L	0.1	0.2	Proposed PDWS (EPA, 1990)
Benzo[*k*]fluoranthene	µg/L	0.1	0.2	Proposed PDWS (EPA, 1990)
Benzoic acid	µg/L	250	500	EPA Method 8270
Benzo[*g,h,i*]perylene	µg/L	50	100	EPA Method 8270
Benzo[*a*]pyrene	µg/L	0.1	0.2	Final PDWS (EPA, 1993a)
1,4-Benzoquinone	µg/L	50	100	EPA Method 8270
Benzyl alcohol	µg/L	50	100	EPA Method 8270
Beryllium	µg/L	2	4	Final PDWS (EPA, 1993a)
Beryllium, dissolved	µg/L	2	4	Final PDWS (EPA, 1993a)
Beryllium, total recoverable	µg/L	2	4	Final PDWS (EPA, 1993a)
Beryllium-7	pCi/L	3E+03	6E+03	Interim Final PDWS (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(2-ethylhexyl) phthalate	µg/L	3	6	Final PDWS (EPA, 1993a)
Bismuth-214	pCi/L	9.4E+03	1.89E+04	Proposed PDWS (EPA, 1991)
Boron	µg/L	150	300	EPA Method 6010
Boron, dissolved	µg/L	150	300	EPA Method 6010
Boron, total recoverable	µg/L	150	300	EPA Method 6010
Bromide	µg/L	5,000	10,000	EPA Method 300.0
Bromodichloromethane	µg/L	50	100	Final PDWS (EPA, 1993a)
Bromoform	µg/L	50	100	Final PDWS (EPA, 1993a)
Bromomethane (Methyl bromide)	µg/L	5	10	EPA Method 8240
4-Bromophenyl phenyl ether	µg/L	50	100	EPA Method 8270
Butylbenzyl phthalate		No flag	No flag	Set by EPD/EMS
2-sec-Butyl-4,6-dinitrophenol	µg/L	3.5	7	Final PDWS (EPA, 1993a)

Analyte	Unit	Flag 1	Flag 2	Source[a]
Cadmium	µg/L	2.5	5	Final PDWS (EPA, 1993a)
Cadmium, dissolved	µg/L	2.5	5	Final PDWS (EPA, 1993a)
Cadmium, total recoverable	µg/L	2.5	5	Final PDWS (EPA, 1993a)
Calcium		No flag	No flag	Set by EPD/EMS
Calcium, dissolved		No flag	No flag	Set by EPD/EMS
Calcium, total recoverable		No flag	No flag	Set by EPD/EMS
Carbofuran	µg/L	20	40	Final PDWS (EPA, 1993a)
Carbon-14	pCi/L	1E+03	2E+03	Interim Final PDWS (EPA, 1977)
Carbonate		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 PDWS (EPA, 1993a)
Cerium-141[c]	pCi/L	1.5E+02	3E+02	Interim Final PDWS (EPA, 1977)
Cerium-144	pCi/L	1.31E+02	2.61E+02	Proposed PDWS (EPA, 1991)
Cesium-134[d]	pCi/L	4.07E+01	8.13E+01	Proposed PDWS (EPA, 1991)
Cesium-137	pCi/L	1E+02	2E+02	Interim Final PDWS (EPA, 1977)
Chlordane	µg/L	1	2	Final PDWS (EPA, 1993a)
Chloride	µg/L	125,000	250,000	SDWS (EPA, 1993b)
4-Chloroaniline	µg/L	50	100	EPA Method 8270
Chlorobenzene	µg/L	50	100	Final PDWS (EPA, 1993a)
Chlorobenzilate	µg/L	50	100	EPA Method 8270
4-Chloro-m-cresol	µg/L	50	100	EPA Method 8270
Chloroethane	µg/L	5	10	EPA Method 8240
Chloroethene (Vinyl chloride)	µg/L	1	2	Final PDWS (EPA, 1993a)
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 PDWS (EPA, 1993a)
Chloromethane (Methyl chloride)	µg/L	5	10	EPA Method 8240
2-Chloronaphthalene	µg/L	50	100	EPA Method 8240
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 PDWS (EPA, 1993a)
Chromium, dissolved	µg/L	50	100	Final PDWS (EPA, 1993a)
Chromium, total recoverable	µg/L	50	100	Final PDWS (EPA, 1993a)
Chromium-51[c]	pCi/L	3E+03	6E+03	Interim Final PDWS (EPA, 1977)
Chrysene	µg/L	0.1	0.2	Proposed PDWS (EPA, 1990)
Cobalt	µg/L	20	40	EPA Method 6010
Cobalt, dissolved	µg/L	20	40	EPA Method 6010
Cobalt, total recoverable	µg/L	20	40	EPA Method 6010
Cobalt-57	pCi/L	5E+02	1E+03	Interim Final PDWS (EPA, 1977)
Cobalt-58[d]	pCi/L	4.5E+03	9E+03	Interim Final PDWS (EPA, 1977)
Cobalt-60	pCi/L	5E+01	1E+02	Interim Final PDWS (EPA, 1977)
Color		No flag	No flag	Set by EPD/EMS
Copper	µg/L	500	1,000	Final PDWS (SCDHEC, 1981)
Copper, dissolved	µg/L	500	1,000	Final PDWS (SCDHEC, 1981)
Copper, total recoverable	µg/L	500	1,000	Final PDWS (SCDHEC, 1981)
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 PDWS (EPA, 1991)
Curium-243	pCi/L	4.15E+00	8.3E+00	Proposed PDWS (EPA, 1991)
Curium-243/244[e]	pCi/L	4.15E+00	8.3E+00	Proposed PDWS (EPA, 1991)
Curium-244	pCi/L	4.92E+00	9.84E+00	Proposed PDWS (EPA, 1991)
Curium-245/246[e]	pCi/L	3.12E+00	6.23E+00	Proposed PDWS (EPA, 1991)

Analyte	Unit	Flag 1	Flag 2	Source[a]
Curium-246	pCi/L	3.14E+00	6.27E+00	Proposed PDWS (EPA, 1991)
Cyanide	µg/L	100	200	Final PDWS (EPA, 1993a)
Dalapon[b]	µg/L	100	200	Final PDWS (EPA, 1993a)
p,p'-DDD	µg/L	0.5	1	EPA Method 8080
p,p'-DDE	µg/L	0.5	1	EPA Method 8080
p,p'-DDT	µg/L	0.5	1	EPA Method 8080
Diallate	µg/L	50	100	EPA Method 8270
Dibenz[*a,h*]anthracene	µg/L	0.15	0.3	Proposed PDWS (EPA, 1990)
Dibenzofuran	µg/L	50	100	EPA Method 8270
Dibromochloromethane	µg/L	50	100	Final PDWS (EPA, 1993a)
1,2-Dibromo-3-chloropropane	µg/L	0.1	0.2	Final PDWS (EPA, 1993a)
1,2-Dibromoethane	µg/L	0.025	0.05	Final PDWS (EPA, 1993a)
Dibromomethane (Methylene bromide)	µg/L	5	10	EPA Method 8240
Di-n-butyl phthalate		No flag	No flag	Set by EPD/EMS
1,2-Dichlorobenzene	µg/L	300	600	Final PDWS (EPA, 1993a)
1,3-Dichlorobenzene	µg/L	50	100	EPA Method 8270
1,4-Dichlorobenzene	µg/L	37.5	75	Final PDWS (EPA, 1993a)
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 PDWS (EPA, 1993a)
1,1-Dichloroethylene	µg/L	3.5	7	Final PDWS (EPA, 1993a)
1,2-Dichloroethylene	µg/L	25	50	Final PDWS (EPA, 1993a)
cis-1,2-Dichloroethylene	µg/L	35	70	Final PDWS (EPA, 1993a)
trans-1,2-Dichloroethylene	µg/L	50	100	Final PDWS (EPA, 1993a)
Dichloromethane (Methylene chloride)	µg/L	2.5	5	Final PDWS (EPA, 1993a)
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 PDWS (EPA, 1993a)
1,2-Dichloropropane	µg/L	2.5	5	Final PDWS (EPA, 1993a)
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
Di(2-ethylhexyl) adipate	µg/L	200	400	Final PDWS (EPA, 1993a)
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
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
Di-n-octyl phthalate		No flag	No flag	Set by EPD/EMS
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
Diquat dibromide[b]	µg/L	10	20	Final PDWS (EPA, 1993a)

Analyte	Unit	Flag 1	Flag 2	Source[a]
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
Endosulfan I	µg/L	0.5	1	EPA Method 8080
Endosulfan II	µg/L	0.5	1	EPA Method 8080
Endosulfan sulfate	µg/L	0.5	1	EPA Method 8080
Endothall[b]	µg/L	50	100	Final PDWS (EPA, 1993a)
Endrin	µg/L	1	2	Final PDWS (EPA, 1993a)
Endrin aldehyde	µg/L	0.5	1	EPA Method 8080
Endrin ketone		No flag	No flag	Set by EPD/EMS
Ethylbenzene	µg/L	350	700	Final PDWS (EPA, 1993a)
Ethyl methacrylate	µg/L	50	100	EPA Method 8270
Ethyl methanesulfonate	µg/L	50	100	EPA Method 8270
Europium-152	pCi/L	3E+01	6E+01	Interim Final PDWS (EPA, 1977)
Europium-154	pCi/L	1E+02	2E+02	Interim Final PDWS (EPA, 1977)
Europium-155	pCi/L	3E+02	6E+02	Interim Final PDWS (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 PDWS (EPA, 1993a)
Glyphosate[b]	µg/L	350	700	Final PDWS (EPA, 1993a)
Gross alpha	pCi/L	7.5E+00	1.5E+01	Final PDWS (EPA, 1993a)
Heptachlor	µg/L	0.2	0.4	Final PDWS (EPA, 1993a)
Heptachlor epoxide	µg/L	0.1	0.2	Final PDWS (EPA, 1993a)
Heptachlorodibenzo-p-dioxin isomers	µg/L	0.00325	0.0065	EPA Method 8280
1,2,3,4,6,7,8-HPCDD	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-HPCDF	µg/L	0.00225	0.0045	EPA Method 8280
Hexachlorobenzene	µg/L	0.5	1	Final PDWS (EPA, 1993a)
Hexachlorobutadiene	µg/L	50	100	EPA Method 8270
Hexachlorocyclopentadiene	µg/L	25	50	Final PDWS (EPA, 1993a)
Hexachlorodibenzo-p-dioxin isomers	µg/L	0.00225	0.0045	EPA Method 8280
1,2,3,4,7,8-HXCDD	µg/L	0.00225	0.0045	EPA Method 8280
Hexachlorodibenzo-p-furan isomers	µg/L	0.002	0.004	EPA Method 8280
1,2,3,4,7,8-HXCDF	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	50	100	EPA Method 8240
Indeno[1,2,3-*c,d*]pyrene	µg/L	50	100	EPA Method 8270
Iodine	µg/L	250	500	APHA Method 415A
Iodine-129	pCi/L	5E-01	1E+00	Interim Final PDWS (EPA, 1977)
Iodine-131[c]	pCi/L	1.5E+00	3E+00	Interim Final PDWS (EPA, 1977)
Iodomethane (Methyl iodide)	µg/L	75	150	EPA Method 8240
Iron	µg/L	150	300	SDWS (EPA, 1993b)
Iron, dissolved	µg/L	150	300	SDWS (EPA, 1993b)
Iron, total recoverable	µg/L	150	300	SDWS (EPA, 1993b)
Iron-55[c]	pCi/L	1E+03	2E+03	Interim Final PDWS (EPA, 1977)
Iron-59[c]	pCi/L	1E+02	2E+02	Interim Final PDWS (EPA, 1977)
Isobutyl alcohol	µg/L	500	1,000	EPA Method 8240
Isodrin	µg/L	50	100	EPA Method 8270

Analyte	Unit	Flag 1	Flag 2	Source[a]
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[c]	pCi/L	3E+01	6E+01	Interim Final PDWS (EPA, 1977)
Lead	µg/L	25	50	Final PDWS (SCDHEC, 1981)
Lead, dissolved	µg/L	25	50	Final PDWS (SCDHEC, 1981)
Lead, total recoverable	µg/L	25	50	Final PDWS (SCDHEC, 1981)
Lead-212	pCi/L	6.2E+01	1.23E+02	Proposed PDWS (EPA, 1991)
Lindane	µg/L	0.1	0.2	Final PDWS (EPA, 1993a)
Lithium	µg/L	25	50	EPA Method 6010
Lithium, dissolved	µg/L	25	50	EPA Method 6010
Lithium, total recoverable	µg/L	25	50	EPA Method 6010
Magnesium		No flag	No flag	Set by EPD/EMS
Magnesium, dissolved		No flag	No flag	Set by EPD/EMS
Magnesium, total recoverable		No flag	No flag	Set by EPD/EMS
Manganese	µg/L	25	50	SDWS (EPA, 1993b)
Manganese, dissolved	µg/L	25	50	SDWS (EPA, 1993b)
Manganese, total recoverable	µg/L	25	50	SDWS (EPA, 1993b)
Manganese-54	pCi/L	1.5E+02	3E+02	Interim Final PDWS (EPA, 1977)
Mercury	µg/L	1	2	Final PDWS (EPA, 1993a)
Mercury, dissolved	µg/L	1	2	Final PDWS (EPA, 1993a)
Mercury, total recoverable	µg/L	1	2	Final PDWS (EPA, 1993a)
Methacrylonitrile	µg/L	250	500	EPA Method 8240
Methapyrilene	µg/L	50	100	EPA Method 8270
Methoxychlor	µg/L	20	40	Final PDWS (EPA, 1993a)
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
Molybdenum, dissolved	µg/L	250	500	EPA Method 6010
Molybdenum, total recoverable	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 PDWS (EPA, 1991)
Nickel	µg/L	50	100	Final PDWS (EPA, 1993a)
Nickel, dissolved	µg/L	50	100	Final PDWS (EPA, 1993a)
Nickel, total recoverable	µg/L	50	100	Final PDWS (EPA, 1993a)
Nickel-59[c]	pCi/L	1.5E+02	3E+02	Interim Final PDWS (EPA, 1977)
Nickel-63[c]	pCi/L	2.5E+01	5E+01	Interim Final PDWS (EPA, 1977)
Niobium-95[c]	pCi/L	1.5E+02	3.E+02	Interim Final PDWS (EPA, 1977)
Nitrate as nitrogen	µg/L	5,000	10,000	Final PDWS (EPA, 1993a)
Nitrate-nitrite as nitrogen	µg/L	5,000	10,000	Final PDWS (EPA, 1993a)
Nitrite as nitrogen	µg/L	500	1,000	Final PDWS (EPA, 1993a)
m-Nitroaniline	µg/L	50	100	EPA Method 8270
o-Nitroaniline	µg/L	50	100	EPA Method 8270
p-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

Analyte	Unit	Flag 1	Flag 2	Source[a]
4-Nitrophenol	µg/L	50	100	EPA Method 8270
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-Nitrosodipropylamine	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	Interim Final PDWS (EPA, 1977)
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
Oxamyl[b]	µg/L	100	200	Final PDWS (EPA, 1993a)
Parathion	µg/L	0.25	0.5	EPA Method 8080
Parathion methyl	µg/L	0.25	0.5	EPA Method 8080
PCB 1016	µg/L	0.25	0.5	Final PDWS (EPA, 1993a)
PCB 1221	µg/L	0.25	0.5	Final PDWS (EPA, 1993a)
PCB 1232	µg/L	0.25	0.5	Final PDWS (EPA, 1993a)
PCB 1242	µg/L	0.25	0.5	Final PDWS (EPA, 1993a)
PCB 1248	µg/L	0.25	0.5	Final PDWS (EPA, 1993a)
PCB 1254	µg/L	0.25	0.5	Final PDWS (EPA, 1993a)
PCB 1260	µg/L	0.25	0.5	Final PDWS (EPA, 1993a)
PCB 1262	µg/L	0.25	0.5	Final PDWS (EPA, 1993a)
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-PCDD	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-PCDF	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 PDWS (EPA, 1993a)
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 420.1
p-Phenylenediamine	µg/L	50	100	EPA Method 8270
Phorate	µg/L	0.5	1	EPA Method 8080
Picloram[b]	µg/L	250	500	Final PDWS (EPA, 1993a)
2-Picoline	µg/L	50	100	EPA Method 8270
Plutonium-238	pCi/L	3.51E+00	7.02E+00	Proposed PDWS (EPA, 1991)
Plutonium-239	pCi/L	3.11E+01	6.21E+01	Proposed PDWS (EPA, 1991)
Plutonium-239/240[e]	pCi/L	3.11E+01	6.21E+01	Proposed PDWS (EPA, 1991)
Plutonium-240	pCi/L	3.11E+01	6.22E+01	Proposed PDWS (EPA, 1991)
Plutonium-241[c]	pCi/L	3.13E+01	6.26E+01	Proposed PDWS (EPA, 1991)

Analyte	Unit	Flag 1	Flag 2	Source[a]
Plutonium-242[c]	pCi/L	3.27E+01	6.54E+01	Proposed PDWS (EPA, 1991)
Potassium		No flag	No flag	Set by EPD/EMS
Potassium, dissolved		No flag	No flag	Set by EPD/EMS
Potassium, total recoverable		No flag	No flag	Set by EPD/EMS
Potassium-40	pCi/L	1.5E+02	3E+02	Proposed PDWS (EPA, 1986)
Promethium-144	pCi/L	5E+01	1E+02	EPA Method 901.1
Promethium-146	pCi/L	5E+01	1E+02	EPA Method 901.1
Promethium-147	pCi/L	2.62E+03	5.24E+03	Proposed PDWS (EPA, 1991)
Pronamid	µg/L	50	100	EPA Method 8270
Propionitrile	µg/L	1,000	2,000	EPA Method 8240
Pyrene	µg/L	50	100	EPA Method 8270
Pyridine	µg/L	50	100	EPA Method 8270
Radium (alpha-emitting)[f]	pCi/L	1E+01	2E+01	Proposed PDWS (EPA, 1991)
Radium-226	pCi/L	1E+01	2E+01	Proposed PDWS (EPA, 1991)
Radium-228	pCi/L	1E+01	2E+01	Proposed PDWS (EPA, 1991)
Radon-222	pCi/L	1.5E+02	3E+02	Proposed PDWS (EPA, 1991)
Ruthenium-103[c]	pCi/L	1E+02	2E+02	Interim Final PDWS (EPA, 1977)
Ruthenium-106	pCi/L	1.5E+01	3E+01	Interim Final PDWS (EPA, 1977)
Safrole	µg/L	50	100	EPA Method 8270
Selenium	µg/L	25	50	Final PDWS (EPA, 1993a)
Selenium, dissolved	µg/L	25	50	Final PDWS (EPA, 1993a)
Selenium, total recoverable	µg/L	25	50	Final PDWS (EPA, 1993a)
Silica		No flag	No flag	Set by EPD/EMS
Silica, dissolved		No flag	No flag	Set by EPD/EMS
Silica, total recoverable		No flag	No flag	Set by EPD/EMS
Silver	µg/L	50	100	SDWS (EPA, 1993b)
Silver, dissolved	µg/L	50	100	SDWS (EPA, 1993b)
Silver, total recoverable	µg/L	50	100	SDWS (EPA, 1993b)
Simazine[b]	µg/L	2	4	Final PDWS (EPA, 1993a)
Sodium		No flag	No flag	Set by EPD/EMS
Sodium, dissolved		No flag	No flag	Set by EPD/EMS
Sodium, total recoverable		No flag	No flag	Set by EPD/EMS
Sodium-22	pCi/L	2.33E+02	4.66E+02	Proposed PDWS (EPA, 1991)
Specific conductance	µS/cm	250	500	Set by EPD/EMS
Strontium-89	pCi/L	1E+01	2E+01	Interim Final PDWS (EPA, 1977)
Strontium-89/90[e]	pCi/L	4E+00	8E+00	Final PDWS (EPA, 1993a)
Strontium-90	pCi/L	4E+00	8E+00	Final PDWS (EPA, 1993a)
Styrene	µg/L	50	100	Final PDWS (EPA, 1993a)
Sulfate	µg/L	200,000	400,000	Proposed PDWS (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	0.000015	0.00003	Final PDWS (EPA, 1993a)
2,3,7,8-TCDF	µg/L	0.002	0.004	EPA Method 8280
Technetium-99	pCi/L	4.5E+02	9E+02	Interim Final PDWS (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 PDWS (EPA, 1993a)
2,3,4,6-Tetrachlorophenol	µg/L	50	100	EPA Method 8270
Thallium	µg/L	1	2	Final PDWS (EPA, 1993a)

Analyte	Unit	Flag 1	Flag 2	Source[a]
Thallium, dissolved	µg/L	1	2	Final PDWS (EPA, 1993a)
Thallium, total recoverable	µg/L	1	2	Final PDWS (EPA, 1993a)
Thionazin	µg/L	50	100	EPA Method 8270
Thorium-228	pCi/L	6.25E+01	1.25E+02	Proposed PDWS (EPA, 1991)
Thorium-230	pCi/L	3.96E+01	7.92E+01	Proposed PDWS (EPA, 1991)
Thorium-232	pCi/L	4.4E+01	8.8E+01	Proposed PDWS (EPA, 1991)
Thorium-234	pCi/L	2E+02	4.01E+02	Proposed PDWS (EPA, 1991)
Tin	µg/L	10	20	EPA Method 282.2
Tin, dissolved	µg/L	10	20	EPA Method 282.2
Tin, total recoverable	µg/L	10	20	EPA Method 282.2
Tin-113[c]	pCi/L	1.5E+02	3E+02	Interim Final PDWS (EPA, 1977)
Toluene	µg/L	500	1,000	Final PDWS (EPA, 1993a)
o-Toluidine	µg/L	50	100	EPA Method 8270
Total carbon	µg/L	5,000	10,000	EPA Method 9060
Total coliform		0	0	Final PDWS (EPA, 1993a)
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	APHA 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
Toxaphene	µg/L	1.5	3	Final PDWS (EPA, 1993a)
2,4,5-TP (Silvex)	µg/L	25	50	Final PDWS (EPA, 1993a)
Tributyl phosphate	µg/L	50	100	EPA Method 8270
1,2,4-Trichlorobenzene	µg/L	35	70	Final PDWS (EPA, 1993a)
1,1,1-Trichloroethane	µg/L	100	200	Final PDWS (EPA, 1993a)
1,1,2-Trichloroethane	µg/L	2.5	5	Final PDWS (EPA, 1993a)
Trichloroethylene	µg/L	2.5	5	Final PDWS (EPA, 1993a)
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 PDWS (EPA, 1993a)
Turbidity[g]		No flag	No flag	Set by EPD/EMS
Uranium	µg/L	10	20	Proposed PDWS (EPA, 1991)
Uranium, dissolved	µg/L	10	20	Proposed PDWS (EPA, 1991)
Uranium, total recoverable	µg/L	10	20	Proposed PDWS (EPA, 1991)
Uranium alpha activity	pCi/L	1.5E+01	3E+01	Proposed PDWS (EPA, 1991)
Uranium-233/234[e]	pCi/L	6.9E+00	1.38E+01	Proposed PDWS (EPA, 1991)
Uranium-234	pCi/L	6.95E+00	1.39E+01	Proposed PDWS (EPA, 1991)
Uranium-235	pCi/L	7.25E+00	1.45E+01	Proposed PDWS (EPA, 1991)
Uranium-238	pCi/L	7.3E+00	1.46E+01	Proposed PDWS (EPA, 1991)
Vanadium	µg/L	40	80	EPA Method 6010
Vanadium, dissolved	µg/L	40	80	EPA Method 6010
Vanadium, total recoverable	µg/L	40	80	EPA Method 6010
Vinyl acetate	µg/L	5	10	EPA Method 8240

Analyte	Unit	Flag 1	Flag 2	Source[a]
Xylenes	µg/L	5,000	10,000	Final PDWS (EPA, 1993a)
Yttrium-88	pCi/L	5E+01	1E+02	EPA Method 901.1
Zinc	µg/L	2,500	5,000	SDWS (EPA, 1993b)
Zinc, dissolved	µg/L	2,500	5,000	SDWS (EPA, 1993b)
Zinc, total recoverable	µg/L	2,500	5,000	SDWS (EPA, 1993b)
Zinc-65	pCi/L	1.5E+02	3E+02	Interim Final PDWS (EPA, 1977)
Zirconium-95[c]	pCi/L	1E+02	2E+02	Interim Final PDWS (EPA, 1977)
Zirconium/Niobium-95[c]	pCi/L	1E+02	2E+02	Interim Final PDWS (EPA, 1977)

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[a] References for methods are in Appendix E; references for dated sources are at the end of this appendix.
[b] EMS is currently unable to perform this analysis.
[c] EMS discontinued monitoring this radionuclide because it is inappropriate for the SRS Groundwater Monitoring Program.
[d] EPD/EMS set this flagging criterion using the 1991 proposed PDWS because the final PDWS in 1977 may have been in error.
[e] For double radionuclide analyses where each separate radionuclide has its own standard, the more stringent standard is used.
[f] The applied standard is for radium-226.
[g] The primary maximum contaminant level range for turbidity is 1–5 NTU, which is inappropriate for the SRS Groundwater Monitoring Program.

References Cited

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. *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.

EPA (U.S. Environmental Protection Agency), 1993a. *National Primary Drinking Water Regulations.* **Code of Federal Regulations**, Title 40, Part 141, pp. 592–732. Washington, DC.

EPA (U.S. Environmental Protection Agency), 1993b. *National Secondary Drinking Water Regulations.* **Code of Federal Regulations**, Title 40, Part 143, pp. 774–777. Washington, DC.

SCDHEC (South Carolina Department of Health and Environmental Control), 1981. **State Primary Drinking Water Regulations**, R.61–58.5. Columbia, SC.

Appendix C

Figures

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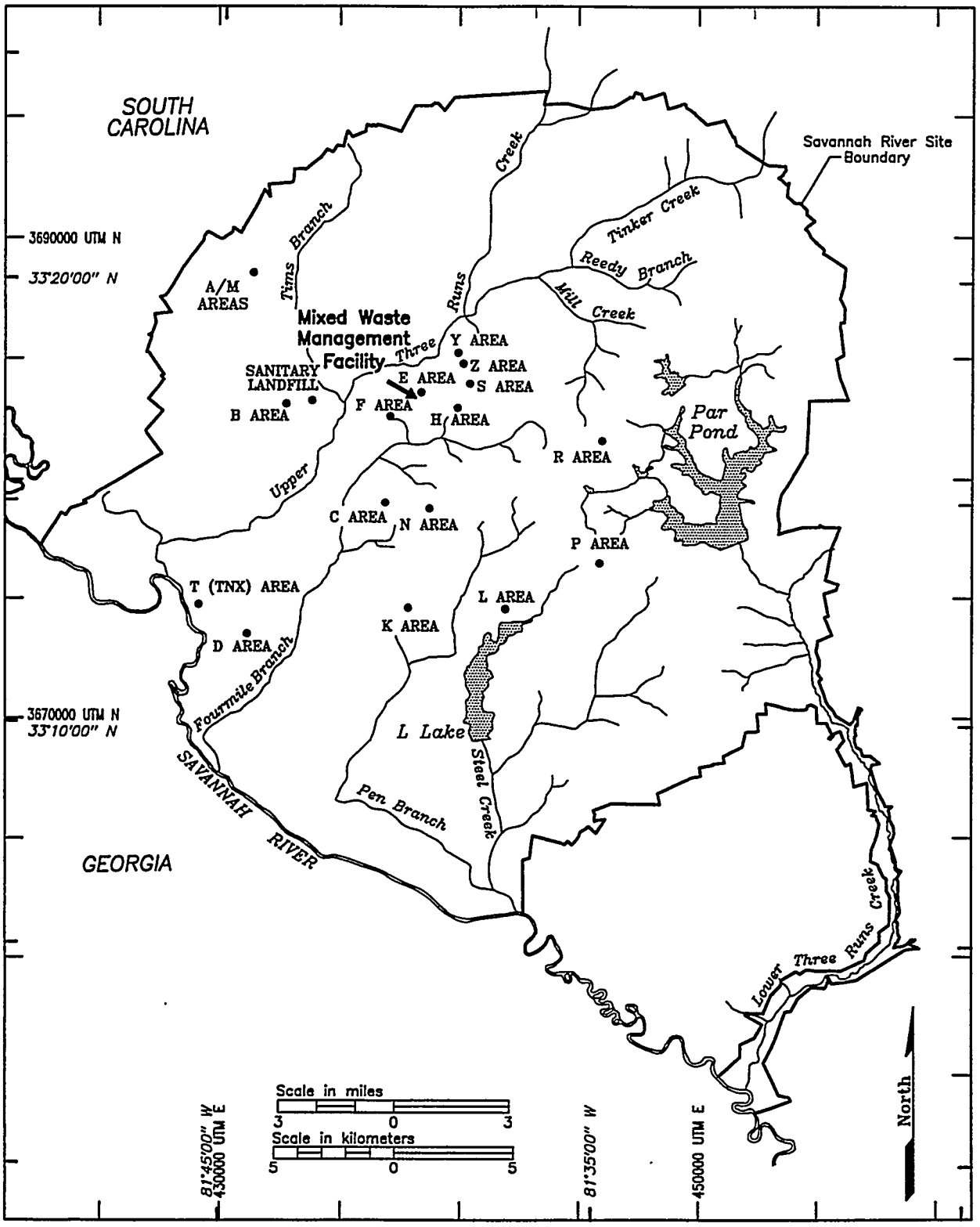


Figure 1. Location of the Mixed Waste Management Facility at the Savannah River Site

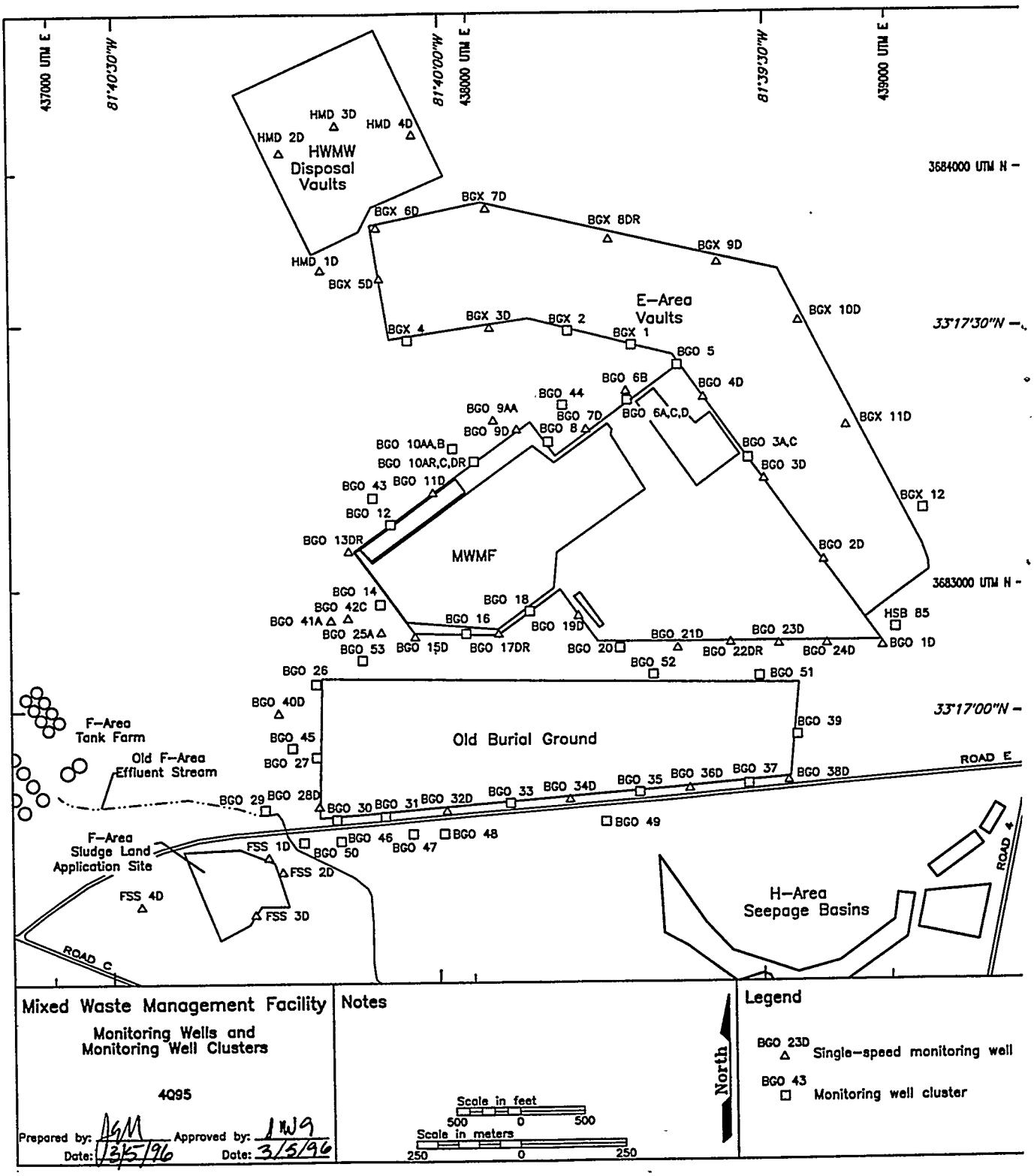


Figure 2. Location of the Groundwater Monitoring Wells at the Mixed Waste Management Facility, the Old Burial Ground, the E-Area Vaults, the Hazardous Waste/Mixed Waste Disposal Vaults (the Burial Ground Complex), and the F-Area Sewage Sludge Application Site

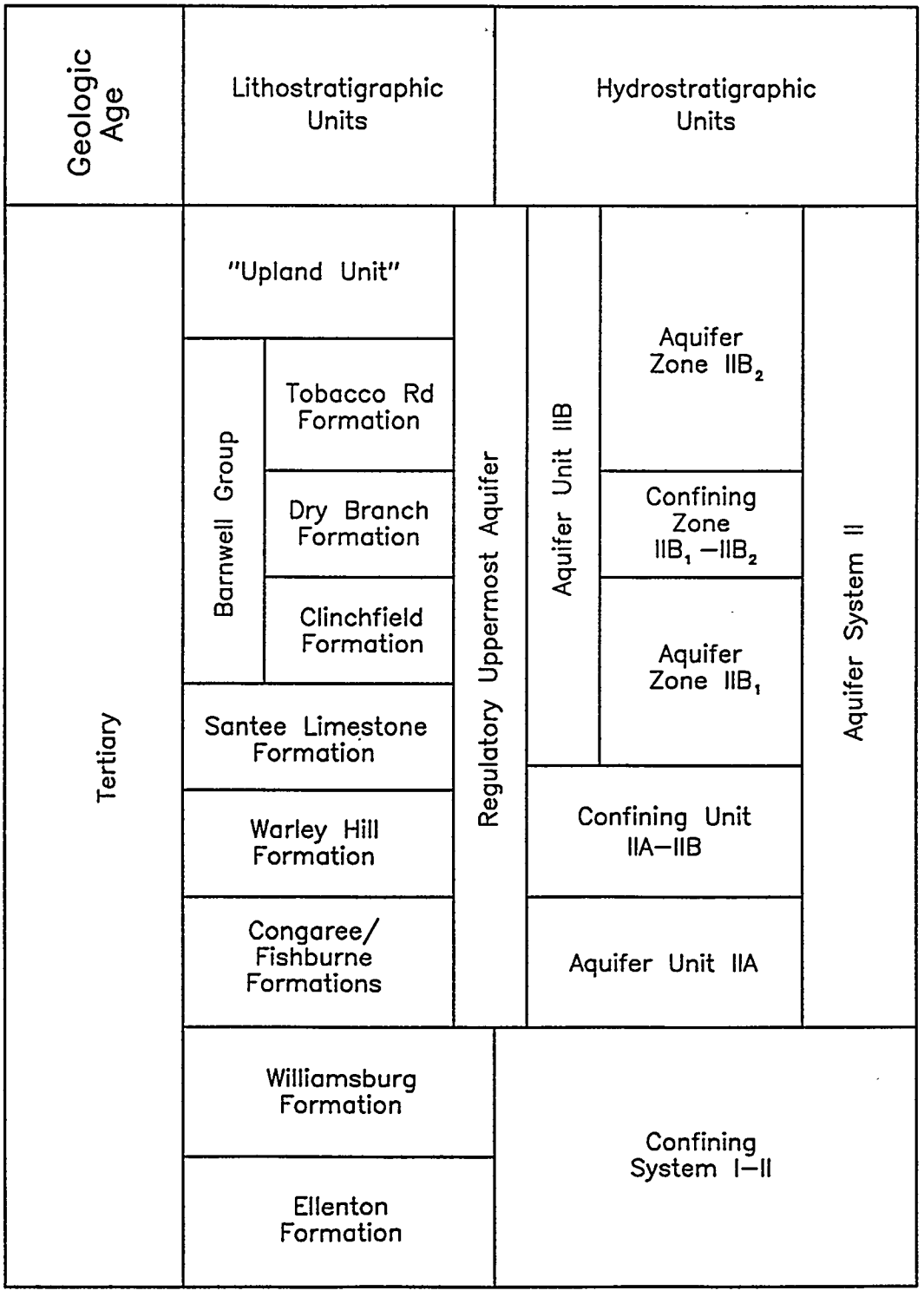


Figure 3. Hydrostratigraphic Nomenclature

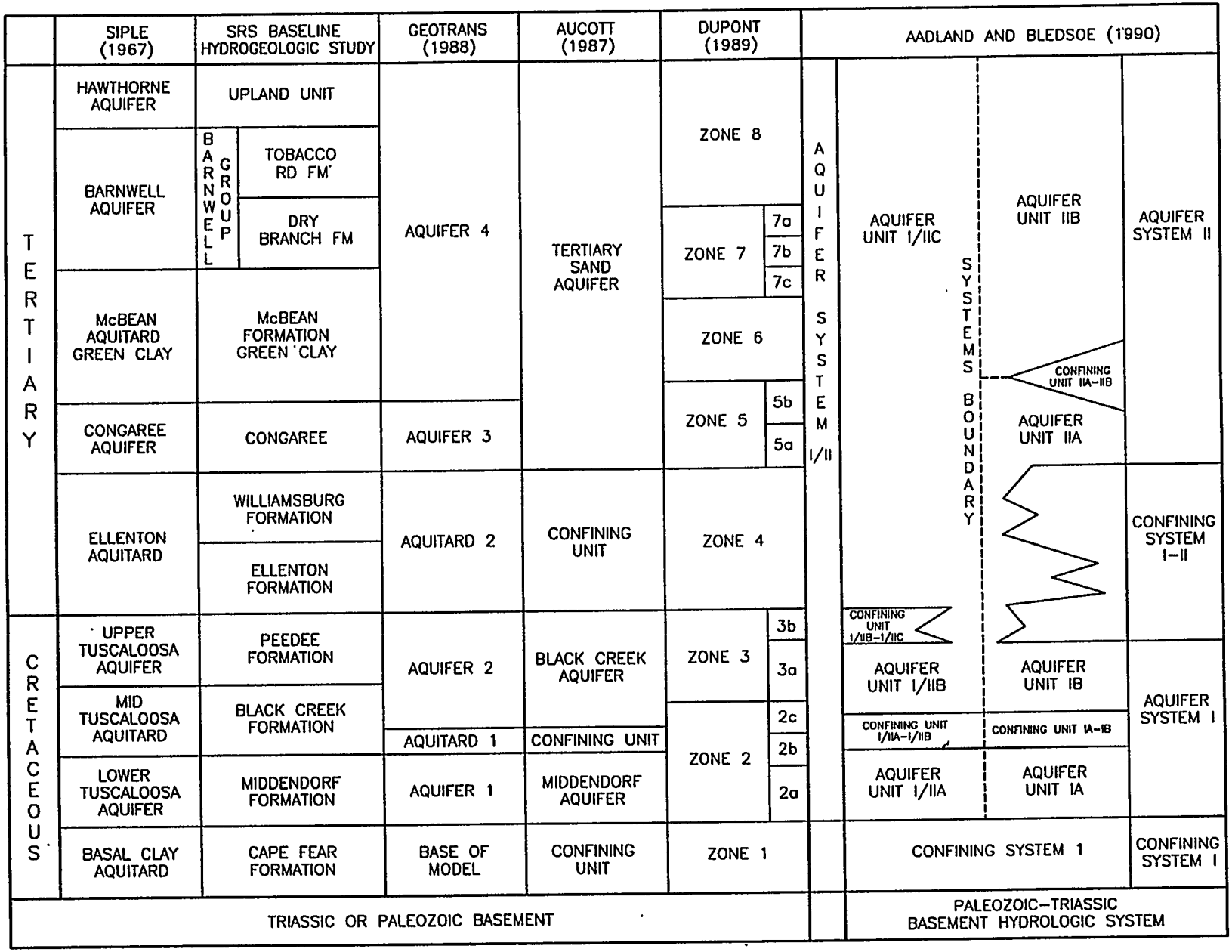


Figure 4. Regional Correlation of Hydrostratigraphic and Lithostratigraphic Nomenclature

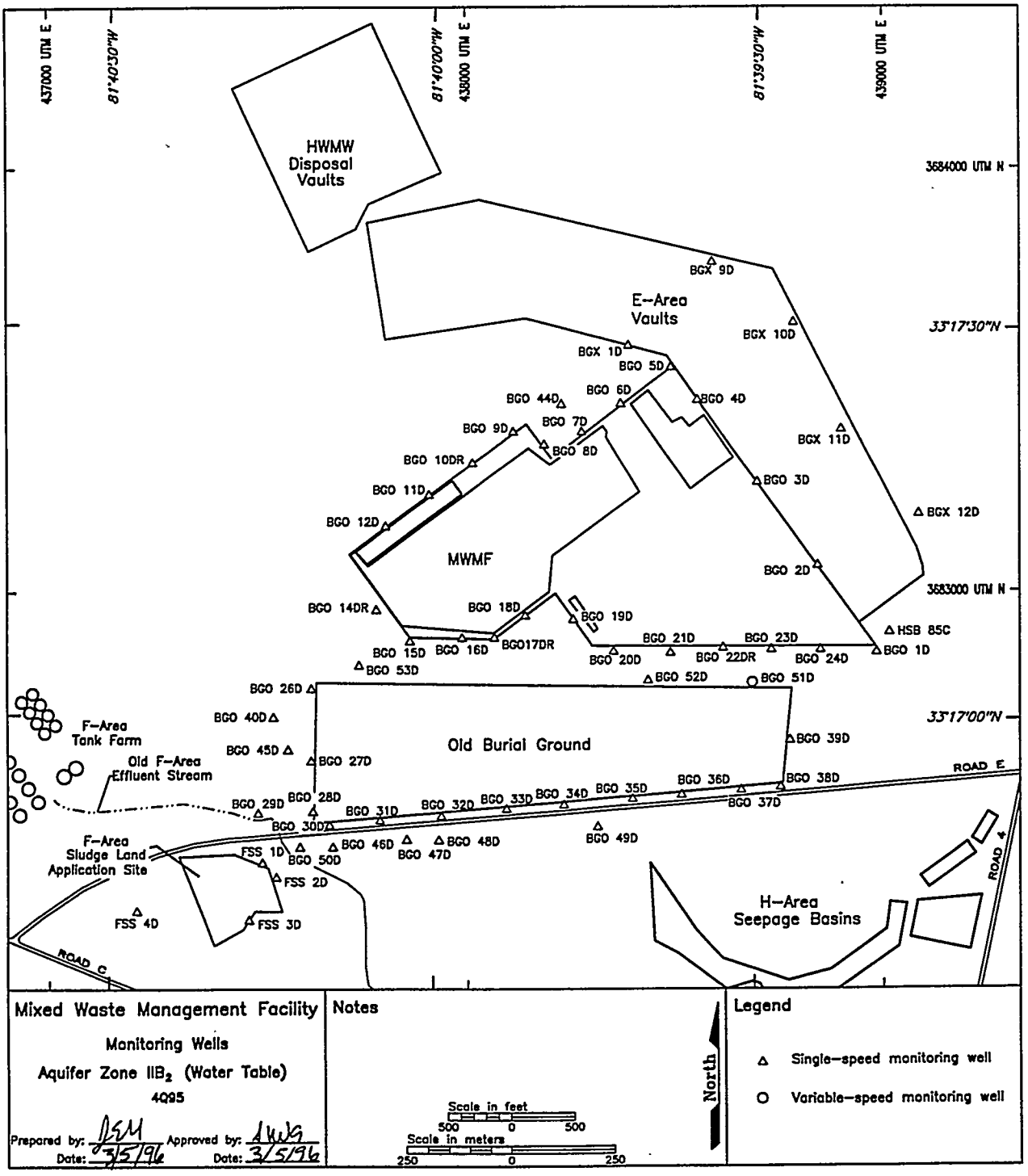
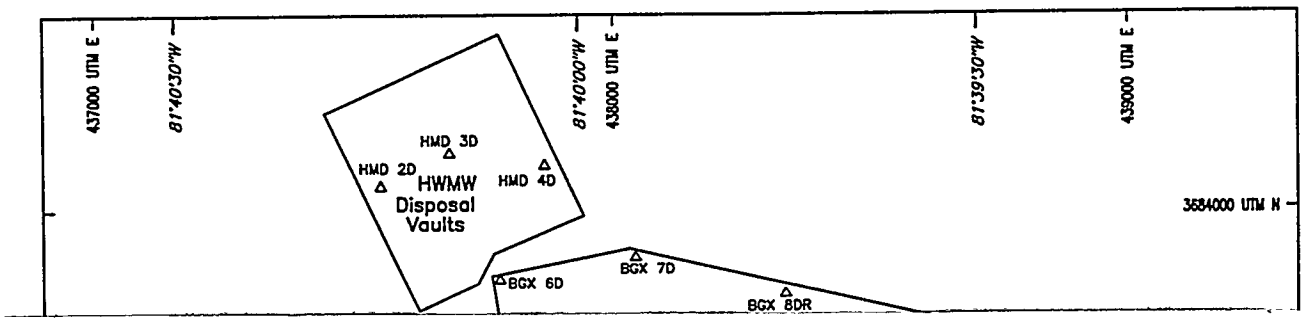
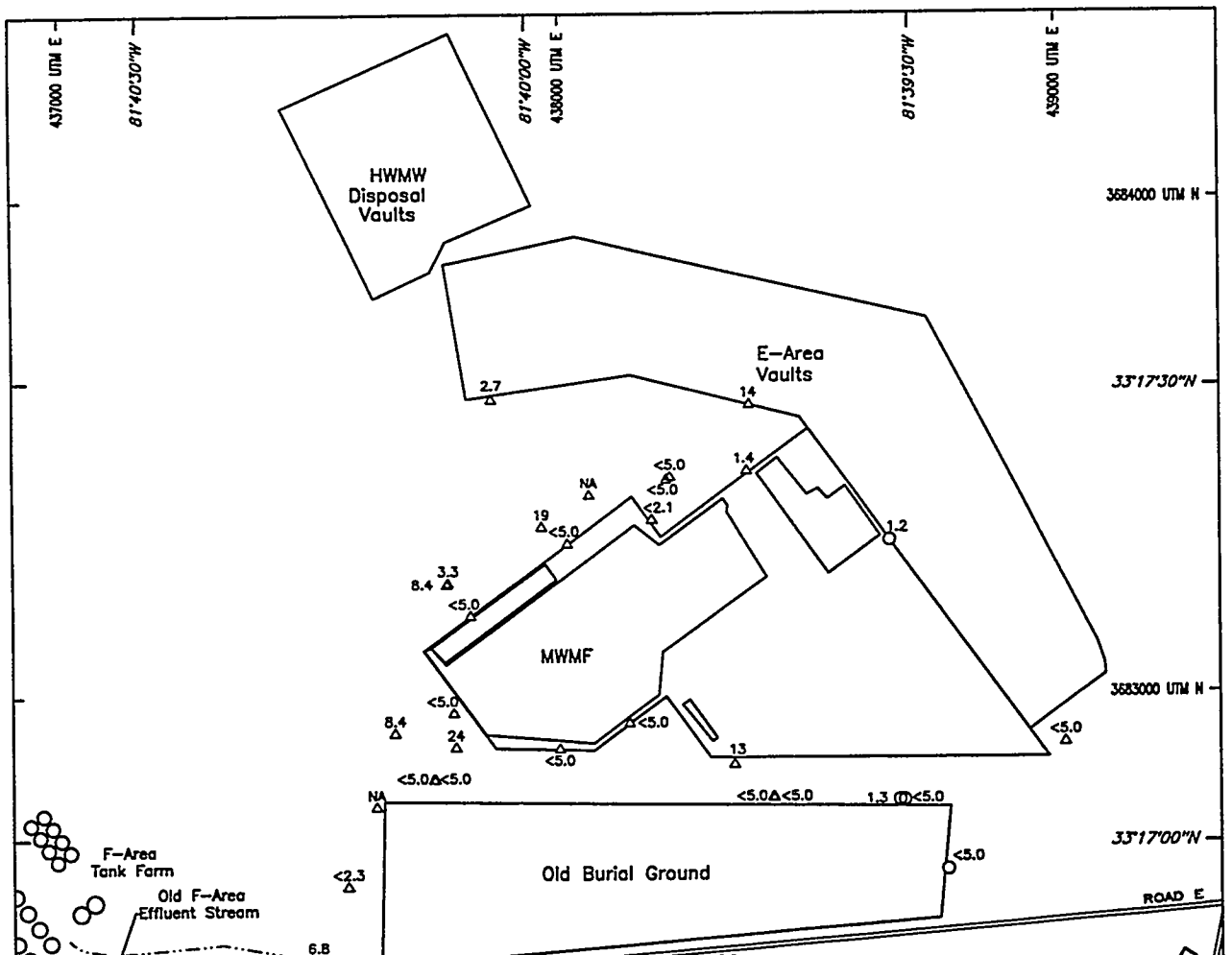


Figure 5. Location of Aquifer Zone IIB_2 (Water Table) Wells at the Burial Ground Complex



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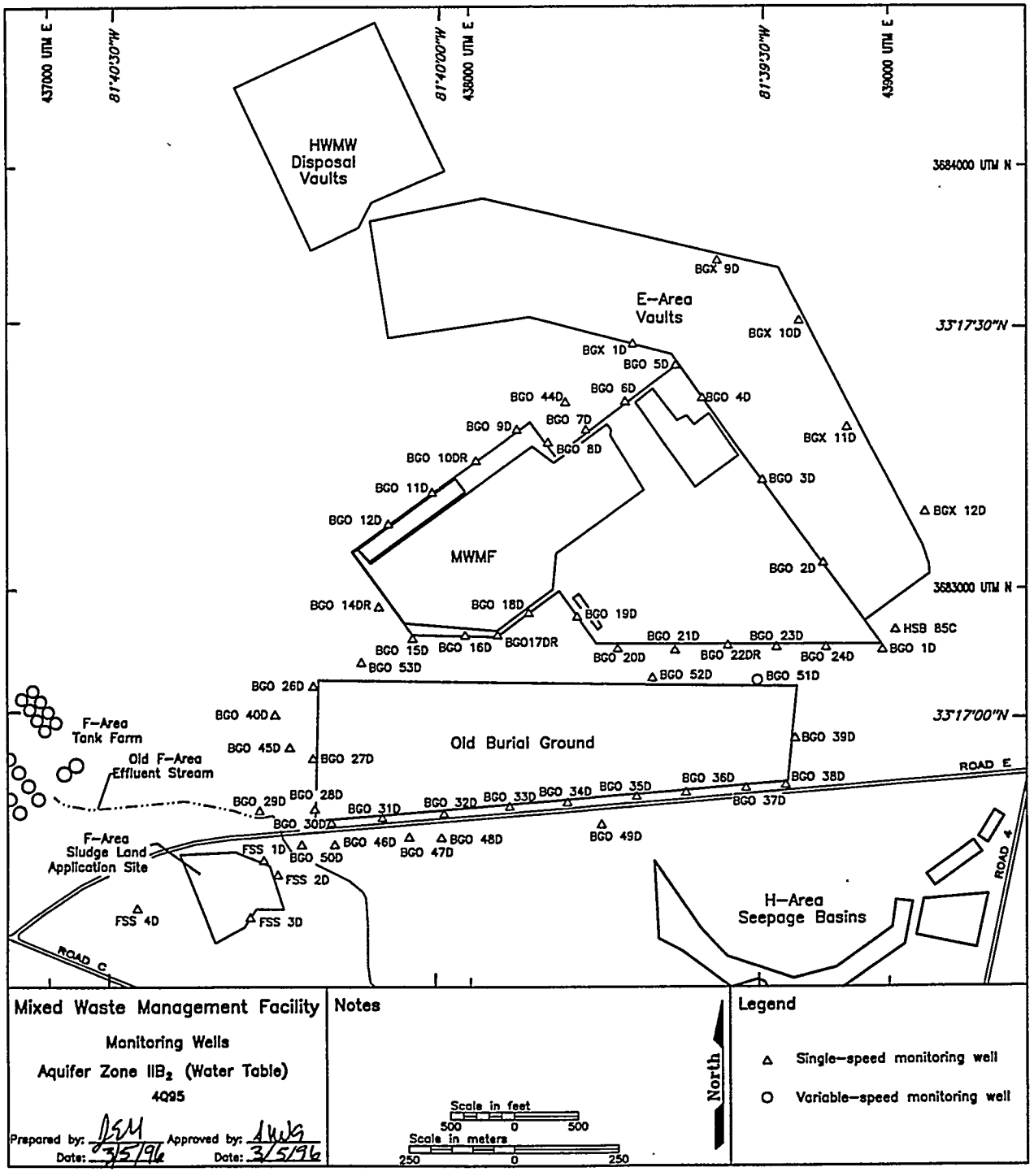


Figure 5. Location of Aquifer Zone IIB_2 (Water Table) Wells at the Burial Ground Complex

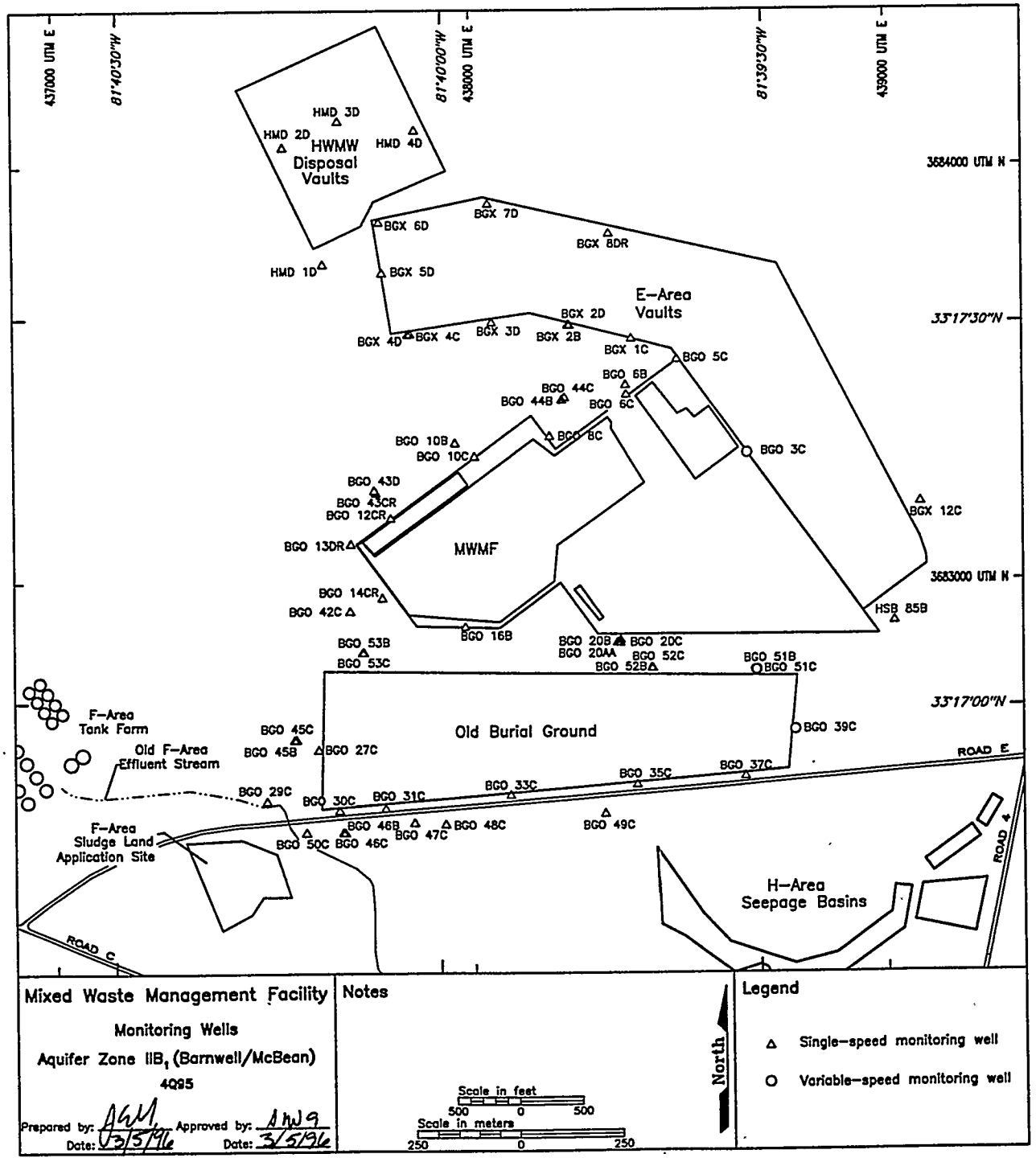


Figure 6. Location of Aquifer Zone IIB_1 (Barnwell/McBean) Wells at the Burial Ground Complex

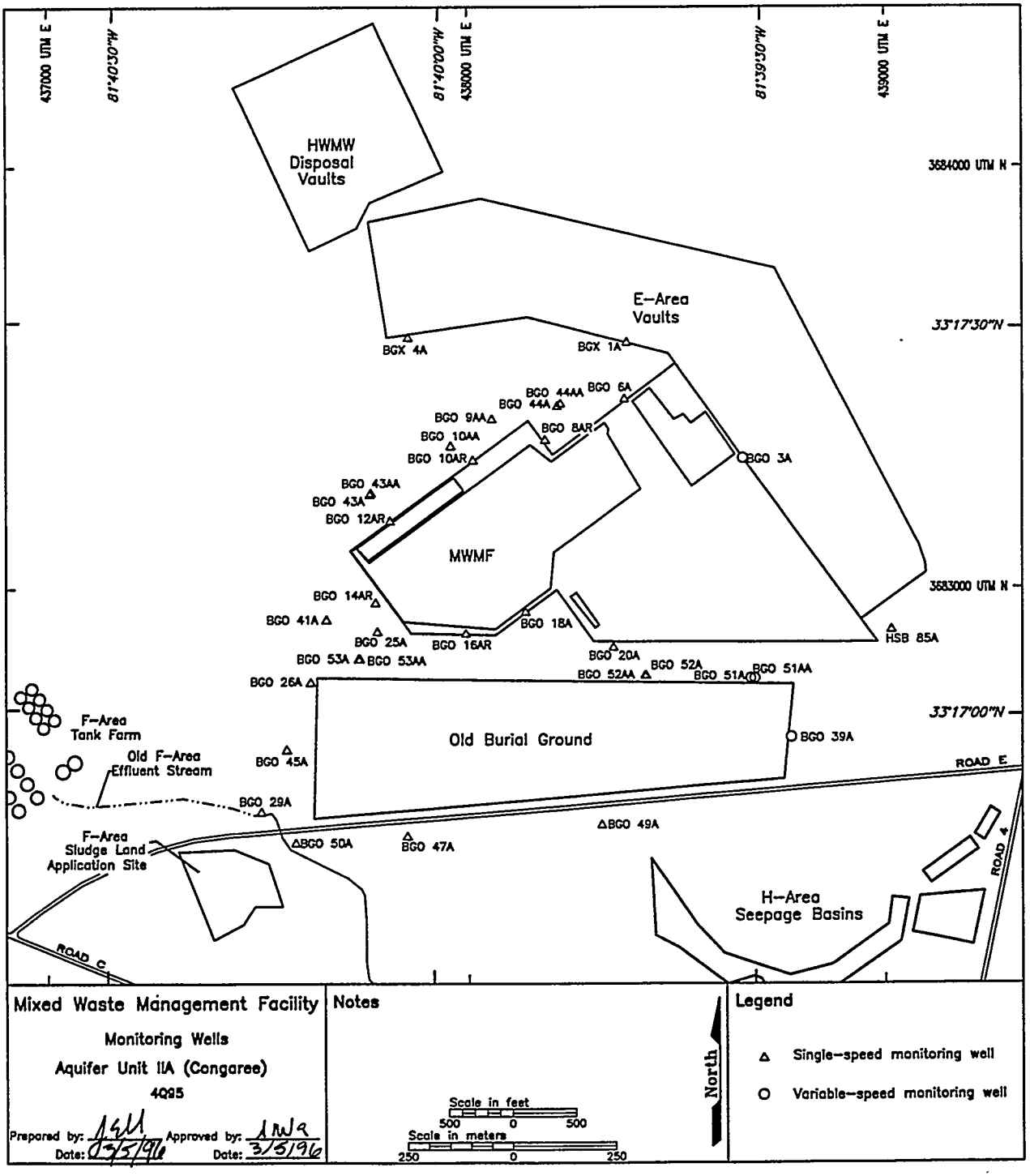


Figure 7. Location of Aquifer Unit IIA (Congaree) Wells at the Burial Ground Complex

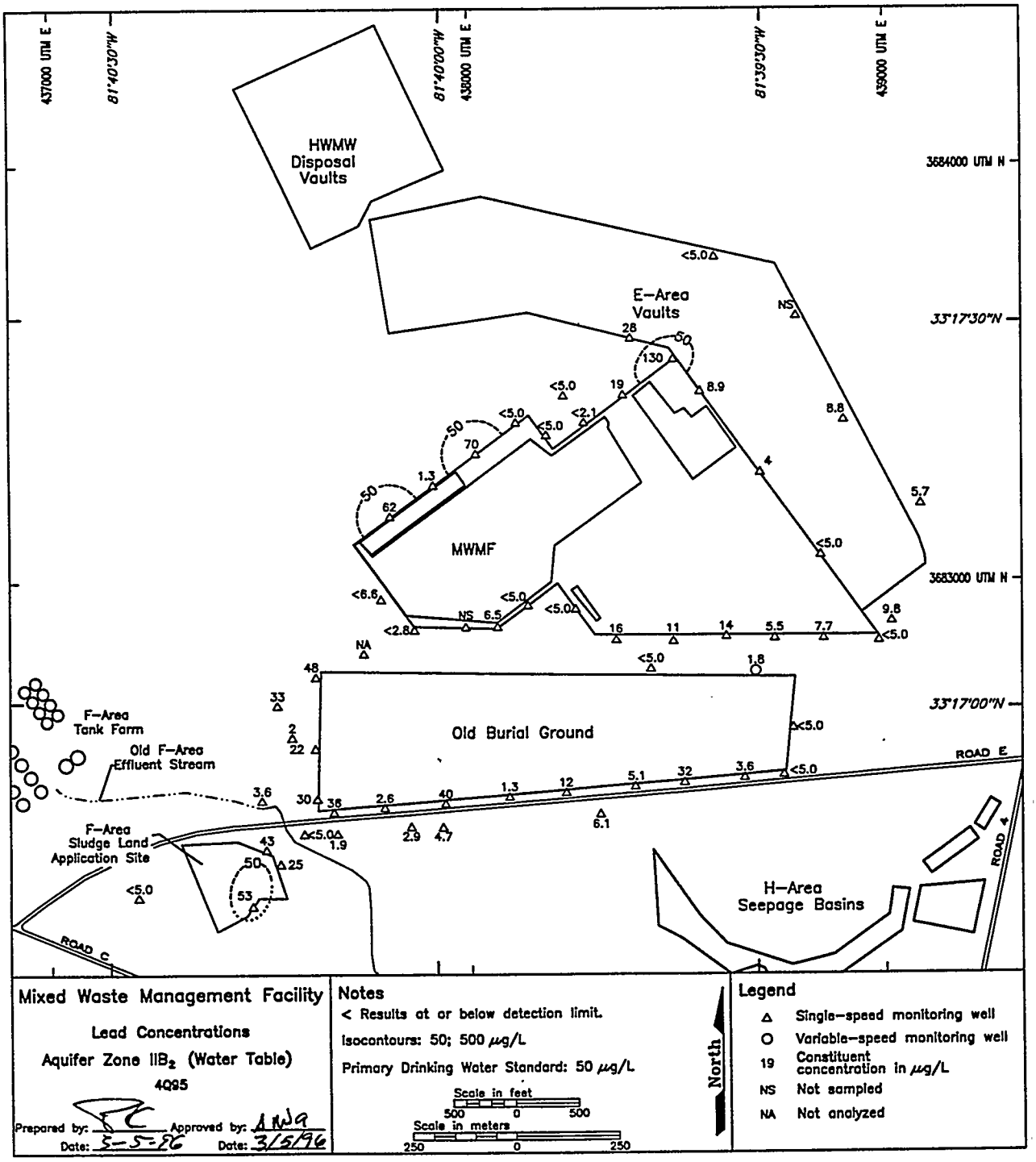


Figure 8. Lead Concentrations in Aquifer Zone IIB_2 (Water Table) at the Burial Ground Complex, Fourth Quarter 1995

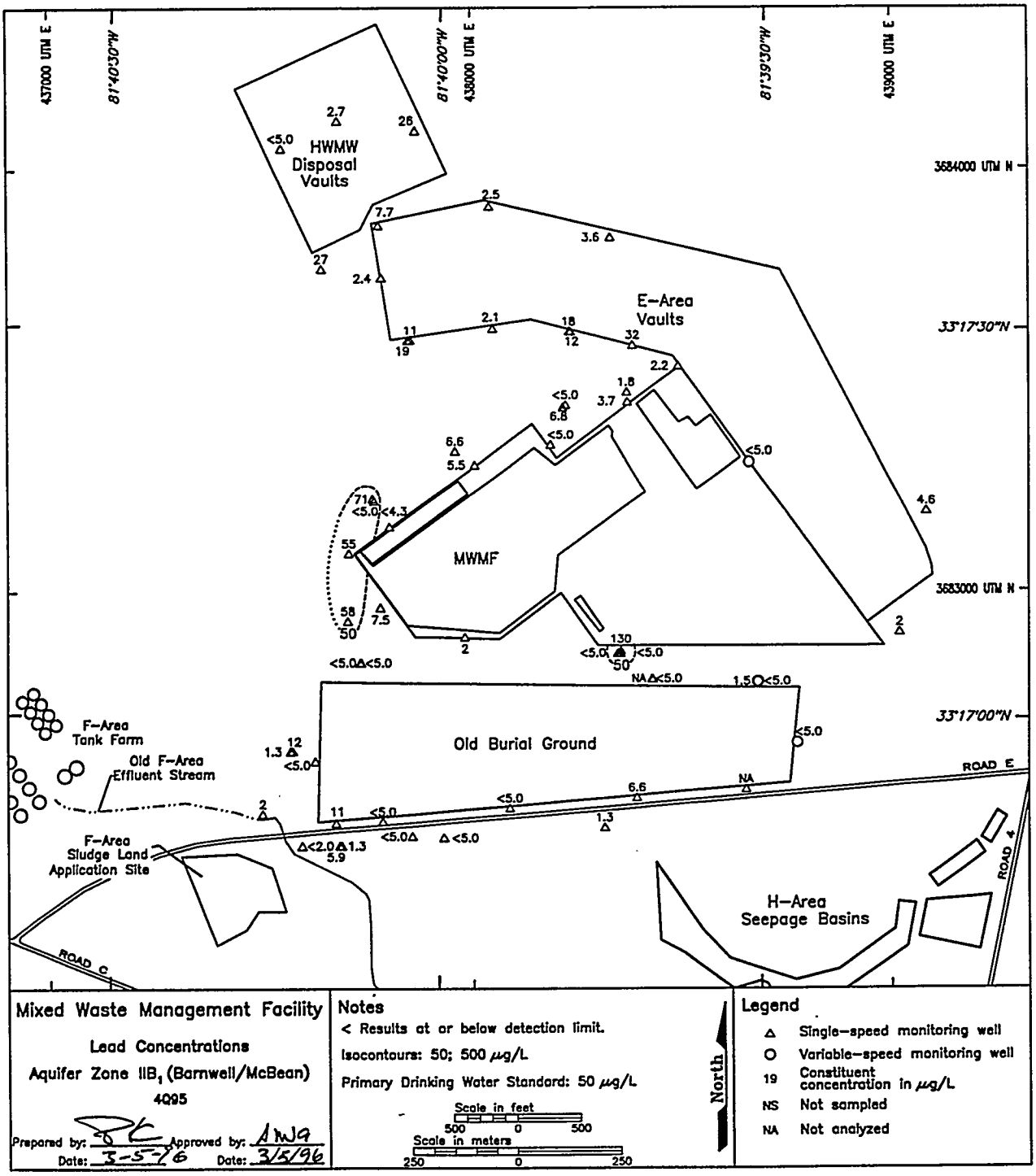


Figure 9. Lead Concentrations in Aquifer Zone IIB_1 (Barnwell/McBean) at the Burial Ground Complex, Fourth Quarter 1995

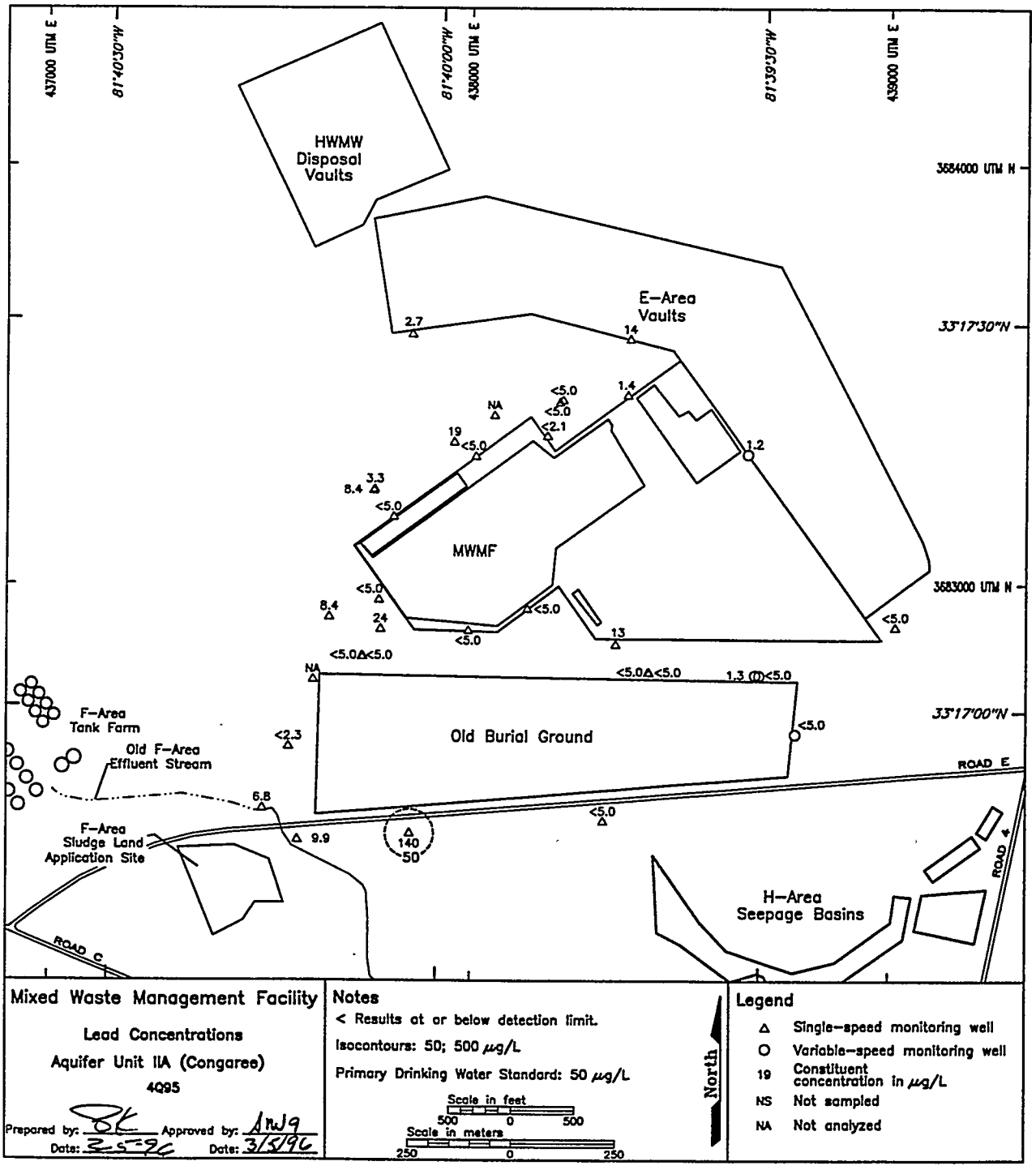


Figure 10. Lead Concentrations in Aquifer Unit IIA (Congaree) at the Burial Ground Complex, Fourth Quarter 1995

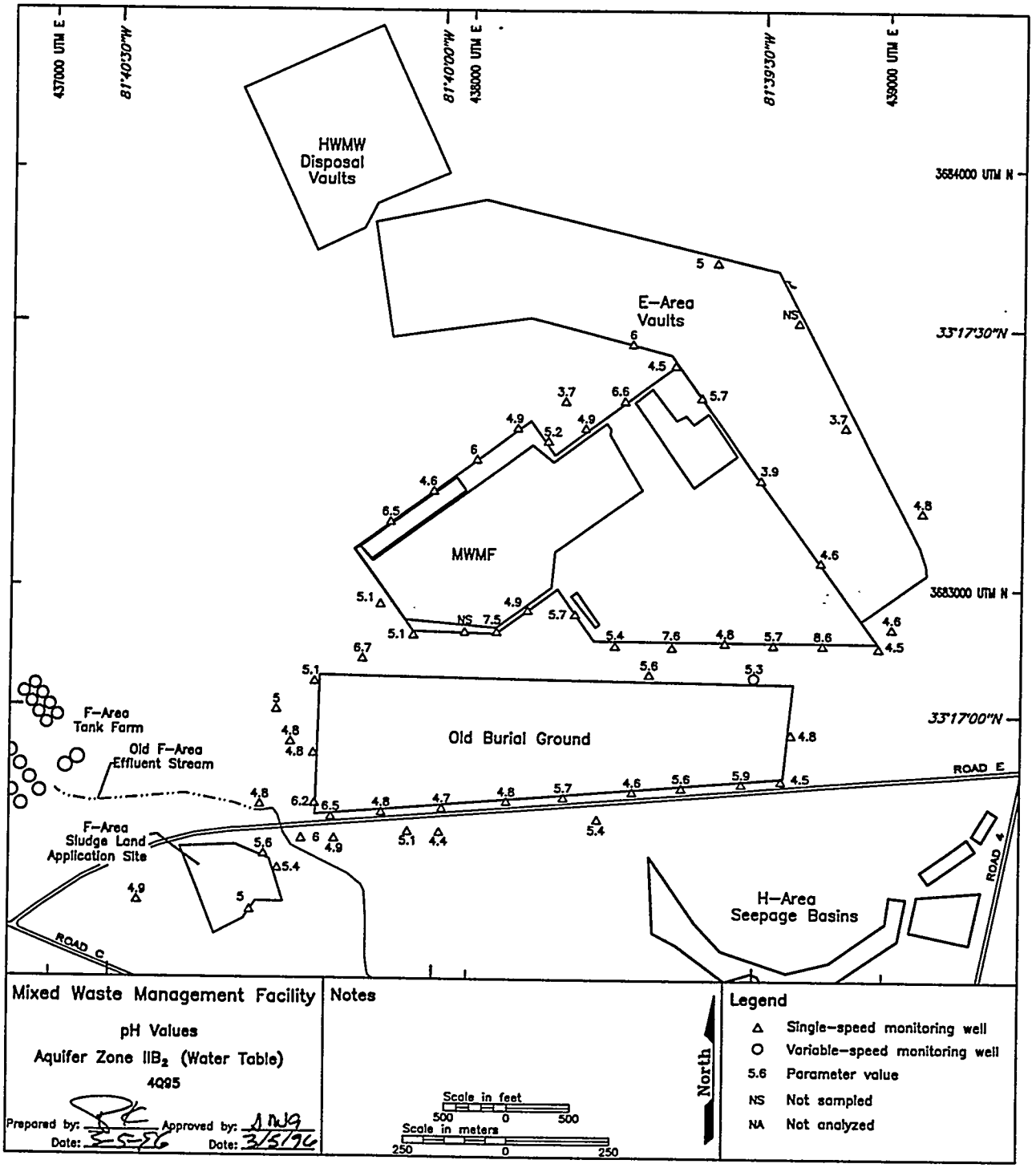


Figure 11. pH Values in Aquifer Zone IIB_2 (Water Table) at the Burial Ground Complex, Fourth Quarter 1995

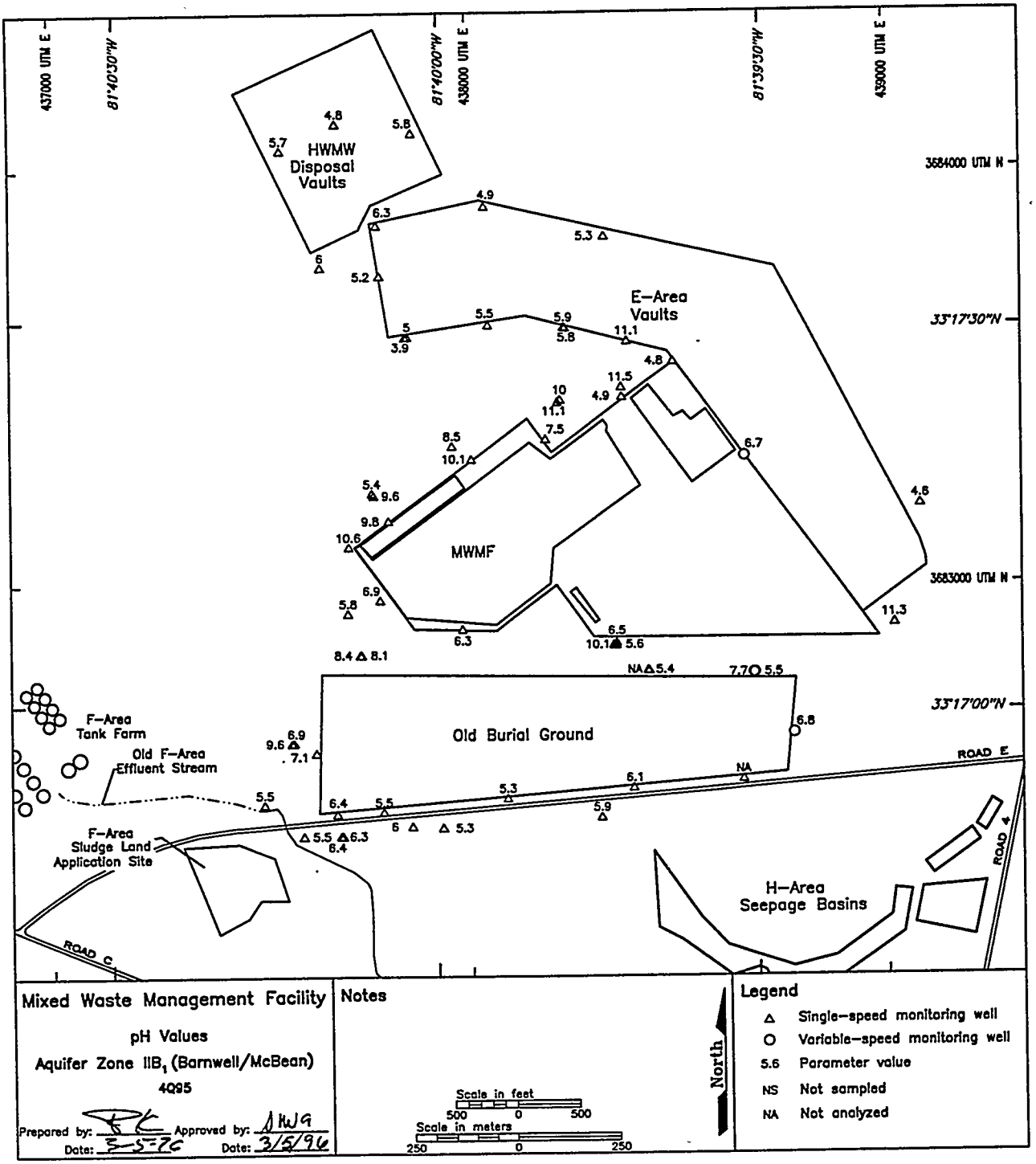


Figure 12. pH Values in Aquifer Zone IIB$_1$ (Barnwell/McBean) at the Burial Ground Complex, Fourth Quarter 1995

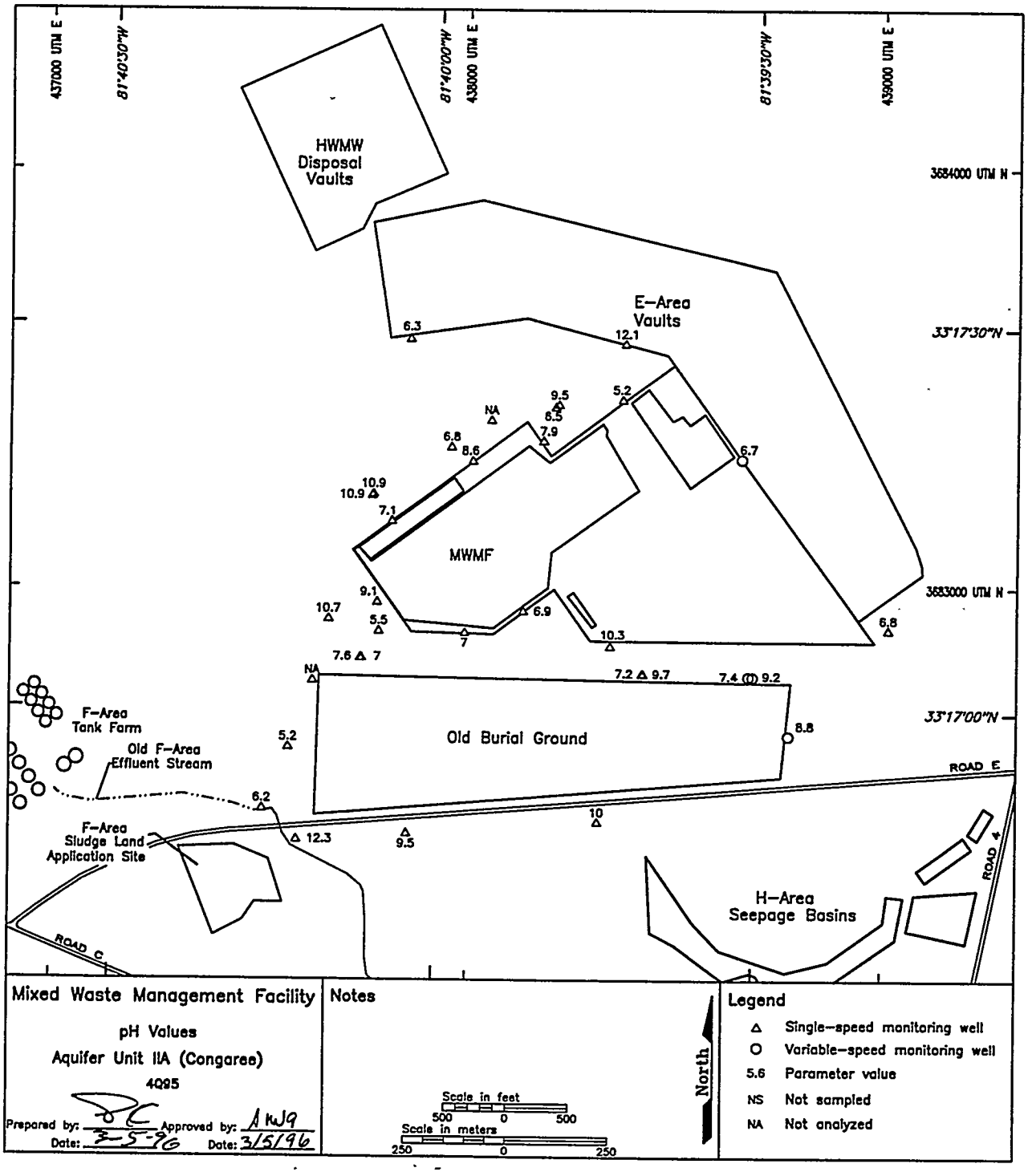


Figure 13. pH Values in Aquifer Unit IIA (Congaree) at the Burial Ground Complex, Fourth Quarter 1995

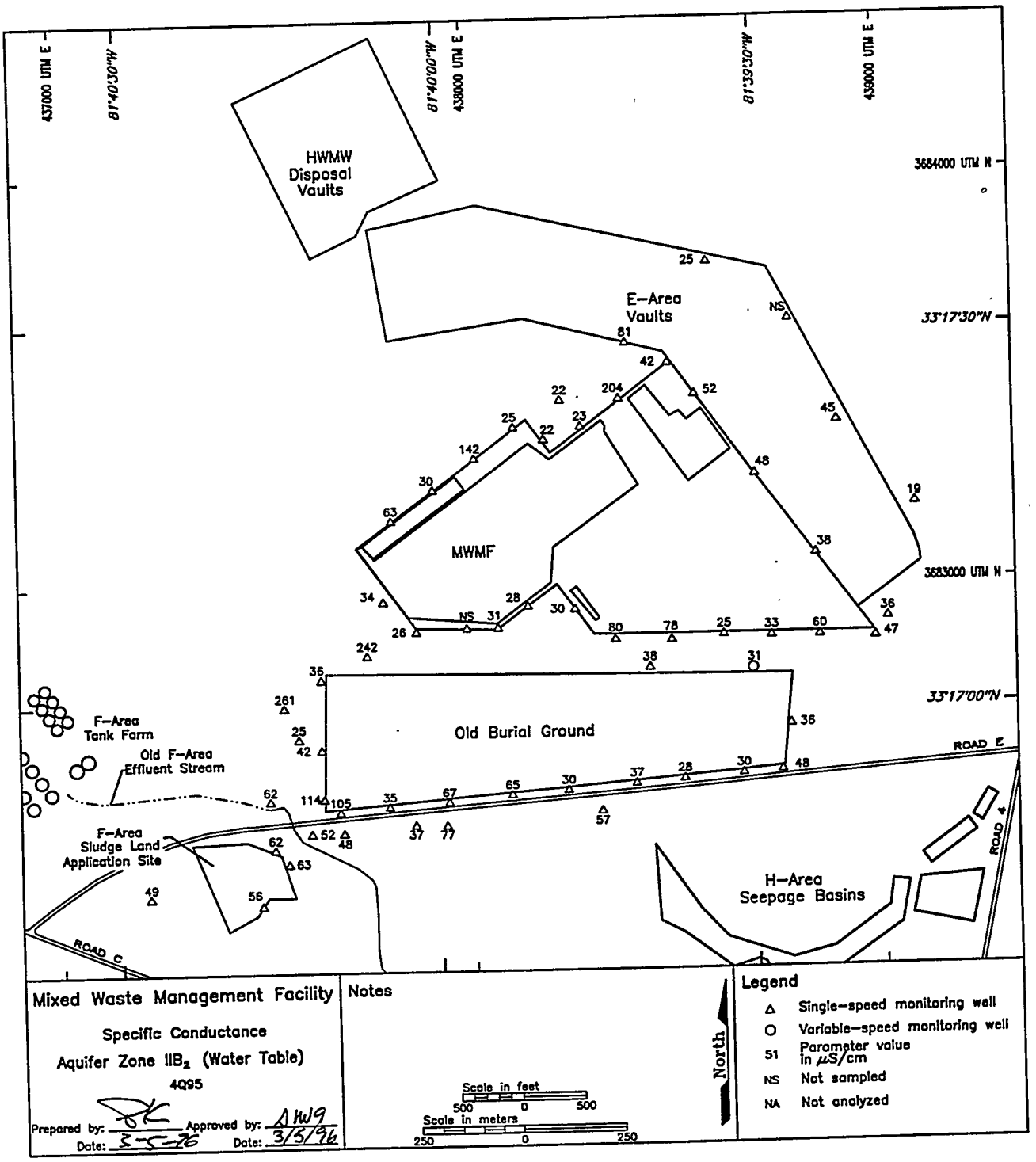


Figure 14. Specific Conductance in Aquifer Zone IIB_2 (Water Table) at the Burial Ground Complex, Fourth Quarter 1995

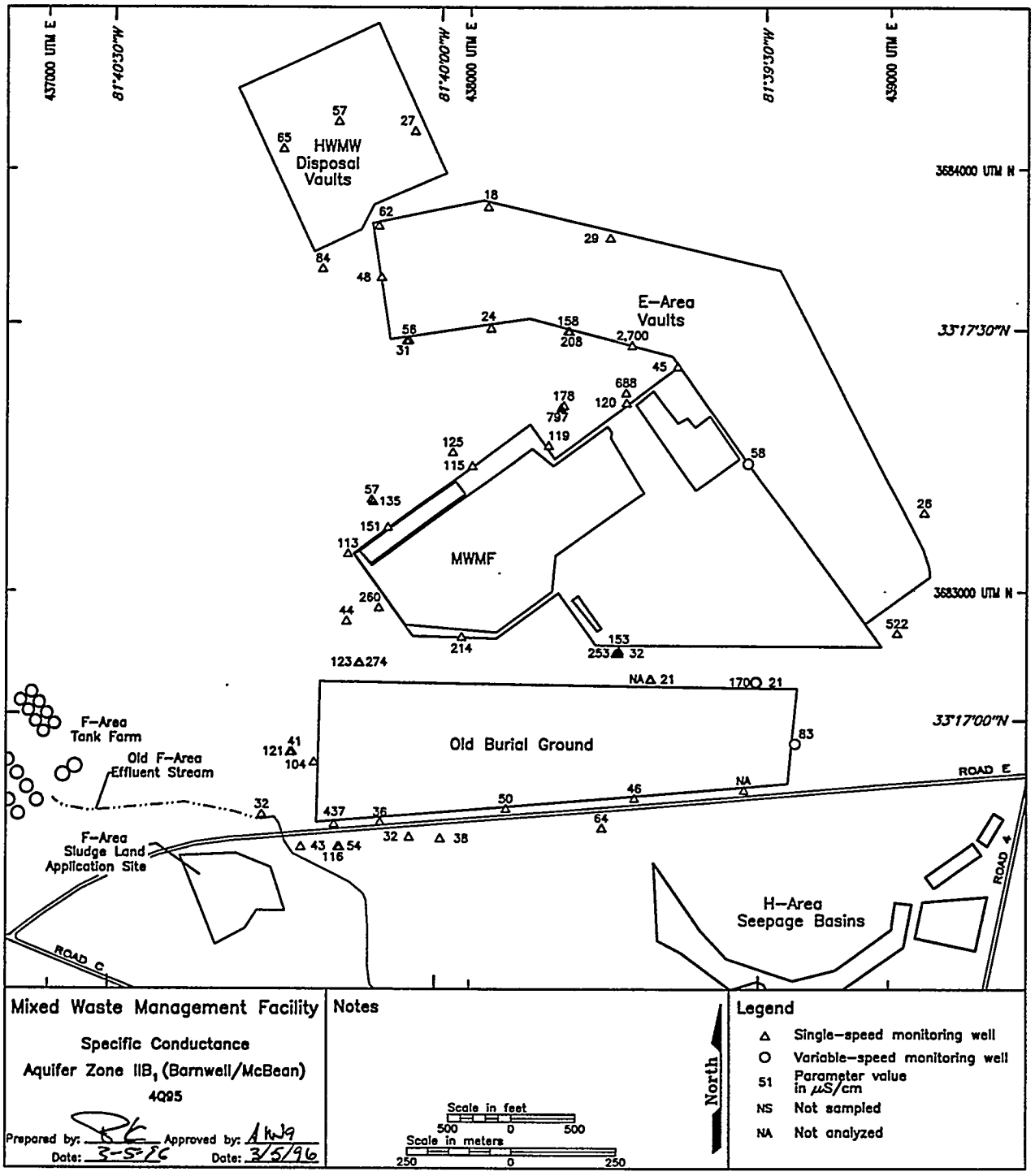


Figure 15. Specific Conductance in Aquifer Zone IIB_1 (Barnwell/McBean) at the Burial Ground Complex, Fourth Quarter 1995

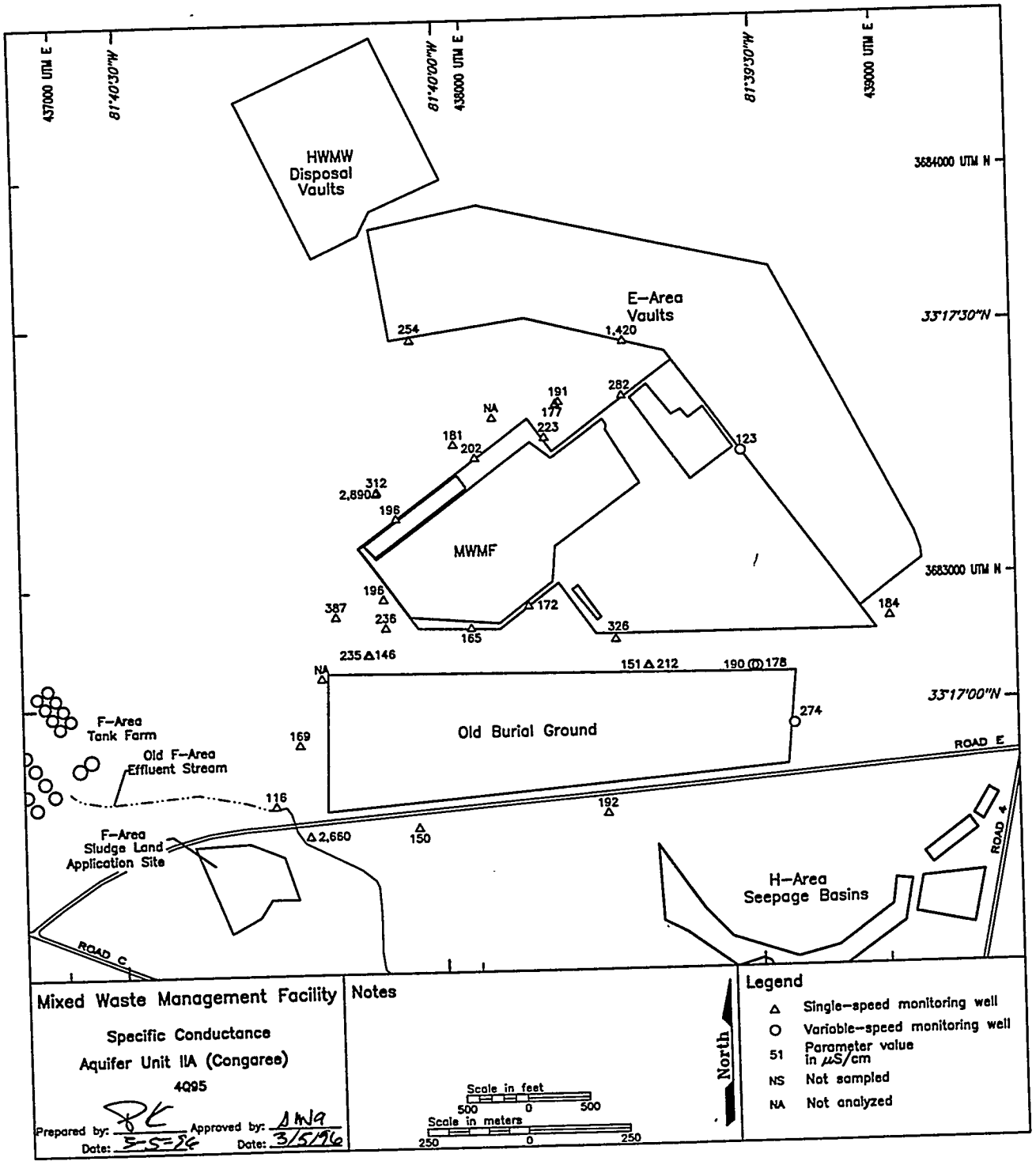


Figure 16. Specific Conductance in Aquifer Unit IIA (Congaree) at the Burial Ground Complex, Fourth Quarter 1995

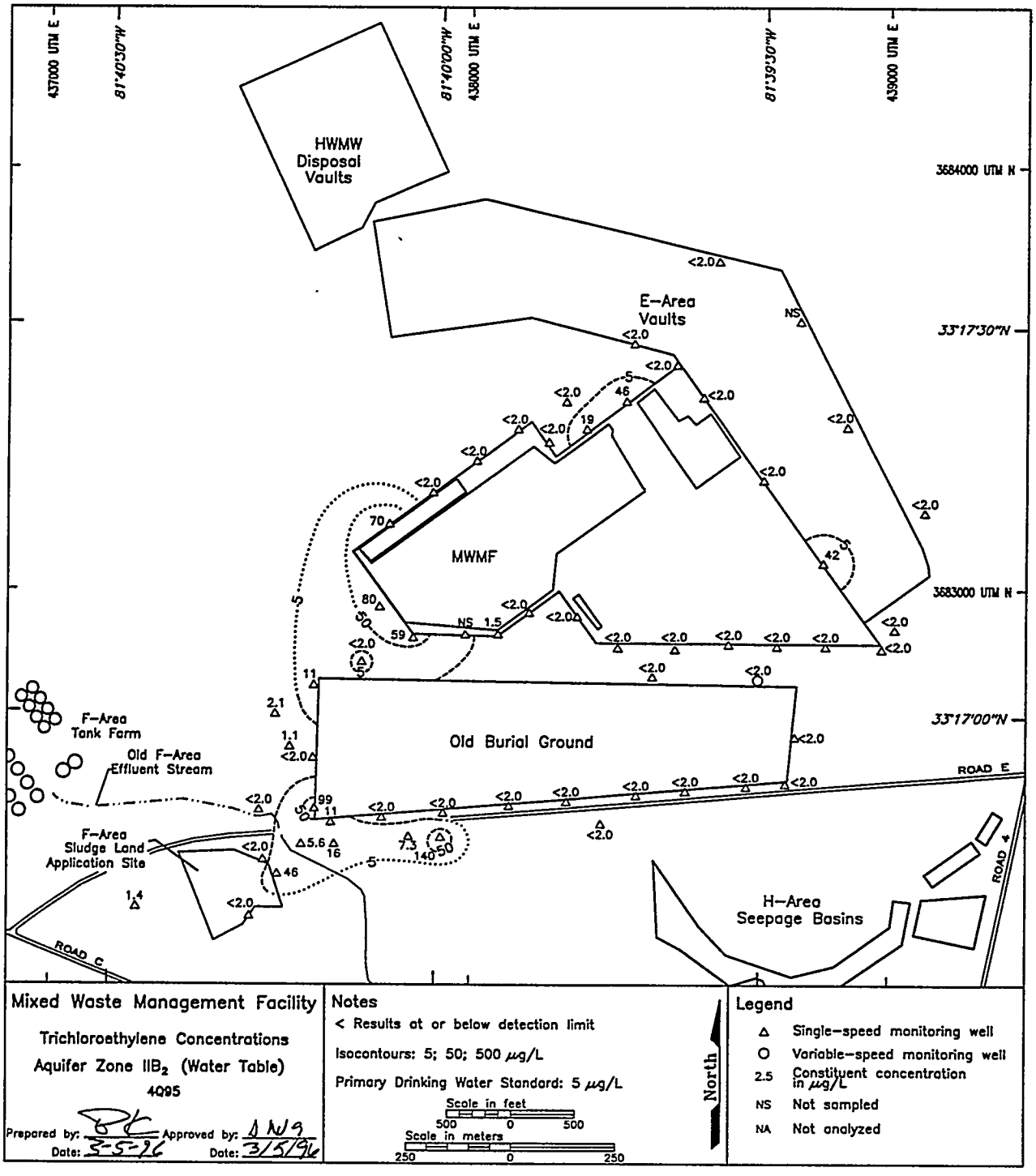


Figure 17. Trichloroethylene Concentrations in Aquifer Zone IIB_2 (Water Table) at the Burial Ground Complex, Fourth Quarter 1995

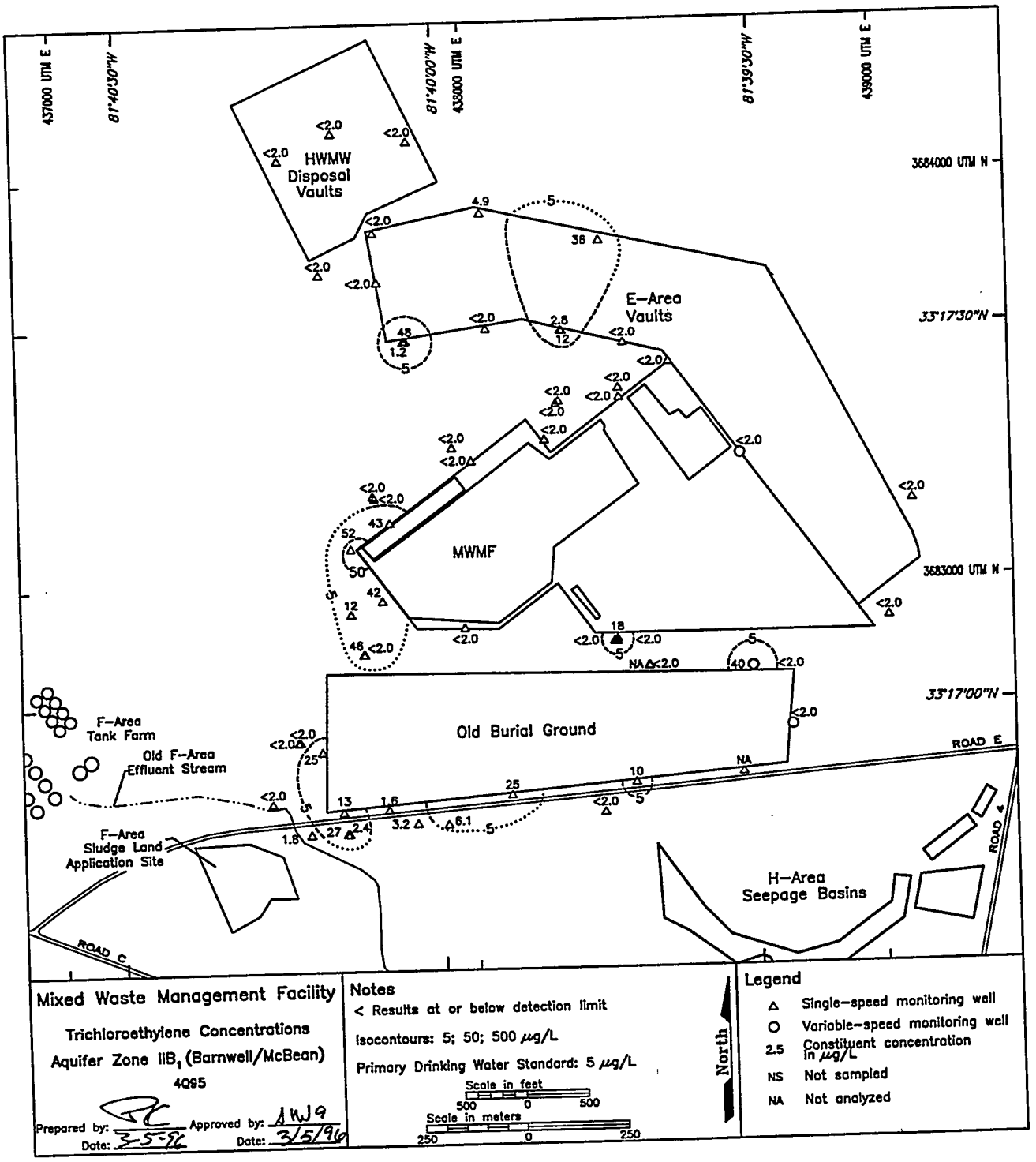


Figure 18. Trichloroethylene Concentrations in Aquifer Zone IIB_1 (Barnwell/McBean) at the Burial Ground Complex, Fourth Quarter 1995

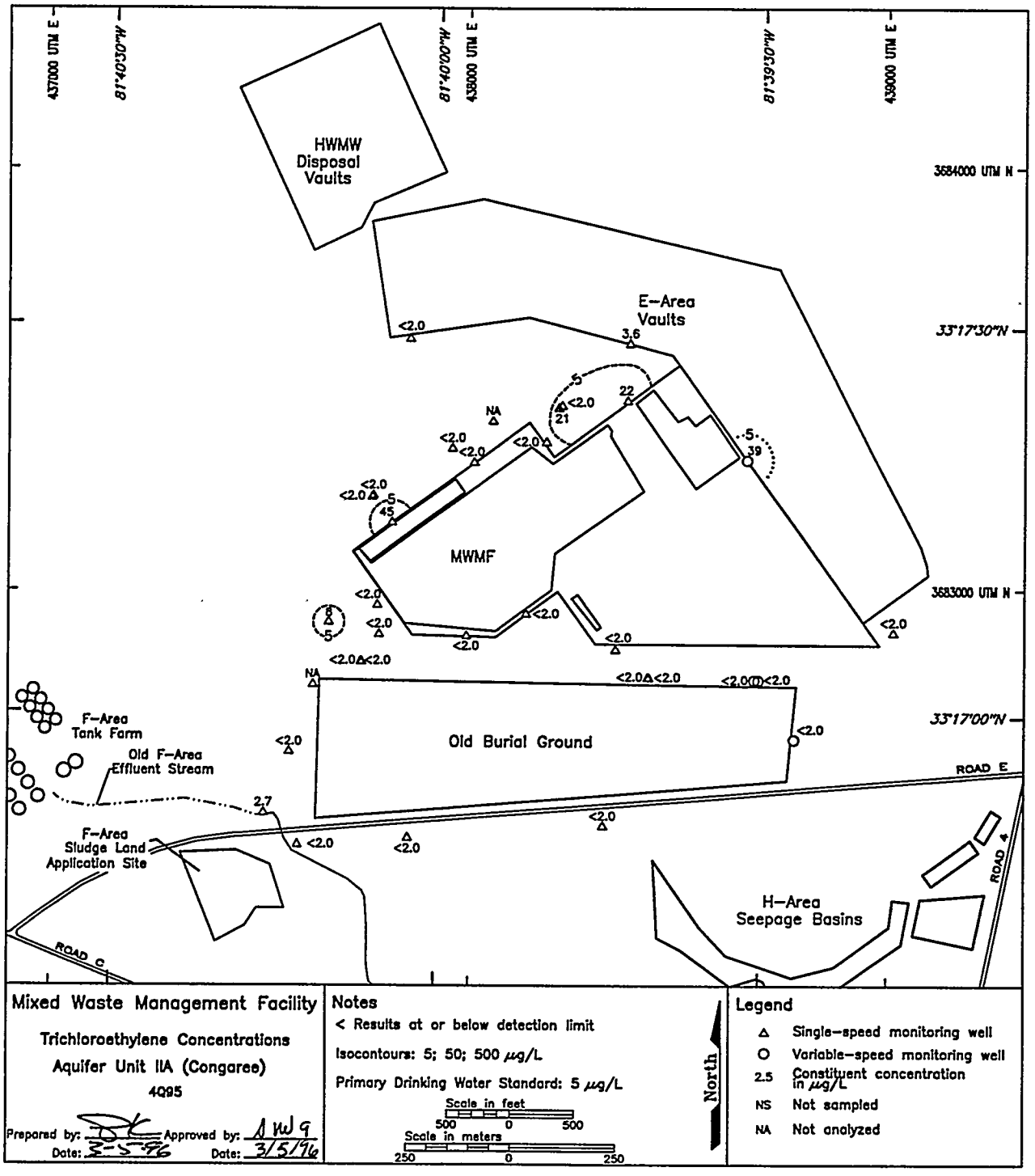


Figure 19. Trichloroethylene Concentrations in Aquifer Unit IIA (Congaree) at the Burial Ground Complex, Fourth Quarter 1995

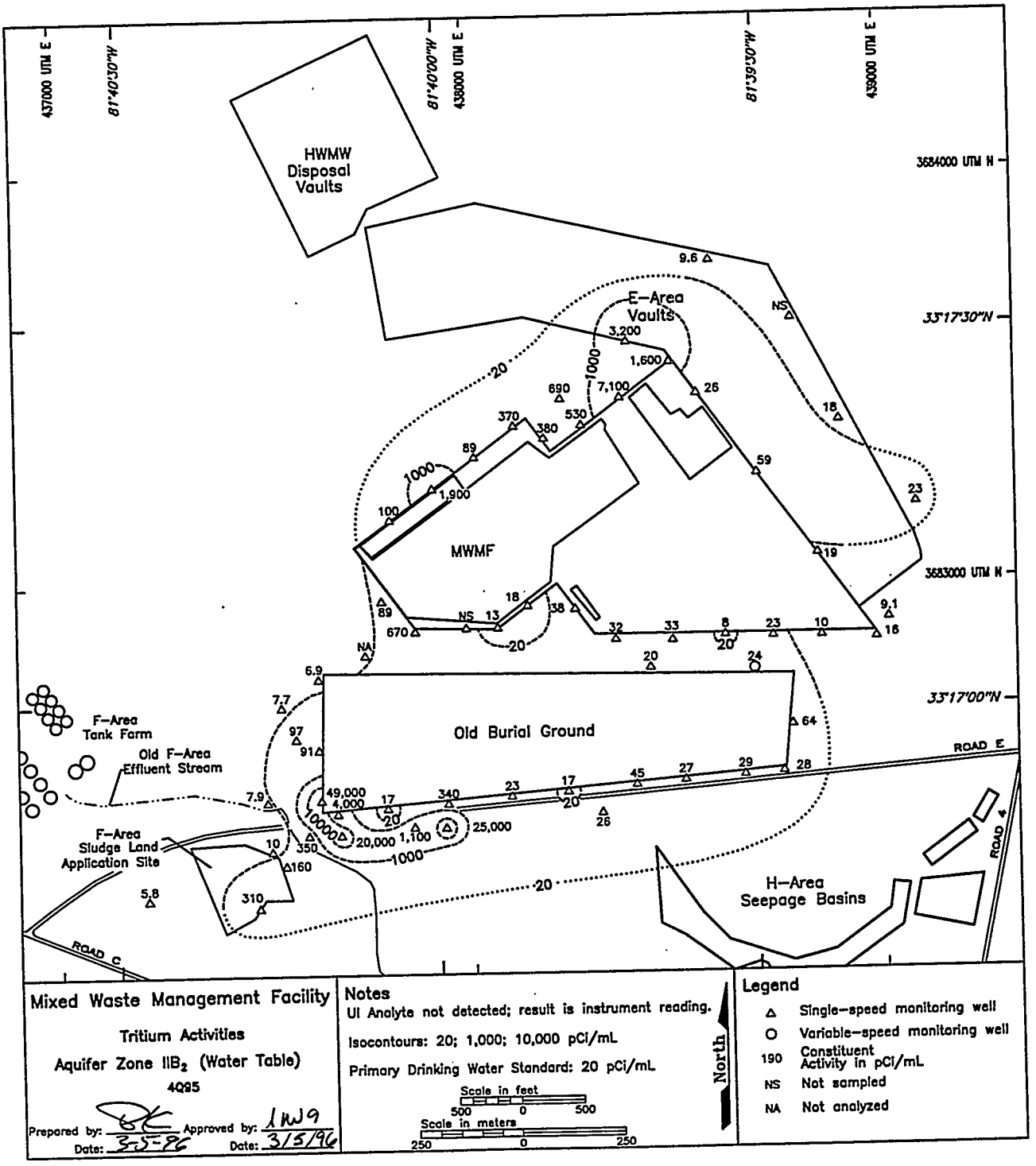


Figure 20. Tritium Activities in Aquifer Zone IIB_2 (Water Table) at the Burial Ground Complex, Fourth Quarter 1995

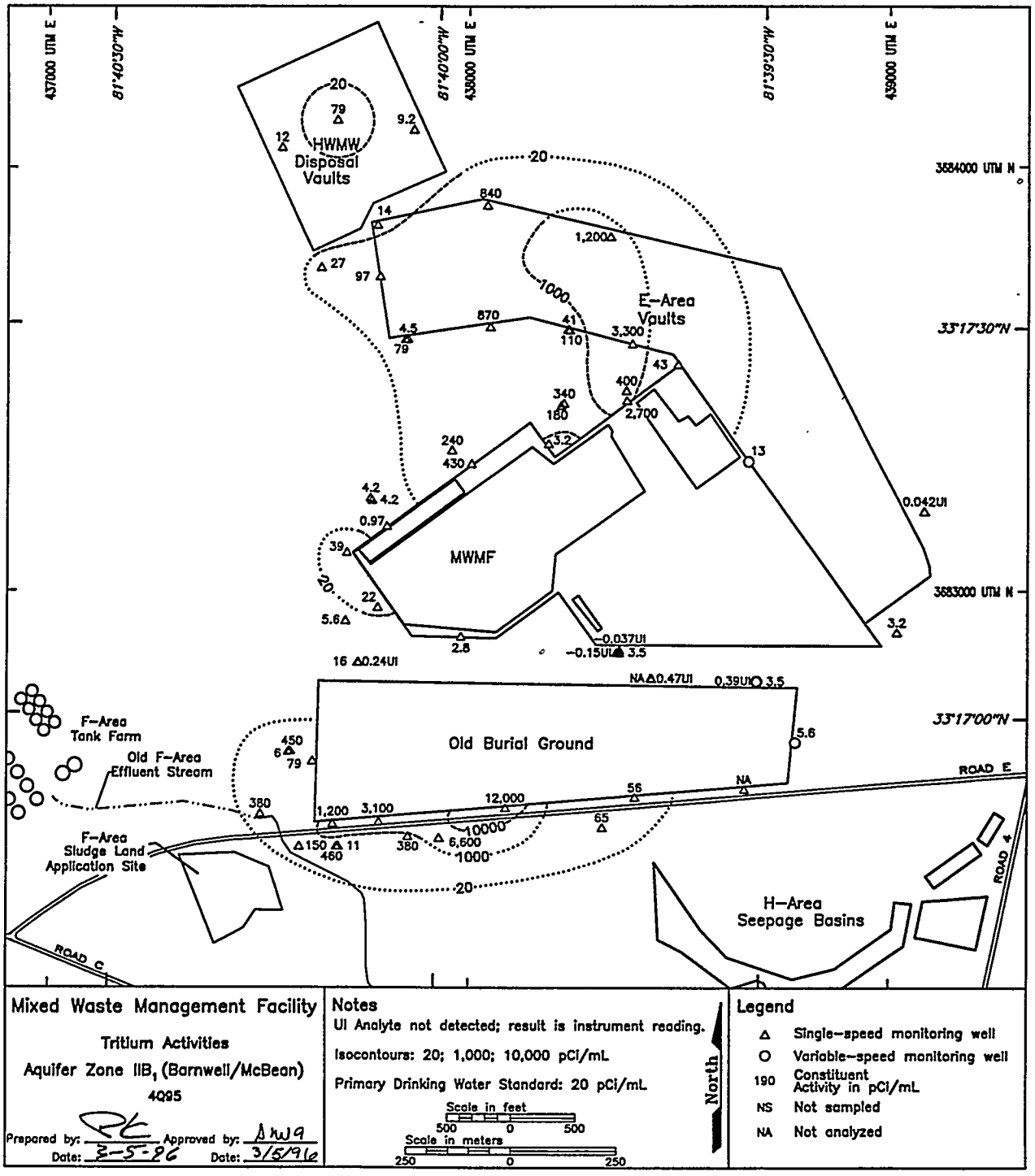


Figure 21. Tritium Activities in Aquifer Zone IIB$_1$ (Barnwell/McBean) at the Burial Ground Complex, Fourth Quarter 1995

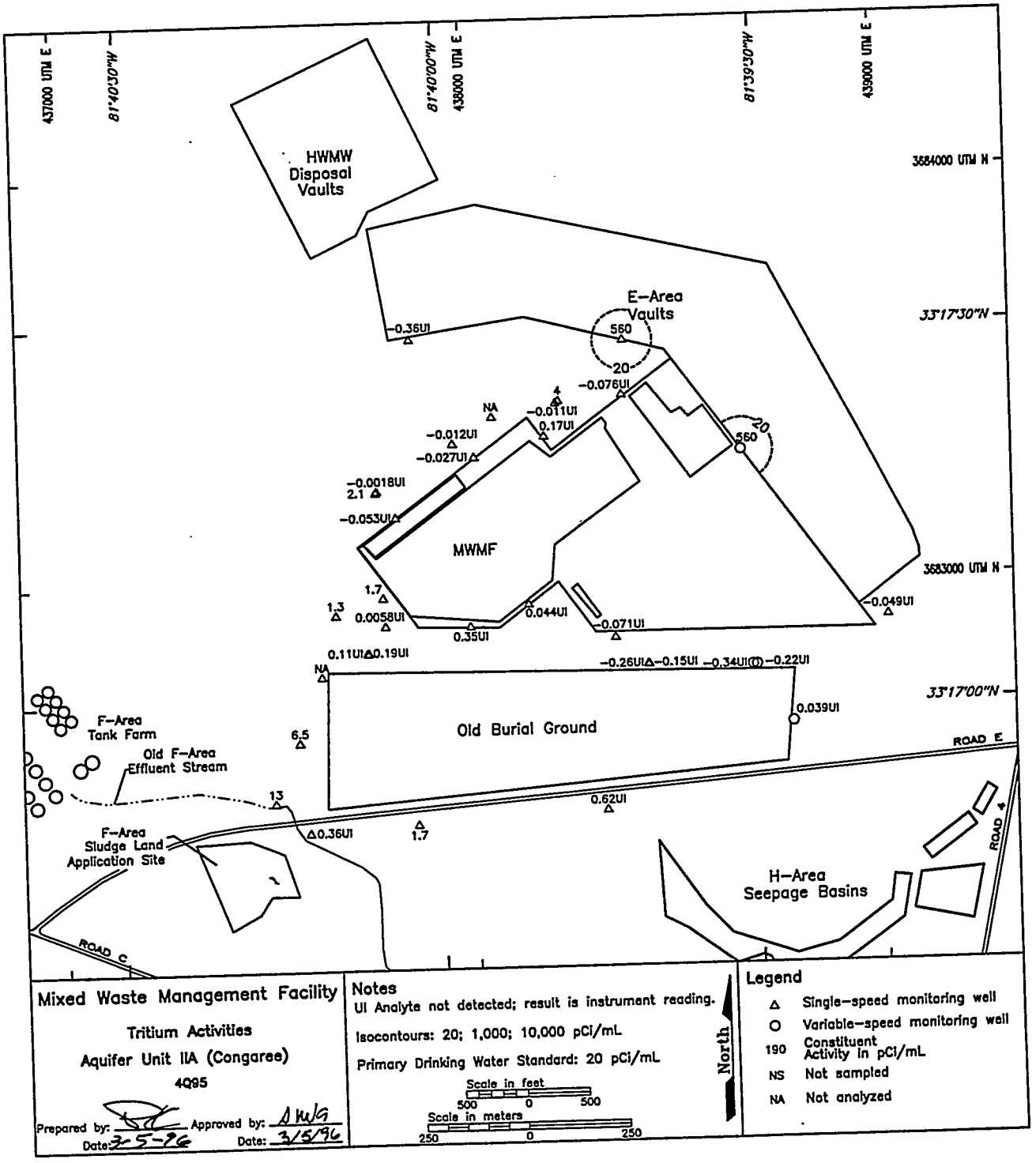


Figure 22. Tritium Activities in Aquifer Unit IIA (Congaree) at the Burial Ground Complex, Fourth Quarter 1995

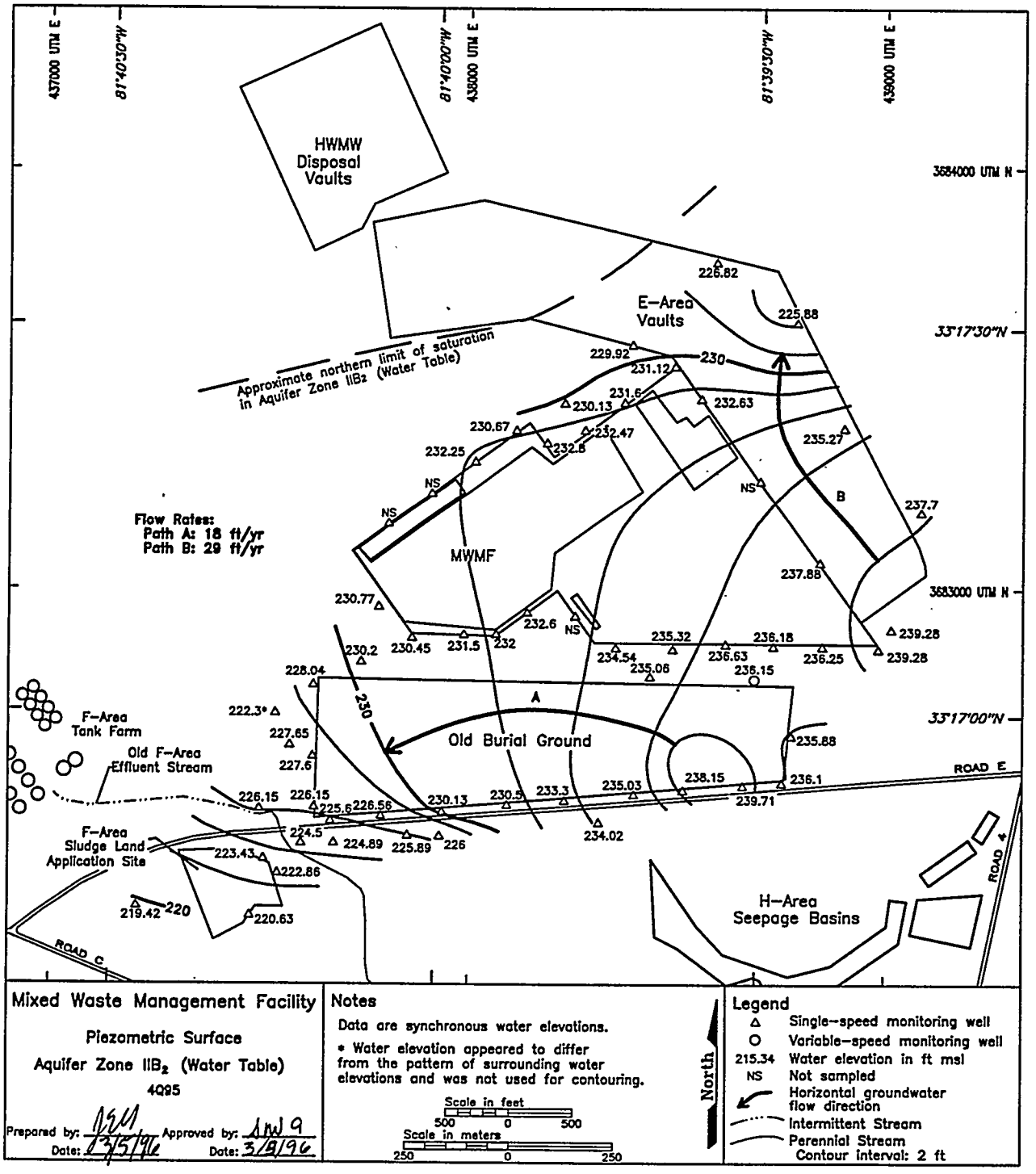


Figure 23. Piezometric Surface Map of Aquifer Zone IIB_2 (Water Table) at the Burial Ground Complex, Fourth Quarter 1995

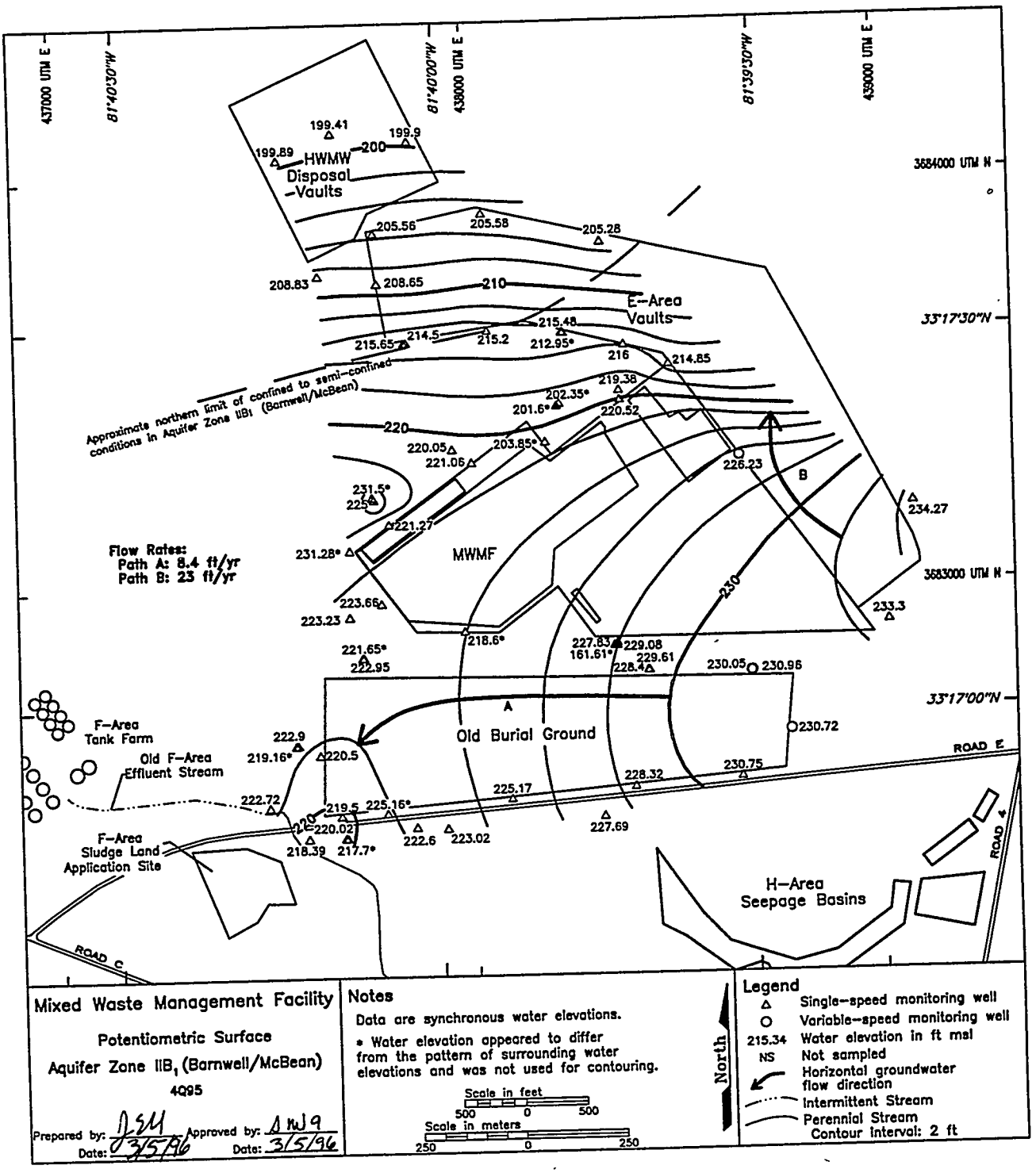


Figure 24. Potentiometric Surface Map of Aquifer Zone IIB_1 (Barnwell/McBean) at the Burial Ground Complex, Fourth Quarter 1995

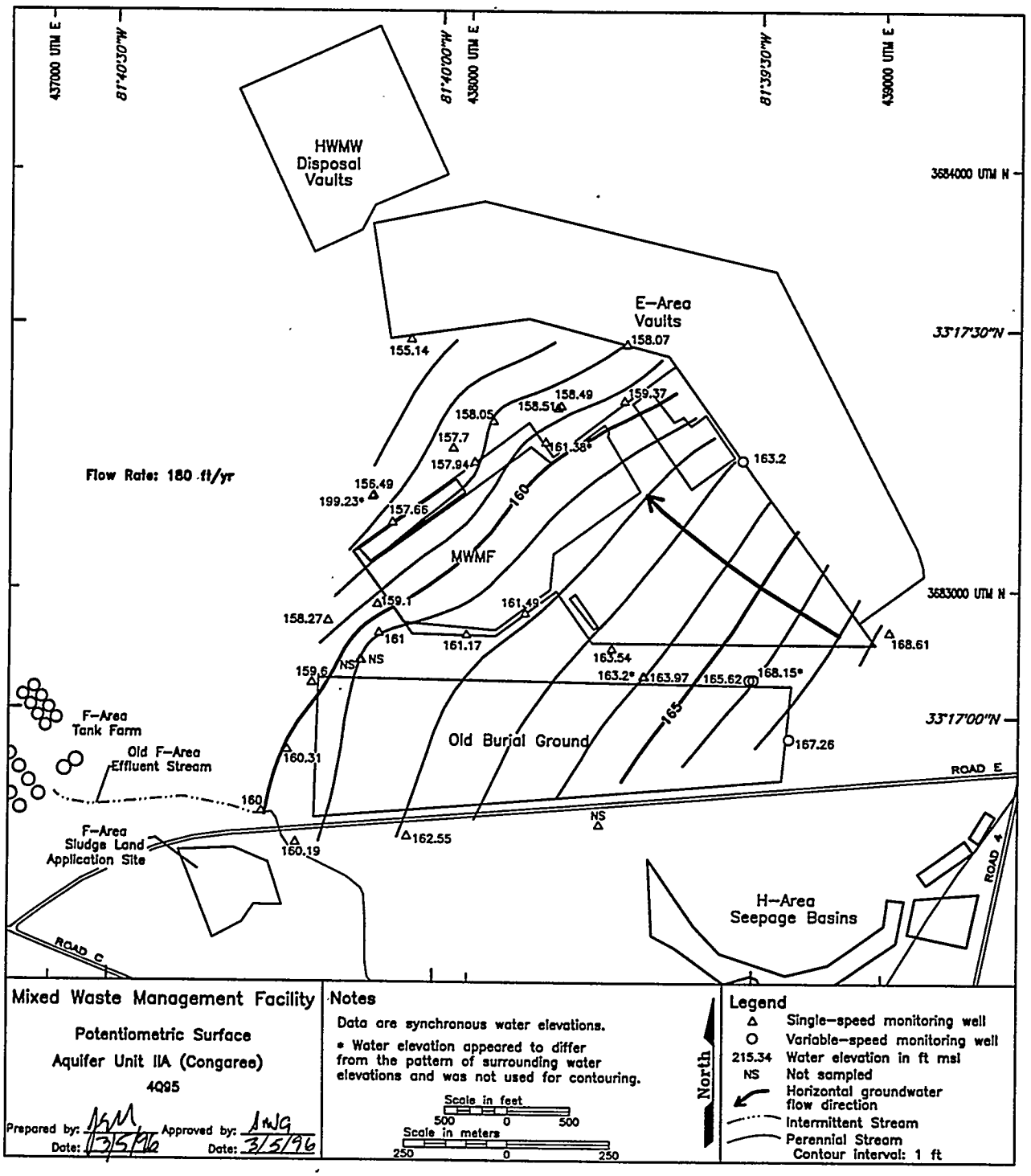


Figure 25. Potentiometric Surface Map of Aquifer Unit IIA (Congaree) at the Burial Ground Complex, Fourth Quarter 1995

References

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, Columbia, SC.

Du Pont (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., Sterling, VA.

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.

Appendix D

Groundwater Monitoring Results Tables

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Key to Reading the Tables

The following abbreviations may appear in the data tables:

Constituents

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-hexachlorodibenzo-p-furan
Lindane	gamma-benzene hexachloride
PCB	polychlorinated biphenyl
1,2,3,7,8-PCDD	1,2,3,7,8-pentachlorodibenzo-p-dioxin
1,2,3,7,8-PCDF	1,2,3,7,8-pentachlorodibenzo-p-furan
Sp. conductance	specific conductance
TCDD	tetrachlorodibenzo-p-dioxin
TCDF	tetrachlorodibenzo-p-furan

Laboratories

CN	Clemson Technical Center, Inc.
EM	Environmental Protection Department/Environmental Monitoring Section (EPD/EMS) Laboratory
GE and GP	General Engineering Laboratories
SC	Savannah River Technology Center
SP	Spencer Testing Services, Inc.
TM	TMA/Eberline
WA and WS	Roy F. Weston, Inc.

Sampling Codes

B	blank sample was collected
C	well was pumping continuously
D	well was dry
E	equipment blank was collected
I	well went dry during sampling; insufficient water to collect all samples
L	well went dry before sampling began; only depth to water can be determined
P	inaccessibility or mechanical failure prevented sample collection and field analysis of the water
S	no water in standpipe; for water-level events only
X	well went dry during purging; samples collected after well recovered

Sampling Methods

B	sample collected using an open-bucket bailer
P	sample collected using a bladder pump
S	sample collected using a single-speed centrifugal downhole pump
V	sample collected using a variable-speed pump

Units

mg/L	milligrams per liter
msl	mean sea level
MSL	million structures per liter
NTU	nephelometric turbidity unit
pCi/L	picocuries per liter
pCi/mL	picocuries per milliliter
pH	pH unit
µg/L	micrograms per liter
µS/cm	microsiemens per centimeter

Other

CS	carbon steel
DF	dilution factor column in data tables
E	exponential notation (e.g., 1.1E–09 = 1.1×10^{-9} = 0.0000000011)
H	holding time column in data tables
Mod	modifier column in data tables
PDWS	primary drinking water standard
PVC	polyvinyl chloride
ST	exceeded standard column in data tables
TOC	top of casing

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 bullet (•) in the *H* (holding time) column indicates that holding time was exceeded. Analyses performed beyond holding times may not yield valid results.

The South Carolina Department of Health and Environmental Control allows only 15 minutes to elapse between sampling and analysis for pH. Thus, only field pH measurements can meet the holding time criterion; laboratory pH analyses always will exceed it.

The laboratory procedure used for the determination of specific conductance allows one day to elapse between sampling and analysis. Thus, laboratory specific conductance measurements may exceed the holding time criterion.

Data Rounding

Constituent results in analytical results tables that appear to equal the final PDWS but are not marked in the *ST* (exceeded the final PDWS or screening level) column are below the final PDWS in the database. Values stored in the database contain more significant digits than the reported results. Apparent discrepancies in the tables are due to the rounding of reported results.

Data Qualification

The contract laboratories submit sample- or batch-specific quality assurance/quality control information either at the same time as analytical results or in a quarterly summary. Properly defined and used data modifiers (also referred to as qualifiers) can be a key component in assessing data usability. Modifiers designed by EPD/EMS and provided to the primary laboratories are defined below. These modifiers appear in the data tables under the column *Mod.* The lettered modifiers are based on EPA's STORET codes.

Modifiers

(Blank)	Data are not qualified. Numbers should be interpreted exactly as reported.
I	The value in the result field is the instrument reading, not the sample quantification limit. Always used with the result qualifier *U.*
J	Value is estimated because quantitation in the sample or in associated quality control samples did not meet specifications.
L	Value is off-scale high. The actual value is not known but is known to be greater than the value shown.
M	Presence of the analyte is verified but not quantified.
R	Result was rejected because performance requirements in the sample analysis or associated quality control analyses were not met.
T	Analyte was not detected; if present, it was below the criteria for detection.
U	Material analyzed for but not detected. Analytical result reported is less than the sample quantitation limit.
V or VV	Analyte was detected in an associated method blank.
Y	Result was obtained from an unpreserved or improperly preserved sample. Data may not be accurate.
1	Result may be an underestimation of the true value due to analytical bias.
2	Result may be an overestimation of the true value due to analytical bias.
3	The associated result may be of poor precision (high variability) due to analytical bias.

Note: These are only some of the qualifiers present in the database. All modifiers associated with the data are published in the result tables of EPD/EMS' quarterly groundwater monitoring reports, the official repository of the data.

Table D-1. Maximum Levels of Constituents Exceeding the Final Primary Drinking Water Standards

Well	Constituent	Unit	1Q95	2Q95	3Q95	4Q95	Mod
Aquifer Zone IIB_2 (Water Table)							
BGO 3D	Tritium	pCi/mL	5.4E+01	NA	NA	5.9E+01	
BGO 4D	Tritium	pCi/mL	3.1E+01	NA	NA	2.6E+01	
BGO 5D	Tritium	pCi/mL	–	NA	NA	1.6E+03	
BGO 6D	Tetrachloroethylene	µg/L	7.2	NA	NA	6.4	
	Trichloroethylene	µg/L	67	NA	NA	46	
	Tritium	pCi/mL	6.0E+03	NA	NA	7.1E+03	
BGO 7D	Trichloroethylene	µg/L	33	NA	NA	19	
	Tritium	pCi/mL	4.4E+02	NA	NA	5.3E+02	
BGO 8D	Tritium	pCi/mL	2.8E+02	NA	NA	3.8E+02	
BGO 9D	Tritium	pCi/mL	4.5E+02	NA	NA	3.7E+02	
BGO 10DR	Tritium	pCi/mL	5.3E+02	NA	NA	8.9E+01	
BGO 11D	Tritium	pCi/mL	1.7E+03	NA	NA	1.9E+03	
BGO 12D	Dichloromethane	µg/L	14	NA	NA	–	
	Trichloroethylene	µg/L	89	NA	NA	70	
	Tritium	pCi/mL	–	NA	NA	1.0E+02	
BGO 14DR	Trichloroethylene	µg/L	59	NA	NA	80	
	Tritium	pCi/mL	–	NA	NA	8.9E+01	
BGO 15D	Tetrachloroethylene	µg/L	6.3	NA	NA	5.1	
	Trichloroethylene	µg/L	73	NA	NA	59	
	Tritium	pCi/mL	3.0E+02	NA	NA	6.7E+02	
BGO 16D	Trichloroethylene	µg/L	7.6	NA	NA	NA	
	Tritium	pCi/mL	7.2E+02	NA	NA	NA	
BGO 19D	Tritium	pCi/mL	5.2E+01	NA	NA	3.8E+01	
BGO 20D	Tritium	pCi/mL	2.6E+01	NA	NA	3.2E+01	
BGO 21D	Tritium	pCi/mL	3.5E+01	NA	NA	3.3E+01	
BGO 23D	Tritium	pCi/mL	2.8E+01	NA	NA	2.3E+01	
BGO 26D	Trichloroethylene	µg/L	24	NA	NA	11	
BGO 27D	Tritium	pCi/mL	4.2E+02	NA	NA	9.1E+01	
BGO 28D	Chloroethene	µg/L	45	NA	NA	3.9	J
	Trichloroethylene	µg/L	200	NA	NA	99	J
	Tritium	pCi/mL	2.1E+05	NA	NA	4.9E+04	

Well	Constituent	Unit	1Q95	2Q95	3Q95	4Q95	Mod
BGO 30D	Gross alpha	pCi/L	–	NA	NA	2.1E+01	
	Trichloroethylene	µg/L	34	NA	NA	11	
	Tritium	pCi/mL	4.0E+04	NA	NA	4.0E+03	
BGO 32D	Tetrachloroethylene	µg/L	9.2	NA	NA	–	
	Tritium	pCi/mL	6.5E+02	NA	NA	3.4E+02	
BGO 33D	Tritium	pCi/mL	2.2E+01	NA	NA	2.3E+01	
BGO 34D	Tritium	pCi/mL	2.2E+01	NA	NA	–	
BGO 35D	Tritium	pCi/mL	4.6E+01	NA	NA	4.5E+01	
BGO 36D	Tritium	pCi/mL	2.7E+01	NA	NA	2.7E+01	
BGO 37D	Tritium	pCi/mL	3.1E+01	NA	NA	2.9E+01	
BGO 38D	Tritium	pCi/mL	2.8E+01	NA	NA	2.8E+01	
BGO 39D	Tritium	pCi/mL	2.9E+01	NA	NA	6.4E+01	
BGO 40D	Antimony	µg/L	6.4	NA	NA	–	
BGO 44D	Tritium	pCi/mL	6.8E+02	NA	NA	6.9E+02	
BGO 45D	Tritium	pCi/mL	2.1E+01	NA	NA	9.7E+01	
BGO 46D	Chloroethene	µg/L	3.9	NA	NA	–	
	Tetrachloroethylene	µg/L	8.1	NA	NA	–	
	Trichloroethylene	µg/L	27	NA	NA	16	
	Tritium	pCi/mL	5.8E+04	NA	NA	2.0E+04	
BGO 47D	Trichloroethylene	µg/L	11	NA	NA	7.3	
	Tritium	pCi/mL	1.4E+03	NA	NA	1.1E+03	
BGO 48D	Gross alpha	pCi/L	2.2E+01	NA	NA	2.3E+01	
	Tetrachloroethylene	µg/L	27	NA	NA	11	
	Trichloroethylene	µg/L	140	NA	NA	140	
	Tritium	pCi/mL	6.1E+04	NA	NA	2.5E+04	
BGO 49D	Tritium	pCi/mL	2.6E+01	NA	NA	2.6E+01	
BGO 50D	Trichloroethylene	µg/L	–	NA	NA	5.6	
	Tritium	pCi/mL	5.4E+02	NA	NA	3.5E+02	
BGO 51D	Tritium	pCi/mL	2.6E+01	NA	NA	2.4E+01	
BGO 52D	Tritium	pCi/mL	NA	NA	NA	2.0E+01	
BGX 1D	Tritium	pCi/mL	1.6E+03	NA	NA	3.2E+03	
BGX 10D	Lead	µg/L	90	NA	NA	NA	
BGX 12D	Tritium	pCi/mL	2.5E+01	NA	NA	2.3E+01	

Well	Constituent	Unit	1Q95	2Q95	3Q95	4Q95	Mod
FSS 2D	Lead	µg/L	280	–	NA	–	
	Tritium	pCi/mL	2.3E+02	1.6E+02	NA	1.6E+02	
FSS 3D	Lead	µg/L	820	450	NA	53	
	Tritium	pCi/mL	2.2E+02	1.5E+02	NA	3.1E+02	
Aquifer Zone IIB_1 (Barnwell/McBean)							
BGO 5C	Tritium	pCi/mL	3.1E+01	NA	NA	4.3E+01	
BGO 6B	Tritium	pCi/mL	3.8E+01	NA	NA	4.0E+02	
BGO 6C	Tritium	pCi/mL	1.2E+03	NA	NA	2.7E+03	
BGO 10B	Tritium	pCi/mL	1.2E+02	NA	NA	2.4E+02	
BGO 10C	Tritium	pCi/mL	6.0E+01	NA	NA	4.3E+02	
BGO 12CR	Trichloroethylene	µg/L	78	NA	NA	43	
BGO 13DR	Antimony	µg/L	7.6	NA	NA	–	
	Tritium	pCi/mL	2.3E+01	NA	NA	3.9E+01	
BGO 14CR	Trichloroethylene	µg/L	59	NA	NA	42	
	Tritium	pCi/mL	2.8E+01	NA	NA	2.2E+01	
BGO 27C	Trichloroethylene	µg/L	25	NA	NA	25	
	Tritium	pCi/mL	6.9E+01	NA	NA	7.9E+01	
BGO 29C	Tritium	pCi/mL	3.4E+02	NA	NA	3.8E+02	
BGO 30C	Lead	µg/L	82	NA	NA	–	
	Trichloroethylene	µg/L	14	NA	NA	13	
	Tritium	pCi/mL	4.2E+02	NA	NA	1.2E+03	
BGO 31C	Tritium	pCi/mL	2.1E+03	NA	NA	3.1E+03	
BGO 33C	Mercury	µg/L	4.0	NA	NA	5.4	V
	Tetrachloroethylene	µg/L	5.7	NA	NA	5.3	
	Trichloroethylene	µg/L	29	NA	NA	25	
	Tritium	pCi/mL	1.0E+04	NA	NA	1.2E+04	
BGO 35C	Trichloroethylene	µg/L	–	NA	NA	10	
	Tritium	pCi/mL	2.2E+01	NA	NA	5.6E+01	
BGO 42C	Trichloroethylene	µg/L	23	NA	NA	12	
BGO 43CR	Gross alpha	pCi/L	1.5E+01	NA	NA	–	
BGO 44B	Lead	µg/L	73	NA	NA	–	
	Tritium	pCi/mL	6.6E+01	NA	NA	1.8E+02	
BGO 44C	Tritium	pCi/mL	4.3E+02	NA	NA	3.4E+02	

Well	Constituent	Unit	1Q95	2Q95	3Q95	4Q95	Mod
BGO 45C	Tritium	pCi/mL	5.1E+02	NA	NA	4.5E+02	
BGO 46C	Trichloroethylene	µg/L	26	NA	NA	27	
	Tritium	pCi/mL	2.3E+02	NA	NA	4.6E+02	
BGO 47C	Tritium	pCi/mL	NA	NA	NA	3.8E+02	
BGO 48C	Trichloroethylene	µg/L	–	NA	NA	6.1	
	Tritium	pCi/mL	3.2E+03	NA	NA	6.6E+03	
BGO 49C	Tritium	pCi/mL	5.1E+01	NA	NA	6.5E+01	
BGO 50C	Trichloroethylene	µg/L	7.3	NA	NA	–	J
	Tritium	pCi/mL	1.3E+02	NA	NA	1.5E+02	
BGO 53C	Trichloroethylene	µg/L	NA	NA	NA	46	
BGX 1C	Tritium	pCi/mL	2.8E+03	NA	NA	3.3E+03	
BGX 2B	Tritium	pCi/mL	–	NA	NA	4.1E+01	
BGX 2D	Trichloroethylene	µg/L	17	NA	NA	12	
	Tritium	pCi/mL	1.0E+02	NA	NA	1.1E+02	
BGX 3D	Tritium	pCi/mL	1.7E+03	NA	NA	8.7E+02	
BGX 4D	Tritium	pCi/mL	7.1E+01	NA	NA	7.9E+01	
BGX 5D	Tritium	pCi/mL	1.0E+02	NA	NA	9.7E+01	
BGX 7D	Tetrachloroethylene	µg/L	–	NA	NA	6.4	
	Tritium	pCi/mL	9.0E+02	NA	NA	8.4E+02	
BGX 8DR	Tetrachloroethylene	µg/L	–	NA	NA	26	
	Trichloroethylene	µg/L	–	NA	NA	36	
	Tritium	pCi/mL	1.1E+03	NA	NA	1.2E+03	
HMD 1D	Tritium	pCi/mL	3.5E+01	–	–	2.7E+01	
HMD 3D	Tritium	pCi/mL	4.0E+01	NA	NA	7.9E+01	
Aquifer Zone IIA (Congaree)							
BGO 3A	Tritium	pCi/mL	2.0E+02	NA	NA	5.6E+02	
BGO 6A	Dichloromethane	µg/L	7.5	NA	NA	–	
BGO 9AA	Nonvolatile beta	pCi/L	7.9E+01	NA	NA	NA	
BGO 39A	Antimony	µg/L	6.7	NA	NA	–	
BGO 41A	Trichloroethylene	µg/L	NA	NA	NA	8.0	J1
BGO 51AA	Antimony	µg/L	8.5	NA	NA	–	

Well	Constituent	Unit	1Q95	2Q95	3Q95	4Q95	Mod
BGX 1A	Tritium	pCi/mL	NA	NA	NA	5.6E+02	

NA = not analyzed.
– = analyzed but not above the PDWS.

Notes: This table presents the highest value for duplicate/replicate results. The groundwater samples are unfiltered. Therefore, the results for the metals are for total recoverable metals.

Table D-2. Maximum Levels of Constituents Exceeding Other Flag 2 Criteria

Well	Constituent	Unit	4Q95	Mod
Aquifer Zone IIB_2 (Water Table)				
BGO 1D	Aluminum	µg/L	–	
BGO 2D	Aluminum	µg/L	–	
	Benzene	µg/L	43	
	1,1-Dichloroethylene	µg/L	45	
	Total organic halogens	µg/L	–	
	Trichloroethylene	µg/L	42	
BGO 3D	Aluminum	µg/L	–	
	Total organic halogens	µg/L	–	
	Tritium	pCi/mL	5.9E+01	I
BGO 4D	Aluminum	µg/L	–	
	Tritium	pCi/mL	2.6E+01	I
BGO 5D	Aluminum	µg/L	–	
	Lead	µg/L	130	
	Tritium	pCi/mL	1.6E+03	I
BGO 6D	Aluminum	µg/L	–	
	Tetrachloroethylene	µg/L	6.4	
	Total organic halogens	µg/L	–	
	Trichloroethylene	µg/L	46	
	Tritium	pCi/mL	7.1E+03	I
BGO 7D	Trichloroethylene	µg/L	19	
	Tritium	pCi/mL	5.3E+02	I
BGO 8D	Tritium	pCi/mL	3.8E+02	I
BGO 9D	Tritium	pCi/mL	3.7E+02	I
BGO 10DR	Iron	µg/L	–	
	Lead	µg/L	70	
	Lithium	µg/L	50	
	Total organic carbon	µg/L	17,000	V
	Tritium	pCi/mL	8.9E+01	I
BGO 11D	Carbon-14	pCi/L	–	
	Total organic halogens	µg/L	–	
	Tritium	pCi/mL	1.9E+03	I
BGO 12D	Dichloromethane	µg/L	–	
	Lead	µg/L	62	V
	Trichloroethylene	µg/L	70	
	Tritium	pCi/mL	1.0E+02	I
BGO 14DR	Trichloroethylene	µg/L	80	
	Tritium	pCi/mL	8.9E+01	I
BGO 15D	Tetrachloroethylene	µg/L	5.1	

Well	Constituent	Unit	4Q95	Mod
	Total organic halogens	µg/L	120	
	Trichloroethylene	µg/L	59	
	Tritium	pCi/mL	6.7E+02	I
BGO 16D	Aluminum	µg/L	–	
	Lithium	µg/L	–	
	Trichloroethylene	µg/L	–	
	Tritium	pCi/mL	–	
BGO 17DR	Aluminum	µg/L	–	
	Total organic halogens	µg/L	110	
BGO 18D	Total organic halogens	µg/L	–	
BGO 19D	Total organic halogens	µg/L	–	
	Tritium	pCi/mL	3.8E+01	I
BGO 20D	Aluminum	µg/L	52	
	Tritium	pCi/mL	3.2E+01	I
BGO 21D	Total organic halogens	µg/L	59	
	Tritium	pCi/mL	3.3E+01	I
BGO 22DR	Aluminum	µg/L	–	
BGO 23D	Tritium	pCi/mL	2.3E+01	I
BGO 24D	Aluminum	µg/L	–	
BGO 26D	Aluminum	µg/L	–	
	Trichloroethylene	µg/L	11	
BGO 27D	Aluminum	µg/L	–	
	Total organic carbon	µg/L	16,000	V
	Total organic halogens	µg/L	110	
	Tritium	pCi/mL	9.1E+01	I
BGO 28D	Aluminum	µg/L	–	
	Chloroethene	µg/L	3.9	J
	1,1-Dichloroethane	µg/L	–	
	Iron	µg/L	–	
	Manganese	µg/L	–	
	Total organic halogens	µg/L	170	
	Trichloroethylene	µg/L	99	J
	Tritium	pCi/mL	4.9E+04	I
BGO 29D	Aluminum	µg/L	–	
	Manganese	µg/L	–	
BGO 30D	Aluminum	µg/L	–	
	1,1-Dichloroethane	µg/L	–	
	Gross alpha	pCi/L	2.1E+01	I
	Manganese	µg/L	–	
	Total organic halogens	µg/L	1,300	
	Trichloroethylene	µg/L	11	
	Tritium	pCi/mL	4.0E+03	I

Well	Constituent	Unit	4Q95	Mod
BGO 31D	Aluminum	µg/L	–	
	Total organic carbon	µg/L	16,000	V
BGO 32D	Aluminum	µg/L	–	
	Iron	µg/L	–	
	Tetrachloroethylene	µg/L	–	
	Tritium	pCi/mL	3.4E+02	I
BGO 33D	Aluminum	µg/L	–	
	Iron	µg/L	–	
	Total organic halogens	µg/L	–	
	Tritium	pCi/mL	2.3E+01	I
BGO 34D	Aluminum	µg/L	–	
	Tritium	pCi/mL	–	
BGO 35D	Aluminum	µg/L	–	
	Iron	µg/L	–	
	Phenols	µg/L	55	
	Tritium	pCi/mL	4.5E+01	I
BGO 36D	Aluminum	µg/L	–	
	Tritium	pCi/mL	2.7E+01	I
BGO 37D	Aluminum	µg/L	–	
	Total organic carbon	µg/L	16,000	V
	Tritium	pCi/mL	2.9E+01	I
BGO 38D	Aluminum	µg/L	–	
	Total organic halogens	µg/L	–	
	Tritium	pCi/mL	2.8E+01	I
BGO 39D	Aluminum	µg/L	–	
	Tritium	pCi/mL	6.4E+01	I
BGO 40D	Aluminum	µg/L	–	
	Antimony	µg/L	–	
	Lithium	µg/L	550	
	Tin	µg/L	–	
	Total organic halogens	µg/L	–	
BGO 44D	Tritium	pCi/mL	6.9E+02	I
BGO 45D	Tritium	pCi/mL	9.7E+01	I
BGO 46D	Chloroethene	µg/L	–	
	1,1-Dichloroethane	µg/L	–	
	Tetrachloroethylene	µg/L	–	
	Total organic halogens	µg/L	95	
	Trichloroethylene	µg/L	16	
	Tritium	pCi/mL	2.0E+04	I
BGO 47D	Trichloroethylene	µg/L	7.3	
	Tritium	pCi/mL	1.1E+03	I

Well	Constituent	Unit	4Q95	Mod
BGO 48D	Aluminum	µg/L	–	
	Gross alpha	pCi/L	2.3E+01	I
	Tetrachloroethylene	µg/L	11	
	Total organic halogens	µg/L	110	
	Trichloroethylene	µg/L	140	
	Tritium	pCi/mL	2.5E+04	I
BGO 49D	Aluminum	µg/L	–	
	Tritium	pCi/mL	2.6E+01	I
BGO 50D	Aluminum	µg/L	–	
	Trichloroethylene	µg/L	5.6	
	Tritium	pCi/mL	3.5E+02	I
BGO 51D	Tritium	pCi/mL	2.4E+01	I
BGO 52D	Tritium	pCi/mL	2.0E+01	I
BGX 1D	Aluminum	µg/L	–	
	Tritium	pCi/mL	3.2E+03	I
BGX 10D	Aluminum	µg/L	–	
	Iron	µg/L	–	
	Lead	µg/L	–	
	Manganese	µg/L	–	
BGX 11D	Aluminum	µg/L	–	
BGX 12D	Aluminum	µg/L	–	
	Tritium	pCi/mL	2.3E+01	I
FSS 1D	Aluminum	µg/L	–	
	Iron	µg/L	–	
FSS 2D	Aluminum	µg/L	–	
	Benzene	µg/L	48	
	1,1-Dichloroethylene	µg/L	52	
	Iron	µg/L	–	
	Lead	µg/L	–	
	Trichloroethylene	µg/L	46	
	Tritium	pCi/mL	1.6E+02	I
FSS 3D	Aluminum	µg/L	–	
	Copper	µg/L	–	
	Iron	µg/L	–	
	Lead	µg/L	53	
	Manganese	µg/L	–	
	Tritium	pCi/mL	3.1E+02	I
FSS 4D	Aluminum	µg/L	–	
	Iron	µg/L	–	
	Manganese	µg/L	–	
HSB 85C	Aluminum	µg/L	–	

Well	Constituent	Unit	4Q95	Mod
Aquifer Zone IIB_1 (Barnwell/McBean)				
BGO 3C	Aluminum	µg/L	430	V
	Iron	µg/L	460	
BGO 5C	Aluminum	µg/L	–	
	Tritium	pCi/mL	4.3E+01	I
BGO 6B	Lithium	µg/L	390	
	Tritium	pCi/mL	4.0E+02	I
BGO 6C	Tritium	pCi/mL	2.7E+03	I
BGO 8C	Aluminum	µg/L	–	
	Total organic halogens	µg/L	85	
BGO 10B	Aluminum	µg/L	–	
	Lithium	µg/L	52	
	Tritium	pCi/mL	2.4E+02	I
BGO 10C	Aluminum	µg/L	–	
	Total organic carbon	µg/L	16,000	V
	Tritium	pCi/mL	4.3E+02	I
BGO 12CR	Aluminum	µg/L	–	
	Trichloroethylene	µg/L	43	
BGO 13DR	Aluminum	µg/L	–	
	Antimony	µg/L	–	
	Benzene	µg/L	49	
	1,1-Dichloroethylene	µg/L	54	
	Lead	µg/L	55	
	Trichloroethylene	µg/L	52	
	Tritium	pCi/mL	3.9E+01	I
BGO 14CR	Aluminum	µg/L	–	
	Total organic halogens	µg/L	–	
	Trichloroethylene	µg/L	42	
	Tritium	pCi/mL	2.2E+01	I
BGO 16B	Aluminum	µg/L	–	
	Iron	µg/L	–	
BGO 20AA	Aluminum	µg/L	91	
	Lithium	µg/L	85	
	pH	pH	10	J1
BGO 20B	Aluminum	µg/L	630	V
	Benzene	µg/L	19	J1
	Carbon tetrachloride	µg/L	18	J1
	1,1-Dichloroethane	µg/L	21	J1
	1,2-Dichloroethane	µg/L	19	J1
	1,1-Dichloroethylene	µg/L	21	J1
	Dichloromethane	µg/L	20	JV1

Well	Constituent	Unit	4Q95	Mod
	1,2-Dichloropropane	µg/L	18	J1
	cis-1,3-Dichloropropene	µg/L	19	J1
	trans-1,3-Dichloropropene	µg/L	23	J1
	Iron	µg/L	1,400	
	Lead	µg/L	130	
	1,1,2,2-Tetrachloroethane	µg/L	22	J1
	Tetrachloroethylene	µg/L	19	J1
	1,1,2-Trichloroethane	µg/L	20	J1
	Trichloroethylene	µg/L	18	J1
BGO 27C	Trichloroethylene	µg/L	25	
	Tritium	pCi/mL	7.9E+01	I
BGO 29C	Tritium	pCi/mL	3.8E+02	I
BGO 30C	Aluminum	µg/L	–	
	Lead	µg/L	–	
	Trichloroethylene	µg/L	13	
	Tritium	pCi/mL	1.2E+03	I
BGO 31C	Aluminum	µg/L	–	
	Total organic halogens	µg/L	–	
	Tritium	pCi/mL	3.1E+03	I
BGO 33C	Mercury	µg/L	5.4	V
	Tetrachloroethylene	µg/L	5.3	
	Total organic halogens	µg/L	110	
	Trichloroethylene	µg/L	25	
	Tritium	pCi/mL	1.2E+04	I
BGO 35C	Total organic halogens	µg/L	100	
	Trichloroethylene	µg/L	10	
	Tritium	pCi/mL	5.6E+01	I
BGO 39C	Aluminum	µg/L	160	V
	Total organic carbon	µg/L	16,000	V
BGO 42C	Iron	µg/L	–	
	Lead	µg/L	58	V
	Trichloroethylene	µg/L	12	
BGO 43CR	Aluminum	µg/L	–	
	Gross alpha	pCi/L	–	
	Iron	µg/L	–	
BGO 43D	Lead	µg/L	71	V
	Total organic halogens	µg/L	97	
BGO 44B	Aluminum	µg/L	–	
	Iron	µg/L	–	
	Lead	µg/L	–	
	Lithium	µg/L	120	
	Manganese	µg/L	–	
	Tritium	pCi/mL	1.8E+02	I
BGO 44C	Aluminum	µg/L	–	

Well	Constituent	Unit	4Q95	Mod
	Manganese	µg/L	–	
	Tritium	pCi/mL	3.4E+02	I
BGO 45B	Aluminum	µg/L	–	
	pH	pH	–	
BGO 45C	Tritium	pCi/mL	4.5E+02	I
BGO 46C	Aluminum	µg/L	–	
	Trichloroethylene	µg/L	27	
	Tritium	pCi/mL	4.6E+02	I
BGO 47C	Tritium	pCi/mL	3.8E+02	I
BGO 48C	Total organic halogens	µg/L	–	
	Trichloroethylene	µg/L	6.1	
	Tritium	pCi/mL	6.6E+03	I
BGO 49C	Total organic carbon	µg/L	16,000	
	Tritium	pCi/mL	6.5E+01	I
BGO 50C	Trichloroethylene	µg/L	–	
	Tritium	pCi/mL	1.5E+02	I
BGO 51B	Benzene	µg/L	42	
	1,1-Dichloroethylene	µg/L	43	
	Trichloroethylene	µg/L	40	
BGO 53B	Manganese	µg/L	75	V
BGO 53C	Trichloroethylene	µg/L	46	
BGX 1C	Aluminum	µg/L	–	
	pH	pH	–	
	Specific conductance	µS/cm	–	
	Total organic halogens	µg/L	60	
	Tritium	pCi/mL	3.3E+03	I
BGX 2B	Tritium	pCi/mL	4.1E+01	I
BGX 2D	Trichloroethylene	µg/L	12	
	Tritium	pCi/mL	1.1E+02	I
BGX 3D	Tin	µg/L	–	
	Total organic carbon	µg/L	16,000	
	Total organic halogens	µg/L	–	
	Tritium	pCi/mL	8.7E+02	I
BGX 4C	Benzene	µg/L	46	
	1,1-Dichloroethylene	µg/L	49	
	Total organic carbon	µg/L	17,000	
	Total organic halogens	µg/L	99	
	Trichloroethylene	µg/L	48	
BGX 4D	Tritium	pCi/mL	7.9E+01	I

Well	Constituent	Unit	4Q95	Mod
BGX 5D	Aluminum	µg/L	–	
	Manganese	µg/L	–	
	Tritium	pCi/mL	9.7E+01	I
BGX 6D	Total organic carbon	µg/L	16,000	V
BGX 7D	Tetrachloroethylene	µg/L	6.4	
	Tritium	pCi/mL	8.4E+02	I
BGX 8DR	Phenols	µg/L	50	
	Tetrachloroethylene	µg/L	26	
	Trichloroethylene	µg/L	36	
	Tritium	pCi/mL	1.2E+03	I
HMD 1D	Aluminum	µg/L	–	
	Iron	µg/L	–	
	Tritium	pCi/mL	2.7E+01	I
HMD 3D	Aluminum	µg/L	–	
	Tritium	pCi/mL	7.9E+01	I
HMD 4D	Aluminum	µg/L	–	
HSB 85B	Aluminum	µg/L	2,300	V
	pH	pH	11	J1
Aquifer Zone IIA (Congaree)				
BGO 3A	Benzene	µg/L	39	
	1,1-Dichloroethylene	µg/L	42	
	Manganese	µg/L	63	V
	Phenols	µg/L	52	
	Total organic carbon	µg/L	16,000	V
	Total organic halogens	µg/L	110	
	Trichloroethylene	µg/L	39	
	Tritium	pCi/mL	5.6E+02	I
BGO 6A	Benzene	µg/L	22	
	1,1-Dichloroethylene	µg/L	22	
	Dichloromethane	µg/L	–	
	Trichloroethylene	µg/L	22	
BGO 8AR	Total organic carbon	µg/L	17,000	
	Total organic halogens	µg/L	120	
BGO 9AA	Aluminum	µg/L	–	
	Lithium	µg/L	–	
	Nonvolatile beta	pCi/L	–	
	pH	pH	–	
	Specific conductance	µS/cm	–	
	Tin	µg/L	–	
BGO 10AA	Total organic halogens	µg/L	100	

Well	Constituent	Unit	4Q95	Mod
BGO 10AR	Aluminum	µg/L	–	
	Manganese	µg/L	–	
	Tin	µg/L	–	
BGO 12AR	Aluminum	µg/L	–	
	Benzene	µg/L	46	
	1,1-Dichloroethylene	µg/L	48	
	Trichloroethylene	µg/L	45	
BGO 14AR	Aluminum	µg/L	–	
BGO 16AR	Total organic halogens	µg/L	–	
BGO 18A	Total organic halogens	µg/L	–	
BGO 20A	Aluminum	µg/L	160	
	Iron	µg/L	1,800	
	Lithium	µg/L	54	
	pH	pH	10	J1
BGO 29A	Aluminum	µg/L	–	
BGO 39A	Aluminum	µg/L	–	
	Antimony	µg/L	–	
	Lithium	µg/L	56	
BGO 41A	Lithium	µg/L	170	
	Trichloroethylene	µg/L	8.0	J1
BGO 43A	Lithium	µg/L	380	
BGO 43AA	Aluminum	µg/L	–	
	Lithium	µg/L	97	
	Total organic carbon	µg/L	16,000	V
BGO 44A	Benzene	µg/L	20	
	Carbon tetrachloride	µg/L	26	
	1,1-Dichloroethane	µg/L	19	
	1,2-Dichloroethane	µg/L	21	
	1,1-Dichloroethylene	µg/L	21	
	Dichloromethane	µg/L	19	V
	1,2-Dichloropropane	µg/L	20	
	cis-1,3-Dichloropropene	µg/L	19	
	trans-1,3-Dichloropropene	µg/L	19	
	1,1,2,2-Tetrachloroethane	µg/L	11	
	Tetrachloroethylene	µg/L	24	
	1,1,2-Trichloroethane	µg/L	23	
	Trichloroethylene	µg/L	21	
BGO 44AA	Aluminum	µg/L	–	
BGO 45A	Total organic carbon	µg/L	16,000	V
	Total organic halogens	µg/L	100	
BGO 47A	Lead	µg/L	140	V
	Total organic halogens	µg/L	100	

Well	Constituent	Unit	4Q95	Mod
BGO 49A	Aluminum	µg/L	–	
	pH	pH	–	
BGO 50A	Aluminum	µg/L	–	
	Lithium	µg/L	330	
	pH	pH	–	
	Specific conductance	µS/cm	–	
BGO 51AA	Aluminum	µg/L	–	
	Antimony	µg/L	–	
	Lithium	µg/L	71	
	Tin	µg/L	–	
BGO 52A	Lithium	µg/L	79	
	Total organic carbon	µg/L	17,000	V
BGO 52AA	Iron	µg/L	410	
	Manganese	µg/L	63	V
BGO 53AA	Manganese	µg/L	79	V
BGX 1A	Lithium	µg/L	270	
	Tritium	pCi/mL	5.6E+02	I
BGX 4A	Total organic halogens	µg/L	–	
HSB 85A	Aluminum	µg/L	–	
	Total organic carbon	µg/L	16,000	V

NA = not analyzed (NA with an R modifier = result was rejected because performance requirements in the sample analysis or associated quality control analyses were not met).
– = analyzed but not above the Flag 2 criterion.

Notes: This table presents the highest value for duplicate/replicate results. The groundwater samples are unfiltered. Therefore, the results for the metals are for total recoverable metals. Flags are established by EPD/EMS and are based on final PDWS, Secondary Drinking Water Standards, or method detection limits (see Appendix B).

Table D-3. Groundwater Monitoring Results for Individual Wells

WELL BGO 1D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N73737.9 E58779.3	33.284765 °N 81.655257 °W	245.0-225.0 ft msl	295.1 ft msl	4" PVC	S	Water Table (IIB2)

SAMPLE DATE	02/01/95			10/03/95	
FIELD DATA					
Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	238.7			239.9	ft msl
pH	4.9			4.5	pH
Sp. conductance	44			47	µS/cm
Water temperature	19.7			20.5	°C
Alkalinity as $CaCO_3$	0			0	mg/L
Turbidity	30			25	NTU
Volume purged	1.0			0.92	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				<5,000	1		µg/L	GE	0
		Aluminum, total recoverable	170						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Barium, total recoverable	9.3			12	1	V	µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<18	1	JV	µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			0.11	1	J	µg/L	GE	0
		Calcium, total recoverable	84						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14	*-3.0E+01*			*-1.6E+00*	1	UI	pCi/L	GP	0
		Chloride	1,500						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			0.86	1	J	µg/L	GE	0
		Copper, total recoverable	4.8						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	3.0E+00			1.5E+00	1	I	pCi/L	GP	0
		Iron, total recoverable	85						µg/L		
		Lead, total recoverable	3.4			<5.0	1		µg/L	GE	0
		Lindane	<0.0086						µg/L		
		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	160						µg/L		
		Manganese, total recoverable	13						µg/L		
		Mercury, total recoverable	<0.33			<0.025	1	JV	µg/L	GE	0
		Methoxychlor	<0.86						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	3,700						µg/L		
		Nonvolatile beta	1.9E+00			1.7E+00	1	I	pCi/L	GP	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		pH	5.2						pH		
		Phenols	<8.3			<10	1		µg/L	GE	0
		Potassium, total recoverable	<830						µg/L		
		Radium, total alpha-emitting	8.0E-01			1.3E+00	1	IV	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Silica, total recoverable	5,600						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	6,700						µg/L		
		Specific conductance	42						µS/cm		
		Sulfate	<1,700			4,200	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	30,000						µg/L		
		Total organic carbon	<1,700			<390	1	JV	µg/L	GE	0
		Total organic halogens	13			3.1	1	J	µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.41						µg/L		
		2,4,5-TP (Silvex)	<7.5E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
		Tritium	1.5E+01			1.6E+01	1	I	pCi/mL	GP	1
		Turbidity	100			37	1		NTU	GE	
		Uranium-233/234	*0.0E+00*						pCi/L		
		Uranium-235	*0.0E+00*						pCi/L		
		Uranium-238	*6.1E-02*						pCi/L		
		Vanadium, total recoverable	<13			1.7	1	JV	µg/L	GE	0
		Xylenes	<3.3						µg/L		
		Zinc, total recoverable	19						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

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■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WELL BGO 2D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N74552.9 E58809.7	33.286617 °N 81.656760 °W	238.9-218.9 ft msl	296.9 ft msl	4" PVC	S	Water Table (IIB2)

SAMPLE DATE	02/08/95	10/06/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	237.7			238.2	ft msl
pH	4.6			4.6	pH
Sp. conductance	40			38	µS/cm
Water temperature	18.5			20.7	°C
Alkalinity as $CaCO_3$	0			0	mg/L
Turbidity	1			1	NTU
Volume purged	2.8			3.7	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				360,000	1		µg/L	GE	
		Aluminum, total recoverable	73						µg/L		
		Antimony, total recoverable	3.8			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<4.4	1	JV	µg/L	GE	0
		Barium, total recoverable	20			20	1		µg/L	GE	0
	■	Benzene	<1.7			*43*	1		µg/L	GE	2
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	970						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14	*-5.7E+00*			*2.4E+00*	1	UI	pCi/L	GP	0
		Chloride	2,900						µg/L		
		Chlorobenzene	<1.7			49	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			<4.0	1		µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
	■	1,1-Dichloroethylene	<1.7			*45*	1		µg/L	GE	2
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<1.2	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	3.7E+00			4.3E+00	1	I	pCi/L	GP	0
		Iron, total recoverable	5.2						µg/L		
		Lead, total recoverable	<5.0			<5.0	1		µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	1,000						µg/L		
		Manganese, total recoverable	<3.3						µg/L		
		Mercury, total recoverable	<0.33			<0.20	1		µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	2,300						µg/L		
		Nonvolatile beta	2.4E+00			3.7E+00	1	I	pCi/L	GP	0
		pH	4.8						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	<830						µg/L		
		Radium, total alpha-emitting	1.6E+00			1.2E+00	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	6,200						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	2,100						µg/L		
		Specific conductance	39						µS/cm		
		Sulfate	<1,700			<1,000	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
		Toluene	<1.7			53	1		µg/L	GE	0
		Total dissolved solids	33,000						µg/L		
		Total organic carbon	<1,700			<580	1	JV	µg/L	GE	0
		Total organic halogens	110			10	1		µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.5E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
	■	Trichloroethylene	<1.7			***42***	1		µg/L	GE	2
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
		Tritium	2.0E+01			1.9E+01	1	I	pCi/mL	GP	1
●		Turbidity	0.39			0.72	1	JV1	NTU	GE	
		Uranium-233/234	*7.8E-02*						pCi/L		
		Uranium-235	*-2.5E-02*						pCi/L		
		Uranium-238	*1.6E-03*						pCi/L		
		Vanadium, total recoverable	<13			<10	1		µg/L	GE	0
		Xylenes	<3.3						µg/L		
		Zinc, total recoverable	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGO 3A

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N75561.7 E58806.8	33.288844 °N 81.658727 °W	113.7-103.7 ft msl	291.9 ft msl	2" PVC	V	U. Congaree (IIA)

SAMPLE DATE: 02/08/95 (1Q95); 10/06/95 (4Q95)

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	163.0			163.4	ft msl
pH	7.0			6.7	pH
Sp. conductance	147			123	µS/cm
Water temperature	19.8			21.5	°C
Alkalinity as $CaCO_3$	59			44	mg/L
Turbidity	3			3	NTU
Volume purged	4.7			2.3	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				54,000	1		µg/L	GE	
		Aluminum, total recoverable	32			<66	1	V	µg/L	GE	0
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			2.0	1	J	µg/L	GE	0
		Barium, total recoverable	140			120	1		µg/L	GE	0
	■	Benzene	<1.7			*39*	1		µg/L	GE	2
		Boron, total recoverable	<50			<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	23,000			22,000	1	V	µg/L	GE	
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*6.4E+00*	1	UI	pCi/L	GP	0
		Chloride	2,700			7,900	1		µg/L	GE	0
		Chlorobenzene	<1.7			46	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	4.7			5.1	1		µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
	■	1,1-Dichloroethylene	<1.7			*42*	1		µg/L	GE	2
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<1.2	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	150			1,200	1		µg/L	GE	0
		Gross alpha	1.1E+00			*6.3E-01*	1	UI	pCi/L	GP	0
		Iron, total recoverable	38			67	1		µg/L	GE	0
		Lead, total recoverable	<5.0			1.2	1	J	µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	6.1			<25	1		µg/L	GE	0
		Magnesium, total recoverable	910			910	1		µg/L	GE	
		Manganese, total recoverable	96			63	1	V	µg/L	GE	2
		Mercury, total recoverable	<0.33			<0.19	1	JV	µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	6.1			4.5	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	<83			1,000	1	V	µg/L	GE	0
		Nonvolatile beta	*1.0E+00*			*1.3E+00*	1	UI	pCi/L	GP	0
●		pH	6.8			7.3	1	J1	pH	GE	0
		Phenols	<8.3			52	1		µg/L	GE	2
		Potassium, total recoverable	1,100			1,000	1		µg/L	GE	
		Radium, total alpha-emitting	*2.0E-01*			4.0E-01	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3			1.9	1	J	µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
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H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	25,000			24,000	1	JV	µg/L	GE	
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	5,600			3,100	1	V	µg/L	GE	
		Specific conductance	150			140	1		µS/cm	GE	0
		Sulfate	7,800			19,000	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	3.6			<50	1		µg/L	GE	0
		Toluene	<1.7			50	1		µg/L	GE	0
		Total activity	1.6E+05			2.7E+05	1	I	pCi/L	EM	
		Total dissolved solids	110,000			96,000	1		µg/L	GE	
		Total organic carbon	<1,700			16,000	1	V	µg/L	GE	2
		Total organic halogens	65			110	1		µg/L	GE	2
		Total phosphates (as P)	190			170	1		µg/L	GE	
		Toxaphene	<0.40						µg/L		o
		2,4,5-TP (Silvex)	<7.5E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
	■	Trichloroethylene	<1.7			*39*	1		µg/L	GE	2
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	***2.0E+02***			***5.6E+02***	1	I	pCi/mL	GP	2
●		Turbidity	1.5			1.6	1	J1	NTU	GE	
		Uranium-233/234	*2.1E-01*						pCi/L		
		Uranium-235	*0.0E+00*						pCi/L		
		Uranium-238	*1.2E-01*						pCi/L		
		Vanadium, total recoverable	<13			0.70	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

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WELL BGO 3C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N75550,4 E58806,4	33.288818 °N 81.658706 °W	188.7-178.7 ft msl	291.9 ft msl	2" PVC	V	Barnwell (IIB1)

SAMPLE DATE 02/08/95 10/06/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	227.1			226.9	ft msl
pH	6.3			6.7	pH
Sp. conductance	72			58	µS/cm
Water temperature	19.4			22.6	°C
Alkalinity as $CaCO_3$	24			17	mg/L
Turbidity	61			31	NTU
Volume purged	4.2			2.8	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				18,000	1		µg/L	GE	
		Aluminum, total recoverable	230			430	1	V	µg/L	GE	2
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<3.8	1	JV	µg/L	GE	0
		Barium, total recoverable	44			38	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable	<50			14	1	J	µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	1,500			1,000	1	V	µg/L	GE	
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*-8.8E+00*	1	UI	pCi/L	GP	0
		Chloride	2,300			2,200	1		µg/L	GE	0
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	4.0			4.7	1		µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<1.5	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	120			1,100	1		µg/L	GE	0
		Gross alpha	1.7E+00			8.0E-01	1	I	pCi/L	GP	0
		Iron, total recoverable	130			460	1		µg/L	GE	2
		Lead, total recoverable	<5.0			<5.0	1		µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	300			180	1		µg/L	GE	
		Manganese, total recoverable	24			12	1		µg/L	GE	0
		Mercury, total recoverable	<0.33			<0.20	1		µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	5.2			1.1	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	560			10	1	JV	µg/L	GE	0
		Nonvolatile beta	*3.4E-01*			1.7E+00	1	I	pCi/L	GP	0
●		pH	6.3			5.8	1	J1	pH	GE	0
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	<830			420	1	J	µg/L	GE	
		Radium, total alpha-emitting	*0.0E+00*			*0.0E+00*	1	UI	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
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H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	14,000			13,000	1	V	µg/L	GE	
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	13,000			11,000	1	V	µg/L	GE	
		Specific conductance	74			63	1		µS/cm	GE	0
		Sulfate	9,500			14,000	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total activity	-1.4E+04						pCi/L		
		Total dissolved solids	72,000			59,000	1		µg/L	GE	
		Total organic carbon	<1,700			<560	1	JV	µg/L	GE	0
		Total organic halogens	27			<10	1		µg/L	GE	0
		Total phosphates (as P)	120			<50	1		µg/L	GE	0
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.5E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
		Tritium	9.8E+00			1.3E+01	1	I	pCi/mL	GP	1
●		Turbidity	48			23	1	JV1	NTU	GE	
		Uranium-233/234	*6.2E-02*						pCi/L		
		Uranium-235	*-5.6E-03*						pCi/L		
		Uranium-238	*2.0E-01*						pCi/L		
		Vanadium, total recoverable	<13			2.2	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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NELL BGO 3D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N75351.3 E58809.2	33.288382 °N 81.658312 °W	247.6-227.6 ft msl	292.7 ft msl	4" PVC	S	Water Table (IIB2)

SAMPLE DATE	02/09/95			10/12/95	
FIELD DATA					
Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	235.2			235.2	ft msl
pH	4.4			3.9	pH
Sp. conductance	52			48	µS/cm
Water temperature	7.8			22.0	°C
Alkalinity as $CaCO_3$	0			0	mg/L
Turbidity	8			15	NTU
Volume purged	0.80			0.80	well volume
Sampling code	X			X	

ANALYTICAL DATA

FI	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<16						µg/L		
		Alkalinity (as $CaCO_3$)				<5,000	1		µg/L	GE	0
		Aluminum, total recoverable	200						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Barium, total recoverable	6.9			7.2	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	28						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14	5.5E+01			4.6E+01	1	I	pCi/L	GP	0
		Chloride	5,600						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			0.91	1	J	µg/L	GE	0
		Copper, total recoverable	8.8						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.10						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	3.5E+00			2.0E+00	1	I	pCi/L	GP	0
		Iron, total recoverable	40						µg/L		
		Lead, total recoverable	<5.0			4.0	1	J	µg/L	GE	0
		Lindane	<0.083						µg/L		
		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	410						µg/L		
		Manganese, total recoverable	17						µg/L		
		Mercury, total recoverable	<0.33			<0.20	1		µg/L	GE	0
		Methoxychlor	<0.0083						µg/L		
		Naphthalene	<16						µg/L		
		Nickel, total recoverable	5.5			<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	2,000						µg/L		
		Nonvolatile beta	2.6E+00			3.0E+00	1	I	pCi/L	GP	0
		pH	4.3						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	<830						µg/L		
		Radium, total alpha-emitting	1.6E+00			1.2E+00	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<1.5	1	JV	µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

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H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	7,000						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	5,400						µg/L		
		Specific conductance	51						µS/cm		
		Sulfate	<1,700			330	1	J	µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	2.7			1.8	1	J	µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	29,000						µg/L		
		Total organic carbon	<1,700			1,100	1		µg/L	GE	0
		Total organic halogens	64			40	1		µg/L	GE	1
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<4.0						µg/L		
		2,4,5-TP (Silvex)	<7.5E-04						µg/L		
		1,1,1-Trichloroethane	2.2			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			1.1	1	J	µg/L	GE	0
	■	Tritium	***5.4E+01***			***5.9E+01***	1	I	pCi/mL	GP	2
		Turbidity	12			24	1	V	NTU	GE	
		Uranium-233/234	*9.5E-02*						pCi/L		
		Uranium-235	*3.0E-02*						pCi/L		
		Uranium-238	*1.9E-02*						pCi/L		
		Vanadium, total recoverable	<13			<1.1	1	JV	µg/L	GE	0
		Xylenes	<3.3						µg/L		
		Zinc, total recoverable	10						µg/L		

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WELL BGO 4D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N76150.1 E58803.7	33.290140 °N 81.659878 °W	240.6-220.6 ft msl	297.5 ft msl	4" PVC	S	Water Table (IIB2)

SAMPLE DATE	02/07/95	10/17/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	230.8			231.4	ft msl
pH	6.2			5.7	pH
Sp. conductance	45			52	µS/cm
Water temperature	8.6			16.4	°C
Alkalinity as $CaCO_3$	9			2	mg/L
Turbidity	25			6	NTU
Volume purged	0.15			0.28	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				13,000	1		µg/L	GE	
		Aluminum, total recoverable	200						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<4.2	1	JV	µg/L	GE	0
		Barium, total recoverable	6.6			7.2	1	V	µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	6,100						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14	*-8.1E-01*			*2.0E+00*	1	UI	pCi/L	GP	0
		Chloride	1,400						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			4.1	1		µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.10						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	2.4E+00			1.2E+00	1	I	pCi/L	GP	0
		Iron, total recoverable	140						µg/L		
		Lead, total recoverable	15			8.9	1		µg/L	GE	0
		Lindane	<0.083						µg/L		
		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	270						µg/L		
		Manganese, total recoverable	11						µg/L		
		Mercury, total recoverable	<0.33			0.029	1	J	µg/L	GE	0
		Methoxychlor	<0.0083						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	9.6			4.4	1	JV	µg/L	GE	0
		Nitrate-nitrite as nitrogen	680						µg/L		
		Nonvolatile beta	5.2E+00			2.2E+00	1	I	pCi/L	GP	0
		pH	6.0						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	<830						µg/L		
		Radium, total alpha-emitting	1.0E+00			9.0E-01	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	9,500						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	1,900						µg/L		
		Specific conductance	47						µS/cm		
		Sulfate	1,900			1,100	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	50,000						µg/L		
		Total organic carbon	<1,700			690	1	J	µg/L	GE	0
		Total organic halogens	<8.3			2.5	1	J	µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<4.0						µg/L		
		2,4,5-TP (Silvex)	<7.5E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	*3.1E+01*			*2.6E+01*	1	I	pCi/mL	GP	2
		Turbidity	21			7.9	1	V	NTU	GE	
		Uranium-233/234	*4.2E-02*						pCi/L		
		Uranium-235	*1.0E-02*						pCi/L		
		Uranium-238	*1.2E-03*						pCi/L		
		Vanadium, total recoverable	<13			0.42	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		
		Zinc, total recoverable	160						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
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WELL BGO 5C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N76476.9 E58794.5	33.290848 °N 81.660537 °W	193.2-183.2 ft msl	296.1 ft msl	4" PVC	S	McBean (IIB1)

SAMPLE DATE 02/07/95 10/12/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	215.5			216.1	ft msl
pH	6.4			4.8	pH
Sp. conductance	45			45	µS/cm
Water temperature	14.1			21.1	°C
Alkalinity as $CaCO_3$	10			9	mg/L
Turbidity	9			8	NTU
Volume purged	0.80			0.65	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				16,000	1		µg/L	GE	
		Aluminum, total recoverable	460						µg/L		
		Antimony, total recoverable	3.0			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Barium, total recoverable	9.2			11	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			0.18	1	J	µg/L	GE	0
		Calcium, total recoverable	5,500						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14	*-4.1E+00*			*-4.6E+00*	1	UI	pCi/L	GP	0
		Chloride	1,900						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	7.2			7.4	1		µg/L	GE	0
		Copper, total recoverable	6.4						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	56						µg/L		
		Gross alpha	*6.1E-01*			8.2E-01	1	I	pCi/L	GP	0
		Iron, total recoverable	76						µg/L		
		Lead, total recoverable	<5.0			2.2	1	J	µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	420						µg/L		
		Manganese, total recoverable	26						µg/L		
		Mercury, total recoverable	<0.33			<0.20	1		µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			1.4	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	1,100						µg/L		
		Nonvolatile beta	1.7E+00			1.9E+00	1	I	pCi/L	GP	0
		pH	6.3						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	<830						µg/L		
		Radium, total alpha-emitting	*2.0E-01*			*1.0E-01*	1	UI	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
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H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	14,000						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	1,800						µg/L		
		Specific conductance	42						µS/cm		
		Sulfate	<1,700			580	1	J	µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	49,000						µg/L		
		Total organic carbon	<1,700			510	1	J	µg/L	GE	0
		Total organic halogens	<8.3			3.5	1	J	µg/L	GE	0
		Total phosphates (as P)	220						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.6E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	***3.1E+01***			***4.3E+01***	1	I	pCi/mL	GP	2
		Turbidity	87			5.7	1	V	NTU	GE	
		Uranium-233/234	*4.6E-02*						pCi/L		
		Uranium-235	*6.0E-03*						pCi/L		
		Uranium-238	*4.0E-02*						pCi/L		
		Vanadium, total recoverable	<13			<0.89	1	JV	µg/L	GE	0
		Xylenes	<3.3						µg/L		
		Zinc, total recoverable	32						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGO 5D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N76477.5 E58784.8	33.290833 °N 81.660564 °W	239.3-219.3 ft msl	296.3 ft msl	4" PVC	S	Water Table (IIB2)

SAMPLE DATE 02/07/95 10/12/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	230.4			231.0	ft msl
pH	5.1			4.5	pH
Sp. conductance	36			42	µS/cm
Water temperature	10.4			22.2	°C
Alkalinity as $CaCO_3$	0			1	mg/L
Turbidity	7			3	NTU
Volume purged	0.55			1.4	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<18						µg/L		
		Alkalinity (as $CaCO_3$)				<5,000	1		µg/L	GE	0
		Aluminum, total recoverable	73						µg/L		
		Antimony, total recoverable	5.1			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	2.7			<5.0	1		µg/L	GE	0
		Barium, total recoverable	47			52	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	650						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14	*-4.6E+00*			*-1.6E+00*	1	UI	pCi/L	GP	0
		Chloride	3,900						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			0.91	1	J	µg/L	GE	0
		Copper, total recoverable	8.8						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0026						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	0.034						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	3.5E+00			4.8E+00	1	I	pCi/L	GP	0
		Iron, total recoverable	33						µg/L		
		Lead, total recoverable	<5.0			130	1		µg/L	GE	2
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	910						µg/L		
		Manganese, total recoverable	22						µg/L		
		Mercury, total recoverable	<0.33			<0.20	1		µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<18						µg/L		
		Nickel, total recoverable	<6.7			10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	1,400						µg/L		
		Nonvolatile beta	2.0E+00			3.1E+00	1	I	pCi/L	GP	0
		pH	5.0						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	<830						µg/L		
		Radium, total alpha-emitting	3.7E+00			2.2E+00	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
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H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	7,700						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	3,100						µg/L		
		Specific conductance	35						µS/cm		
		Sulfate	<1,700			93	1	J	µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	39,000						µg/L		
		Total organic carbon	1,500			1,300	1		µg/L	GE	0
		Total organic halogens	5.1			4.0	1	J	µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.8E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	1.6E+01			*1.6E+03*	1	I	pCi/mL	GP	2
		Turbidity	4.7			<2.2	1	V	NTU	GE	0
		Uranium-233/234	*6.6E-02*						pCi/L		
		Uranium-235	*1.0E-02*						pCi/L		
		Uranium-238	*5.0E-02*						pCi/L		
		Vanadium, total recoverable	<13			<0.60	1	JV	µg/L	GE	0
		Xylenes	<3.3						µg/L		
		Zinc, total recoverable	5.6						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGO 6A

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N76487.2 E58316.8	33.290091 °N 81.661815 °W	117.5-107.5 ft msl	285.6 ft msl	4" PVC	S	U. Congaree (IIA)

SAMPLE DATE 01/25/95 10/04/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	159.2			159.7	ft msl
pH	8.4			5.2	pH
Sp. conductance	293			282	µS/cm
Water temperature	19.8			20.4	°C
Alkalinity as $CaCO_3$	132			47	mg/L
Turbidity	0			0	NTU
Volume purged	4.8			2.8	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<11						µg/L		
		Alkalinity (as $CaCO_3$)				43,000	1		µg/L	GE	
		Aluminum, total recoverable	<33						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	2.8			5.2	1		µg/L	GE	0
		Barium, total recoverable	48			45	1	V	µg/L	GE	0
	■	Benzene	<1.7			22	1		µg/L	GE	2
		Boron, total recoverable				<14	1	JV	µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			0.13	1	J	µg/L	GE	0
		Calcium, total recoverable	62,000						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14	*-7.1E-01*			*2.3E+00*	1	UI	pCi/L	GP	0
		Chloride	3,000						µg/L		
		Chlorobenzene	<1.7			22	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			<4.0	1		µg/L	GE	0
		Copper, total recoverable	3.0						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
	■	1,1-Dichloroethylene	<1.7			22	1		µg/L	GE	2
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	*7.5*			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0024						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.0097						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	78						µg/L		
		Gross alpha	1.7E+00			9.3E-01	1	I	pCi/L	GP	0
		Iron, total recoverable	52						µg/L		
		Lead, total recoverable	2.2			1.4	1	J	µg/L	GE	0
		Lindane	<0.0081						µg/L		
		Lithium, total recoverable	0.67			<25	1		µg/L	GE	0
		Magnesium, total recoverable	1,700						µg/L		
		Manganese, total recoverable	4.3						µg/L		
		Mercury, total recoverable	<0.089			0.34	1	V	µg/L	GE	0
		Methoxychlor	<0.53						µg/L		
		Naphthalene	<11						µg/L		
		Nickel, total recoverable	2.5			<10	1		µg/L	GE	0
		Nitrate as nitrogen	<60						µg/L		
		Nitrate-nitrite as nitrogen	<83						µg/L		
		Nonvolatile beta	2.0E+00			2.0E+00	1	I	pCi/L	GP	0
		pH	7.4						pH		
		Phenols	<8.3			<10	1		µg/L	GE	0
		Potassium, total recoverable	860						µg/L		
		Radium, total alpha-emitting	1.5E+00			5.0E-01	1	IV	pCi/L	GP	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
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H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Silica, total recoverable	42,000						µg/L		
		Silver, total recoverable	<1.4			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	2,200						µg/L		
		Specific conductance	300						µS/cm		
		Sulfate	10,000			8,400	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<2.7			<50	1		µg/L	GE	0
		Toluene	<1.7			20	1		µg/L	GE	0
		Total dissolved solids	220,000						µg/L		
		Total organic carbon	1,600			2,300	1	V	µg/L	GE	0
		Total organic halogens	<8.3			<10	1		µg/L	GE	0
		Total phosphates (as P)	50						µg/L		
		Toxaphene	<0.39						µg/L		
		2,4,5-TP (Silvex)	<7.3E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
	■	Trichloroethylene	<1.7			**22**	1		µg/L	GE	2
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
		Tritium	8.4E-01			*-7.6E-02*	1	UI	pCi/mL	GP	0
		Turbidity	0.32			0.62	1		NTU	GE	
		Uranium-233/234	*1.7E-01*						pCi/L		
		Uranium-234	2.2E-01						pCi/L		
		Uranium-235	*0.0E+00*						pCi/L		
		Uranium-238	2.1E-01						pCi/L		
		Vanadium, total recoverable	<13			<0.58	1	JV	µg/L	GE	0
		Xylenes	<3.3						µg/L		
		Zinc, total recoverable	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

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WELL BGO 6B

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N76553.2 E58346.5	33.290286 °N 81.661865 °W	149.7-139.7 ft msl	286.8 ft msl	4" PVC	S	M. Barnwell/McBean

SAMPLE DATE	01/25/95			10/03/95	
FIELD DATA					
Parameter	**1Q95**	**2Q95**	**3Q95**	**4Q95**	**Unit**
Water elevation	218.7			219.6	ft msl
pH	8.9			11.5	pH
Sp. conductance	173			688	µS/cm
Water temperature	16.9			20.1	°C
Alkalinity as $CaCO_3$	73			83	mg/L
Turbidity	2			1	NTU
Volume purged	0.79			0.76	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				190,000	1		µg/L	GE	
		Aluminum, total recoverable	<33						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Barium, total recoverable	73			360	1	V	µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<19	1	JV	µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	29,000						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*-7.7E-01*	1	UI	pCi/L	GP	0
		Chloride	2,700						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			4.1	1		µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0024						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	*1.0E+00*			2.5E+00	1	I	pCi/L	GP	0
		Iron, total recoverable	62						µg/L		
		Lead, total recoverable	<5.0			1.8	1	J	µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	39			390	1		µg/L	GE	2
		Magnesium, total recoverable	800						µg/L		
		Manganese, total recoverable	<3.3						µg/L		
		Mercury, total recoverable	<0.33			<0.033	1	JV	µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			1.1	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	380						µg/L		
		Nonvolatile beta	1.9E+00			1.3E+01	1	I	pCi/L	GP	0
		pH	8.8						pH		
		Phenols	<8.3			<10	1		µg/L	GE	0
		Potassium, total recoverable	2,800						µg/L		
		Radium, total alpha-emitting	1.5E+00			2.1E+00	1	IV	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	19,000						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	5,000						µg/L		
		Specific conductance	180						µS/cm		
		Sulfate	4,400			240	1	J	µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	4.0			1.3	1	J	µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	120,000						µg/L		
		Total organic carbon	1,700			1,400	1	V	µg/L	GE	0
		Total organic halogens	<8.3			<10	1		µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.3E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	*3.8E+01*			*4.0E+02*	1	I	pCi/mL	GP	2
		Turbidity	0.65			1.4	1		NTU	GE	
		Uranium-233/234	*1.4E-01*						pCi/L		
		Uranium-235	*3.7E-02*						pCi/L		
		Uranium-238	*9.2E-02*						pCi/L		
		Vanadium, total recoverable	<13			2.9	1	JV	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
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WELL BGO 6C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N76487.1 E58307.0	33.290075 °N 81.661841 °W	168.0-158.0 ft msl	285.6 ft msl	4" PVC	S	McBean (IIB1)

SAMPLE DATE	01/25/95			10/04/95	

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	219.7			220.9	ft msl
pH	7.8			4.9	pH
Sp. conductance	123			120	µS/cm
Water temperature	19.1			20.6	°C
Alkalinity as $CaCO_3$	46			50	mg/L
Turbidity	0			1	NTU
Volume purged	2.8			2.8	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				90,000	1		µg/L	GE	
		Aluminum, total recoverable	30						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			2.8	1	J	µg/L	GE	0
		Barium, total recoverable	10			10	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	22,000						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14	*-2.8E+01*			*8.8E+00*	1	UI	pCi/L	GP	0
		Chloride	2,300						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			2.1	1	J	µg/L	GE	0
		Copper, total recoverable	31						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	44						µg/L		
		Gross alpha	*7.7E-01*			*2.8E-01*	1	UI	pCi/L	GP	0
		Iron, total recoverable	38						µg/L		
		Lead, total recoverable	<5.0			3.7	1	J	µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	520						µg/L		
		Manganese, total recoverable	<3.3						µg/L		
		Mercury, total recoverable	<0.33			<0.19	1	JV	µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	1,200						µg/L		
		Nonvolatile beta	*1.1E+00*			2.0E+00	1	I	pCi/L	GP	0
		pH	7.1						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	<830						µg/L		
		Radium, total alpha-emitting	*-2.0E-01*			1.3E+00	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	11,000						µg/L		
		Silver, total recoverable	2.2			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	1,900						µg/L		
		Specific conductance	120						µS/cm		
		Sulfate	1,500			620	1	J	µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total activity	1.1E+06			2.4E+06	10	I	pCi/L	EM	
		Total dissolved solids	120,000						µg/L		
		Total organic carbon	<1,700			1,700	1	V	µg/L	GE	0
		Total organic halogens	20			11	1		µg/L	GE	0
		Total phosphates (as P)	130						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.5E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	***1.2E+03***			***2.7E+03***	1	I	pCi/mL	GP	2
●		Turbidity	0.28			0.86	1	J1	NTU	GE	
		Uranium-233/234	*6.0E-02*						pCi/L		
		Uranium-235	*-8.2E-03*						pCi/L		
		Uranium-238	*1.3E-01*						pCi/L		
		Vanadium, total recoverable	<13			2.1	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		
		Zinc, total recoverable	4.7						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGO 6D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N76487.3 E58297.1	33.290059 °N 81.661867 °W	237.2-217.2 ft msl	285.5 ft msl	4" PVC	S	Water Table (IIB2)

SAMPLE DATE 01/25/95 10/26/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	231.0			231.7	ft msl
pH	8.2			6.6	pH
Sp. conductance	135			204	µS/cm
Water temperature	18.5			14.7	°C
Alkalinity as $CaCO_3$	50			48	mg/L
Turbidity	9			3	NTU
Volume purged	0.88			0.84	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Aldrin	<0.083						µg/L		
		Alkalinity (as $CaCO_3$)				70,000	1		µg/L	GE	
		Aluminum, total recoverable	250						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Barium, total recoverable	31			29	1	V	µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				13	1	J	µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	24,000						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14	*-2.7E+01*			*5.7E-01*	1	UI	pCi/L	GP	0
		Chloride	1,700						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			0.63	1	J	µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		p,p'-DDT	<0.17						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	2.2			1.5	1	J	µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	6.8			3.6	1		µg/L	GE	1
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Dieldrin	<0.83						µg/L		
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	6.0E+00			3.2E+00	1	I	pCi/L	GP	0
		Heptachlor	<0.083						µg/L		
		Iron, total recoverable	170						µg/L		
		Lead, total recoverable	13			19	1		µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	1,500						µg/L		
		Manganese, total recoverable	19						µg/L		
		Mercury, total recoverable	<0.33			<0.20	1		µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			5.2	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	660						µg/L		
		Nonvolatile beta	*1.7E+00*			3.1E+00	1	I	pCi/L	GP	0
		pH	7.0						pH		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
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H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	610						µg/L		
		Radium, total alpha-emitting	*2.0E-01*			*7.0E-01*	1	UIV	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Silica, total recoverable	11,000						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	2,700						µg/L		
		Specific conductance	160						µS/cm		
		Sulfate	2,200			2,400	1		µg/L	GE	0
		2,4,5-T	<8.0E-04						µg/L		
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tetrachloroethylene	***7.2***			*6.4*	1		µg/L	GE	2
		Tin, total recoverable	10			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total activity	5.7E+06			6.4E+06	10	I	pCi/L	EM	°
		Total dissolved solids	98,000						µg/L		
●		Total organic carbon	1,100			960	1	JV1	µg/L	GE	0
		Total organic halogens	61			49	1		µg/L	GE	1
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.5E-04						µg/L		
		1,1,1-Trichloroethane	2.2			1.8	1	J	µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
	■	Trichloroethylene	***67***			*46*	1		µg/L	GE	2
		Trichlorofluoromethane	3.6			3.2	1		µg/L	GE	0
	■	Tritium	***6.0E+03***			***7.1E+03***	1	I	pCi/mL	GP	2
●		Turbidity	17			3.4	1	J1	NTU	GE	
		Uranium-233/234	*9.1E-02*						pCi/L		
		Uranium-235	*-1.2E-02*						pCi/L		
		Uranium-238	*1.5E-01*						pCi/L		
		Vanadium, total recoverable	<13			1.0	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		
		Zinc, total recoverable	28						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

VELL BGO 7D

RS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
176494.5 157917.2	33.289455 °N 81.662882 °W	240.2-220.2 ft msl	287 ft msl	4" PVC	S	Water Table (IIB2)

AMPLE DATE	01/20/95	10/25/95

IELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	232.1			232.6	ft msl
pH	4.8			4.9	pH
Sp. conductance	24			23	µS/cm
Water temperature	19.1			19.4	°C
Alkalinity as $CaCO_3$	0			0	mg/L
Turbidity	1			0	NTU
Volume purged	13			15	well volume
Sampling code					

NALYTICAL DATA

1	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				<5,000	1		µg/L	GE	0
		Aluminum, total recoverable	30						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			3.4	1	J	µg/L	GE	0
		Barium, total recoverable	6.7			6.5	1		µg/L	GE	0
		Benzene	<1.7			<4.0	2		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<4.0	2		µg/L	GE	0
		Bromoform	<1.7			<4.0	2		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<4.0	2		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	710						µg/L		
		Carbon tetrachloride	<1.7			<4.0	2		µg/L	GE	0
		Carbon-14	*-3.6E+00*			*1.9E+00*	1	UI	pCi/L	GP	0
		Chloride	2,600						µg/L		
		Chlorobenzene	<1.7			<4.0	2		µg/L	GE	0
		Chloroethane	<1.7			<4.0	2		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<4.0	2		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<20	2		µg/L	GE	0
		Chloroform	1.1			<4.0	2		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<4.0	2		µg/L	GE	0
		Chromium, total recoverable	<6.7			<4.0	1		µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<4.0	2		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<4.0	2		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<4.0	2		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<4.0	2		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<4.0	2		µg/L	GE	0
		Dichloromethane	<1.7			<2.9	2	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<4.0	2		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<4.0	2		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<4.0	2		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<4.0	2		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	2.6E+00			1.0E+00	1	I	pCi/L	GP	0
		Iron, total recoverable	16						µg/L		
		Lead, total recoverable	<5.0			<2.1	1	JV	µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	450						µg/L		
		Manganese, total recoverable	11						µg/L		
		Mercury, total recoverable	<0.33			<0.078	1	JV	µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	580						µg/L		
		Nonvolatile beta	*1.1E+00*			*5.5E-01*	1	UI	pCi/L	GP	0
		pH	5.0						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	<830						µg/L		
		Radium, total alpha-emitting	1.0E+00			5.0E-01	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	8,100						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	1,900						µg/L		
		Specific conductance	26						µS/cm		
		Sulfate	1,600			560	1	J	µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<4.0	2		µg/L	GE	0
		Tetrachloroethylene	2.3			<4.0	2		µg/L	GE	0
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
		Toluene	<1.7			<4.0	2		µg/L	GE	0
		Total activity	4.4E+05			4.9E+05	1	I	pCi/L	EM	
		Total dissolved solids	20,000						µg/L		
		Total organic carbon	<1,700			390	1	J	µg/L	GE	0
		Total organic halogens	<8.3			19	1		µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.4E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<4.0	2		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<4.0	2		µg/L	GE	0
	■	Trichloroethylene	*33*			*19*	2		µg/L	GE	2
		Trichlorofluoromethane	<1.7			<4.0	2		µg/L	GE	0
	■	Tritium	***4.4E+02***			***5.3E+02***	1	I	pCi/mL	GP	2
		Turbidity	0.29			<0.10	1		NTU	GE	0
		Uranium-233/234	*8.3E-02*						pCi/L		
		Uranium-235	*4.4E-02*						pCi/L		
		Uranium-238	*1.7E-01*						pCi/L		
		Vanadium, total recoverable	<13			0.35	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		
		Zinc, total recoverable	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGO 8AR

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

SAMPLE DATE: 01/24/95 | 10/02/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	162.0			165.8	ft msl
pH	7.8			7.9	pH
Sp. conductance	235			223	µS/cm
Water temperature	19.5			21.7	°C
Alkalinity as $CaCO_3$	104			28	mg/L
Turbidity	0			0	NTU
Volume purged	2.4			2.1	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<16						µg/L		
		Alkalinity (as $CaCO_3$)				120,000	1		µg/L	GE	
		Aluminum, total recoverable	42						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			4.0	1	J	µg/L	GE	0
		Barium, total recoverable	20			22	1	V	µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<13	1	V	µg/L	WA	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	44,000						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14	*-1.8E+00*			*8.5E-01*	1	UI	pCi/L	GP	0
		Chloride	2,900						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			<4.0	1		µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethylene				<5.0	1	Y	µg/L	WA	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.0098						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	*4.8E-01*			*2.7E-02*	1	UI	pCi/L	GP	0
		Iron, total recoverable	6.0						µg/L		
		Lead, total recoverable	<5.0			<2.1	1	JV	µg/L	WA	0
		Lindane	<0.0082						µg/L		
		Lithium, total recoverable	8.1			5.4	1	V	µg/L	WA	0
		Magnesium, total recoverable	1,200						µg/L		
		Manganese, total recoverable	8.9			4.3	1		µg/L	GE	0
		Mercury, total recoverable	<0.33			<0.20	1		µg/L	GE	0
		Methoxychlor	<0.82						µg/L		
		Naphthalene	<16						µg/L		
		Nickel, total recoverable	<6.7			0.70	1	J	µg/L	WA	0
		Nitrate-nitrite as nitrogen	<83						µg/L		
		Nonvolatile beta	1.6E+00			*-9.1E-02*	1	UI	pCi/L	GP	0
		pH	8.0						pH		
		Phenols	<8.3			<10	1		µg/L	GE	0
		Potassium, total recoverable	1,400						µg/L		
		Radium, total alpha-emitting	*3.0E-01*			*7.0E-02*	1	UI	pCi/L	TM	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Selenium, total recoverable	<3.3			<2.0	1	JV	µg/L	GE	0
		Silica, total recoverable	34,000						µg/L		
		Silver, total recoverable	<3.3			<0.15	1	JV	µg/L	WA	0
		Sodium, total recoverable	2,300						µg/L		
		Specific conductance	240						µS/cm		
		Sulfate	7,800			18,000	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<2.1	1	JV	µg/L	WA	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	170,000						µg/L		
		Total organic carbon	2,000			17,000	1		µg/L	GE	2
		Total organic halogens	<8.3			120	1		µg/L	GE	2
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.39						µg/L		
		2,4,5-TP (Silvex)	<7.5E-04						µg/L		
		Tributyl phosphate	<16						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
		Tritium	*7.6E-02*			*1.7E-01*	1	UI	pCi/mL	GP	0
		Turbidity	<0.17			0.20	1		NTU	GE	
		Uranium-233/234	2.2E+00						pCi/L		
		Uranium-235	*7.0E-02*						pCi/L		
		Uranium-238	1.5E+00						pCi/L		
		Vanadium, total recoverable	<13			1.3	1	J	µg/L	WA	0
		Xylenes	<3.3			<5.0	1	Y	µg/L	WA	0
		Zinc, total recoverable	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGO 8C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N76579.2 E57618.7	33.289156 °N 81.663832 °W	184.3-174.3 ft msl	287.9 ft msl	4" PVC	S	McBean (IIB1)

SAMPLE DATE	01/24/95	10/02/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	223.0			224.0	ft msl
pH	7.1			7.5	pH
Sp. conductance	129			119	µS/cm
Water temperature	19.3			20.2	°C
Alkalinity as $CaCO_3$	53			50	mg/L
Turbidity	1			1	NTU
Volume purged	2.9			3.2	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				51,000	1		µg/L	GE	
		Aluminum, total recoverable	210						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Barium, total recoverable	12			13	1	V	µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<19	1	JV	µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	23,000						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14	*5.8E+00*			*-1.5E+00*	1	UI	pCi/L	GP	0
		Chloride	2,700						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			3.2	1	J	µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	93						µg/L		
		Gross alpha	*5.9E-01*			*-3.0E-01*	1	UI	pCi/L	GP	0
		Iron, total recoverable	<6.7						µg/L		
		Lead, total recoverable	<5.0			<5.0	1		µg/L	GE	0
		Lindane	<0.0085						µg/L		
		Lithium, total recoverable	5.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	440						µg/L		
		Manganese, total recoverable	<3.3						µg/L		
		Mercury, total recoverable	<0.33			<0.20	1		µg/L	GE	0
		Methoxychlor	<0.85						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	520						µg/L		
		Nonvolatile beta	*1.3E+00*			*2.0E-01*	1	UI	pCi/L	GP	0
		pH	7.4						pH		
		Phenols	<8.3			<10	1		µg/L	GE	0
		Potassium, total recoverable	680						µg/L		
		Radium, total alpha-emitting	*-1.0E-01*			*2.0E-01*	1	UIV	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<1.5	1	JV	µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
									µg/L		
		Silica, total recoverable	13,000								
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	2,900						µg/L		
		Specific conductance	140						µS/cm		
		Sulfate	1,900			820	1	J	µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	78,000						µg/L		
		Total organic carbon	<1,700			<740	1	JV	µg/L	GE	0
		Total organic halogens	<8.3			85	1		µg/L	GE	2
		Total phosphates (as P)	86						µg/L		
		Toxaphene	<0.41						µg/L		
		2,4,5-TP (Silvex)	<7.4E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
		Tritium	1.6E+00			3.2E+00	1	I	pCi/mL	GP	0
		Turbidity	0.20			0.90	1		NTU	GE	
		Uranium-233/234	*3.7E-02*						pCi/L		
		Uranium-235	*-6.2E-03*						pCi/L		
		Uranium-238	*-1.9E-02*						pCi/L		
		Vanadium, total recoverable	<13			<0.90	1	JV	µg/L	GE	0
		Xylenes	<3.3						µg/L		
		Zinc, total recoverable	4.6						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WELL BGO 8D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N76588.8 E57617.8	33.289175 °N 81.663853 °W	240.6-220.6 ft msl	287.8 ft msl	4" PVC	S	Water Table (IIB2)

SAMPLE DATE 01/24/95 10/02/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	232.0			232.9	ft msl
pH	5.2			5.2	pH
Sp. conductance	24			22	µS/cm
Water temperature	18.9			20.8	°C
Alkalinity as $CaCO_3$	0			1	mg/L
Turbidity	0			0	NTU
Volume purged	9.0			20	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				<5,000	1		µg/L	GE	0
		Aluminum, total recoverable	29						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			2.6	1	J	µg/L	GE	0
		Barium, total recoverable	11			10	1	V	µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<11	1	JV	µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			0.12	1	J	µg/L	GE	0
		Calcium, total recoverable	640						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14	*5.5E+00*			2.8E+01	1	I	pCi/L	GP	0
		Chloride	2,400						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			<4.0	1		µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0024						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	3.0E+00			2.3E+00	1	JI	pCi/L	GP	0
		Iron, total recoverable	21						µg/L		
		Lead, total recoverable	<5.0			<5.0	1		µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	420						µg/L		
		Manganese, total recoverable	8.0						µg/L		
		Mercury, total recoverable	<0.33			<0.028	1	JV	µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	1,100						µg/L		
		Nonvolatile beta	1.5E+00			2.0E+00	1	I	pCi/L	GP	0
		pH	5.3						pH		
		Phenols	<8.3			<10	1		µg/L	GE	0
		Potassium, total recoverable	<830						µg/L		
		Radium, total alpha-emitting	1.3E+00			1.1E+00	1	IV	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	7,500						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	2,200						µg/L		
		Specific conductance	28						µS/cm		
		Sulfate	1,500			540	1	J	µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total activity				3.8E+05	1	I	pCi/L	EM	
		Total dissolved solids	25,000						µg/L		
		Total organic carbon	<1,700			<750	1	JV	µg/L	GE	0
		Total organic halogens	9.8			4.4	1	J	µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.3E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	1.6			4.9	1		µg/L	GE	0
	■	Tritium	***2.8E+02***			***3.8E+02***	1	I	pCi/mL	GP	2
●		Turbidity	0.64			0.12	1	J1	NTU	GE	
		Uranium-233/234	*2.0E-01*						pCi/L		
		Uranium-235	*0.0E+00*						pCi/L		
		Uranium-238	*3.0E-02*						pCi/L		
		Vanadium, total recoverable	<13			<0.41	1	JV	µg/L	GE	0
		Xylenes	<3.3						µg/L		
		Zinc, total recoverable	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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VELL BGO 9AA

iRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
176975.7 :57371.9	33.289630 °N 81.665252 °W	83.8-73.8 ft msl	284.8 ft msl	4" PVC	S	L. Congaree (IIA)

SAMPLE DATE	01/27/95		10/25/95	
FIELD DATA				
Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	158.0			158.2	ft msl
pH	12.7				pH
Sp. conductance	3990				µS/cm
Water temperature	17.4				°C
Alkalinity as $CaCO_3$	988				mg/L
Turbidity	2				NTU
Volume purged	0.80				well volume
Sampling code	X			P	

ANALYTICAL DATA

1	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Aluminum, total recoverable	730						µg/L		
		Antimony, total recoverable	<3.3						µg/L		
		Arsenic, total recoverable	<3.3						µg/L		
		Barium, total recoverable	640						µg/L		
		Benzene	<1.7						µg/L		
		Bromodichloromethane	<1.7						µg/L		
		Bromoform	<1.7						µg/L		
		Bromomethane (Methyl bromide)	<1.7						µg/L		
		Cadmium, total recoverable	<33						µg/L		
		Calcium, total recoverable	310,000						µg/L		
		Carbon tetrachloride	<1.7						µg/L		
		Chloride	320						µg/L		
		Chlorobenzene	<1.7						µg/L		
		Chloroethane	<1.7						µg/L		
		Chloroethene (Vinyl chloride)	<1.7						µg/L		
		2-Chloroethyl vinyl ether	<1.7						µg/L		
		Chloroform	<1.7						µg/L		
		Chloromethane (Methyl chloride)	<1.7						µg/L		
		Chromium, total recoverable	<67						µg/L		
		Copper, total recoverable	<67						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7						µg/L		
		1,1-Dichloroethane	<1.7						µg/L		
		1,2-Dichloroethane	<1.7						µg/L		
		1,1-Dichloroethylene	<1.7						µg/L		
		trans-1,2-Dichloroethylene	<1.7						µg/L		
		Dichloromethane	<1.7						µg/L		
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7						µg/L		
		cis-1,3-Dichloropropene	<1.7						µg/L		
		trans-1,3-Dichloropropene	<1.7						µg/L		
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7						µg/L		
		Fluoride	<250						µg/L		
		Gross alpha	1.1E+01						pCi/L		
		Iron, total recoverable	<67						µg/L		
		Lead, total recoverable	4.0						µg/L		
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	1,000						µg/L		
		Magnesium, total recoverable	<33						µg/L		
		Manganese, total recoverable	<33						µg/L		
		Mercury, total recoverable	<0.33						µg/L		
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<67						µg/L		
		Nitrate-nitrite as nitrogen	<83						µg/L		
		Nonvolatile beta	***7.9E+01***						pCi/L		
		pH	12						pH		
		Phenols	<8.3						µg/L		
		Potassium, total recoverable	110,000						µg/L		
		Radium, total alpha-emitting	6.1E+00						pCi/L		
		Selenium, total recoverable	<3.3						µg/L		
		Silica, total recoverable	1,300						µg/L		
		Silver, total recoverable	<33						µg/L		
		Sodium, total recoverable	52,000						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	8,700						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	1,900						µg/L		
		Specific conductance	25						µS/cm		
		Sulfate	1,500			540	1	J	µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total activity	4.5E+05			3.4E+05	1	I	pCi/L	EM	
		Total dissolved solids	21,000						µg/L		
		Total organic carbon	<1,700			1,100	1	V	µg/L	GE	0
		Total organic halogens	<8.3			<10	1		µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.39						µg/L		
		2,4,5-TP (Silvex)	<7.3E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	*4.5E+02*			*3.7E+02*	1	I	pCi/mL	GP	2
●		Turbidity	1.6			0.38	1	J1	NTU	GE	
		Uranium-233/234	*0.0E+00*						pCi/L		
		Uranium-235	*0.0E+00*						pCi/L		
		Uranium-238	*3.3E-02*						pCi/L		
		Vanadium, total recoverable	<13			<0.38	1	JV	µg/L	GE	0
		Xylenes	<3.3						µg/L		
		Zinc, total recoverable	8.5						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

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WELL BGO 10AA

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N76997.9 E56990.5	33.289057 °N 81.666300 °W	90.8-80.8 ft msl	300.7 ft msl	4" PVC	S	L. Congaree (IIA)

SAMPLE DATE	01/26/95			10/03/95	
FIELD DATA					
Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	157.6			158.1	ft msl
pH	8.0			6.8	pH
Sp. conductance	197			181	µS/cm
Water temperature	19.2			19.8	°C
Alkalinity as $CaCO_3$	80			73	mg/L
Turbidity	1			2	NTU
Volume purged	3.4			3.8	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				85,000	1	Y	µg/L	WA	
		Aluminum, total recoverable	<33						µg/L		
		Antimony, total recoverable	4.2			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			2.7	1	J	µg/L	GE	0
		Barium, total recoverable	46			44	1	V	µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<13	1	V	µg/L	WA	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			4.7	1		µg/L	GE	1
		Calcium, total recoverable	34,000						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*3.5E-01*	1	UI	pCi/L	GP	0
		Chloride	2,700						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			1.8	1	JY	µg/L	WA	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethylene				<5.0	1	Y	µg/L	WA	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	45						µg/L		
		Gross alpha	2.0E+00			1.2E+00	1	I	pCi/L	TM	0
		Iron, total recoverable	61						µg/L		
		Lead, total recoverable	<5.0			19	1		µg/L	GE	0
		Lindane	<0.0086						µg/L		
		Lithium, total recoverable	29			19	1	VY	µg/L	WA	0
		Magnesium, total recoverable	770						µg/L		
		Manganese, total recoverable	5.0						µg/L		
		Mercury, total recoverable	<0.33			<0.20	1		µg/L	GE	0
		Methoxychlor	<0.86						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			<5.4	1	Y	µg/L	WA	0
		Nitrate-nitrite as nitrogen	<83						µg/L		
		Nonvolatile beta	2.5E+00			2.2E+00	1	I	pCi/L	TM	0
		pH	7.4						pH		
		Phenols	<8.3			<10	1		µg/L	GE	0
		Potassium, total recoverable	3,000						µg/L		
		Radium, total alpha-emitting	4.0E-01			1.2E+00	1	I	pCi/L	TM	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
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H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Selenium, total recoverable	<3.3			<2.0	1	JV	µg/L	GE	0
		Silica, total recoverable	29,000						µg/L		
		Silver, total recoverable	<3.3			<0.26	1	JVY	µg/L	WA	0
		Sodium, total recoverable	3,100						µg/L		
		Specific conductance	190						µS/cm		
		Sulfate	6,600			7,200	1	Y	µg/L	WA	0
		2,4,5-T	<7.8E-04						µg/L		
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	6.4			<3.3	1	JV	µg/L	WA	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	170,000						µg/L		
		Total organic carbon	1,800			1,400	1	V	µg/L	GE	0
		Total organic halogens	20			100	1		µg/L	GE	2
		Total phosphates (as P)	170						µg/L		
		Toxaphene	<0.41						µg/L		
		2,4,5-TP (Silvex)	<7.5E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	1.3			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
		Tritium	*3.4E-01*			*-1.2E-02*	1	UI	pCi/mL	GP	0
		Turbidity	0.84			0.62	1		NTU	GE	
		Uranium-233/234	*1.0E-01*						pCi/L		
		Uranium-235	*3.6E-02*						pCi/L		
		Uranium-238	*2.4E-01*						pCi/L		
		Vanadium, total recoverable	<13			<0.51	1	JV	µg/L	GE	0
		Xylenes	<3.3			<5.0	1	Y	µg/L	WA	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

VELL BGO 10AR

iRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
176806.0 157063.8	33.288752 °N 81.665734 °W	106.5-96.5 ft msl	300.5 ft msl	4" PVC	S	U. Congaree (IIA)

iAMPLE DATE	01/27/95	10/03/95

iIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Vater elevation	158.2			158.6	ft msl
iH	8.1			8.6	pH
ip. conductance	244			202	µS/cm
Vater temperature	19.2			20.3	°C
Ilkalinity as $CaCO_3$	104			96	mg/L
urbidity	1			1	NTU
olume purged	4.2			3.2	well volume
ampling code					

NALYTICAL DATA

1	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<11						µg/L		
		Alkalinity (as $CaCO_3$)				100,000	1		µg/L	GE	
		Aluminum, total recoverable	94						µg/L		
		Antimony, total recoverable	<1.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<2.0			<5.0	1		µg/L	GE	0
		Barium, total recoverable	17			22	1	V	µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<29	1	JV	µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	47,000						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14	*1.3E+01*			*-4.8E+00*	1	UI	pCi/L	GP	0
		Chloride	2,700						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			<4.0	1		µg/L	GE	0
		Copper, total recoverable	3.9						µg/L		
		Cyanide	<1.8						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	2.3			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	73						µg/L		
		Gross alpha	1.7E+00			*5.6E-01*	1	UI	pCi/L	GP	0
		Iron, total recoverable	3.2						µg/L		
		Lead, total recoverable	1.8			<5.0	1		µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	3.6			20	1	J	µg/L	GE	0
		Magnesium, total recoverable	1,100						µg/L		
		Manganese, total recoverable	51						µg/L		
		Mercury, total recoverable	<0.15			<0.20	1		µg/L	GE	0
		Methoxychlor	<0.55						µg/L		
		Naphthalene	<11						µg/L		
		Nickel, total recoverable	1.4			<10	1		µg/L	GE	0
		Nitrate as nitrogen	56						µg/L		
		Nitrate-nitrite as nitrogen	490						µg/L		
		Nonvolatile beta	1.9E+00			2.0E+00	1	I	pCi/L	GP	0
		pH	7.7						pH		
		Phenols	<2.4			<10	1		µg/L	GE	0
		Potassium, total recoverable	1,100						µg/L		
		Radium, total alpha-emitting	7.0E-01			6.0E-01	1	IV	pCi/L	GP	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Selenium, total recoverable	2.6			<1.7	1	JV	µg/L	GE	0
		Silica, total recoverable	30,000						µg/L		
		Silver, total recoverable	<0.14			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	1,800						µg/L		
		Specific conductance	240						µS/cm		
		Sulfate	7,900			7,400	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	29			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	170,000						µg/L		
		Total organic carbon	1,300			920	1	JV	µg/L	GE	0
		Total organic halogens	<8.3			<10	1		µg/L	GE	0
		Total phosphates (as P)	71						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.8E-04						µg/L		
		Tributyl phosphate	<17						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
		Tritium	*-5.2E-02*			*-2.7E-02*	1	UI	pCi/mL	GP	0
		Turbidity	0.32			0.62	1		NTU	GE	
		Uranium-233/234	*4.0E-01*						pCi/L		
		Uranium-234	6.1E-01						pCi/L		
		Uranium-235	*0.0E+00*						pCi/L		
		Uranium-238	3.5E-01						pCi/L		
		Vanadium, total recoverable	<1.3			2.0	1	JV	µg/L	GE	0
		Xylenes	<3.3						µg/L		
		Zinc, total recoverable	<1.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

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WELL BGO 10B

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N76982.1 E56978.8	33.289003 °N 81.666300 °W	149.0-139.0 ft msl	301 ft msl	4" PVC	S	Barnwell (IIB1)

SAMPLE DATE	01/27/95	10/03/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	219.0			220.4	ft msl
pH	8.3			8.5	pH
Sp. conductance	196			125	µS/cm
Water temperature	17.6			20.1	°C
Alkalinity as $CaCO_3$	82			34	mg/L
Turbidity	3			1	NTU
Volume purged	0.93			0.92	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<16						µg/L		
		Alkalinity (as $CaCO_3$)				51,000	1		µg/L	GE	
		Aluminum, total recoverable	100						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			2.1	1	J	µg/L	GE	0
		Barium, total recoverable	17			15	1	V	µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<34	1	JV	µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			1.8	1	J	µg/L	GE	0
		Calcium, total recoverable	31,000						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*-4.0E+00*	1	UI	pCi/L	GP	0
		Chloride	2,700						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			1.5	1	J	µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	62						µg/L		
		Gross alpha	*1.3E+00*			*3.4E-01*	1	UI	pCi/L	GP	0
		Iron, total recoverable	72						µg/L		
		Lead, total recoverable	<5.0			6.6	1		µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	36			52	1		µg/L	GE	2
		Magnesium, total recoverable	1,200						µg/L		
		Manganese, total recoverable	<3.3			0.91	1	J	µg/L	GE	0
		Mercury, total recoverable	<0.33			<0.15	1	JV	µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<16						µg/L		
		Nickel, total recoverable	<6.7			0.88	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	<83						µg/L		
		Nonvolatile beta	2.8E+00			4.2E+00	1	I	pCi/L	GP	0
		pH	8.3						pH		
		Phenols	<8.3			<10	1		µg/L	GE	0
		Potassium, total recoverable	4,700						µg/L		
		Radium, total alpha-emitting	*0.0E+00*			*2.0E-01*	1	UIV	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<2.3	1	JV	µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	32,000						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	5,200						µg/L		
		Specific conductance	200						µS/cm		
		Sulfate	5,000			3,800	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	10			1.3	1	J	µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	150,000						µg/L		
		Total organic carbon	1,300			1,800	1	V	µg/L	GE	0
		Total organic halogens	<8.3			<10	1		µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<8.0E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	***1.2E+02***			***2.4E+02***	1	I	pCi/mL	GP	2
		Turbidity	0.62			1.3	1		NTU	GE	
		Uranium-233/234	*2.7E-01*						pCi/L		
		Uranium-235	*0.0E+00*						pCi/L		
		Uranium-238	*2.2E-01*						pCi/L		
		Vanadium, total recoverable	14			24	1	V	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGO 10C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N76805.2 E57041.1	33.288713 °N 81.665792 °W	167.3-157.3 ft msl	301.3 ft msl	4" PVC	S	Barnwell (IIB1)

SAMPLE DATE	01/25/95	10/03/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	219.9			221.3	ft msl
pH	9.6			10.1	pH
Sp. conductance	98			115	µS/cm
Water temperature	18.1			20.3	°C
Alkalinity as $CaCO_3$	30			11	mg/L
Turbidity	31			11	NTU
Volume purged	0.97			0.81	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				37,000	1		µg/L	GE	
		Aluminum, total recoverable	360						µg/L		
		Antimony, total recoverable	<3.3			3.1	1	J	µg/L	GE	1
		Arsenic, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Barium, total recoverable	72			64	1	V	µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<19	1	JV	µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	32,000						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14	*2.5E-01*			*-6.6E-01*	1	UI	pCi/L	GP	0
		Chloride	2,600						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	5.2			5.3	1		µg/L	GE	0
		Copper, total recoverable	9.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0024						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	54						µg/L		
		Gross alpha	2.3E+00			*7.3E-01*	1	UI	pCi/L	GP	0
		Iron, total recoverable	180						µg/L		
		Lead, total recoverable	6.9			5.5	1		µg/L	GE	0
		Lindane	<0.0084						µg/L		
		Lithium, total recoverable	24			<25	1		µg/L	GE	0
		Magnesium, total recoverable	270						µg/L		
		Manganese, total recoverable	9.1						µg/L		
		Mercury, total recoverable	<0.33			<0.020	1	JV	µg/L	GE	0
		Methoxychlor	<0.84						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	860						µg/L		
		Nonvolatile beta	2.4E+00			4.4E+00	1	I	pCi/L	GP	0
		pH	9.0						pH		
		Phenols	<8.3			<10	1		µg/L	GE	0
		Potassium, total recoverable	4,500						µg/L		
		Radium, total alpha-emitting	8.0E-01			8.0E-01	1	IV	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<2.0	1	JV	µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
									µg/L		
		Silica, total recoverable	17,000								
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	4,500						µg/L		
		Specific conductance	120						µS/cm		
		Sulfate	3,900			2,300	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	7.6			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	84,000						µg/L		
		Total organic carbon	1,300			16,000	1	V	µg/L	GE	2
		Total organic halogens	<8.3			<10	1		µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.3E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	***6.0E+01***			***4.3E+02***	1	I	pCi/mL	GP	2
		Turbidity	130			14	1		NTU	GE	
		Uranium-233/234	*5.7E-01*						pCi/L		
		Uranium-235	*-1.7E-02*						pCi/L		
		Uranium-238	*4.2E-01*						pCi/L		
		Vanadium, total recoverable	<13			11	1	V	µg/L	GE	0
		Xylenes	<3.3						µg/L		
		Zinc, total recoverable	18						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

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WELL BGO 10DR

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N76804.8 E57073.7	33.288765 °N 81.665706 °W	238.3-218.3 ft msl	300.4 ft msl	4" PVC	S	Water Table (IIB2)

SAMPLE DATE 01/25/95 10/03/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	231.4			232.6	ft msl
pH	6.7			6.0	pH
Sp. conductance	121			142	µS/cm
Water temperature	18.6			20.8	°C
Alkalinity as $CaCO_3$	44			44	mg/L
Turbidity	45			53	NTU
Volume purged	0.47			0.43	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				36,000	1		µg/L	GE	
		Aluminum, total recoverable	28						µg/L		
		Antimony, total recoverable	3.7			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<3.9	1	JV	µg/L	GE	0
		Barium, total recoverable	57			120	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	8,600						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14	2.7E+02			1.5E+02	1	I	pCi/L	GP	0
		Chloride	2,200						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			7.0	1		µg/L	GE	0
		Copper, total recoverable	7.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.0097						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	2.4E+00			1.1E+00	1	I	pCi/L	GP	0
		Iron, total recoverable	300						µg/L		
		Lead, total recoverable	19			70	1		µg/L	GE	2
		Lindane	<0.0081						µg/L		
		Lithium, total recoverable	48			50	1		µg/L	GE	2
		Magnesium, total recoverable	420						µg/L		
		Manganese, total recoverable	13						µg/L		
		Mercury, total recoverable	<0.33			<0.20	1		µg/L	GE	0
		Methoxychlor	<0.81						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	7.9			12	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	970						µg/L		
		Nonvolatile beta	2.9E+00			2.4E+00	1	I	pCi/L	GP	0
		pH	6.6						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	2,100						µg/L		
		Radium, total alpha-emitting	1.4E+00			1.5E+00	1	IV	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	6,300						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	6,400						µg/L		
		Specific conductance	82						µS/cm		
		Sulfate	1,900			1,000	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	5.0			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total activity	7.0E+05			1.2E+05	1	I	pCi/L	EM	
		Total dissolved solids	51,000						µg/L		
		Total organic carbon	<1,700			17,000	1	V	µg/L	GE	2
		Total organic halogens	<8.3			3.1	1	J	µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.39						µg/L		
		2,4,5-TP (Silvex)	<7.4E-04						µg/L		
		1,1,1-Trichloroethane	1.4			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	***5.3E+02***			***8.9E+01***	1	I	pCi/mL	GP	2
●		Turbidity	15			31	1	J1	NTU	GE	
		Uranium-233/234	*-1.4E-02*						pCi/L		
		Uranium-235	*-2.1E-02*						pCi/L		
		Uranium-238	*1.1E-01*						pCi/L		
		Vanadium, total recoverable	<13			5.3	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		
		Zinc, total recoverable	88						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGO 11D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N76805.1 E56651.3	33.288077 °N 81.666819 °W	236.3-216.3 ft msl	305.3 ft msl	4" PVC	S	Water Table (IIB2)

SAMPLE DATE: 01/30/95 (1Q95); 10/02/95 (4Q95)

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	231.1			232.2	ft msl
pH	4.9			4.6	pH
Sp. conductance	32			30	µS/cm
Water temperature	19.8			20.6	°C
Alkalinity as $CaCO_3$	0			1	mg/L
Turbidity	0			0	NTU
Volume purged	8.6			5.6	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<10						µg/L		
		Alkalinity (as $CaCO_3$)				<5,000	1		µg/L	GE	0
		Aluminum, total recoverable	27						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Barium, total recoverable	6.1			5.2	1	V	µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<23	1	JV	µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	790						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14	7.4E+04			*4.9E+00*	1	UI	pCi/L	GP	0
		Chloride	2,400						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	1.9			<4.0	1		µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	1.8			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<14						µg/L		
		Gross alpha	7.8E+00			3.9E+00	1	I	pCi/L	GP	0
		Iron, total recoverable	19						µg/L		
		Lead, total recoverable	1.3			1.3	1	J	µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	1.1			<25	1		µg/L	GE	0
		Magnesium, total recoverable	560						µg/L		
		Manganese, total recoverable	5.1						µg/L		
		Mercury, total recoverable	<0.33			<0.047	1	JV	µg/L	GE	0
		Methoxychlor	<0.55						µg/L		
		Naphthalene	<10						µg/L		
		Nickel, total recoverable	<1.2			<10	1		µg/L	GE	0
		Nitrate as nitrogen	2,100						µg/L		
		Nitrate-nitrite as nitrogen	2,200						µg/L		
		Nonvolatile beta	5.1E+00			1.7E+00	1	I	pCi/L	GP	0
		pH	5.4						pH		
		Phenols	<8.3			<10	1		µg/L	GE	0
		Potassium, total recoverable	180						µg/L		
		Radium, total alpha-emitting	3.2E+00			2.9E+00	1	IV	pCi/L	GP	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Silica, total recoverable	7,300						µg/L		
		Silver, total recoverable	<1.4			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	3,000						µg/L		
		Specific conductance	33						µS/cm		
		Sulfate	350			440	1	J	µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	3.4			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total activity	1.1E+06			1.9E+06	10	I	pCi/L	EM	
		Total dissolved solids	28,000						µg/L		
		Total organic carbon	<660			<320	1	JV	µg/L	GE	0
		Total organic halogens	29,000			14	1		µg/L	GE	0
		Total phosphates (as P)	<30						µg/L		
		Toxaphene	<0.41						µg/L		
		2,4,5-TP (Silvex)	<7.4E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	***1.7E+03***			***1.9E+03***	1	I	pCi/mL	GP	2
●		Turbidity	<0.060			1.0	1	J1	NTU	GE	
		Uranium-233/234	*4.6E-02*						pCi/L		
		Uranium-234	1.2E+00						pCi/L		
		Uranium-235	*0.0E+00*						pCi/L		
		Uranium-238	3.1E-01						pCi/L		
		Vanadium, total recoverable	<13			<10	1		µg/L	GE	0
		Xylenes	<3.3						µg/L		
		Zinc, total recoverable	<2.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGO 12AR

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

SAMPLE DATE: 01/26/95 (1Q95); 10/10/95 (4Q95)

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	157.6			157.8	ft msl
pH	10.2			7.1	pH
Sp. conductance	166			196	µS/cm
Water temperature	19.4			20.6	°C
Alkalinity as $CaCO_3$	73			86	mg/L
Turbidity	0			1	NTU
Volume purged	3.1			2.9	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<16						µg/L		
		Alkalinity (as $CaCO_3$)				97,000	1		µg/L	GE	
		Aluminum, total recoverable	260						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	2.4			4.4	1	J	µg/L	GE	0
		Barium, total recoverable	55			38	1		µg/L	GE	0
	■	Benzene	<1.7			*46*	1		µg/L	GE	2
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	30,000						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14	*-3.3E+01*			*2.7E+00*	1	UI	pCi/L	GP	0
		Chloride	2,400						µg/L		
		Chlorobenzene	<1.7			56	1		µg/L	GE	1
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			0.97	1	J	µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
	■	1,1-Dichloroethylene	<1.7			*48*	1		µg/L	GE	2
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<1.8	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0024						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.0099						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	42						µg/L		
		Gross alpha	*4.6E-01*			*6.3E-01*	1	UI	pCi/L	GP	0
		Iron, total recoverable	<6.7						µg/L		
		Lead, total recoverable	<5.0			<5.0	1		µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	27			<25	1		µg/L	GE	0
		Magnesium, total recoverable	190						µg/L		
		Manganese, total recoverable	<3.3						µg/L		
		Mercury, total recoverable	<0.33			<0.15	1	JV	µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<16						µg/L		
		Nickel, total recoverable	<6.7			<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	<83						µg/L		
		Nonvolatile beta	*2.0E+00*			*9.1E-01*	1	UI	pCi/L	GP	0
		pH	9.3						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	3,300						µg/L		
		Radium, total alpha-emitting	*3.0E-01*			7.0E-01	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	26,000						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	3,100						µg/L		
		Specific conductance	89						µS/cm		
		Sulfate	6,300			5,800	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	6.2			2.4	1	J	µg/L	GE	0
		Toluene	<1.7			53	1		µg/L	GE	0
		Total dissolved solids	79,000						µg/L		
		Total organic carbon	<1,700			<1,300	1	V	µg/L	GE	0
		Total organic halogens	<8.3			15	1		µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.3E-04						µg/L		
		Tributyl phosphate	<16						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
■		Trichloroethylene	3.3			*45*	1		µg/L	GE	2
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
		Tritium	1.0E+00			*-5.3E-02*	1	UI	pCi/mL	GP	0
		Turbidity	2.1			<0.10	1		NTU	GE	0
		Uranium-233/234	*1.9E-01*						pCi/L		
		Uranium-235	*4.1E-02*						pCi/L		
		Uranium-238	*2.1E-02*						pCi/L		
		Vanadium, total recoverable	<13			0.51	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		
		Zinc, total recoverable	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WELL BGO 12CR

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N76806.0 E56215.2	33.287367 °N 81.667969 °W	154.0-144.0 ft msl	314 ft msl	4" PVC	S	Barnwell (IIB1)

SAMPLE DATE 01/27/95 10/26/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	220.4			221.4	ft msl
pH	9.4			9.8	pH
Sp. conductance	102			151	µS/cm
Water temperature	17.8			19.8	°C
Alkalinity as $CaCO_3$	36			50	mg/L
Turbidity	1			2	NTU
Volume purged	0.98			0.83	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<16						µg/L		
		Alkalinity (as $CaCO_3$)				38,000	1		µg/L	GE	
		Aluminum, total recoverable	170						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			4.4	1	J	µg/L	GE	0
		Barium, total recoverable	13			16	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	10,000						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14	*-3.1E+01*			*2.3E+00*	1	UI	pCi/L	GP	0
		Chloride	2,000						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			2.9	1	J	µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<1.2	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	75						µg/L		
		Gross alpha	*2.6E-01*			*2.6E-01*	1	UI	pCi/L	GP	0
		Iron, total recoverable	39						µg/L		
		Lead, total recoverable	<5.0			<4.3	1	JV	µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	13			<25	1		µg/L	GE	0
		Magnesium, total recoverable	290						µg/L		
		Manganese, total recoverable	<3.3						µg/L		
		Mercury, total recoverable	<0.33			<0.070	1	JV	µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<16						µg/L		
		Nickel, total recoverable	<6.7			1.1	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	680						µg/L		
		Nonvolatile beta	2.4E+00			*1.1E+00*	1	UI	pCi/L	GP	0
		pH	9.2						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	2,600						µg/L		
		Radium, total alpha-emitting	*-1.0E-01*			*1.0E-01*	1	UI	pCi/L	GP	0
		Selenium, total recoverable	<3.3			1.6	1	J	µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
									µg/L		
		Silica, total recoverable	17,000			<2.0	1		µg/L	GE	0
		Silver, total recoverable	<3.3						µg/L		
		Sodium, total recoverable	8,700						µS/cm		
		Specific conductance	110			2,700	1		µg/L	GE	0
		Sulfate	3,700			<2.0	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<50	1		µg/L	GE	0
		Tin, total recoverable	5.0			<2.0	1		µg/L	GE	0
		Toluene	<1.7						µg/L		
		Total dissolved solids	80,000			650	1	J	µg/L	GE	0
		Total organic carbon	<1,700			13	1		µg/L	GE	0
		Total organic halogens	17						µg/L		
		Total phosphates (as P)	97						µg/L		
		Toxaphene	<0.40						µg/L		●
		2,4,5-TP (Silvex)	<8.0E-04						µg/L		
		Tributyl phosphate	<16			<2.0	1		µg/L	GE	0
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			*43*	1		µg/L	GE	2
	■	Trichloroethylene	*78*			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			9.7E-01	1	I	pCi/mL	GP	0
		Tritium	1.3E+00			0.66	1		NTU	GE	
		Turbidity	0.43						pCi/L		
		Uranium-233/234	*1.7E-01*						pCi/L		
		Uranium-235	*0.0E+00*						pCi/L		
		Uranium-238	*9.9E-02*			4.8	1	J	µg/L	GE	0
		Vanadium, total recoverable	<13						µg/L		
		Xylenes	<3.3						µg/L		
		Zinc, total recoverable	<3.3								

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGO 12D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N76805.2 E56231.1	33.287391 °N 81.667925 °W	237.8-217.8 ft msl	313.7 ft msl	4" PVC	S	Water Table (IIB2)

SAMPLE DATE 01/27/95 10/26/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	230.6			232.0	ft msl
pH	6.4			6.5	pH
Sp. conductance	79			63	µS/cm
Water temperature	10.9			17.7	°C
Alkalinity as $CaCO_3$	11			7	mg/L
Turbidity	5			6	NTU
Volume purged	0.71			0.75	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				12,000	1		µg/L	GE	
		Aluminum, total recoverable	26						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			3.6	1	J	µg/L	GE	0
		Barium, total recoverable	35			29	1		µg/L	GE	0
		Benzene	<17			<10	5		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<17			<10	5		µg/L	GE	0
		Bromoform	<17			<10	5		µg/L	GE	0
		Bromomethane (Methyl bromide)	<17			<10	5		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	6,900						µg/L		
		Carbon tetrachloride	<17			<10	5		µg/L	GE	0
		Carbon-14	*-2.9E+01*			*5.5E+00*	1	UI	pCi/L	GP	0
		Chloride	2,700						µg/L		
		Chlorobenzene	<17			<10	5		µg/L	GE	0
		Chloroethane	<17			<10	5		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<17			<10	5		µg/L	GE	0
		2-Chloroethyl vinyl ether	<17			<50	5		µg/L	GE	0
		Chloroform	<17			<10	5		µg/L	GE	0
		Chloromethane (Methyl chloride)	<17			<10	5		µg/L	GE	0
		Chromium, total recoverable	<6.7			<4.0	1		µg/L	GE	0
		Copper, total recoverable	4.6						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<17			<10	5		µg/L	GE	0
		1,1-Dichloroethane	<17			<10	5		µg/L	GE	0
		1,2-Dichloroethane	<17			<10	5		µg/L	GE	0
		1,1-Dichloroethylene	<17			<10	5		µg/L	GE	0
		trans-1,2-Dichloroethylene	<17			<10	5		µg/L	GE	0
		Dichloromethane	*14*			<8.9	5	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<17			<10	5		µg/L	GE	0
		cis-1,3-Dichloropropene	<17			<10	5		µg/L	GE	0
		trans-1,3-Dichloropropene	<17			<10	5		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<17			<10	5		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	3.9E+00			1.2E+00	1	I	pCi/L	GP	0
		Iron, total recoverable	11						µg/L		
		Lead, total recoverable	3.2			62	1	V	µg/L	GE	2
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	16			<25	1		µg/L	GE	0
		Magnesium, total recoverable	1,800						µg/L		
		Manganese, total recoverable	3.9						µg/L		
		Mercury, total recoverable	<0.33			<0.11	1	JV	µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			3.8	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	1,500						µg/L		
		Nonvolatile beta	2.9E+00			*1.4E+00*	1	UI	pCi/L	GP	0
		pH	6.4						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	1,100						µg/L		
		Radium, total alpha-emitting	1.5E+00			4.0E-01	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	6,600						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	3,500						µg/L		
		Specific conductance	80						µS/cm		
		Sulfate	8,800			<1,000	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<17			<10	5		µg/L	GE	0
		Tetrachloroethylene	<17			<10	5		µg/L	GE	0
		Tin, total recoverable	4.2			<50	1		µg/L	GE	0
		Toluene	<17			<10	5		µg/L	GE	0
		Total dissolved solids	56,000						µg/L		
		Total organic carbon	<1,700			150	1	J	µg/L	GE	0
		Total organic halogens	29			38	1		µg/L	GE	1
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.6E-04						µg/L		
		1,1,1-Trichloroethane	<17			<10	5		µg/L	GE	0
		1,1,2-Trichloroethane	<17			<10	5		µg/L	GE	0
	■	Trichloroethylene	*89*			*70*	5		µg/L	GE	2
		Trichlorofluoromethane	<17			<10	5		µg/L	GE	0
	■	Tritium	1.9E+01			*1.0E+02*	1	I	pCi/mL	GP	2
		Turbidity	2.9			5.4	1		NTU	GE	
		Uranium-233/234	*2.0E-01*						pCi/L		
		Uranium-235	*-1.0E-02*						pCi/L		
		Uranium-238	*7.0E-02*						pCi/L		
		Vanadium, total recoverable	<13			0.51	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		
		Zinc, total recoverable	12						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WELL BGO 13DR

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N76824.7 E55840.4	33.286797 °N 81.668992 °W	220.3-210.3 ft msl	319.3 ft msl	4" PVC	S	Barnwell (IIB1)

SAMPLE DATE	02/07/95	10/17/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	230.2			231.3	ft msl
pH	11.3			10.6	pH
Sp. conductance	176			113	µS/cm
Water temperature	16.9			17.7	°C
Alkalinity as $CaCO_3$	39			26	mg/L
Turbidity	13			37	NTU
Volume purged	0.54			0.58	well volume
Sampling code	X			X	

ANALYTICAL DATA

d	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				62,000	1		µg/L	GE	
		Aluminum, total recoverable	64						µg/L		
		Antimony, total recoverable	***7.6***			<2.0	1	JV	µg/L	GE	0
		Arsenic, total recoverable	<3.3			<3.6	1	JV	µg/L	GE	0
		Barium, total recoverable	60			51	1	V	µg/L	GE	0
■		Benzene	<1.7			***49***	1		µg/L	GE	2
		Boron, total recoverable				24	1	J	µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	11,000						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14	*-7.1E+00*			*1.5E+00*	1	UI	pCi/L	GP	0
		Chloride	1,900						µg/L		
		Chlorobenzene	<1.7			57	1		µg/L	GE	1
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	7.3			5.8	1		µg/L	GE	0
		Copper, total recoverable	6.1						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
■		1,1-Dichloroethylene	<1.7			***54***	1		µg/L	GE	2
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	1.8E+00			*9.6E-01*	1	UI	pCi/L	GP	0
		Iron, total recoverable	200						µg/L		
		Lead, total recoverable	34			55	1		µg/L	GE	2
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	31			<25	1		µg/L	GE	0
		Magnesium, total recoverable	340						µg/L		
		Manganese, total recoverable	46						µg/L		
		Mercury, total recoverable	<0.33			<0.20	1		µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	7.4			6.5	1	JV	µg/L	GE	0
		Nitrate-nitrite as nitrogen	680						µg/L		
		Nonvolatile beta	2.5E+00			2.2E+00	1	I	pCi/L	GP	0
		pH	9.5						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	1,900						µg/L		
		Radium, total alpha-emitting	8.0E-01			1.0E+00	1	I	pCi/L	GP	0
		Selenium, total recoverable	3.6			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
									µg/L		
		Silica, total recoverable	7,100			<2.0	1		µg/L	GE	0
		Silver, total recoverable	<3.3						µg/L		
		Sodium, total recoverable	5,700						µS/cm		
		Specific conductance	86			4,100	1		µg/L	GE	0
		Sulfate	5,000			<2.0	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<50	1		µg/L	GE	0
		Tin, total recoverable	3.9			52	1		µg/L	GE	0
		Toluene	<1.7						µg/L		
		Total dissolved solids	67,000			730	1	J	µg/L	GE	0
		Total organic carbon	<1,700			<10	1		µg/L	GE	0
		Total organic halogens	<8.3						µg/L		
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.5E-04						µg/L		
		Tributyl phosphate	<17			<2.0	1		µg/L	GE	0
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			52	1		µg/L	GE	2
	■	Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			*3.9E+01*	1	I	pCi/mL	GP	2
	■	Tritium	*2.3E+01*			2.2	1	V	NTU	GE	
		Turbidity	2.5						pCi/L		
		Uranium-233/234	*6.0E-04*						pCi/L		
		Uranium-235	*0.0E+00*						pCi/L		
		Uranium-238	*9.9E-03*			0.77	1	J	µg/L	GE	0
		Vanadium, total recoverable	<13						µg/L		
		Xylenes	<3.3						µg/L		
		Zinc, total recoverable	39								

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WELL BGO 14AR

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

SAMPLE DATE 01/25/95 10/12/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	158.9			159.0	ft msl
pH	8.9			9.1	pH
Sp. conductance	184			196	µS/cm
Water temperature	19.4			19.9	°C
Alkalinity as $CaCO_3$	91			89	mg/L
Turbidity	1			0	NTU
Volume purged	6.3			5.4	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				20,000	1		µg/L	GE	
		Aluminum, total recoverable	130						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	5.8			1.9	1	J	µg/L	GE	0
		Barium, total recoverable	91			110	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	33,000						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14	*-7.1E+00*			*-3.7E+00*	1	UI	pCi/L	GP	0
		Chloride	2,700						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			2.2	1	J	µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0024						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.0099						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	88						µg/L		
		Gross alpha	1.9E+00			1.9E+00	1	I	pCi/L	GP	0
		Iron, total recoverable	5.2						µg/L		
		Lead, total recoverable	<5.0			<5.0	1		µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	29			30	1		µg/L	GE	1
		Magnesium, total recoverable	470						µg/L		
		Manganese, total recoverable	8.9						µg/L		
		Mercury, total recoverable	<0.33			<0.20	1		µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	120						µg/L		
		Nonvolatile beta	3.2E+00			5.5E+00	1	I	pCi/L	GP	0
		pH	9.4						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	5,100						µg/L		
		Radium, total alpha-emitting	1.7E+00			7.0E-01	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<2.7	1	JV	µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
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H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	26,000						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	3,900						µg/L		
		Specific conductance	190						µS/cm		
		Sulfate	4,200			3,000	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	11			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	140,000						µg/L		
		Total organic carbon	1,100			1,200	1		µg/L	GE	0
		Total organic halogens	<8.3			<10	1		µg/L	GE	0
		Total phosphates (as P)	170						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.3E-04						µg/L		
		Tributyl phosphate	<17						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
		Tritium	1.4E+00			1.7E+00	1	I	pCi/mL	GP	0
		Turbidity	0.16			<0.92	1	V	NTU	GE	0
		Uranium-233/234	*3.7E-01*						pCi/L		
		Uranium-235	*2.4E-02*						pCi/L		
		Uranium-238	*1.3E-01*						pCi/L		
		Vanadium, total recoverable	<13			2.7	1	JV	µg/L	GE	0
		Xylenes	<3.3						µg/L		
		Zinc, total recoverable	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGO 14CR

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N76337.8 E55789.0	33.285636 °N 81.668181 °W	200.1-190.1 ft msl	300.5 ft msl	4" PVC	S	Barnwell (IIB1)

SAMPLE DATE: 01/26/95 (1Q95); 10/26/95 (4Q95)

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	222.9			223.8	ft msl
pH	6.4			6.9	pH
Sp. conductance	78			260	µS/cm
Water temperature	16.3			18.8	°C
Alkalinity as $CaCO_3$	20			20	mg/L
Turbidity	2			2	NTU
Volume purged	0.79			0.77	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				29,000	1		µg/L	GE	
		Aluminum, total recoverable	220						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Barium, total recoverable	12			12	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				14	1	J	µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	5,500						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14	*-3.4E+01*			*3.1E+00*	1	UI	pCi/L	GP	0
		Chloride	2,700						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	10			26	1		µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<1.2	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0024						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.0098						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	2.2E+00			*6.5E-01*	1	UI	pCi/L	GP	0
		Iron, total recoverable	94						µg/L		
		Lead, total recoverable	<5.0			7.5	1	V	µg/L	GE	0
		Lindane	<0.0082						µg/L		
		Lithium, total recoverable	27			<41	1	V	µg/L	GE	0
		Magnesium, total recoverable	660						µg/L		
		Manganese, total recoverable	15						µg/L		
		Mercury, total recoverable	<0.33			<0.064	1	JV	µg/L	GE	0
		Methoxychlor	<0.82						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			3.7	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	840						µg/L		
		Nonvolatile beta	2.8E+00			4.9E+00	1	I	pCi/L	GP	0
		pH	6.3						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	4,700						µg/L		
		Radium, total alpha-emitting	*1.0E-01*			*2.0E-01*	1	UI	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
									µg/L		
		Silica, total recoverable	11,000			<2.0	1		µg/L	GE	0
		Silver, total recoverable	<3.3						µg/L		
		Sodium, total recoverable	5,800						µS/cm		
		Specific conductance	68			3,800	1		µg/L	GE	0
		Sulfate	5,500			<2.0	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<50	1		µg/L	GE	0
		Tin, total recoverable	10			<2.0	1		µg/L	GE	0
		Toluene	<1.7						µg/L		
		Total dissolved solids	46,000			380	1	J	µg/L	GE	0
		Total organic carbon	<1,700			17	1		µg/L	GE	0
		Total organic halogens	55						µg/L		
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.39						µg/L		
		2,4,5-TP (Silvex)	<7.3E-04						µg/L		
		Tributyl phosphate	<17			<2.0	1		µg/L	GE	0
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			*42*	1		µg/L	GE	2
■		Trichloroethylene	*59*			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			*2.2E+01*	1	I	pCi/mL	GP	2
■		Tritium	*2.8E+01*			2.0	1		NTU	GE	
		Turbidity	2.5						pCi/L		
		Uranium-233/234	*3.5E-02*						pCi/L		
		Uranium-235	*-5.5E-03*						pCi/L		
		Uranium-238	*4.8E-02*			1.4	1	J	µg/L	GE	0
		Vanadium, total recoverable	<13						µg/L		
		Xylenes	<3.3						µg/L		
		Zinc, total recoverable	12								

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGO 14DR

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N76322.1 E55789.4	33.285602 °N 81.668150 °W	238.1-218.1 ft msl	300.3 ft msl	4" PVC	S	Water Table (IIB2)

SAMPLE DATE 01/25/95 10/25/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	230.0			231.1	ft msl
pH	4.4			5.1	pH
Sp. conductance	32			34	µS/cm
Water temperature	19.7			20.5	°C
Alkalinity as $CaCO_3$	0			1	mg/L
Turbidity	1			1	NTU
Volume purged	4.7			7.3	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				<5,000	1		µg/L	GE	0
		Aluminum, total recoverable	34						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			1.9	1	J	µg/L	GE	0
		Barium, total recoverable	5.6			6.0	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				47	1	J	µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	630						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14	*1.3E+00*			*-1.6E-01*	1	UI	pCi/L	GP	0
		Chloride	3,900						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			<4.0	1		µg/L	GE	0
		Copper, total recoverable	24						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0024						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.0099						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	3.1E+00			1.7E+00	1	I	pCi/L	GP	0
		Iron, total recoverable	12						µg/L		
		Lead, total recoverable	5.3			<6.6	1	V	µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	600						µg/L		
		Manganese, total recoverable	9.2						µg/L		
		Mercury, total recoverable	<0.33			<0.20	1		µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			1.0	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	920						µg/L		
		Nonvolatile beta	*1.5E+00*			1.9E+00	1	I	pCi/L	GP	0
		pH	5.5						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	<830						µg/L		
		Radium, total alpha-emitting	2.0E+00			9.0E-01	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3			1.5	1	J	µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	7,500						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	3,600						µg/L		
		Specific conductance	32						µS/cm		
		Sulfate	2,100			1,900	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	26,000						µg/L		
		Total organic carbon	<1,700			1,100	1		µg/L	GE	0
		Total organic halogens	7.4			35	1		µg/L	GE	1
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.3E-04						µg/L		
		Tributyl phosphate	<17						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
■		Trichloroethylene	*59*			*80*	1		µg/L	GE	2
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
■		Tritium	1.7E+01			*8.9E+01*	1	I	pCi/mL	GP	2
		Turbidity	0.73			<0.10	1		NTU	GE	0
		Uranium-233/234	*2.0E-01*						pCi/L		
		Uranium-235	*-2.0E-02*						pCi/L		
		Uranium-238	*9.2E-02*						pCi/L		
		Vanadium, total recoverable	<13			0.30	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		
		Zinc, total recoverable	20						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WELL BGO 15D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N75973.5 E55859.1	33.284945 °N 81.667289 °W	238.7-218.7 ft msl	298.7 ft msl	4" PVC	S	Water Table (IIB2)

SAMPLE DATE 01/25/95 10/25/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	229.9			230.7	ft msl
pH	4.5			5.1	pH
Sp. conductance	26			26	µS/cm
Water temperature	19.7			20.6	°C
Alkalinity as $CaCO_3$	0			0	mg/L
Turbidity	1			2	NTU
Volume purged	8.3			12	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<16						µg/L		
		Alkalinity (as $CaCO_3$)				<5,000	1		µg/L	GE	0
		Aluminum, total recoverable	26						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Barium, total recoverable	8.5			8.3	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	1,500						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14	*-2.3E+01*			1.3E+01	1	I	pCi/L	GP	0
		Chloride	2,500						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			<4.0	1		µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	1.1			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<1.8	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	2.0E+00			1.5E+00	1	I	pCi/L	GP	0
		Iron, total recoverable	5.0						µg/L		
		Lead, total recoverable	<5.0			<2.8	1	JV	µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	430						µg/L		
		Manganese, total recoverable	6.8						µg/L		
		Mercury, total recoverable	<0.33			<0.10	1	JV	µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<16						µg/L		
		Nickel, total recoverable	<6.7			<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	810						µg/L		
		Nonvolatile beta	*1.3E+00*			*1.6E+00*	1	UI	pCi/L	GP	0
		pH	5.3						pH		
		Phenols	<8.3			3.6	1	J	µg/L	GE	0
		Potassium, total recoverable	<830						µg/L		
		Radium, total alpha-emitting	1.7E+00			1.3E+00	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	7,300						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	2,100						µg/L		
		Specific conductance	27						µS/cm		
		Sulfate	1,400			<1,000	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tetrachloroethylene	*6.3*			*5.1*	1		µg/L	GE	2
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total activity	3.0E+05			6.5E+05	1	I	pCi/L	EM	
		Total dissolved solids	22,000						µg/L		
		Total organic carbon	<1,700			710	1	J	µg/L	GE	0
		Total organic halogens	15			120	1		µg/L	GE	2
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.4E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
	■	Trichloroethylene	*73*			*59*	1		µg/L	GE	2
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	*3.0E+02*			*6.7E+02*	1	I	pCi/mL	GP	2
		Turbidity	0.24			<0.10	1		NTU	GE	0
		Uranium-233/234	*1.2E-02*						pCi/L		
		Uranium-235	*-1.6E-02*						pCi/L		
		Uranium-238	*2.3E-02*						pCi/L		
		Vanadium, total recoverable	<13			0.43	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		
		Zinc, total recoverable	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WELL BGO 16AR

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N75743.2 E56217.1	33.285020 °N 81.665899 °W	113.7-103.7 ft msl	303.7 ft msl	4" PVC	S	Congaree (IIA)

SAMPLE DATE: 02/09/95 (1Q95); 10/06/95 (4Q95)

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	160.9			161.3	ft msl
pH	7.4			7.0	pH
Sp. conductance	176			165	µS/cm
Water temperature	18.9			20.5	°C
Alkalinity as $CaCO_3$	76			68	mg/L
Turbidity	2			0	NTU
Volume purged	5.2			3.0	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				81,000	1		µg/L	GE	
		Aluminum, total recoverable	<33						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<4.6	1	JV	µg/L	GE	0
		Barium, total recoverable	38			38	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	31,000						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14	*-4.3E+00*			*2.0E+00*	1	UI	pCi/L	GP	0
		Chloride	2,200						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			1.9	1	J	µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<1.3	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	2.1E+00			1.9E+00	1	I	pCi/L	GP	0
		Iron, total recoverable	23						µg/L		
		Lead, total recoverable	<5.0			<5.0	1		µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	1,100						µg/L		
		Manganese, total recoverable	9.4						µg/L		
		Mercury, total recoverable	<0.33			<0.20	1		µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	560						µg/L		
		Nonvolatile beta	*1.4E+00*			2.1E+00	1	I	pCi/L	GP	0
		pH	7.4						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	770						µg/L		
		Radium, total alpha-emitting	1.0E+00			2.0E-01	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
									µg/L		
		Silica, total recoverable	21,000			<2.0	1		µg/L	GE	0
		Silver, total recoverable	<3.3						µg/L		
		Sodium, total recoverable	3,600						µS/cm		
		Specific conductance	180			1,400	1		µg/L	GE	0
		Sulfate	2,100			<2.0	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<50	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Toluene	<1.7						µg/L		
		Total dissolved solids	120,000			<1,200	1	V	µg/L	GE	0
		Total organic carbon	<1,700			<10	1		µg/L	GE	0
		Total organic halogens	58						µg/L		
		Total phosphates (as P)	81						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.5E-04			<2.0	1		µg/L	GE	0
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			*3.5E-01*	1	UI	pCi/mL	GP	0
		Tritium	*-5.7E-02*			<0.41	1	JV1	NTU	GE	0
●		Turbidity	0.97						pCi/L		
		Uranium-233/234	*2.8E-01*						pCi/L		
		Uranium-235	*-4.7E-03*						pCi/L		
		Uranium-238	*1.4E-01*			0.27	1	J	µg/L	GE	0
		Vanadium, total recoverable	<13						µg/L		
		Xylenes	<3.3						µg/L		
		Zinc, total recoverable	<3.3								

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WELL BGO 16B

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N75767.5 E56183.8	33.285019 °N 81.666034 °W	146.0-136.0 ft msl	305.1 ft msl	4" PVC	S	McBean (IIB1)

SAMPLE DATE	02/09/95	10/12/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	218.2			218.7	ft msl
pH	8.1			6.3	pH
Sp. conductance	222			214	µS/cm
Water temperature	16.7			19.3	°C
Alkalinity as $CaCO_3$	98			96	mg/L
Turbidity	6			5	NTU
Volume purged	0.72			0.76	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				24,000	1		µg/L	GE	
		Aluminum, total recoverable	63						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Barium, total recoverable	47			46	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	40,000						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14	*-6.7E+00*			*-4.0E+00*	1	UI	pCi/L	GP	0
		Chloride	2,400						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			3.7	1	J	µg/L	GE	0
		Copper, total recoverable	8.0						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	*5.5E-01*			*4.0E-01*	1	UI	pCi/L	GP	0
		Iron, total recoverable	570						µg/L		
		Lead, total recoverable	5.4			2.0	1	J	µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	13			<25	1		µg/L	GE	0
		Magnesium, total recoverable	780						µg/L		
		Manganese, total recoverable	9.7						µg/L		
		Mercury, total recoverable	<0.33			<0.20	1		µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	290						µg/L		
		Nonvolatile beta	*1.3E+00*			*6.2E-01*	1	UI	pCi/L	GP	0
		pH	7.8						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	1,600						µg/L		
		Radium, total alpha-emitting	*1.0E-01*			*1.0E-01*	1	UI	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<3.0	1	JV	µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
									µg/L		
		Silica, total recoverable	17,000			<2.0	1		µg/L	GE	0
		Silver, total recoverable	<3.3						µg/L		
		Sodium, total recoverable	7,200						µS/cm		
		Specific conductance	240			1,700	1		µg/L	GE	0
		Sulfate	1,400			<2.0	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<50	1		µg/L	GE	0
		Tin, total recoverable	2.1			<2.0	1		µg/L	GE	0
		Toluene	<1.7						µg/L		
		Total dissolved solids	140,000			1,300	1		µg/L	GE	0
		Total organic carbon	<1,700			<10	1		µg/L	GE	0
		Total organic halogens	40						µg/L		
		Total phosphates (as P)	75						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.4E-04			<2.0	1		µg/L	GE	0
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			2.8E+00	1	I	pCi/mL	GP	0
		Tritium	*4.8E-02*			2.8	1	V	NTU	GE	
		Turbidity	4.0						pCi/L		
		Uranium-233/234	*1.8E-01*						pCi/L		
		Uranium-235	*-4.3E-02*						pCi/L		
		Uranium-238	*9.9E-02*			3.8	1	JV	µg/L	GE	0
		Vanadium, total recoverable	<13						µg/L		
		Xylenes	<3.3						µg/L		
		Zinc, total recoverable	75								

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
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WELL BGO 16D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N75751.4 E56202.1	33.285013 °N 81.665954 °W	237.3-217.3 ft msl	304.6 ft msl	4" PVC	S	Water Table (IIB2)

SAMPLE DATE 02/09/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	230.8				ft msl
pH	9.5				pH
Sp. conductance	154				µS/cm
Water temperature	15.9				°C
Alkalinity as $CaCO_3$	85				mg/L
Turbidity	5				NTU
Volume purged	0.34				well volume
Sampling code	X				

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Aldrin	<0.083						µg/L		
		Aluminum, total recoverable	56						µg/L		
		Antimony, total recoverable	2.6						µg/L		
		Arsenic, total recoverable	<3.3						µg/L		
		Barium, total recoverable	35						µg/L		
		Benzene	<1.7						µg/L		
		Bromodichloromethane	<1.7						µg/L		
		Bromoform	<1.7						µg/L		
		Bromomethane (Methyl bromide)	<1.7						µg/L		
		Cadmium, total recoverable	<3.3						µg/L		
		Calcium, total recoverable	4,200						µg/L		
		Carbon tetrachloride	<1.7						µg/L		
		Carbon-14	*4.6E+00*						pCi/L		
		Chloride	830						µg/L		
		Chlorobenzene	<1.7						µg/L		
		Chloroethane	<1.7						µg/L		
		Chloroethene (Vinyl chloride)	<1.7						µg/L		
		2-Chloroethyl vinyl ether	<1.7						µg/L		
		Chloroform	<1.7						µg/L		
		Chloromethane (Methyl chloride)	<1.7						µg/L		
		Chromium, total recoverable	<6.7						µg/L		
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		p,p'-DDT	<0.17						µg/L		
		Dibromochloromethane	<1.7						µg/L		
		1,1-Dichloroethane	<1.7						µg/L		
		1,2-Dichloroethane	<1.7						µg/L		
		1,1-Dichloroethylene	<1.7						µg/L		
		trans-1,2-Dichloroethylene	<1.7						µg/L		
		Dichloromethane	<1.7						µg/L		
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7						µg/L		
		cis-1,3-Dichloropropene	<1.7						µg/L		
		trans-1,3-Dichloropropene	<1.7						µg/L		
		Dieldrin	<0.83						µg/L		
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7						µg/L		
		Fluoride	<50						µg/L		
		Gross alpha	*5.6E-01*						pCi/L		
		Heptachlor	<0.083						µg/L		
		Iron, total recoverable	170						µg/L		
		Lead, total recoverable	13						µg/L		
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	70						µg/L		
		Magnesium, total recoverable	620						µg/L		
		Manganese, total recoverable	10						µg/L		
		Mercury, total recoverable	<0.33						µg/L		
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7						µg/L		
		Nitrate-nitrite as nitrogen	270						µg/L		
		Nonvolatile beta	4.9E+00						pCi/L		
		pH	9.2						pH		
		Phenols	<8.3						µg/L		
		Potassium, total recoverable	6,500						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Radium, total alpha-emitting	1.3E+00						pCi/L		
		Selenium, total recoverable	<3.3						µg/L		
		Silica, total recoverable	7,800						µg/L		
		Silver, total recoverable	<3.3						µg/L		
		Sodium, total recoverable	24,000						µg/L		
		Specific conductance	140						µS/cm		
		Sulfate	1,400						µg/L		
		2,4,5-T	<7.4E-04						µg/L		
		1,1,2,2-Tetrachloroethane	<1.7						µg/L		
		Tetrachloroethylene	<1.7						µg/L		
		Tin, total recoverable	9.7						µg/L		
		Toluene	<1.7						µg/L		
		Total activity	6.2E+05						pCi/L		
		Total dissolved solids	87,000						µg/L		
		Total organic carbon	<1,700						µg/L		
		Total organic halogens	26						µg/L		
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.4E-04						µg/L		
		1,1,1-Trichloroethane	<1.7						µg/L		
		1,1,2-Trichloroethane	<1.7						µg/L		
		Trichloroethylene	**7.6**						µg/L		
		Trichlorofluoromethane	<1.7						µg/L		
		Tritium	***7.2E+02***						pCi/mL		
		Turbidity	17						NTU		
		Uranium-233/234	*3.8E-02*						pCi/L		
		Uranium-235	*0.0E+00*						pCi/L		
		Uranium-238	*8.0E-02*						pCi/L		
		Vanadium, total recoverable	<13						µg/L		
		Xylenes	<3.3						µg/L		
		Zinc, total recoverable	19						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
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WELL BGO 17DR

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N75604.0 E56407.2	33.285022 °N 81.665128 °W	236.9-216.9 ft msl	299.2 ft msl	4" PVC	S	Water Table (IIB2)

SAMPLE DATE	02/09/95			10/12/95	
FIELD DATA					
Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	231.6			231.8	ft msl
pH	5.6			7.5	pH
Sp. conductance	18			31	µS/cm
Water temperature	8.2			21.5	°C
Alkalinity as $CaCO_3$	1			1	mg/L
Turbidity	10			9	NTU
Volume purged	0.52			0.82	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				<5,000	1		µg/L	GE	0
		Aluminum, total recoverable	130						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Barium, total recoverable	7.4			9.5	1	V	µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	1,300						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14	*-9.4E+00*			*-5.2E+00*	1	UI	pCi/L	GP	0
		Chloride	850						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			0.71	1	J	µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	1.2E+00			*5.2E-01*	1	UI	pCi/L	GP	0
		Iron, total recoverable	36						µg/L		
		Lead, total recoverable	<5.0			6.5	1		µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	390						µg/L		
		Manganese, total recoverable	11						µg/L		
		Mercury, total recoverable	<0.33			<0.20	1		µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	4.7			1.5	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	1,200						µg/L		
		Nonvolatile beta	*1.0E+00*			*5.3E-01*	1	UI	pCi/L	GP	0
		pH	5.6						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	<830						µg/L		
		Radium, total alpha-emitting	4.0E-01			3.0E-01	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
									µg/L		
		Silica, total recoverable	7,100						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	1,100						µg/L		
		Specific conductance	21						µS/cm		
		Sulfate	<1,700			450	1	J	µg/L	GE	0
		2,4,5-T	<7.5E-04						µg/L		
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	22,000						µg/L		
		Total organic carbon	<1,700			<1,000	1		µg/L	GE	0
		Total organic halogens	41			110	1		µg/L	GE	2
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.5E-04						µg/L		
		Tributyl phosphate	<17						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	1.2			1.5	1	J	µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
		Tritium	1.4E+01			1.3E+01	1	I	pCi/mL	GP	1
		Turbidity	17			17	1	V	NTU	GE	
		Uranium-233/234	*7.0E-02*						pCi/L		
		Uranium-235	*-4.7E-03*						pCi/L		
		Uranium-238	*7.5E-02*						pCi/L		
		Vanadium, total recoverable	<13			0.49	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		
		Zinc, total recoverable	7.4						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WELL BGO 18A

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N75599.9 E56699.7	33.285490 °N 81.664350 °W	109.5-99.5 ft msl	295.2 ft msl	4" PVC	S	U. Congaree (IIA)

SAMPLE DATE 02/08/95 10/06/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	161.2			161.8	ft msl
pH	7.0			6.9	pH
Sp. conductance	184			172	µS/cm
Water temperature	18.8			20.5	°C
Alkalinity as $CaCO_3$	65			67	mg/L
Turbidity	0			0	NTU
Volume purged	5.5			3.3	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				79,000	1		µg/L	GE	
		Aluminum, total recoverable	<33						µg/L		
		Antimony, total recoverable	3.4			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<6.3	1	V	µg/L	GE	0
		Barium, total recoverable	30			29	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	33,000						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14	*-1.1E+01*			*-2.1E+00*	1	UI	pCi/L	GP	0
		Chloride	2,800						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			<4.0	1		µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<1.3	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	*6.0E-01*			1.3E+00	1	I	pCi/L	GP	0
		Iron, total recoverable	10						µg/L		
		Lead, total recoverable	<5.0			<5.0	1		µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	930						µg/L		
		Manganese, total recoverable	35						µg/L		
		Mercury, total recoverable	<0.33			<0.20	1		µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	<83						µg/L		
		Nonvolatile beta	*3.3E-01*			*1.3E+00*	1	UI	pCi/L	GP	0
		pH	6.9						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	950						µg/L		
		Radium, total alpha-emitting	8.0E-01			3.0E-01	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<1.8	1	JV	µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
									µg/L		
		Silica, total recoverable	33,000			<2.0	1		µg/L	GE	0
		Silver, total recoverable	<3.3						µg/L		
		Sodium, total recoverable	2,100						µS/cm		
		Specific conductance	190						µg/L	GE	0
		Sulfate	8,800			8,400	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	4.0			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	140,000						µg/L		
		Total organic carbon	1,100			<1,600	1	V	µg/L	GE	0
		Total organic halogens	140			<10	1		µg/L	GE	0
		Total phosphates (as P)	110						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.5E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
		Tritium	*-1.3E-01*			*4.4E-02*	1	UI	pCi/mL	GP	0
●		Turbidity	<0.17			<0.39	1	JV1	NTU	GE	0
		Uranium-233/234	*4.9E-01*						pCi/L		
		Uranium-235	*3.8E-02*						pCi/L		
		Uranium-238	*7.0E-01*						pCi/L		
		Vanadium, total recoverable	<13			<10	1		µg/L	GE	0
		Xylenes	<3.3						µg/L		
		Zinc, total recoverable	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
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WELL BGO 18D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N75600.0 E56711.2	33.285509 °N 81.664320 °W	239.6-219.6 ft msl	294.9 ft msl	4" PVC	S	Water Table (IIB2)

SAMPLE DATE: 02/08/95 (1Q95); 10/06/95 (4Q95)

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	232.0			232.9	ft msl
pH	4.8			4.9	pH
Sp. conductance	26			28	µS/cm
Water temperature	18.5			20.7	°C
Alkalinity as $CaCO_3$	0			0	mg/L
Turbidity	0			0	NTU
Volume purged	15			6.4	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Aldrin	<0.083						µg/L		
		Alkalinity (as $CaCO_3$)				<5,000	1		µg/L	GE	0
		Aluminum, total recoverable	45						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<3.5	1	JV	µg/L	GE	0
		Barium, total recoverable	9.0			9.2	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	690						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14	*-2.8E+00*			*1.9E+00*	1	UI	pCi/L	GP	0
		Chloride	1,800						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			<4.0	1		µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		p,p'-DDT	<0.17						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<1.7	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Dieldrin	<0.83						µg/L		
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	3.4E+00			2.1E+00	1	I	pCi/L	GP	0
		Heptachlor	<0.083						µg/L		
		Iron, total recoverable	6.1						µg/L		
		Lead, total recoverable	<3.6			<5.0	1		µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	310						µg/L		
		Manganese, total recoverable	11						µg/L		
		Mercury, total recoverable	<0.33			<0.20	1		µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	1,400						µg/L		
		Nonvolatile beta	1.6E+00			2.5E+00	1	I	pCi/L	GP	0
		pH	5.0						pH		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	<830						µg/L		
		Radium, total alpha-emitting	2.8E+00			1.0E+00	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Silica, total recoverable	8,300						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	2,100						µg/L		
		Specific conductance	26						µS/cm		
		Sulfate	<1,700			260	1	J	µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	2.6			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	31,000						µg/L		
		Total organic carbon	<1,700			<540	1	JV	µg/L	GE	0
		Total organic halogens	100			2.9	1	J	µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.5E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			2.8	1		µg/L	GE	0
		Tritium	1.5E+01			1.8E+01	1	I	pCi/mL	GP	1
●		Turbidity	<0.17			<0.14	1	JV1	NTU	GE	0
		Uranium-233/234	*7.3E-02*						pCi/L		
		Uranium-235	*0.0E+00*						pCi/L		
		Uranium-238	*3.4E-02*						pCi/L		
		Vanadium, total recoverable	<13			<10	1		µg/L	GE	0
		Xylenes	<3.3						µg/L		
		Zinc, total recoverable	2.2						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGO 19D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N75350.0 E56997.3	33.285423 °N 81.663081 °W	216.8-196.8 ft msl	290.1 ft msl	4" PVC	S	Water Table (IIB2)

SAMPLE DATE: 02/08/95 (1Q95); 10/06/95 (4Q95)

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	232.7			233.4	ft msl
pH	5.6			5.7	pH
Sp. conductance	30			30	µS/cm
Water temperature	18.7			20.8	°C
Alkalinity as $CaCO_3$	3			1	mg/L
Turbidity	22			1	NTU
Volume purged	4.3			6.2	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				<5,000	1		µg/L	GE	0
		Aluminum, total recoverable	25						µg/L		
		Antimony, total recoverable	2.2			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<4.9	1	JV	µg/L	GE	0
		Barium, total recoverable	16			16	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				18	1	J	µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			0.41	1	J	µg/L	GE	0
		Calcium, total recoverable	2,400						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14	*-7.9E+00*			1.0E+01	1	I	pCi/L	GP	0
		Chloride	2,500						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			1.1	1	J	µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<1.7	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	2.4E+00			2.1E+00	1	I	pCi/L	GP	0
		Iron, total recoverable	18						µg/L		
		Lead, total recoverable	<5.0			<5.0	1		µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	340						µg/L		
		Manganese, total recoverable	15			16	1		µg/L	GE	0
		Mercury, total recoverable	<0.33			<0.20	1		µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	1,400						µg/L		
		Nonvolatile beta	*1.5E+00*			3.5E+00	1	I	pCi/L	GP	0
		pH	5.8						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	<830						µg/L		
		Radium, total alpha-emitting	6.0E-01			*1.0E-01*	1	UI	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

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H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	9,200						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	2,600						µg/L		
		Specific conductance	35						µS/cm		
		Sulfate	<1,700			550	1	J	µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	2.4			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	34,000						µg/L		
		Total organic carbon	<1,700			<630	1	JV	µg/L	GE	0
		Total organic halogens	62			<10	1		µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.5E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	***5.2E+01***			***3.8E+01***	1	I	pCi/mL	GP	2
●		Turbidity	14			7.4	1	JV1	NTU	GE	
		Uranium-233/234	*2.1E-02*						pCi/L		
		Uranium-235	*0.0E+00*						pCi/L		
		Uranium-238	*1.8E-01*						pCi/L		
		Vanadium, total recoverable	<13			0.60	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		
		Zinc, total recoverable	8.5						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WELL BGO 20A

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N74966.4 E57100.4	33.284743 °N 81.662064 °W	96.3-86.3 ft msl	283.9 ft msl	2" PVC	V	U. Congaree (IIA)

SAMPLE DATE 10/10/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation				163.3	ft msl
pH				10.3	pH
Sp. conductance				326	µS/cm
Water temperature				21.7	°C
Alkalinity as $CaCO_3$				41	mg/L
Turbidity				23	NTU
Volume purged				2.9	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Alkalinity (as $CaCO_3$)				56,000	1		µg/L	GE	
		Aluminum, total recoverable				160	1		µg/L	GE	2
		Antimony, total recoverable				<5.0	1		µg/L	GE	0
		Arsenic, total recoverable				<5.0	1		µg/L	GE	0
		Barium, total recoverable				58	1		µg/L	GE	0
		Benzene				<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane				<2.0	1		µg/L	GE	0
		Bromoform				<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)				<2.0	1		µg/L	GE	0
		Cadmium, total recoverable				<2.0	1		µg/L	GE	0
		Calcium, total recoverable				28,000	1	V	µg/L	GE	
		Carbon tetrachloride				<2.0	1		µg/L	GE	0
		Carbon-14				*4.6E+00*	1	UI	pCi/L	GP	0
		Chloride				7,400	1		µg/L	GE	0
		Chlorobenzene				<2.0	1		µg/L	GE	0
		Chloroethane				<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)				<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether				<10	1		µg/L	GE	0
		Chloroform				<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)				<1.3	1	JV	µg/L	GE	0
		Chromium, total recoverable				5.8	1		µg/L	GE	0
		Dibromochloromethane				<2.0	1		µg/L	GE	0
		1,1-Dichloroethane				<2.0	1		µg/L	GE	0
		1,2-Dichloroethane				<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene				<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene				<2.0	1		µg/L	GE	0
		Dichloromethane				<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid				<0.056	1		µg/L	GE	0
		1,2-Dichloropropane				<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene				<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene				<2.0	1		µg/L	GE	0
		Endrin				<0.050	1	J1	µg/L	GE	0
		Ethylbenzene				<2.0	1		µg/L	GE	0
		Fluoride				<100	1		µg/L	GE	0
		Gross alpha				1.9E+00	1	I	pCi/L	GP	0
		Iron, total recoverable				1,800	1		µg/L	GE	2
		Lead, total recoverable				13	1		µg/L	GE	0
		Lindane				<0.025	1	J1	µg/L	GE	0
		Lithium, total recoverable				54	1		µg/L	GE	2
		Magnesium, total recoverable				660	1		µg/L	GE	
		Manganese, total recoverable				43	1		µg/L	GE	1
		Mercury, total recoverable				<0.16	1	JV	µg/L	GE	0
		Methoxychlor				<0.50	1	J1	µg/L	GE	0
		Nickel, total recoverable				4.7	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen				10	1	J	µg/L	GE	0
		Nonvolatile beta				4.8E+01	1	I	pCi/L	GP	1
●		pH				10	1	J1	pH	GE	2
		Phenols				<5.0	1		µg/L	GE	0
		Potassium, total recoverable				52,000	1		µg/L	GE	
		Radium, total alpha-emitting				7.0E-01	1	I	pCi/L	GP	0
		Selenium, total recoverable				<2.2	1	JV	µg/L	GE	0
		Silica, total recoverable				44,000	1	V	µg/L	GE	
		Silver, total recoverable				<2.0	1		µg/L	GE	0
		Sodium, total recoverable				8,500	1	V	µg/L	GE	
		Specific conductance				270	1		µS/cm	GE	1

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Sulfate				20,000	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane				<2.0	1		µg/L	GE	0
		Tetrachloroethylene				<2.0	1		µg/L	GE	0
		Tin, total recoverable				<50	1		µg/L	GE	0
		Toluene				<2.0	1		µg/L	GE	0
		Total activity				3.1E+04	50	UI	pCi/L	EM	0
		Total dissolved solids				200,000	1		µg/L	GE	
		Total organic carbon				<1,700	1	V	µg/L	GE	0
		Total organic halogens				<10	1		µg/L	GE	0
		Total phosphates (as P)				180	1		µg/L	GE	
		Toxaphene				<1.0	1	J1	µg/L	GE	0
		2,4,5-TP (Silvex)				<0.028	1		µg/L	GE	0
		1,1,1-Trichloroethane				<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane				<2.0	1		µg/L	GE	0
		Trichloroethylene				<2.0	1		µg/L	GE	0
		Trichlorofluoromethane				<2.0	1		µg/L	GE	0
		Tritium				*-7.1E-02*	1	UI	pCi/mL	GP	0
●		Turbidity				75	3	JV1	NTU	GE	
		Vanadium, total recoverable				<1.6	1	JV	µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WELL BGO 20AA

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N74949.8 E57089.5	33.284688 °N 81.662061 °W	28.3-18.3 ft msl	283.6 ft msl	2" PVC	V	McBean (IIB1)

SAMPLE DATE 10/10/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation				161.8	ft msl
pH				10.1	pH
Sp. conductance				253	µS/cm
Water temperature				20.3	°C
Alkalinity as $CaCO_3$				92	mg/L
Turbidity				3	NTU
Volume purged				2.1	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Alkalinity (as $CaCO_3$)				22,000	1		µg/L	GE	
		Aluminum, total recoverable				91	1		µg/L	GE	2
		Antimony, total recoverable				<5.0	1		µg/L	GE	0
		Arsenic, total recoverable				7.6	1		µg/L	GE	0
		Barium, total recoverable				83	1		µg/L	GE	0
		Benzene				<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane				<2.0	1		µg/L	GE	0
		Bromoform				<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)				<2.0	1		µg/L	GE	0
		Cadmium, total recoverable				<2.0	1		µg/L	GE	0
		Calcium, total recoverable				28,000	1	V	µg/L	GE	
		Carbon tetrachloride				<2.0	1		µg/L	GE	0
		Carbon-14				*7.2E+00*	1	UI	pCi/L	GP	0
		Chloride				1,800	1	V	µg/L	GE	0
		Chlorobenzene				<2.0	1		µg/L	GE	0
		Chloroethane				<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)				<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether				<10	1		µg/L	GE	0
		Chloroform				<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)				<1.3	1	JV	µg/L	GE	0
		Chromium, total recoverable				0.67	1	J	µg/L	GE	0
		Dibromochloromethane				<2.0	1		µg/L	GE	0
		1,1-Dichloroethane				<2.0	1		µg/L	GE	0
		1,2-Dichloroethane				<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene				<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene				<2.0	1		µg/L	GE	0
		Dichloromethane				<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid				<0.051	1		µg/L	GE	0
		1,2-Dichloropropane				<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene				<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene				<2.0	1		µg/L	GE	0
		Endrin				<0.050	1		µg/L	GE	0
		Ethylbenzene				<2.0	1		µg/L	GE	0
		Fluoride				240	1		µg/L	GE	0
		Gross alpha				*3.9E-01*	1	UI	pCi/L	GP	0
		Iron, total recoverable				110	1		µg/L	GE	0
		Lead, total recoverable				<5.0	1		µg/L	GE	0
		Lindane				<0.025	1		µg/L	GE	0
		Lithium, total recoverable				85	1		µg/L	GE	2
		Magnesium, total recoverable				310	1		µg/L	GE	
		Manganese, total recoverable				7.0	1		µg/L	GE	0
		Mercury, total recoverable				<0.19	1	JV	µg/L	GE	0
		Methoxychlor				<0.50	1		µg/L	GE	0
		Nickel, total recoverable				1.7	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen				10	1	J	µg/L	GE	0
		Nonvolatile beta				2.3E+01	1	I	pCi/L	GP	0
●		pH				10	1	J1	pH	GE	2
		Phenols				<5.0	1		µg/L	GE	0
		Potassium, total recoverable				29,000	1		µg/L	GE	
		Radium, total alpha-emitting				6.0E-01	1	I	pCi/L	GP	0
		Selenium, total recoverable				<2.5	1	JV	µg/L	GE	0
		Silica, total recoverable				50,000	1	V	µg/L	GE	
		Silver, total recoverable				<2.0	1		µg/L	GE	0
		Sodium, total recoverable				16,000	1	V	µg/L	GE	
		Specific conductance				220	1		µS/cm	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Sulfate				12,000	1		µg/L	GE	0
		2,4,5-T				<0.051	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane				<2.0	1		µg/L	GE	0
		Tetrachloroethylene				<2.0	1		µg/L	GE	0
		Tin, total recoverable				<50	1		µg/L	GE	0
		Toluene				1.6	1	J	µg/L	GE	0
		Total activity				*-6.9E+03*	50	UI	pCi/L	EM	0
		Total dissolved solids				180,000	1		µg/L	GE	
		Total organic carbon				<1,100	1	V	µg/L	GE	0
		Total organic halogens				<10	1		µg/L	GE	0
		Total phosphates (as P)				<50	1		µg/L	GE	0
		Toxaphene				<1.0	1		µg/L	GE	0
		2,4,5-TP (Silvex)				<0.025	1		µg/L	GE	0
		1,1,1-Trichloroethane				<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane				<2.0	1		µg/L	GE	0
		Trichloroethylene				<2.0	1		µg/L	GE	0
		Trichlorofluoromethane				<2.0	1		µg/L	GE	0
		Tritium				*-1.5E-01*	1	UI	pCi/mL	GP	0
●		Turbidity				2.9	1	JV1	NTU	GE	
		Vanadium, total recoverable				<1.1	1	JV	µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGO 20B

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N74951.5 E57119.8	33.284742 °N 81.661984 °W	141.0-131.0 ft msl	283.5 ft msl	2" PVC	V	McBean (IIB1)

SAMPLE DATE 10/12/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation				228.3	ft msl
pH				6.5	pH
Sp. conductance				153	µS/cm
Water temperature				19.6	°C
Alkalinity as $CaCO_3$				59	mg/L
Turbidity				24	NTU
Volume purged				0.88	well volume
Sampling code				X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Alkalinity (as $CaCO_3$)				84,000	1		µg/L	GE	
		Aluminum, total recoverable				630	1	V	µg/L	GE	2
		Antimony, total recoverable				<5.0	1		µg/L	GE	0
		Arsenic, total recoverable				<5.0	1		µg/L	GE	0
		Barium, total recoverable				35	1	V	µg/L	GE	0
●	■	Benzene				***19***	1	J1	µg/L	GE	2
		Boron, total recoverable				26	1	J	µg/L	GE	0
●		Bromodichloromethane				20	1	J1	µg/L	GE	0
●		Bromoform				23	1	J1	µg/L	GE	0
●		Bromomethane (Methyl bromide)				<2.0	1	J1	µg/L	GE	0
		Cadmium, total recoverable				0.13	1	J	µg/L	GE	0
		Calcium, total recoverable				26,000	1	V	µg/L	GE	
●	■	Carbon tetrachloride				***18***	1	J1	µg/L	GE	2
		Carbon-14				***-1.9E+00***	1	UI	pCi/L	GP	0
		Chloride				1,900	1		µg/L	GE	0
●		Chlorobenzene				22	1	J1	µg/L	GE	0
●		Chloroethane				<2.0	1	J1	µg/L	GE	0
●		Chloroethene (Vinyl chloride)				<2.0	1	J1	µg/L	GE	0
●		2-Chloroethyl vinyl ether				<10	1	J1	µg/L	GE	0
●		Chloroform				20	1	J1	µg/L	GE	0
●		Chloromethane (Methyl chloride)				<2.0	1	J1	µg/L	GE	0
		Chromium, total recoverable				14	1		µg/L	GE	0
●		Dibromochloromethane				23	1	J1	µg/L	GE	0
●		1,1-Dichloroethane				21	1	J1	µg/L	GE	2
●	■	1,2-Dichloroethane				***19***	1	J1	µg/L	GE	2
●	■	1,1-Dichloroethylene				***21***	1	J1	µg/L	GE	2
●		trans-1,2-Dichloroethylene				21	1	J1	µg/L	GE	0
●	■	Dichloromethane				***20***	1	JV1	µg/L	GE	2
		2,4-Dichlorophenoxyacetic acid				0.15	1		µg/L	GE	0
●	■	1,2-Dichloropropane				***18***	1	J1	µg/L	GE	2
●		cis-1,3-Dichloropropene				19	1	J1	µg/L	GE	2
●		trans-1,3-Dichloropropene				23	1	J1	µg/L	GE	2
		Endrin				<0.050	1		µg/L	GE	0
●		Ethylbenzene				<2.0	1	J1	µg/L	GE	0
		Fluoride				210	1		µg/L	GE	0
		Gross alpha				2.7E+00	1	I	pCi/L	GP	0
		Iron, total recoverable				1,400	1		µg/L	GE	2
		Lead, total recoverable				130	1		µg/L	GE	2
		Lindane				<0.025	1		µg/L	GE	0
		Lithium, total recoverable				<25	1		µg/L	GE	0
		Magnesium, total recoverable				690	1	V	µg/L	GE	
		Manganese, total recoverable				40	1		µg/L	GE	1
		Mercury, total recoverable				0.19	1	J	µg/L	GE	0
		Methoxychlor				<0.50	1		µg/L	GE	0
		Nickel, total recoverable				5.4	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen				640	1	V	µg/L	GE	0
		Nonvolatile beta				3.6E+00	1	I	pCi/L	GP	0
●		pH				7.7	1	J1	pH	GE	0
		Phenols				<5.0	1		µg/L	GE	0
		Potassium, total recoverable				1,500	1		µg/L	GE	
		Radium, total alpha-emitting				1.6E+00	1	I	pCi/L	GP	0
		Selenium, total recoverable				<5.0	1		µg/L	GE	0
		Silica, total recoverable				22,000	1	V	µg/L	GE	
		Silver, total recoverable				<2.0	1		µg/L	GE	0
		Sodium, total recoverable				7,300	1	V	µg/L	GE	
		Specific conductance				170	1		µS/cm	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Sulfate				1,400	1		µg/L	GE	0
●		1,1,2,2-Tetrachloroethane				22	1	J1	µg/L	GE	2
●	■	Tetrachloroethylene				***19***	1	J1	µg/L	GE	2
		Tin, total recoverable				<50	1		µg/L	GE	0
●		Toluene				22	1	J1	µg/L	GE	0
		Total activity				4.1E+03	10	UI	pCi/L	EM	0
		Total dissolved solids				260,000	1		µg/L	GE	
		Total organic carbon				<1,000	1		µg/L	GE	0
		Total organic halogens				33	1		µg/L	GE	1
		Total phosphates (as P)				650	1		µg/L	GE	
		Toxaphene				<1.0	1		µg/L	GE	0
		2,4,5-TP (Silvex)				<0.025	1		µg/L	GE	0
●		1,1,1-Trichloroethane				18	1	J1	µg/L	GE	0
●	■	1,1,2-Trichloroethane				***20***	1	J1	µg/L	GE	2
●	■	Trichloroethylene				***18***	1	J1	µg/L	GE	2
●		Trichlorofluoromethane				<2.0	1	J1	µg/L	GE	0
		Tritium				*-3.7E-02*	1	UI	pCi/mL	GP	0
●		Turbidity				33	1	J1	NTU	GE	
		Vanadium, total recoverable				3.9	1	J	µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WELL BGO 20C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N74937.6 E57106.0	33.284688 °N 81.661993 °W	184.0-174.0 ft msl	283.5 ft msl	2" PVC	V	Barnwell (IIB1)

SAMPLE DATE 10/10/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation				229.4	ft msl
pH				5.6	pH
Sp. conductance				32	µS/cm
Water temperature				20.0	°C
Alkalinity as $CaCO_3$				1	mg/L
Turbidity				0	NTU
Volume purged				2.4	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Alkalinity (as $CaCO_3$)				28,000	1		µg/L	GE	
		Aluminum, total recoverable				29	1		µg/L	GE	1
		Antimony, total recoverable				<5.0	1		µg/L	GE	0
		Arsenic, total recoverable				<5.0	1		µg/L	GE	0
		Barium, total recoverable				5.2	1		µg/L	GE	0
		Benzene				<2.0	1		µg/L	GE	0
		Boron, total recoverable				<12	1	JV	µg/L	GE	0
		Bromodichloromethane				<2.0	1		µg/L	GE	0
		Bromoform				<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)				<2.0	1		µg/L	GE	0
		Cadmium, total recoverable				<2.0	1		µg/L	GE	0
		Calcium, total recoverable				1,600	1	V	µg/L	GE	
		Carbon tetrachloride				<2.0	1		µg/L	GE	0
		Carbon-14				*3.5E+00*	1	UI	pCi/L	GP	0
		Chloride				1,900	1	V	µg/L	GE	0
		Chlorobenzene				<2.0	1		µg/L	GE	0
		Chloroethane				<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)				<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether				<10	1		µg/L	GE	0
		Chloroform				<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)				<5.4	1	V	µg/L	GE	0
		Chromium, total recoverable				2.8	1	J	µg/L	GE	0
		Dibromochloromethane				<2.0	1		µg/L	GE	0
		1,1-Dichloroethane				<2.0	1		µg/L	GE	0
		1,2-Dichloroethane				<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene				<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene				<2.0	1		µg/L	GE	0
		Dichloromethane				<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid				<0.053	1		µg/L	GE	0
		1,2-Dichloropropane				<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene				<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene				<2.0	1		µg/L	GE	0
		Endrin				<0.050	1		µg/L	GE	0
		Ethylbenzene				<2.0	1		µg/L	GE	0
		Fluoride				<100	1		µg/L	GE	0
		Gross alpha				*-1.4E-02*	1	UI	pCi/L	GP	0
		Iron, total recoverable				20	1		µg/L	GE	0
		Lead, total recoverable				<5.0	1		µg/L	GE	0
		Lindane				<0.025	1		µg/L	GE	0
		Lithium, total recoverable				<25	1		µg/L	GE	0
		Magnesium, total recoverable				320	1		µg/L	GE	
		Manganese, total recoverable				9.8	1		µg/L	GE	0
		Mercury, total recoverable				<0.13	1	JV	µg/L	GE	0
		Methoxychlor				<0.50	1		µg/L	GE	0
		Nickel, total recoverable				<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen				980	1		µg/L	GE	0
		Nonvolatile beta				*8.0E-01*	1	UI	pCi/L	GP	0
●		pH				6.2	1	J1	pH	GE	0
		Phenols				<5.0	1		µg/L	GE	0
		Potassium, total recoverable				1,300	1		µg/L	GE	
		Radium, total alpha-emitting				*0.0E+00*	1	UI	pCi/L	GP	0
		Selenium, total recoverable				<5.0	1		µg/L	GE	0
		Silica, total recoverable				13,000	1	V	µg/L	GE	
		Silver, total recoverable				<2.0	1		µg/L	GE	0
		Sodium, total recoverable				3,000	1	V	µg/L	GE	
		Specific conductance				34	1		µS/cm	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Sulfate				960	1	J	µg/L	GE	0
		1,1,2,2-Tetrachloroethane				<2.0	1		µg/L	GE	0
		Tetrachloroethylene				<2.0	1		µg/L	GE	0
		Tin, total recoverable				<50	1		µg/L	GE	0
		Toluene				<2.0	1		µg/L	GE	0
		Total activity				7.3E+03	50	UI	pCi/L	EM	0
		Total dissolved solids				30,000	1		µg/L	GE	
		Total organic carbon				<350	1	JV	µg/L	GE	0
		Total organic halogens				<10	1		µg/L	GE	0
		Total phosphates (as P)				<50	1		µg/L	GE	0
		Toxaphene				<1.0	1		µg/L	GE	0
		2,4,5-TP (Silvex)				<0.026	1		µg/L	GE	0
		1,1,1-Trichloroethane				<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane				<2.0	1		µg/L	GE	0
		Trichloroethylene				<2.0	1		µg/L	GE	0
		Trichlorofluoromethane				<2.0	1		µg/L	GE	0
		Tritium				3.5E+00	1	I	pCi/mL	GP	0
●		Turbidity				<0.43	1	JV1	NTU	GE	0
		Vanadium, total recoverable				<0.55	1	JV	µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WELL BGO 20D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N74962.2 E57113.8	33.284755 °N 81.662021 °W	236.3-216.3 ft msl	283.7 ft msl	4" PVC	S	Water Table (IIB2)

SAMPLE DATE: 02/09/95 (1Q95); 10/11/95 (4Q95)

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	234.3			240.8	ft msl
pH	5.7			5.4	pH
Sp. conductance	65			80	µS/cm
Water temperature	15.1			20.9	°C
Alkalinity as $CaCO_3$	13			18	mg/L
Turbidity	2			2	NTU
Volume purged	0.59			0.62	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				7,600	1		µg/L	GE	
		Aluminum, total recoverable	<33			52	1		µg/L	GE	2
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Barium, total recoverable	49			54	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	5,900			6,000	1	V	µg/L	GE	
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14	*-7.5E+00*			*7.4E+00*	1	UI	pCi/L	GP	0
		Chloride	2,300			6,700	1	V	µg/L	GE	0
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.5	1	V	µg/L	GE	0
		Chromium, total recoverable	<6.7			1.3	1	J	µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0026			<0.051	1		µg/L	GE	0
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010			<0.050	1		µg/L	GE	0
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50			930	1		µg/L	GE	0
		Gross alpha	1.3E+00			1.1E+00	1	I	pCi/L	GP	0
		Iron, total recoverable	160			110	1		µg/L	GE	0
		Lead, total recoverable	9.1			16	1		µg/L	GE	0
		Lindane	<0.0083			<0.025	1		µg/L	GE	0
		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	1,300			1,300	1		µg/L	GE	
		Manganese, total recoverable	31			32	1		µg/L	GE	1
		Mercury, total recoverable	<0.33			<0.11	1	JV	µg/L	GE	0
		Methoxychlor	<0.83			<0.50	1		µg/L	GE	0
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			3.5	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	1,800			1,900	2		µg/L	GE	0
		Nonvolatile beta	*1.0E+00*			2.1E+00	1	I	pCi/L	GP	0
●		pH	5.8			5.8	1	J1	pH	GE	0
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	680			590	1		µg/L	GE	
		Radium, total alpha-emitting	8.0E-01			1.1E+00	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	8,400			9,300	1	JV	µg/L	GE	
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	4,100			4,800	1	V	µg/L	GE	
		Specific conductance	66			70	1		µS/cm	GE	0
		Sulfate	<1,700			10,000	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	44,000			43,000	1		µg/L	GE	
		Total organic carbon	1,500			2,800	1	V	µg/L	GE	0
		Total organic halogens	26			34	1		µg/L	GE	1
		Total phosphates (as P)	<83			<50	1		µg/L	GE	0
		Toxaphene	<0.40			<1.0	1		µg/L	GE	0
		2,4,5-TP (Silvex)	<7.7E-04			<0.026	1		µg/L	GE	0
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	***2.6E+01***			***3.2E+01***	1	I	pCi/mL	GP	2
		Turbidity	3.2			3.7	1	V	NTU	GE	
		Uranium-233/234	*1.1E-02*						pCi/L		
		Uranium-235	*2.5E-02*						pCi/L		
		Uranium-238	*3.6E-02*						pCi/L		
		Vanadium, total recoverable	<13			<0.48	1	JV	µg/L	GE	0
		Xylenes	<3.3						µg/L		
		Zinc, total recoverable	54						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WELL BGO 21D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N74688.5 E57470.7	33.284732 °N 81.660549 °W	237.7-217.7 ft msl	285.4 ft msl	4" PVC	S	Water Table (IIB2)

SAMPLE DATE 02/09/95 10/12/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	235.1			235.6	ft msl
pH	5.8			7.6	pH
Sp. conductance	75			78	µS/cm
Water temperature	16.4			19.6	°C
Alkalinity as $CaCO_3$	10			7	mg/L
Turbidity	37			114	NTU
Volume purged	0.70			0.68	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				13,000	1		µg/L	GE	
		Aluminum, total recoverable	41						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Barium, total recoverable	43			50	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	1,900						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14	*-5.0E+00*			*-5.8E+00*	1	UI	pCi/L	GP	0
		Chloride	7,700						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			2.8	1	J	µg/L	GE	0
		Copper, total recoverable	5.0						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.10						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	1.9E+00			8.7E-01	1	I	pCi/L	GP	0
		Iron, total recoverable	190						µg/L		
		Lead, total recoverable	10			11	1		µg/L	GE	0
		Lindane	<0.083						µg/L		
		Lithium, total recoverable	28			29	1		µg/L	GE	1
		Magnesium, total recoverable	800						µg/L		
		Manganese, total recoverable	23						µg/L		
		Mercury, total recoverable	<0.33			<0.20	1		µg/L	GE	0
		Methoxychlor	<0.0083						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	4.7			1.8	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	2,700						µg/L		
		Nonvolatile beta	3.3E+00			3.9E+00	1	I	pCi/L	GP	0
		pH	5.7						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	3,700						µg/L		
		Radium, total alpha-emitting	7.0E-01			1.0E+00	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WSRC-TR-95-0139-4
Unclassified

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	6,800						µg/L		
		Silver, total recoverable	<3.3			12	1	J	µg/L	GE	0
		Sodium, total recoverable	1,100						µg/L		
		Specific conductance	21						µS/cm		
		Sulfate	1,000			1,500	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	19,000						µg/L		
		Total organic carbon	<1,700			540	1	J	µg/L	GE	0
		Total organic halogens	22			9.8	1	J	µg/L	GE	0
		Total phosphates (as P)	120						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.4E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
		Tritium	1.0E+01			8.0E+00	1	I	pCi/mL	GP	0
		Turbidity	83			24	1	V	NTU	GE	
		Uranium-233/234	*8.0E-02*						pCi/L		
		Uranium-235	*-1.0E-02*						pCi/L		
		Uranium-238	*1.2E-01*						pCi/L		
		Vanadium, total recoverable	<13			2.3	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		
		Zinc, total recoverable	11						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less

WELL BGO 23D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N74238.1 E58133.0	33.284817 °N 81.657930 °W	242.0-222.0 ft msl	289.2 ft msl	4" PVC	S	Water Table (IIB2)

SAMPLE DATE 02/09/95 10/06/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	235.9			236.5	ft msl
pH	5.9			5.7	pH
Sp. conductance	33			33	µS/cm
Water temperature	19.2			21.5	°C
Alkalinity as $CaCO_3$	3			1	mg/L
Turbidity	2			2	NTU
Volume purged	3.5			5.3	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				<5,000	1		µg/L	GE	0
		Aluminum, total recoverable	<33						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<3.2	1	JV	µg/L	GE	0
		Barium, total recoverable	7.7			7.7	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	1,200						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14	*-3.4E+00*			*-8.3E-01*	1	UI	pCi/L	GP	0
		Chloride	930						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			<4.0	1		µg/L	GE	0
		Copper, total recoverable	21						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	8.6E-01			1.2E+00	1	I	pCi/L	GP	0
		Iron, total recoverable	14						µg/L		
		Lead, total recoverable	8.5			5.5	1		µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	390						µg/L		
		Manganese, total recoverable	8.4						µg/L		
		Mercury, total recoverable	<0.33			<0.20	1		µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	4.8			1.0	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	2,600						µg/L		
		Nonvolatile beta	*8.8E-01*			1.9E+00	1	I	pCi/L	GP	0
		pH	5.9						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	550						µg/L		
		Radium, total alpha-emitting	3.0E-01			4.0E-01	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	6,500						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	4,000						µg/L		
		Specific conductance	35						µS/cm		
		Sulfate	<1,700			<1,000	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	29,000						µg/L		
		Total organic carbon	<1,700			<380	1	JV	µg/L	GE	0
		Total organic halogens	45			5.4	1	J	µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.5E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	***2.8E+01***			***2.3E+01***	1	I	pCi/mL	GP	2
●		Turbidity	5.3			1.2	1	JV1	NTU	GE	
		Uranium-233/234	*3.4E-02*						pCi/L		
		Uranium-235	*-9.7E-03*						pCi/L		
		Uranium-238	*3.4E-02*						pCi/L		
		Vanadium, total recoverable	<13			<10	1		µg/L	GE	0
		Xylenes	<3.3						µg/L		
		Zinc, total recoverable	20						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGO 24D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N74012.4 E58438.8	33.284816 °N 81.656687 °W	241.0-221.0 ft msl	293.2 ft msl	4" PVC	S	Water Table (IIB2)

SAMPLE DATE: 02/09/95 (1Q95); 10/12/95 (4Q95)

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	237.0			237.6	ft msl
pH	9.7			8.6	pH
Sp. conductance	59			60	µS/cm
Water temperature	17.0			20.4	°C
Alkalinity as $CaCO_3$	23			15	mg/L
Turbidity	3			3	NTU
Volume purged	0.57			0.64	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				25,000	1		µg/L	GE	
		Aluminum, total recoverable	460						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			1.9	1	J	µg/L	GE	0
		Barium, total recoverable	16			14	1	V	µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			0.14	1	J	µg/L	GE	0
		Calcium, total recoverable	8,200						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14	*-1.0E+01*			*-6.8E+00*	1	UI	pCi/L	GP	0
		Chloride	1,200						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			2.0	1	J	µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	66						µg/L		
		Gross alpha	1.1E+00			*5.6E-01*	1	UI	pCi/L	GP	0
		Iron, total recoverable	120						µg/L		
		Lead, total recoverable	7.9			7.7	1		µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	120						µg/L		
		Manganese, total recoverable	25						µg/L		
		Mercury, total recoverable	<0.33			<0.20	1		µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	790						µg/L		
		Nonvolatile beta	*9.3E-01*			1.9E+00	1	I	pCi/L	GP	0
		pH	9.3						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	640						µg/L		
		Radium, total alpha-emitting	4.0E-01			*1.0E-01*	1	UI	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	6,600						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	4,600						µg/L		
		Specific conductance	63						µS/cm		
		Sulfate	3,400			2,800	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	41,000						µg/L		
		Total organic carbon	<1,700			190	1	J	µg/L	GE	0
		Total organic halogens	31			11	1		µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.5E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
		Tritium	9.8E+00			1.0E+01	1	I	pCi/mL	GP	1
		Turbidity	7.6			9.0	1	V	NTU	GE	
		Uranium-233/234	*1.8E-02*						pCi/L		
		Uranium-235	*0.0E+00*						pCi/L		
		Uranium-238	*1.5E-01*						pCi/L		
		Vanadium, total recoverable	<13			4.1	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		
		Zinc, total recoverable	22						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

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WELL BGO 25A

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N76158.5 E55668.1	33.285042 °N 81.668151 °W	114.1-104.1 ft msl	296.5 ft msl	4" PVC	S	U. Congaree (IIA)

SAMPLE DATE 01/31/95 10/04/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	161.1			162.0	ft msl
pH	7.8			5.5	pH
Sp. conductance	247			236	µS/cm
Water temperature	18.7			22.7	°C
Alkalinity as $CaCO_3$	99			88	mg/L
Turbidity	2			20	NTU
Volume purged	0.54			0.47	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				110,000	1		µg/L	GE	
		Aluminum, total recoverable	29						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			4.5	1	J	µg/L	GE	0
		Barium, total recoverable	39			43	1	V	µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<14	1	JV	µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	49,000						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*1.2E+00*	1	UI	pCi/L	GP	0
		Chloride	<420						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			6.9	1		µg/L	GE	0
		Copper, total recoverable	4.4						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	*2.1E-01*			8.2E-01	1	I	pCi/L	GP	0
		Iron, total recoverable	130						µg/L		
		Lead, total recoverable	3.1			24	1		µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	800						µg/L		
		Manganese, total recoverable	<3.3						µg/L		
		Mercury, total recoverable	<0.33			<0.017	1	JV	µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			1.5	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	<83						µg/L		
		Nonvolatile beta	*-7.9E-01*			1.7E+00	1	I	pCi/L	GP	0
		pH	7.6						pH		
		Phenols	<8.3			<10	1		µg/L	GE	0
		Potassium, total recoverable	670						µg/L		
		Radium, total alpha-emitting	3.0E-01			5.0E-01	1	IV	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	45,000						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	2,300						µg/L		
		Specific conductance	250						µS/cm		
		Sulfate	<1,700			8,700	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	180,000						µg/L		
		Total organic carbon	1,300			2,500	1	V	µg/L	GE	0
		Total organic halogens	7.4			<10	1		µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.5E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
		Tritium	*2.1E-01*			*5.8E-03*	1	UI	pCi/mL	GP	0
		Turbidity	0.83			2.6	1		NTU	GE	
		Uranium-233/234	*8.4E-02*						pCi/L		
		Uranium-235	*3.6E-02*						pCi/L		
		Uranium-238	*9.0E-02*						pCi/L		
		Vanadium, total recoverable	<13			<0.68	1	JV	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WELL BGO 26A

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

SAMPLE DATE 10/25/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation				159.7	ft msl
pH					pH
Sp. conductance					µS/cm
Water temperature					°C
Alkalinity as $CaCO_3$					mg/L
Turbidity					NTU
Volume purged					well volume
Sampling code				P	

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WELL BGO 26D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N76128.0 E55015.2	33.283910 °N 81.669811 °W	233.5-213.4 ft msl	285.5 ft msl	4" PVC	S	Water Table (IIB2)

SAMPLE DATE	01/31/95			10/04/95	
FIELD DATA					
Parameter	**1Q95**	**2Q95**	**3Q95**	**4Q95**	**Unit**
Water elevation	227.7			228.4	ft msl
pH	5.3			5.1	pH
Sp. conductance	23			36	µS/cm
Water temperature	18.7			24.8	°C
Alkalinity as $CaCO_3$	1			5	mg/L
Turbidity	9			3	NTU
Volume purged	0.96			0.91	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				<5,000	1		µg/L	GE	0
		Aluminum, total recoverable	200						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Barium, total recoverable	6.3			6.7	1	V	µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<33	1	JV	µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			0.37	1	J	µg/L	GE	0
		Calcium, total recoverable	840						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*-9.6E-01*	1	UI	pCi/L	GP	0
		Chloride	2,000						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			<4.0	1		µg/L	GE	0
		Copper, total recoverable	51						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	2.3E+00			1.5E+00	1	I	pCi/L	GP	0
		Iron, total recoverable	200						µg/L		
		Lead, total recoverable	15			48	1		µg/L	GE	1
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	380						µg/L		
		Manganese, total recoverable	12						µg/L		
		Mercury, total recoverable	<0.33			<0.027	1	JV	µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			7.2	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	920						µg/L		
		Nonvolatile beta	2.0E+00			1.1E+00	1	I	pCi/L	GP	0
		pH	5.6						pH		
		Phenols	<8.3			<10	1		µg/L	GE	0
		Potassium, total recoverable	<830						µg/L		
		Radium, total alpha-emitting	5.0E-01			7.0E-01	1	IV	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	8,100						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	2,200						µg/L		
		Specific conductance	28						µS/cm		
		Sulfate	<1,700			440	1	J	µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	1.1			1.5	1	J	µg/L	GE	0
		Tin, total recoverable	<3.3			1.4	1	J	µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	17,000						µg/L		
		Total organic carbon	<1,700			<930	1	JV	µg/L	GE	0
		Total organic halogens	35			<10	1		µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.4E-04						µg/L		
		Tributyl phosphate	<17						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
	■	Trichloroethylene	*24*			*11*	1		µg/L	GE	2
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
		Tritium	7.2E+00			6.9E+00	1	I	pCi/mL	GP	0
		Turbidity	30			3.8	1		NTU	GE	
		Uranium-233/234	*2.8E-02*						pCi/L		
		Uranium-235	*4.3E-02*						pCi/L		
		Uranium-238	*4.3E-02*						pCi/L		
		Vanadium, total recoverable	<13			<0.28	1	JV	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGO 27C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N75666.3 E54671.4	33.282328 °N 81.669820 °W	163.9-154.9 ft msl	276 ft msl	4" PVC	S	McBean (IIB1)

SAMPLE DATE	01/30/95			10/26/95	
FIELD DATA					
Parameter	**1Q95**	**2Q95**	**3Q95**	**4Q95**	**Unit**
Water elevation	220.7			221.1	ft msl
pH	7.4			7.1	pH
Sp. conductance	109			104	µS/cm
Water temperature	18.9			19.8	°C
Alkalinity as $CaCO_3$	38			42	mg/L
Turbidity	1			1	NTU
Volume purged	4.1			3.7	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<16						µg/L		
		Alkalinity (as $CaCO_3$)				48,000	1		µg/L	GE	
		Aluminum, total recoverable	37						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Barium, total recoverable	3.2			3.5	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	20,000						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*7.1E-01*	1	UI	pCi/L	GP	0
		Chloride	1,600						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			1.3	1	J	µg/L	GE	0
		Copper, total recoverable	10						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<1.5	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0026						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	62						µg/L		
		Gross alpha	*2.2E-01*			*1.8E-01*	1	UI	pCi/L	GP	0
		Iron, total recoverable	22						µg/L		
		Lead, total recoverable	<5.0			<5.0	1		µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	300						µg/L		
		Manganese, total recoverable	<3.3						µg/L		
		Mercury, total recoverable	<0.33			<0.070	1	JV	µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<16						µg/L		
		Nickel, total recoverable	<6.7			1.1	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	940						µg/L		
		Nonvolatile beta	*1.6E+00*			*6.6E-02*	1	UI	pCi/L	GP	0
		pH	7.2						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	<830						µg/L		
		Radium, total alpha-emitting	3.0E-01			1.4E+00	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	9,900						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	1,700						µg/L		
		Specific conductance	110						µS/cm		
		Sulfate	<1,700			<1,000	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	73,000						µg/L		
		Total organic carbon	<1,700			310	1	J	µg/L	GE	0
		Total organic halogens	20			15	1		µg/L	GE	0
		Total phosphates (as P)	350						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.7E-04						µg/L		
		Tributyl phosphate	<16						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
	■	Trichloroethylene	***25***			***25***	1		µg/L	GE	2
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	***6.9E+01***			***7.9E+01***	1	I	pCi/mL	GP	2
		Turbidity	1.6			0.23	1		NTU	GE	
		Uranium-233/234	*-9.2E-03*						pCi/L		
		Uranium-235	*0.0E+00*						pCi/L		
		Uranium-238	*0.0E+00*						pCi/L		
		Vanadium, total recoverable	<13			0.44	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGO 27D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N75677.3 E54680.2	33.282366 °N 81.669818 °W	229.3-209.3 ft msl	276.3 ft msl	4" PVC	S	Water Table (IIB2)

SAMPLE DATE	01/31/95			10/04/95	
FIELD DATA					
Parameter	**1Q95**	**2Q95**	**3Q95**	**4Q95**	**Unit**
Water elevation	227.7			228.0	ft msl
pH	5.2			4.8	pH
Sp. conductance	29			42	µS/cm
Water temperature	18.3			22.3	°C
Alkalinity as $CaCO_3$	1			1	mg/L
Turbidity	37			60	NTU
Volume purged	1.0			0.98	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<19						µg/L		
		Alkalinity (as $CaCO_3$)				<5,000	1		µg/L	GE	0
		Aluminum, total recoverable	110						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			3.1	1	J	µg/L	GE	0
		Barium, total recoverable	13			12	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	730						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*-2.7E+00*	1	UI	pCi/L	GP	0
		Chloride	1,400						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			1.7	1	J	µg/L	GE	0
		Copper, total recoverable	12						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.011						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	3.1E+00			3.3E+00	1	I	pCi/L	GP	0
		Iron, total recoverable	56						µg/L		
		Lead, total recoverable	5.6			22	1		µg/L	GE	0
		Lindane	<0.0090						µg/L		
		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	1,000						µg/L		
		Manganese, total recoverable	15						µg/L		
		Mercury, total recoverable	<0.33			<0.20	1		µg/L	GE	0
		Methoxychlor	<0.90						µg/L		
		Naphthalene	<19						µg/L		
		Nickel, total recoverable	<6.7			1.3	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	1,800						µg/L		
		Nonvolatile beta	4.3E+00			4.0E+00	1	I	pCi/L	GP	0
		pH	5.6						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	780						µg/L		
		Radium, total alpha-emitting	1.6E+00			3.1E+00	1	IV	pCi/L	GP	0
		Selenium, total recoverable	2.7			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	6,600						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	1,400						µg/L		
		Specific conductance	30						µS/cm		
		Sulfate	<1,700			100	1	J	µg/L	GE	0
		2,4,5-T	<7.9E-04						µg/L		
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	2.3			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total activity				3.8E+04	50	UI	pCi/L	EM	0
		Total dissolved solids	13,000						µg/L		
		Total organic carbon	1,200			16,000	1	V	µg/L	GE	2
		Total organic halogens	18			110	1		µg/L	GE	2
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.43						µg/L		
		2,4,5-TP (Silvex)	<7.5E-04						µg/L		
		Tributyl phosphate	<19						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	***4.2E+02***			***9.1E+01***	1	I	pCi/mL	GP	2
●		Turbidity	270			55	2	JV1	NTU	GE	
		Uranium-233/234	*1.3E-01*						pCi/L		
		Uranium-235	*0.0E+00*						pCi/L		
		Uranium-238	*-1.8E-02*						pCi/L		
		Vanadium, total recoverable	<13			1.7	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WELL BGO 28D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N75348.3 E54457.9	33.281276 °N 81.669764 °W	230.1-210.1 ft msl	277.4 ft msl	4" PVC	S	Water Table (IIB2)

SAMPLE DATE: 01/31/95 (1Q95); 10/26/95 (4Q95)

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	226.4			226.4	ft msl
pH	5.5			6.2	pH
Sp. conductance	88			114	µS/cm
Water temperature	17.8			19.3	°C
Alkalinity as $CaCO_3$	4			15	mg/L
Turbidity	154			8	NTU
Volume purged	0.84			0.75	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				13,000	1		µg/L	GE	
		Aluminum, total recoverable	1,900						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			3.3	1	J	µg/L	GE	0
		Barium, total recoverable	31			40	1	V	µg/L	GE	0
		Benzene	<17			<4.0	2		µg/L	GE	0
		Boron, total recoverable				29	1	J	µg/L	GE	0
		Bromodichloromethane	<17			<4.0	2		µg/L	GE	0
		Bromoform	<17			<4.0	2		µg/L	GE	0
		Bromomethane (Methyl bromide)	<17			<4.0	2		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	3,500						µg/L		
		Carbon tetrachloride	<17			<4.0	2		µg/L	GE	0
		Carbon-14				9.3E+01	1	I	pCi/L	GP	0
		Chloride	8,700						µg/L		
		Chlorobenzene	<17			<4.0	2		µg/L	GE	0
		Chloroethane	<17			<4.0	2		µg/L	GE	0
■		Chloroethene (Vinyl chloride)	*45*			*3.9*	2	J	µg/L	GE	2
		2-Chloroethyl vinyl ether	<17			<20	2		µg/L	GE	0
		Chloroform	<17			3.0	2	J	µg/L	GE	0
		Chloromethane (Methyl chloride)	<17			<4.0	2		µg/L	GE	0
		Chromium, total recoverable	<6.7			15	1		µg/L	GE	0
		Copper, total recoverable	15						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<17			<4.0	2		µg/L	GE	0
		1,1-Dichloroethane	18			<4.0	2		µg/L	GE	0
		1,2-Dichloroethane	<17			<4.0	2		µg/L	GE	0
		1,1-Dichloroethylene	<17			<4.0	2		µg/L	GE	0
		trans-1,2-Dichloroethylene	<17			<4.0	2		µg/L	GE	0
		Dichloromethane	<17			<7.3	2	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0026						µg/L		
		1,2-Dichloropropane	<17			<4.0	2		µg/L	GE	0
		cis-1,3-Dichloropropene	<17			<4.0	2		µg/L	GE	0
		trans-1,3-Dichloropropene	<17			<4.0	2		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<17			<4.0	2		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	3.3E+00			5.0E+00	1	I	pCi/L	GP	0
		Iron, total recoverable	720						µg/L		
		Lead, total recoverable	21			30	1		µg/L	GE	1
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	18			<25	1		µg/L	GE	0
		Magnesium, total recoverable	890						µg/L		
		Manganese, total recoverable	73						µg/L		
		Mercury, total recoverable	<0.33			0.079	1	J	µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	11			20	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	690						µg/L		
		Nonvolatile beta	6.8E+00			1.1E+01	1	I	pCi/L	GP	0
		pH	5.3						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	630						µg/L		
		Radium, total alpha-emitting	6.0E-01			1.5E+00	1	IV	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	7,600						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	8,800						µg/L		
		Specific conductance	84						µS/cm		
		Sulfate	5,400			6,800	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<17			<4.0	2		µg/L	GE	0
		Tetrachloroethylene	<17			<4.0	2		µg/L	GE	0
		Tin, total recoverable	6.4			1.7	1	J	µg/L	GE	0
		Toluene	<17			<4.0	2		µg/L	GE	0
		Total activity	2.6E+08			4.4E+07	50	I	pCi/L	EM	
		Total dissolved solids	47,000						µg/L		
●		Total organic carbon	3,600			3,400	1	JV1	µg/L	GE	0
		Total organic halogens	140			170	1		µg/L	GE	2
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.7E-04						µg/L		
		Tributyl phosphate	11						µg/L		
		1,1,1-Trichloroethane	<17			<4.0	2		µg/L	GE	0
		1,1,2-Trichloroethane	<17			<4.0	2		µg/L	GE	0
	■	Trichloroethylene	***200***			***99***	2	J	µg/L	GE	2
		Trichlorofluoromethane	<17			<4.0	2		µg/L	GE	0
	■	Tritium	***2.1E+05***			***4.9E+04***	1	I	pCi/mL	GP	2
●		Turbidity	40			64	2	J1	NTU	GE	
		Uranium-233/234	*1.2E-01*						pCi/L		
		Uranium-235	*0.0E+00*						pCi/L		
		Uranium-238	*0.0E+00*						pCi/L		
		Vanadium, total recoverable	<13			2.0	1	J	µg/L	GE	0
		Xylenes	<33						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGO 29A

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

SAMPLE DATE: 01/31/95 | 10/06/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	159.7			160.0	ft msl
pH	7.6			6.2	pH
Sp. conductance	119			116	µS/cm
Water temperature	17.0			19.1	°C
Alkalinity as $CaCO_3$	51			43	mg/L
Turbidity	9			8	NTU
Volume purged	1.1			0.98	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				54,000	1		µg/L	GE	
		Aluminum, total recoverable	100						µg/L		
		Antimony, total recoverable	<3.3			2.6	1	J	µg/L	GE	0
		Arsenic, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Barium, total recoverable	18			26	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				12	1	J	µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	21,000						µg/L		
		Carbon tetrachloride	<1.7			*4.5E-01*	1	UI	pCi/L	GP	0
		Carbon-14							µg/L		
		Chloride	1,500			<2.0	1		µg/L	GE	0
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<10	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<2.0	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			6.4	1		µg/L	GE	0
		Chromium, total recoverable	<6.7						µg/L		
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3			<2.0	1		µg/L	GE	0
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<1.3	1	JV	µg/L	GE	0
		Dichloromethane	<1.7						µg/L		
		2,4-Dichlorophenoxyacetic acid	<0.0025			<2.0	1		µg/L	GE	0
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7						µg/L		
		Endrin	<0.010			<2.0	1		µg/L	GE	0
		Ethylbenzene	<1.7						µg/L		
		Fluoride	<50			6.9E-01	1	I	pCi/L	GP	0
		Gross alpha	1.7E+00						µg/L		
		Iron, total recoverable	41			6.8	1		µg/L	GE	0
		Lead, total recoverable	<5.0						µg/L		
		Lindane	<0.0083			<25	1		µg/L	GE	0
		Lithium, total recoverable	<8.3						µg/L		
		Magnesium, total recoverable	520						µg/L		
		Manganese, total recoverable	12			<0.20	1		µg/L	GE	0
		Mercury, total recoverable	<0.33						µg/L		
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17			4.7	1	J	µg/L	GE	0
		Nickel, total recoverable	<6.7						µg/L		
		Nitrate-nitrite as nitrogen	790			*8.5E-01*	1	UI	pCi/L	GP	0
		Nonvolatile beta	5.9E+00						pH		
		pH	7.4			<5.0	1		µg/L	GE	0
		Phenols	<8.3						µg/L		
		Potassium, total recoverable	<830			*5.0E-01*	1	UIV	pCi/L	GP	0
		Radium, total alpha-emitting	5.0E-01			3.1	1	J	µg/L	GE	0
		Selenium, total recoverable	<3.3								

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	15,000						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	2,400						µg/L		
		Specific conductance	120						µS/cm		
		Sulfate	<1,700			740	1	J	µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<2.9	1	JV	µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	74,000						µg/L		
		Total organic carbon	1,400			2,100	1	V	µg/L	GE	0
		Total organic halogens	9.8			<10	1		µg/L	GE	0
		Total phosphates (as P)	250						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.5E-04						µg/L		
		Tributyl phosphate	<17						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	2.8			2.7	1		µg/L	GE	1
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
		Tritium	1.2E+01			1.3E+01	1	I	pCi/mL	GP	1
●		Turbidity	13			14	1	JV1	NTU	GE	
		Uranium-233/234	*3.2E-02*						pCi/L		
		Uranium-235	*-5.1E-03*						pCi/L		
		Uranium-238	*4.3E-02*						pCi/L		
		Vanadium, total recoverable	<13			1.2	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
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WELL BGO 29C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N75577.8 E54099.1	33.281198 °N 81.671154 °W	186.8-176.8 ft msl	264.8 ft msl	4" PVC	S	Barnwell (IIB1)

SAMPLE DATE	01/31/95			10/06/95	
FIELD DATA					
Parameter	**1Q95**	**2Q95**	**3Q95**	**4Q95**	**Unit**
Water elevation	222.7			223.3	ft msl
pH	5.5			5.5	pH
Sp. conductance	28			32	µS/cm
Water temperature	17.0			19.5	°C
Alkalinity as $CaCO_3$	2			3	mg/L
Turbidity	2			10	NTU
Volume purged	0.90			0.75	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				9,000	1		µg/L	GE	
		Aluminum, total recoverable	41						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			6.7	1		µg/L	GE	0
		Barium, total recoverable	17			11	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<0.18	1	JV	µg/L	GE	0
		Calcium, total recoverable	2,600						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*1.7E+00*	1	UI	pCi/L	GP	0
		Chloride	1,800						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			0.77	1	J	µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<1.1	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0024						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	1.3E+00			*4.2E-01*	1	UI	pCi/L	GP	0
		Iron, total recoverable	39						µg/L		
		Lead, total recoverable	<5.0			2.0	1	J	µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	620						µg/L		
		Manganese, total recoverable	6.3						µg/L		
		Mercury, total recoverable	<0.33			<0.051	1	JV	µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	1,400						µg/L		
		Nonvolatile beta	*6.8E-01*			1.6E+00	1	I	pCi/L	GP	0
		pH	5.8						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	<830						µg/L		
		Radium, total alpha-emitting	*3.0E-01*			3.0E-01	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	8,300						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	2,000						µg/L		
		Specific conductance	43						µS/cm		
		Sulfate	<1,700			260	1	J	µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total activity	3.1E+05			3.6E+05	1	I	pCi/L	EM	
		Total dissolved solids	27,000						µg/L		
		Total organic carbon	1,100			<990	1	JV	µg/L	GE	0
		Total organic halogens	<8.3			<10	1		µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.2E-04						µg/L		
		Tributyl phosphate	<17						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	***3.4E+02***			***3.8E+02***	1	I	pCi/mL	GP	2
●		Turbidity	1.8			1.8	1	J1	NTU	GE	
		Uranium-233/234	*1.0E-01*						pCi/L		
		Uranium-235	*6.0E-02*						pCi/L		
		Uranium-238	*7.1E-02*						pCi/L		
		Vanadium, total recoverable	<13			0.29	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WELL BGO 29D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N75592.5 E54099.4	33.281231 °N 81.671182 °W	228.5-208.5 ft msl	265.5 ft msl	4" PVC	S	Water Table (IIB2)

SAMPLE DATE	01/31/95			10/06/95	
FIELD DATA					
Parameter	**1Q95**	**2Q95**	**3Q95**	**4Q95**	**Unit**
Water elevation	226.2			226.5	ft msl
pH	5.0			4.8	pH
Sp. conductance	46			62	µS/cm
Water temperature	17.4			19.0	°C
Alkalinity as $CaCO_3$	0			0	mg/L
Turbidity	95			24	NTU
Volume purged	0.78			0.93	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17			<5,000	1		µg/L		
		Alkalinity (as $CaCO_3$)							µg/L	GE	0
		Aluminum, total recoverable	400			1.8	1	J	µg/L	GE	0
		Antimony, total recoverable	<3.3			<2.7	1	JV	µg/L	GE	0
		Arsenic, total recoverable	<3.3			23	1		µg/L	GE	0
		Barium, total recoverable	22			<2.0	1		µg/L	GE	0
		Benzene	<1.7			<50	1		µg/L	GE	0
		Boron, total recoverable				<2.0	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3						µg/L		
		Calcium, total recoverable	2,900			<2.0	1		µg/L	GE	0
		Carbon tetrachloride	<1.7			*-1.3E+00*	1	UI	pCi/L	GP	0
		Carbon-14							µg/L		
		Chloride	2,000			<2.0	1		µg/L	GE	0
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<10	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<2.0	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			4.9	1		µg/L	GE	0
		Chromium, total recoverable	<6.7						µg/L		
		Copper, total recoverable	25						µg/L		
		Cyanide	<8.3			<2.0	1		µg/L	GE	0
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<1.3	1	JV	µg/L	GE	0
		Dichloromethane	1.0						µg/L		
		2,4-Dichlorophenoxyacetic acid	<0.0025			<2.0	1		µg/L	GE	0
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7						µg/L		
		Endrin	<0.010			<2.0	1		µg/L	GE	0
		Ethylbenzene	<1.7						µg/L		
		Fluoride	21			3.0E+00	1	I	pCi/L	GP	0
		Gross alpha	6.1E+00						µg/L		
		Iron, total recoverable	230			3.6	1	J	µg/L	GE	0
		Lead, total recoverable	5.7						µg/L		
		Lindane	<0.0085			<25	1		µg/L	GE	0
		Lithium, total recoverable	<8.3						µg/L		
		Magnesium, total recoverable	890						µg/L		
		Manganese, total recoverable	60			<0.11	1	JV	µg/L	GE	0
		Mercury, total recoverable	<0.33						µg/L		
		Methoxychlor	<0.85						µg/L		
		Naphthalene	<17			8.1	1	J	µg/L	GE	0
		Nickel, total recoverable	6.8						µg/L		
		Nitrate-nitrite as nitrogen	910			2.6E+00	1	I	pCi/L	GP	0
		Nonvolatile beta	4.5E+00						pH		
		pH	5.3			<5.0	1		µg/L	GE	0
		Phenols	<8.3						µg/L		
		Potassium, total recoverable	<830			2.5E+00	1	IV	pCi/L	GP	0
		Radium, total alpha-emitting	1.9E+00			4.2	1	J	µg/L	GE	0
		Selenium, total recoverable	<3.3								

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	8,800						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	2,000						µg/L		
		Specific conductance	45						µS/cm		
		Sulfate	6,000			8,700	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<2.9	1	JV	µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	25,000						µg/L		
		Total organic carbon	<1,700			<1,600	1	V	µg/L	GE	0
		Total organic halogens	34			<10	1		µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.41						µg/L		
		2,4,5-TP (Silvex)	<7.4E-04						µg/L		
		Tributyl phosphate	<17						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
		Tritium	9.7E+00			7.9E+00	1	I	pCi/mL	GP	0
●		Turbidity	97			160	5	JV1	NTU	GE	
		Uranium-233/234	*3.8E-02*						pCi/L		
		Uranium-235	*-9.1E-03*						pCi/L		
		Uranium-238	*1.9E-01*						pCi/L		
		Vanadium, total recoverable	<13			2.1	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGO 30C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N75181.0 E54512.3	33.280995 °N 81.669296 °W	188.4-178.4 ft msl	274.5 ft msl	4" PVC	S	McBean (IIB1)

SAMPLE DATE	02/01/95			10/26/95	
FIELD DATA					
Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	219.4			219.4	ft msl
pH	6.5			6.4	pH
Sp. conductance	51			437	µS/cm
Water temperature	17.3			20.2	°C
Alkalinity as $CaCO_3$	12			14	mg/L
Turbidity	20			5	NTU
Volume purged	0.93			0.82	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				16,000	1		µg/L	GE	
		Aluminum, total recoverable	1,700						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Barium, total recoverable	14			17	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			0.27	1	J	µg/L	GE	0
		Calcium, total recoverable	4,300						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*4.4E+00*	1	UI	pCi/L	GP	0
		Chloride	2,400						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			1.3	1	J	µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			<4.0	1		µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<1.6	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0024						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	75						µg/L		
		Gross alpha	7.9E-01			*1.5E-01*	1	UI	pCi/L	GP	0
		Iron, total recoverable	110						µg/L		
		Lead, total recoverable	*82*			11	1		µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	19			<25	1		µg/L	GE	0
		Magnesium, total recoverable	330						µg/L		
		Manganese, total recoverable	21						µg/L		
		Mercury, total recoverable	<0.33			0.087	1	J	µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			5.0	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	610						µg/L		
		Nonvolatile beta	*7.2E-01*			1.4E+00	1	I	pCi/L	GP	0
		pH	6.2						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	1,500						µg/L		
		Radium, total alpha-emitting	*2.0E-01*			5.0E-01	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	9,100						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	3,900						µg/L		
		Specific conductance	46						µS/cm		
		Sulfate	1,500			1,500	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	2.8			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total activity	3.7E+05			1.2E+06	1	I	pCi/L	EM	
		Total dissolved solids	36,000						µg/L		
		Total organic carbon	<1,700			<470	1	JV	µg/L	GE	0
		Total organic halogens	28			21	1		µg/L	GE	0
		Total phosphates (as P)	170						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.2E-04						µg/L		
		Tributyl phosphate	<17						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
	■	Trichloroethylene	***14***			***13***	1		µg/L	GE	2
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	***4.2E+02***			***1.2E+03***	1	I	pCi/mL	GP	2
●		Turbidity	270			15	1	J1	NTU	GE	
		Uranium-233/234	*1.5E-01*						pCi/L		
		Uranium-235	*4.0E-02*						pCi/L		
		Uranium-238	*1.9E-02*						pCi/L		
		Vanadium, total recoverable	<13			1.9	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
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WELL BGO 30D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N75187.7 E54499.2	33.280988 °N 81.669343 °W	227.8-207.8 ft msl	274.8 ft msl	4" PVC	S	Water Table (IIB2)

SAMPLE DATE	02/01/95			10/26/95	
FIELD DATA					
Parameter	**1Q95**	**2Q95**	**3Q95**	**4Q95**	**Unit**
Water elevation	226.1			225.9	ft msl
pH	6.1			6.5	pH
Sp. conductance	107			105	µS/cm
Water temperature	16.8			20.0	°C
Alkalinity as $CaCO_3$	6			18	mg/L
Turbidity	110			30	NTU
Volume purged	1.0			0.93	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<16						µg/L		
		Alkalinity (as $CaCO_3$)				49,000	1		µg/L	GE	
		Aluminum, total recoverable	1,300						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Barium, total recoverable	54			45	1	V	µg/L	GE	0
		Benzene	1.0			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			0.15	1	J	µg/L	GE	0
		Calcium, total recoverable	6,900						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				3.0E+01	1	I	pCi/L	GP	0
		Chloride	18,000						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	14			1.2	1	J	µg/L	GE	0
		Chloromethane (Methyl chloride)	6.0			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			1.8	1	J	µg/L	GE	0
		Copper, total recoverable	11						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	36			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	6.7			1.3	1	J	µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<1.8	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.026						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
■		Gross alpha	6.1E+00			***2.1E+01***	1	I	pCi/L	GP	2
		Iron, total recoverable	230						µg/L		
		Lead, total recoverable	39			36	1		µg/L	GE	1
		Lindane	<0.0084						µg/L		
		Lithium, total recoverable	16			<25	1		µg/L	GE	0
		Magnesium, total recoverable	1,600						µg/L		
		Manganese, total recoverable	79						µg/L		
		Mercury, total recoverable	0.22			0.14	1	J	µg/L	GE	0
		Methoxychlor	<0.84						µg/L		
		Naphthalene	<16						µg/L		
		Nickel, total recoverable	10			7.5	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	1,700						µg/L		
		Nonvolatile beta	3.2E+00			1.2E+01	1	I	pCi/L	GP	0
		pH	5.1						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	<830						µg/L		
		Radium, total alpha-emitting	5.8E+00			9.0E+00	1	IV	pCi/L	GP	0
		Selenium, total recoverable	<3.3			1.6	1	J	µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	8,700						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	9,500						µg/L		
		Specific conductance	120						µS/cm		
		Sulfate	<1,700			1,400	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	2.2			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total activity	4.0E+07			3.1E+06	50	I	pCi/L	EM	
		Total dissolved solids	67,000						µg/L		
●		Total organic carbon	3,700			<740	1	JV1	µg/L	GE	0
		Total organic halogens	910			1,300	100		µg/L	GE	2
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<0.0077						µg/L		
		Tributyl phosphate	<16						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
	■	Trichloroethylene	***34***			***11***	1		µg/L	GE	2
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	***4.0E+04***			***4.0E+03***	1	I	pCi/mL	GP	2
●		Turbidity	9.6			79	4	J1	NTU	GE	
		Uranium-233/234	*4.7E-02*						pCi/L		
		Uranium-235	*-4.7E-03*						pCi/L		
		Uranium-238	*7.0E-02*						pCi/L		
		Vanadium, total recoverable	<13			3.4	1	J	µg/L	GE	0
		Xylenes	5.1						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGO 31C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N74978.0 E54816.2	33.281042 °N 81.668101 °W	186.4-176.4 ft msl	273.1 ft msl	4" PVC	S	McBean (IIB1)

SAMPLE DATE	02/01/95			10/06/95	
FIELD DATA					
Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	226.0			225.9	ft msl
pH	5.6			5.5	pH
Sp. conductance	26			36	µS/cm
Water temperature	16.6			21.1	°C
Alkalinity as $CaCO_3$	3			4	mg/L
Turbidity	38			15	NTU
Volume purged	0.95			0.74	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<16						µg/L		
		Alkalinity (as $CaCO_3$)				8,500	1		µg/L	GE	
		Aluminum, total recoverable	190						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<3.7	1	JV	µg/L	GE	0
		Barium, total recoverable	8.0			11	1	V	µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				17	1	J	µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	1,700						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				1.0E+01	1	I	pCi/L	GP	0
		Chloride	1,900						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			2.3	1	J	µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.1	1	V	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	2.0E+00			1.7E+00	1	I	pCi/L	GP	0
		Iron, total recoverable	190						µg/L		
		Lead, total recoverable	8.5			<5.0	1		µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	500						µg/L		
		Manganese, total recoverable	12						µg/L		
		Mercury, total recoverable	<0.33			<0.058	1	JV	µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<16						µg/L		
		Nickel, total recoverable	<6.7			1.6	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	1,200						µg/L		
		Nonvolatile beta	*1.1E+00*			3.3E+00	1	I	pCi/L	GP	0
		pH	5.2						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	<830						µg/L		
		Radium, total alpha-emitting	1.0E+00			4.9E+00	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	8,500						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	1,700						µg/L		
		Specific conductance	26						µS/cm		
		Sulfate	<1,700			170	1	J	µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	1.9			1.6	1	J	µg/L	GE	0
		Tin, total recoverable	<3.3			1.3	1	J	µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total activity	1.8E+06			3.0E+06	10	I	pCi/L	EM	
		Total dissolved solids	19,000						µg/L		
		Total organic carbon	<1,700			2,600	1	V	µg/L	GE	0
		Total organic halogens	21,000			12	1		µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.5E-04						µg/L		
		Tributyl phosphate	<16						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	2.8			1.6	1	J	µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	***2.1E+03***			***3.1E+03***	1	I	pCi/mL	GP	2
●		Turbidity	10			10	1	JV1	NTU	GE	
		Uranium-233/234	*3.8E-02*						pCi/L		
		Uranium-235	*-6.5E-03*						pCi/L		
		Uranium-238	*1.1E-01*						pCi/L		
		Vanadium, total recoverable	<13			1.6	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGO 31D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N74985.3 E54841.7	33.281099 °N 81.668048 °W	231.1-211.1 ft msl	273.7 ft msl	4" PVC	S	Water Table (IIB2)

SAMPLE DATE	02/01/95			10/06/95	
FIELD DATA					
Parameter	**1Q95**	**2Q95**	**3Q95**	**4Q95**	**Unit**
Water elevation	227.4			227.0	ft msl
pH	4.9			4.8	pH
Sp. conductance	37			35	µS/cm
Water temperature	14.4			21.7	°C
Alkalinity as $CaCO_3$	0			0	mg/L
Turbidity	22			61	NTU
Volume purged	0.56			0.67	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				6,600	1		µg/L	GE	
		Aluminum, total recoverable	60						µg/L		
		Antimony, total recoverable	<3.3			1.1	1	J	µg/L	GE	0
		Arsenic, total recoverable	<3.3			<2.8	1	JV	µg/L	GE	0
		Barium, total recoverable	5.9			5.5	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			0.12	1	J	µg/L	GE	0
		Calcium, total recoverable	360						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*-4.1E-01*	1	UI	pCi/L	GP	0
		Chloride	3,200						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			2.9	1	J	µg/L	GE	0
		Copper, total recoverable	4.4						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<1.3	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0024						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	2.8E+00			3.3E+00	1	I	pCi/L	GP	0
		Iron, total recoverable	130						µg/L		
		Lead, total recoverable	<5.0			2.6	1	J	µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	1,300						µg/L		
		Manganese, total recoverable	5.6						µg/L		
		Mercury, total recoverable	<0.33			<0.15	1	JV	µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			0.86	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	1,900						µg/L		
		Nonvolatile beta	*1.4E+00*			2.8E+00	1	I	pCi/L	GP	0
		pH	4.7						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	<830						µg/L		
		Radium, total alpha-emitting	1.8E+00			1.6E+00	1	IV	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

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H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	6,800						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	2,700						µg/L		
		Specific conductance	41						µS/cm		
		Sulfate	<1,700			120	1	J	µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<1.2	1	JV	µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	14,000						µg/L		
		Total organic carbon	1,000			16,000	1	V	µg/L	GE	2
		Total organic halogens	25			13	1		µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.3E-04						µg/L		
		Tributyl phosphate	<17						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
		Tritium	1.6E+01			1.7E+01	1	I	pCi/mL	GP	1
●		Turbidity	38			190	5	JV1	NTU	GE	
		Uranium-233/234	*4.6E-02*						pCi/L		
		Uranium-235	*0.0E+00*						pCi/L		
		Uranium-238	*-5.7E-03*						pCi/L		
		Vanadium, total recoverable	<13			2.7	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
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WELL BGO 32D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N74727.0 E55250.2	33.281195 °N 81.666471 °W	234.5-214.5 ft msl	281.7 ft msl	4" PVC	S	Water Table (IIB2)

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
SAMPLE DATE	02/01/95			10/26/95	
Water elevation	228.1			228.0	ft msl
pH	4.8			4.7	pH
Sp. conductance	67			67	µS/cm
Water temperature	17.1			21.0	°C
Alkalinity as $CaCO_3$	0			0	mg/L
Turbidity	21			8	NTU
Volume purged	0.67			0.79	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				<5,000	1		µg/L	GE	0
		Aluminum, total recoverable	840						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<7.2	1	V	µg/L	GE	0
		Barium, total recoverable	60			160	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				19	1	J	µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	810						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				2.6E+01	1	I	pCi/L	GP	0
		Chloride	6,700						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			13	1		µg/L	GE	0
		Copper, total recoverable	180						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<1.5	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	1.2E+01			8.2E+00	1	I	pCi/L	GP	1
		Iron, total recoverable	560						µg/L		
		Lead, total recoverable	37			40	1		µg/L	GE	1
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	1,600						µg/L		
		Manganese, total recoverable	19						µg/L		
		Mercury, total recoverable	<0.33			<0.20	1	J	µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			4.2	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	5,000						µg/L		
		Nonvolatile beta	6.9E+00			6.1E+00	1	I	pCi/L	GP	0
		pH	4.8						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	1,400						µg/L		
		Radium, total alpha-emitting	7.6E+00			6.0E+00	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	7,500						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	6,700						µg/L		
		Specific conductance	73						µS/cm		
		Sulfate	<1,700			<1,000	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	*9.2*			1.8	1	J	µg/L	GE	0
		Tin, total recoverable	4.6			1.7	1	J	µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total activity	5.7E+05			4.5E+04	1	I	pCi/L	EM	
		Total dissolved solids	46,000						µg/L		
		Total organic carbon	<1,700			460	1	J	µg/L	GE	0
		Total organic halogens	32			<10	1		µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.5E-04						µg/L		
		Tributyl phosphate	<17						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	*6.5E+02*			*3.4E+02*	1	I	pCi/mL	GP	2
●		Turbidity	120			110	5	J1	NTU	GE	
		Uranium-233/234	*1.2E-01*						pCi/L		
		Uranium-235	*0.0E+00*						pCi/L		
		Uranium-238	*7.4E-02*						pCi/L		
		Vanadium, total recoverable	<13			16	1		µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WELL BGO 33C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N74479.7 E55681.4	33.281351 °N 81.664855 °W	187.8-177.8 ft msl	279.4 ft msl	4" PVC	S	McBean (IIB1)

SAMPLE DATE 01/31/95 10/26/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	225.7			225.4	ft msl
pH	5.6			5.3	pH
Sp. conductance	54			50	µS/cm
Water temperature	19.4			20.5	°C
Alkalinity as $CaCO_3$	6			5	mg/L
Turbidity	1			1	NTU
Volume purged	4.2			3.6	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				12,000	1		µg/L	GE	
		Aluminum, total recoverable	32						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Barium, total recoverable	11			11	1	V	µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	4,400						µg/L		
		Carbon tetrachloride	1.4			1.4	1	J	µg/L	GE	0
		Carbon-14				1.2E+01	1	I	pCi/L	GP	0
		Chloride	5,500						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	14			13	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	3.5			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			1.2	1	J	µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0026						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.0098						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	*1.1E+00*			*8.1E-01*	1	UI	pCi/L	GP	0
		Iron, total recoverable	6.0						µg/L		
		Lead, total recoverable	<5.0			<5.0	1		µg/L	GE	0
		Lindane	<0.0082						µg/L		
		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	690						µg/L		
		Manganese, total recoverable	34						µg/L		
■		Mercury, total recoverable	***4.0***			*5.4*	1	V	µg/L	GE	2
		Methoxychlor	<0.82						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			0.99	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	1,100						µg/L		
		Nonvolatile beta	*1.5E+00*			2.5E+00	1	I	pCi/L	GP	0
		pH	5.5						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	510						µg/L		
		Radium, total alpha-emitting	*4.0E-01*			*5.0E-01*	1	UIV	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	11,000						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	3,400						µg/L		
		Specific conductance	53						µS/cm		
		Sulfate	<1,700			370	1	J	µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tetrachloroethylene	***5.7***			***5.3***	1		µg/L	GE	2
		Tin, total recoverable	2.3			<1.9	1	JV	µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total activity	9.8E+06			1.2E+07	10	I	pCi/L	EM	
		Total dissolved solids	34,000						µg/L		
●		Total organic carbon	<1,700			1,100	1	JV1	µg/L	GE	0
		Total organic halogens	30			110	1		µg/L	GE	2
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.39						µg/L		
		2,4,5-TP (Silvex)	<7.7E-04						µg/L		
		Tributyl phosphate	<17						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
	■	Trichloroethylene	***29***			***25***	1		µg/L	GE	2
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	***1.0E+04***			***1.2E+04***	1	I	pCi/mL	GP	2
●		Turbidity	<0.17			0.53	1	J1	NTU	GE	
		Uranium-233/234	*7.3E-02*						pCi/L		
		Uranium-235	*0.0E+00*						pCi/L		
		Uranium-238	*0.0E+00*						pCi/L		
		Vanadium, total recoverable	<13			0.46	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGO 33D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N74468.7 E55695.4	33.281350 °N 81.664797 °W	233.1-213.1 ft msl	280.3 ft msl	4" PVC	S	Water Table (IIB2)

SAMPLE DATE	02/01/95			10/06/95	
FIELD DATA					
Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	231.0			231.0	ft msl
pH	5.1			4.8	pH
Sp. conductance	63			65	µS/cm
Water temperature	16.3			21.1	°C
Alkalinity as $CaCO_3$	0			0	mg/L
Turbidity	36			36	NTU
Volume purged	0.68			0.76	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17			<5,000	1		µg/L		
		Alkalinity (as $CaCO_3$)							µg/L	GE	0
		Aluminum, total recoverable	370						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<5.6	1	V	µg/L	GE	0
		Barium, total recoverable	16			15	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	1,300						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*-7.9E-01*	1	UI	pCi/L	GP	0
		Chloride	6,600						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			1.4	1	J	µg/L	GE	0
		Copper, total recoverable	82						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<1.4	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.25						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	2.8E+00			4.6E+00	1	I	pCi/L	GP	0
		Iron, total recoverable	380						µg/L		
		Lead, total recoverable	21			1.3	1	J	µg/L	GE	0
		Lindane	<0.0085						µg/L		
		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	1,500						µg/L		
		Manganese, total recoverable	8.6						µg/L		
		Mercury, total recoverable	<0.33			<0.20	1		µg/L	GE	0
		Methoxychlor	<0.85						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	3,400						µg/L		
		Nonvolatile beta	4.4E+00			3.0E+00	1	I	pCi/L	GP	0
		pH	5.1						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	1,500						µg/L		
		Radium, total alpha-emitting	2.8E+00			1.5E+00	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	5,700						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	5,000						µg/L		
		Specific conductance	60						µS/cm		
		Sulfate	<1,700			<1,000	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	28,000						µg/L		
		Total organic carbon	<1,700			<780	1	JV	µg/L	GE	0
		Total organic halogens	170			13	1		µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.41						µg/L		
		2,4,5-TP (Silvex)	<7.5E-04						µg/L		
		Tributyl phosphate	<17						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	***2.2E+01***			***2.3E+01***	1	I	pCi/mL	GP	2
●		Turbidity	37			180	5	JV1	NTU	GE	
		Uranium-233/234	*-1.3E-02*						pCi/L		
		Uranium-235	*0.0E+00*						pCi/L		
		Uranium-238	*8.6E-02*						pCi/L		
		Vanadium, total recoverable	<13			2.6	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
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WELL BGO 34D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N74228.8 E56082.6	33.281451 °N 81.663311 °W	232.7-212.7 ft msl	274.9 ft msl	4" PVC	S	Water Table (IIB2)

SAMPLE DATE 02/01/95 10/06/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	234.1			233.8	ft msl
pH	6.3			5.7	pH
Sp. conductance	38			30	µS/cm
Water temperature	17.1			21.7	°C
Alkalinity as $CaCO_3$	6			3	mg/L
Turbidity	18			15	NTU
Volume purged	1.0			0.87	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				<5,000	1		µg/L	GE	0
		Aluminum, total recoverable	360						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Barium, total recoverable	26			17	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	5,300						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*7.5E-01*	1	UI	pCi/L	GP	0
		Chloride	2,900						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			1.4	1	J	µg/L	GE	0
		Copper, total recoverable	6.3						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.4	1	V	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	2.1E+00			2.0E+00	1	I	pCi/L	GP	0
		Iron, total recoverable	110						µg/L		
		Lead, total recoverable	7.3			12	1		µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	740						µg/L		
		Manganese, total recoverable	9.4						µg/L		
		Mercury, total recoverable	<0.33			<0.20	1		µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	920						µg/L		
		Nonvolatile beta	2.6E+00			*1.3E+00*	1	UI	pCi/L	GP	0
		pH	6.3						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	<830						µg/L		
		Radium, total alpha-emitting	1.0E+00			1.0E+00	1	IV	pCi/L	GP	0
		Selenium, total recoverable	<3.3			3.1	1	J	µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	7,000						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	1,600						µg/L		
		Specific conductance	30						µS/cm		
		Sulfate	<1,700			<1,000	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	28,000						µg/L		
		Total organic carbon	<1,700			<610	1	JV	µg/L	GE	0
		Total organic halogens	41			6.7	1	J	µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.5E-04						µg/L		
		Tributyl phosphate	<17						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
		Tritium	***2.2E+01***			1.7E+01	1	I	pCi/mL	GP	1
●		Turbidity	5.1			3.6	1	JV1	NTU	GE	
		Uranium-233/234	*1.9E-01*						pCi/L		
		Uranium-235	*-6.7E-03*						pCi/L		
		Uranium-238	*0.0E+00*						pCi/L		
		Vanadium, total recoverable	<13			0.37	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WELL BGO 35C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N73953.9 E56545.7	33.281598 °N 81.661558 °W	171.9-161.9 ft msl	273.4 ft msl	4" PVC	S	McBean (IIB1)

SAMPLE DATE	02/01/95			10/06/95	
FIELD DATA					
Parameter	**1Q95**	**2Q95**	**3Q95**	**4Q95**	**Unit**
Water elevation	229.1			228.8	ft msl
pH	6.3			6.1	pH
Sp. conductance	41			46	µS/cm
Water temperature	19.3			19.8	°C
Alkalinity as $CaCO_3$	10			11	mg/L
Turbidity	1			0	NTU
Volume purged	4.0			3.1	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				13,000	1		µg/L	GE	
		Aluminum, total recoverable	<33						µg/L		
		Antimony, total recoverable	<3.3			1.5	1	J	µg/L	GE	0
		Arsenic, total recoverable	<3.3			<2.7	1	JV	µg/L	WA	0
		Barium, total recoverable	12			17	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<23	1	V	µg/L	WA	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			4.1	1	J	µg/L	WA	1
		Calcium, total recoverable	4,700						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*5.4E-01*	1	UI	pCi/L	GP	0
		Chloride	<420						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			2.4	1	J	µg/L	WA	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethylene				<5.0	1		µg/L	WA	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<1.6	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	*3.0E-01*			9.0E-01	1	I	pCi/L	TM	0
		Iron, total recoverable	<6.7						µg/L		
		Lead, total recoverable	<5.0			6.6	1	J	µg/L	WA	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	<8.3			<3.1	1	V	µg/L	WA	0
		Magnesium, total recoverable	420						µg/L		
		Manganese, total recoverable	7.2						µg/L		
		Mercury, total recoverable	<0.33			<0.15	1	JV	µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			<5.4	1		µg/L	WA	0
		Nitrate-nitrite as nitrogen	1,500						µg/L		
		Nonvolatile beta	*3.6E-02*			*3.1E-01*	1	UI	pCi/L	GP	0
		pH	6.1						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	<830						µg/L		
		Radium, total alpha-emitting	*-3.0E-01*			3.9E-01	1	JI1	pCi/L	TM	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Selenium, total recoverable	<3.3			3.4	1	J	µg/L	WA	0
		Silica, total recoverable	9,500						µg/L		
		Silver, total recoverable	<3.3			<1.4	1		µg/L	WA	0
		Sodium, total recoverable	1,800						µg/L		
		Specific conductance	35						µS/cm		
		Sulfate	<1,700			620	1	J	µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<1.3	1	JV	µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	29,000						µg/L		
		Total organic carbon	<1,700			5,700	1	V	µg/L	GE	1
		Total organic halogens	50			100	1		µg/L	GE	2
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.4E-04						µg/L		
		Tributyl phosphate	<17						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
	■	Trichloroethylene	4.0			***10***	1		µg/L	WA	2
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	***2.2E+01***			***5.6E+01***	1	I	pCi/mL	TM	2
●		Turbidity	<0.17			0.081	1	J	NTU	WA	
		Uranium-233/234	*9.5E-02*						pCi/L		
		Uranium-235	*-5.9E-03*						pCi/L		
		Uranium-238	*4.8E-02*						pCi/L		
		Vanadium, total recoverable	<13			0.61	1	J	µg/L	GE	0
		Xylenes	<3.3			<5.0	1		µg/L	WA	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WELL BGO 35D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N73946.0 E56556.5	33.281599 °N 81.661514 °W	239.4-219.4 ft msl	273.5 ft msl	4" PVC	S	Water Table (IIB2)

SAMPLE DATE	02/01/95			10/06/95	
FIELD DATA					
Parameter	**1Q95**	**2Q95**	**3Q95**	**4Q95**	**Unit**
Water elevation	235.6			235.9	ft msl
pH	4.8			4.6	pH
Sp. conductance	33			37	µS/cm
Water temperature	17.0			21.4	°C
Alkalinity as $CaCO_3$	0			0	mg/L
Turbidity	159			35	NTU
Volume purged	1.0			1.0	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				<5,000	1		µg/L	GE	0
		Aluminum, total recoverable	270						µg/L		
		Antimony, total recoverable	<3.3			3.5	1	J	µg/L	GE	1
		Arsenic, total recoverable	<3.3			<3.8	1	JV	µg/L	GE	0
		Barium, total recoverable	13			27	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			0.16	1	J	µg/L	GE	0
		Calcium, total recoverable	170						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*2.5E-01*	1	UI	pCi/L	GP	0
		Chloride	2,300						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			1.5	1	J	µg/L	GE	0
		Copper, total recoverable	62						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<1.1	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.10						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	8.2E-01			1.2E+00	1	I	pCi/L	GP	0
		Iron, total recoverable	610						µg/L		
		Lead, total recoverable	12			5.1	1		µg/L	GE	0
		Lindane	<0.0084						µg/L		
		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	350						µg/L		
		Manganese, total recoverable	4.5						µg/L		
		Mercury, total recoverable	<0.33			<0.12	1	JV	µg/L	GE	0
		Methoxychlor	<0.84						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			1.2	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	2,300						µg/L		
		Nonvolatile beta	1.6E+00			2.3E+00	1	I	pCi/L	GP	0
		pH	5.2						pH		
		Phenols	<8.3			55	1		µg/L	GE	2
		Potassium, total recoverable	<830						µg/L		
		Radium, total alpha-emitting	8.0E-01			*6.0E-01*	1	UIV	pCi/L	GP	0
		Selenium, total recoverable	<3.3			3.2	1	J	µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	7,600						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	4,600						µg/L		
		Specific conductance	35						µS/cm		
		Sulfate	<1,700			120	1	J	µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<9.5	1	JV	µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	19,000						µg/L		
		Total organic carbon	<1,700			<650	1	JV	µg/L	GE	0
		Total organic halogens	26			5.6	1	J	µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.4E-04						µg/L		
		Tributyl phosphate	<17						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	***4.6E+01***			***4.5E+01***	1	I	pCi/mL	GP	2
●		Turbidity	41			83	3	JV1	NTU	GE	
		Uranium-233/234	*-2.4E-02*						pCi/L		
		Uranium-235	*0.0E+00*						pCi/L		
		Uranium-238	*-2.4E-02*						pCi/L		
		Vanadium, total recoverable	<13			2.7	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WELL BGO 36D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N73743.8 E56888.1	33.281692 °N 81.660248 °W	243.3-223.3 ft msl	275.4 ft msl	4" PVC	S	Water Table (IIB2)

SAMPLE DATE: 02/01/95 (1Q95); 10/06/95 (4Q95)

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	238.4			238.9	ft msl
pH	5.0			5.6	pH
Sp. conductance	26			28	µS/cm
Water temperature	18.2			22.8	°C
Alkalinity as $CaCO_3$	0			3	mg/L
Turbidity	36			21	NTU
Volume purged	1.0			0.78	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				<5,000	1		µg/L	GE	0
		Aluminum, total recoverable	710						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<9.4	1	V	µg/L	GE	0
		Barium, total recoverable	16			19	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	140						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*5.9E-01*	1	UI	pCi/L	GP	0
		Chloride	2,700						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			13	1		µg/L	GE	0
		Copper, total recoverable	53						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<1.4	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0024						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	2.1E+00			*6.8E-01*	1	UI	pCi/L	GP	0
		Iron, total recoverable	270						µg/L		
		Lead, total recoverable	16			32	1		µg/L	GE	1
		Lindane	<0.0086						µg/L		
		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	430						µg/L		
		Manganese, total recoverable	12						µg/L		
		Mercury, total recoverable	<0.33			<0.20	1		µg/L	GE	0
		Methoxychlor	<0.86						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			4.1	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	900						µg/L		
		Nonvolatile beta	*1.1E+00*			*3.7E-01*	1	UI	pCi/L	GP	0
		pH	5.2						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	<830						µg/L		
		Radium, total alpha-emitting	7.0E-01			7.0E-01	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	6,900						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	2,900						µg/L		
		Specific conductance	27						µS/cm		
		Sulfate	<1,700			150	1	J	µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	18,000						µg/L		
		Total organic carbon	<1,700			<650	1	JV	µg/L	GE	0
		Total organic halogens	28			<10	1		µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.41						µg/L		
		2,4,5-TP (Silvex)	<7.1E-04						µg/L		
		Tributyl phosphate	<17						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	***2.7E+01***			***2.7E+01***	1	I	pCi/mL	GP	2
●		Turbidity	21			110	4	JV1	NTU	GE	
		Uranium-233/234	*0.0E+00*						pCi/L		
		Uranium-235	*-1.7E-02*						pCi/L		
		Uranium-238	*6.5E-02*						pCi/L		
		Vanadium, total recoverable	<13			23	1		µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
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WELL BGO 37C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N73498.2 E57279.2	33.281787 °N 81.658741 °W	178.8-168.8 ft msl	286.3 ft msl	4" PVC	S	McBean (IIB1)

SAMPLE DATE	10/08/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation				231.2	ft msl
pH					pH
Sp. conductance					µS/cm
Water temperature					°C
Alkalinity as $CaCO_3$					mg/L
Turbidity					NTU
Volume purged					well volume
Sampling code				P	

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGO 37D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N73490.8 E57292.9	33.281793 °N 81.658691 °W	246.1-226.1 ft msl	287.3 ft msl	4" PVC	S	Water Table (IIB2)

SAMPLE DATE 02/01/95 10/06/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	239.3			240.6	ft msl
pH	5.5			5.9	pH
Sp. conductance	28			30	µS/cm
Water temperature	17.4			22.5	°C
Alkalinity as $CaCO_3$	1			9	mg/L
Turbidity	25			28	NTU
Volume purged	0.93			0.95	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				<5,000	1		µg/L	GE	0
		Aluminum, total recoverable	80						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<4.4	1	JV	µg/L	GE	0
		Barium, total recoverable	11			15	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	350						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*1.8E+00*	1	UI	pCi/L	GP	0
		Chloride	1,200						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			1.9	1	J	µg/L	GE	0
		Copper, total recoverable	9.3						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<1.5	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0024						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	1.0E+00			1.5E+00	1	I	pCi/L	GP	0
		Iron, total recoverable	57						µg/L		
		Lead, total recoverable	5.4			3.6	1	J	µg/L	GE	0
		Lindane	<0.0084						µg/L		
		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	290						µg/L		
		Manganese, total recoverable	12						µg/L		
		Mercury, total recoverable	<0.33			<0.20	1		µg/L	GE	0
		Methoxychlor	<0.84						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	1,700						µg/L		
		Nonvolatile beta	*1.0E+00*			1.8E+00	1	I	pCi/L	GP	0
		pH	6.7						pH		
		Phenols	<8.3			<3.2	1	JV	µg/L	GE	0
		Potassium, total recoverable	<830						µg/L		
		Radium, total alpha-emitting	*2.0E-01*			6.0E-01	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	6,100						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	4,100						µg/L		
		Specific conductance	31						µS/cm		
		Sulfate	<1,700			<1,000	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	18,000						µg/L		
		Total organic carbon	1,000			16,000	1	V	µg/L	GE	2
		Total organic halogens	<8.3			3.4	1	J	µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.3E-04						µg/L		
		Tributyl phosphate	<17						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	***3.1E+01***			***2.9E+01***	1	I	pCi/mL	GP	2
●		Turbidity	100			79	2	JV1	NTU	GE	
		Uranium-233/234	*2.7E-02*						pCi/L		
		Uranium-235	*0.0E+00*						pCi/L		
		Uranium-238	*-3.2E-02*						pCi/L		
		Vanadium, total recoverable	<13			2.4	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGO 38D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N73329.3 E57557.5	33.281868 °N 81.657681 °W	242.3-222.3 ft msl	291.6 ft msl	4" PVC	S	Water Table (IIB2)

SAMPLE DATE 02/01/95 10/06/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	236.3			237.0	ft msl
pH	4.5			4.5	pH
Sp. conductance	35			48	µS/cm
Water temperature	18.2			21.3	°C
Alkalinity as $CaCO_3$	0			0	mg/L
Turbidity	31			35	NTU
Volume purged	0.87			1.0	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				<5,000	1		µg/L	GE	0
		Aluminum, total recoverable	270						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			5.9	1		µg/L	GE	0
		Barium, total recoverable	14			17	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	160						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*-3.6E-01*	1	UI	pCi/L	GP	0
		Chloride	1,200						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			1.3	1	J	µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<1.4	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0024						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	2.0E+00			4.4E+00	1	I	pCi/L	GP	0
		Iron, total recoverable	58						µg/L		
		Lead, total recoverable	<5.0			<5.0	1		µg/L	GE	0
		Lindane	<0.0084						µg/L		
		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	710						µg/L		
		Manganese, total recoverable	9.5			7.8	1		µg/L	GE	0
		Mercury, total recoverable	<0.33			<0.20	1		µg/L	GE	0
		Methoxychlor	<0.84						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	2,000						µg/L		
		Nonvolatile beta	1.8E+00			3.5E+00	1	I	pCi/L	GP	0
		pH	5.8						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	<830						µg/L		
		Radium, total alpha-emitting	1.4E+00			1.3E+00	1	IV	pCi/L	GP	0
		Selenium, total recoverable	<3.3			2.6	1	J	µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

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H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	5,700						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	1,300						µg/L		
		Specific conductance	49						µS/cm		
		Sulfate	<1,700			130	1	J	µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	13,000						µg/L		
		Total organic carbon	<1,700			<400	1	JV	µg/L	GE	0
		Total organic halogens	54			<10	1		µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.3E-04						µg/L		
		Tributyl phosphate	<17						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	***2.8E+01***			***2.8E+01***	1	I	pCi/mL	GP	2
●		Turbidity	460			320	10	JV1	NTU	GE	
		Uranium-233/234	*1.1E-01*						pCi/L		
		Uranium-235	*-5.1E-03*						pCi/L		
		Uranium-238	*2.9E-02*						pCi/L		
		Vanadium, total recoverable	<13			1.4	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WELL BGO 39A

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N73573.2 E57821.9	33.282839 °N 81.657458 °W	94.8-84.8 ft msl	295.9 ft msl	2" PVC	V	U. Congaree (IIA)

SAMPLE DATE: 02/13/95 (1Q95); 10/06/95 (4Q95)

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	167.1			167.4	ft msl
pH	8.8			8.8	pH
Sp. conductance	305			274	µS/cm
Water temperature	21.4			21.5	°C
Alkalinity as $CaCO_3$	104			115	mg/L
Turbidity	24			7	NTU
Volume purged	4.3			3.6	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				110,000	1		µg/L	GE	
		Aluminum, total recoverable	250			<120	1	V	µg/L	GE	0
		Antimony, total recoverable	6.7			2.0	1	J	µg/L	GE	0
		Arsenic, total recoverable	7.4			<6.4	1	V	µg/L	GE	0
		Barium, total recoverable	50			53	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable	<50			18	1	J	µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			0.31	1	J	µg/L	GE	0
		Calcium, total recoverable	19,000			22,000	1	V	µg/L	GE	
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*-1.8E+00*	1	UI	pCi/L	GP	0
		Chloride	3,200			2,700	1		µg/L	GE	0
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			1.1	1	J	µg/L	GE	0
		Copper, total recoverable	5.0						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<1.3	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	310			180	1		µg/L	GE	0
		Gross alpha	2.5E+00			8.8E-01	1	I	pCi/L	GP	0
		Iron, total recoverable	240			110	1		µg/L	GE	0
		Lead, total recoverable	<5.0			<5.0	1		µg/L	GE	0
		Lindane	<0.0085						µg/L		
		Lithium, total recoverable	45			56	1		µg/L	GE	2
		Magnesium, total recoverable	730			780	1		µg/L	GE	
		Manganese, total recoverable	16			28	1		µg/L	GE	1
		Mercury, total recoverable	<0.33			<0.020	1	JV	µg/L	GE	0
		Methoxychlor	<0.85						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			0.92	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	<83			1,000	1	V	µg/L	GE	0
		Nonvolatile beta	6.2E+00			7.6E+00	1	I	pCi/L	GP	0
●		pH	8.5			8.3	1	J1	pH	GE	1
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	5,900			7,100	1		µg/L	GE	
		Radium, total alpha-emitting	9.0E-01			*5.0E-01*	1	UIV	pCi/L	GP	0
		Selenium, total recoverable	4.1			4.3	1	J	µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	38,000			40,000	1	V	µg/L	GE	
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	45,000			29,000	1	V	µg/L	GE	
		Specific conductance	300			280	1		µS/cm	GE	1
		Sulfate	34,000			19,000	5		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	5.7			<3.6	1	JV	µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total activity	-2.1E+03						pCi/L		
		Total dissolved solids	230,000			190,000	1		µg/L	GE	
		Total organic carbon	1,700			<1,800	1	V	µg/L	GE	0
		Total organic halogens	<8.3			<10	1		µg/L	GE	0
		Total phosphates (as P)	570			320	1		µg/L	GE	
		Toxaphene	<0.41						µg/L		
		2,4,5-TP (Silvex)	<7.5E-04						µg/L		
		Tributyl phosphate	<17						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
		Tritium	*-1.2E-01*			*3.9E-02*	1	UI	pCi/mL	GP	0
●		Turbidity	19			7.4	1	JV1	NTU	GE	
		Uranium-233/234	1.2E+00						pCi/L		
		Uranium-235	*-2.4E-02*						pCi/L		
		Uranium-238	*6.7E-01*						pCi/L		
		Vanadium, total recoverable	<13			1.5	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGO 39C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N73563.3 E57816.1	33.282807 °N 81.657454 °W	184.9-174.9 ft msl	296.4 ft msl	2" PVC	V	Barnwell (IIB1)

SAMPLE DATE: 02/13/95 (1Q95); 10/06/95 (4Q95)

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	231.6			231.2	ft msl
pH	7.4			6.8	pH
Sp. conductance	115			83	µS/cm
Water temperature	20.2			21.0	°C
Alkalinity as $CaCO_3$	43			27	mg/L
Turbidity	28			4	NTU
Volume purged	6.7			5.1	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				130,000	1		µg/L	GE	
		Aluminum, total recoverable	260			160	1	V	µg/L	GE	2
		Antimony, total recoverable	3.0			1.6	1	J	µg/L	GE	0
		Arsenic, total recoverable	<3.3			<3.6	1	JV	µg/L	GE	0
		Barium, total recoverable	21			13	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable	<50			<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			0.11	1	J	µg/L	GE	0
		Calcium, total recoverable	8,300			6,000	1	V	µg/L	GE	
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*-6.1E-01*	1	UI	pCi/L	GP	0
		Chloride	1,600			1,600	1		µg/L	GE	0
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			1.2	1	J	µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<1.3	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50			1,100	1		µg/L	GE	0
		Gross alpha	1.5E+00			*6.3E-01*	1	UI	pCi/L	GP	0
		Iron, total recoverable	140			84	1		µg/L	GE	0
		Lead, total recoverable	<5.0			<5.0	1		µg/L	GE	0
		Lindane	<0.0085						µg/L		
		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	210			160	1		µg/L	GE	
		Manganese, total recoverable	15			8.0	1		µg/L	GE	0
		Mercury, total recoverable	<0.33			<0.11	1	JV	µg/L	GE	0
		Methoxychlor	<0.85						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			1.2	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	1,400			1,400	1	V	µg/L	GE	0
		Nonvolatile beta	*7.1E-01*			*1.2E+00*	1	UI	pCi/L	GP	0
●		pH	7.6			6.4	1	J1	pH	GE	0
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	<830			240	1	J	µg/L	GE	
		Radium, total alpha-emitting	*4.0E-01*			*3.0E-01*	1	UIV	pCi/L	GP	0
		Selenium, total recoverable	2.6			3.7	1	J	µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	7,900			7,200	1	V	µg/L	GE	
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	19,000			9,600	1	V	µg/L	GE	
		Specific conductance	130			81	1		µS/cm	GE	0
		Sulfate	6,300			12,000	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<2.3	1	JV	µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total activity	2.1E+04						pCi/L		
		Total dissolved solids	83,000			54,000	1		µg/L	GE	
		Total organic carbon	<1,700			16,000	1	V	µg/L	GE	2
		Total organic halogens	<8.3			<10	1		µg/L	GE	0
		Total phosphates (as P)	54			<50	1		µg/L	GE	0
		Toxaphene	<0.41						µg/L		
		2,4,5-TP (Silvex)	<7.5E-04						µg/L		
		Tributyl phosphate	<17						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
		Tritium	5.5E+00			5.6E+00	1	I	pCi/mL	GP	0
●		Turbidity	22			3.6	1	JV1	NTU	GE	
		Uranium-233/234	*5.8E-01*						pCi/L		
		Uranium-235	*0.0E+00*						pCi/L		
		Uranium-238	*2.2E-01*						pCi/L		
		Vanadium, total recoverable	<13			1.1	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WELL BGO 39D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N73583.5 E57831.0	33.282876 °N 81.657454 °W	244.7-224.7 ft msl	295.7 ft msl	4" PVC	S	Water Table (IIB2)

SAMPLE DATE 02/01/95 10/06/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	235.6			236.5	ft msl
pH	4.7			4.8	pH
Sp. conductance	33			36	µS/cm
Water temperature	18.6			26.8	°C
Alkalinity as $CaCO_3$	0			1	mg/L
Turbidity	18			13	NTU
Volume purged	1.1			0.52	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				<5,000	1		µg/L	GE	0
		Aluminum, total recoverable	120						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<4.1	1	JV	µg/L	GE	0
		Barium, total recoverable	6.2			6.0	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	150						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*4.8E+00*	1	UI	pCi/L	GP	0
		Chloride	2,300						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			1.2	1	J	µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0024						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	4.0E+00			1.9E+00	1	I	pCi/L	GP	0
		Iron, total recoverable	60						µg/L		
		Lead, total recoverable	<5.0			<5.0	1		µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	110						µg/L		
		Manganese, total recoverable	2.2						µg/L		
		Mercury, total recoverable	<0.33			<0.20	1		µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			1.2	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	1,600						µg/L		
		Nonvolatile beta	1.9E+00			1.7E+00	1	I	pCi/L	GP	0
		pH	4.7						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	<830						µg/L		
		Radium, total alpha-emitting	1.4E+00			1.1E+00	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<2.3	1	JV	µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	6,300						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	3,800						µg/L		
		Specific conductance	29						µS/cm		
		Sulfate	<1,700			380	1	J	µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	13,000						µg/L		
		Total organic carbon	<1,700			<670	1	JV	µg/L	GE	0
		Total organic halogens	41			<10	1		µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.3E-04						µg/L		
		Tributyl phosphate	<17						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	***2.9E+01***			***6.4E+01***	1	I	pCi/mL	GP	2
●		Turbidity	140			21	1	JV1	NTU	GE	
		Uranium-233/234	*1.1E-01*						pCi/L		
		Uranium-235	*3.3E-03*						pCi/L		
		Uranium-238	*6.1E-02*						pCi/L		
		Vanadium, total recoverable	<13			0.95	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WELL BGO 40D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N76125.8 E54638.6	33.283290 °N 81.670799 °W	226.5-216.6 ft msl	288.4 ft msl	4" PVC	S	Water Table (IIB2)

SAMPLE DATE 01/31/95 10/05/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	221.8			222.8	ft msl
pH	7.3			5.0	pH
Sp. conductance	238			261	µS/cm
Water temperature	16.1			23.1	°C
Alkalinity as $CaCO_3$	102			75	mg/L
Turbidity	13			14	NTU
Volume purged	0.29			0.74	well volume
Sampling code	IX			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<18						µg/L		
		Alkalinity (as $CaCO_3$)				130,000	1		µg/L	GE	
		Aluminum, total recoverable	200						µg/L		
		Antimony, total recoverable	*6.4*			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	3.5			<4.0	1	JV	µg/L	GE	0
		Barium, total recoverable	72			76	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				12	1	J	µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	9,100						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*6.0E-01*	1	UI	pCi/L	GP	0
		Chloride	2,200						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			4.0	1		µg/L	GE	0
		Copper, total recoverable	8.5						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0026						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.011						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	3.8E+00			1.3E+00	1	I	pCi/L	GP	0
		Iron, total recoverable	200						µg/L		
		Lead, total recoverable	16			33	1		µg/L	GE	1
		Lindane	<0.0089						µg/L		
		Lithium, total recoverable	470			550	1		µg/L	GE	2
		Magnesium, total recoverable	2,000						µg/L		
		Manganese, total recoverable	25						µg/L		
		Mercury, total recoverable	<0.33			<0.070	1	JV	µg/L	GE	0
		Methoxychlor	<0.89						µg/L		
		Naphthalene	<18						µg/L		
		Nickel, total recoverable	<6.7			4.6	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	1,300						µg/L		
		Nonvolatile beta	1.3E+01			1.7E+01	1	I	pCi/L	GP	0
		pH	6.9						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	23,000						µg/L		
		Radium, total alpha-emitting	6.9E+00			2.2E+00	1	IV	pCi/L	GP	0
		Selenium, total recoverable	5.4			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	6,200						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	30,000						µg/L		
		Specific conductance	270						µS/cm		
		Sulfate	2,400			14,000	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	44			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	150,000						µg/L		
		Total organic carbon	<1,700			2,300	1	V	µg/L	GE	0
		Total organic halogens	59			<10	1		µg/L	GE	0
		Total phosphates (as P)	160						µg/L		
		Toxaphene	<0.43						µg/L		
		2,4,5-TP (Silvex)	<7.7E-04						µg/L		
		Tributyl phosphate	<18						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	1.8			2.1	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
		Tritium	7.8E+00			7.7E+00	1	I	pCi/mL	GP	0
●		Turbidity	170			77	1	J1	NTU	GE	
		Uranium-233/234	*7.5E-02*						pCi/L		
		Uranium-235	*0.0E+00*						pCi/L		
		Uranium-238	*1.1E-01*						pCi/L		
		Vanadium, total recoverable	<13			0.59	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGO 41A

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N76469.5 E55403.7	33.285299 °N 81.669452 °W	113.3-103.3 ft msl	300.3 ft msl	4" PVC	S	U. Congaree (IIA)

SAMPLE DATE 10/05/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation				158.5	ft msl
pH				10.7	pH
Sp. conductance				387	µS/cm
Water temperature				21.2	°C
Alkalinity as $CaCO_3$				933	mg/L
Turbidity				2	NTU
Volume purged				0.55	well volume
Sampling code				X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Alkalinity (as $CaCO_3$)				480,000	1		µg/L	GE	
		Antimony, total recoverable				1.9	1	J	µg/L	GE	0
		Arsenic, total recoverable				<4.8	1	JV	µg/L	GE	0
		Barium, total recoverable				530	1		µg/L	GE	0
		Benzene				<2.0	1	J1	µg/L	GE	0
		Boron, total recoverable				17	1	J	µg/L	GE	0
		Bromodichloromethane				<2.0	1	J1	µg/L	GE	0
		Bromoform				<2.0	1	J1	µg/L	GE	0
		Bromomethane (Methyl bromide)				<2.0	1	J1	µg/L	GE	0
		Cadmium, total recoverable				<2.0	1		µg/L	GE	0
		Carbon tetrachloride				<2.0	1	J1	µg/L	GE	0
		Carbon-14				*3.8E+00*	1	UI	pCi/L	GP	0
		Chlorobenzene				<2.0	1	J1	µg/L	GE	0
		Chloroethane				<2.0	1	J1	µg/L	GE	0
		Chloroethene (Vinyl chloride)				<2.0	1	J1	µg/L	GE	0
		2-Chloroethyl vinyl ether				<10	1	J1	µg/L	GE	0
		Chloroform				<2.0	1	J1	µg/L	GE	0
		Chloromethane (Methyl chloride)				<2.0	1	J1	µg/L	GE	0
		Chromium, total recoverable				13	1		µg/L	GE	0
		Dibromochloromethane				<2.0	1	J1	µg/L	GE	0
		1,1-Dichloroethane				<2.0	1	J1	µg/L	GE	0
		1,2-Dichloroethane				<2.0	1	J1	µg/L	GE	0
		1,1-Dichloroethylene				<2.0	1	J1	µg/L	GE	0
		trans-1,2-Dichloroethylene				<2.0	1	J1	µg/L	GE	0
		Dichloromethane				<2.0	1	JV1	µg/L	GE	0
		1,2-Dichloropropane				<2.0	1	J1	µg/L	GE	0
		cis-1,3-Dichloropropene				<2.0	1	J1	µg/L	GE	0
		trans-1,3-Dichloropropene				<2.0	1	J1	µg/L	GE	0
		Ethylbenzene				<2.0	1	J1	µg/L	GE	0
		Gross alpha				1.4E+00	1	I	pCi/L	GP	0
		Lead, total recoverable				8.4	1		µg/L	GE	0
		Lithium, total recoverable				170	1		µg/L	GE	2
		Mercury, total recoverable				<0.058	1	JV	µg/L	GE	0
		Nickel, total recoverable				1.1	1	J	µg/L	GE	0
		Nonvolatile beta				3.8E+00	1	I	pCi/L	GP	0
		Phenols				<5.0	1		µg/L	GE	0
		Radium, total alpha-emitting				3.6E+00	1	IV	pCi/L	GP	0
		Selenium, total recoverable				<5.0	1		µg/L	GE	0
		Silver, total recoverable				<2.0	1		µg/L	GE	0
		Sulfate				7,100	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane				<2.0	1	J1	µg/L	GE	0
		Tetrachloroethylene				<2.0	1	J1	µg/L	GE	0
		Tin, total recoverable				<50	1		µg/L	GE	0
		Toluene				<2.0	1	J1	µg/L	GE	0
		Total organic carbon				2,600	1	V	µg/L	GE	0
		Total organic halogens				<10	1		µg/L	GE	0
		1,1,1-Trichloroethane				<2.0	1	J1	µg/L	GE	0
		1,1,2-Trichloroethane				<2.0	1	J1	µg/L	GE	0
	■	Trichloroethylene				***8.0***	1	J1	µg/L	GE	2
		Trichlorofluoromethane				<2.0	1	J1	µg/L	GE	0
		Tritium				1.3E+00	1	I	pCi/mL	GP	0
●		Turbidity				0.82	1	J1	NTU	GE	
		Vanadium, total recoverable				5.1	1	J	µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGO 42C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N76404.7 E55522.3	33.285349 °N 81.669014 °W	195.9-185.9 ft msl	297.9 ft msl	4" PVC	S	Barnwell (IIB1)

SAMPLE DATE: 01/31/95 (1Q95); 10/26/95 (4Q95)

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	222.8			223.4	ft msl
pH	6.5			5.8	pH
Sp. conductance	69			44	µS/cm
Water temperature	18.5			18.6	°C
Alkalinity as $CaCO_3$	21			89	mg/L
Turbidity	17			2	NTU
Volume purged	0.70			0.65	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				<5,000	1		µg/L	GE	0
		Aluminum, total recoverable	50						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Barium, total recoverable	14			18	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				58	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<0.10	1	JV	µg/L	GE	0
		Calcium, total recoverable	1,300						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*-1.2E+00*	1	UI	pCi/L	GP	0
		Chloride	2,300						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			1.8	1	J	µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<1.3	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	28						µg/L		
		Gross alpha	*9.8E-01*			*5.3E-01*	1	UI	pCi/L	GP	0
		Iron, total recoverable	400						µg/L		
		Lead, total recoverable	15			58	1	V	µg/L	GE	2
		Lindane	<0.0084						µg/L		
		Lithium, total recoverable	16			<40	1	V	µg/L	GE	0
		Magnesium, total recoverable	510						µg/L		
		Manganese, total recoverable	9.9						µg/L		
		Mercury, total recoverable	<0.33			<0.086	1	JV	µg/L	GE	0
		Methoxychlor	<0.84						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			2.2	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	1,200						µg/L		
		Nonvolatile beta	*8.5E-01*			*1.0E+00*	1	UI	pCi/L	GP	0
		pH	5.9						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	890						µg/L		
		Radium, total alpha-emitting	*2.0E-01*			3.0E-01	1	I	pCi/L	GP	0
		Selenium, total recoverable	2.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	11,000						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	4,400						µg/L		
		Specific conductance	41						µS/cm		
		Sulfate	<1,700			500	1	J	µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	25,000						µg/L		
		Total organic carbon	2,200			580	1	J	µg/L	GE	0
		Total organic halogens	34			7.7	1	J	µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.5E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
	■	Trichloroethylene	*23*			*12*	1		µg/L	GE	2
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
		Tritium	7.9E+00			5.6E+00	1	I	pCi/mL	GP	0
		Turbidity	3.1			2.4	1		NTU	GE	
		Uranium-233/234	*4.0E-02*						pCi/L		
		Uranium-235	*-4.8E-03*						pCi/L		
		Uranium-238	*3.5E-02*						pCi/L		
		Vanadium, total recoverable	<13			1.1	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WELL BGO 43A

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N77061.4 E56253.4	33.287994 °N 81.668364 °W	115.9-105.9 ft msl	314.9 ft msl	4" PVC	S	U. Congaree (IIA)

SAMPLE DATE 10/05/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation				158.9	ft msl
pH				10.9	pH
Sp. conductance				2890	µS/cm
Water temperature				20.3	°C
Alkalinity as $CaCO_3$				738	mg/L
Turbidity				2	NTU
Volume purged				0.52	well volume
Sampling code				X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Alkalinity (as $CaCO_3$)				360,000	1		µg/L	GE	
		Antimony, total recoverable				<5.0	1		µg/L	GE	0
		Arsenic, total recoverable				<6.3	1	V	µg/L	GE	0
		Barium, total recoverable				270	1		µg/L	GE	0
		Benzene				<2.0	1	J1	µg/L	GE	0
		Boron, total recoverable				19	1	J	µg/L	GE	0
		Bromodichloromethane				<2.0	1	J1	µg/L	GE	0
		Bromoform				<2.0	1	J1	µg/L	GE	0
		Bromomethane (Methyl bromide)				<2.0	1	J1	µg/L	GE	0
		Cadmium, total recoverable				<2.0	1		µg/L	GE	0
		Carbon tetrachloride				<2.0	1	J1	µg/L	GE	0
		Carbon-14				*2.2E+00*	1	UI	pCi/L	GP	0
		Chlorobenzene				<2.0	1	J1	µg/L	GE	0
		Chloroethane				<2.0	1	J1	µg/L	GE	0
		Chloroethene (Vinyl chloride)				<2.0	1	J1	µg/L	GE	0
		2-Chloroethyl vinyl ether				<10	1	J1	µg/L	GE	0
		Chloroform				<2.0	1	J1	µg/L	GE	0
		Chloromethane (Methyl chloride)				<2.0	1	J1	µg/L	GE	0
		Chromium, total recoverable				16	1		µg/L	GE	0
		Dibromochloromethane				<2.0	1	J1	µg/L	GE	0
		1,1-Dichloroethane				<2.0	1	J1	µg/L	GE	0
		1,2-Dichloroethane				<2.0	1	J1	µg/L	GE	0
		1,1-Dichloroethylene				<2.0	1	J1	µg/L	GE	0
		trans-1,2-Dichloroethylene				<2.0	1	J1	µg/L	GE	0
		Dichloromethane				<2.0	1	JV1	µg/L	GE	0
		1,2-Dichloropropane				<2.0	1	J1	µg/L	GE	0
		cis-1,3-Dichloropropene				<2.0	1	J1	µg/L	GE	0
		trans-1,3-Dichloropropene				<2.0	1	J1	µg/L	GE	0
		Ethylbenzene				<2.0	1	J1	µg/L	GE	0
		Gross alpha				*9.4E-01*	1	UI	pCi/L	GP	0
		Lead, total recoverable				8.4	1		µg/L	GE	0
		Lithium, total recoverable				380	1		µg/L	GE	2
		Manganese, total recoverable				0.21	1	J	µg/L	GE	0
		Mercury, total recoverable				<0.042	1	JV	µg/L	GE	0
		Nickel, total recoverable				9.5	1	J	µg/L	GE	0
		Nonvolatile beta				1.2E+01	1	I	pCi/L	GP	0
		Phenols				<5.0	1		µg/L	GE	0
		Radium, total alpha-emitting				1.8E+00	1	IV	pCi/L	GP	0
		Selenium, total recoverable				<3.2	1	JV	µg/L	GE	0
		Silver, total recoverable				<2.0	1		µg/L	GE	0
		Sulfate				9,900	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane				<2.0	1	J1	µg/L	GE	0
		Tetrachloroethylene				<2.0	1	J1	µg/L	GE	0
		Tin, total recoverable				<50	1		µg/L	GE	0
		Toluene				<2.0	1	J1	µg/L	GE	0
		Total organic carbon				4,400	1	V	µg/L	GE	0
		Total organic halogens				<10	1		µg/L	GE	0
		1,1,1-Trichloroethane				<2.0	1	J1	µg/L	GE	0
		1,1,2-Trichloroethane				<2.0	1	J1	µg/L	GE	0
		Trichloroethylene				<2.0	1	J1	µg/L	GE	0
		Trichlorofluoromethane				<2.0	1	J1	µg/L	GE	0
		Tritium				2.1E+00	1	I	pCi/mL	GP	0
●		Turbidity				0.88	1	J1	NTU	GE	
		Vanadium, total recoverable				15	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WELL BGO 43AA

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N77066.0 E56268.6	33.288029 °N 81.668333 °W	72.2-62.2 ft msl	314.3 ft msl	4" PVC	S	L. Congaree (IIA)

SAMPLE DATE: 01/26/95 (4Q95: 10/11/95)

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	156.4			156.6	ft msl
pH	9.4			10.9	pH
Sp. conductance	189			312	µS/cm
Water temperature	19.4			20.0	°C
Alkalinity as $CaCO_3$	82			91	mg/L
Turbidity	1			1	NTU
Volume purged	2.9			3.1	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<16						µg/L		
		Alkalinity (as $CaCO_3$)				92,000	1		µg/L	GE	
		Aluminum, total recoverable	56						µg/L		
		Antimony, total recoverable	2.8			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	2.5			<5.0	1		µg/L	GE	0
		Barium, total recoverable	59			99	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	34,000						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*5.4E+00*	1	UI	pCi/L	GP	0
		Chloride	2,700						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<1.9	1	JV	µg/L	GE	0
		Chromium, total recoverable	<6.7			4.1	1		µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.0098						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	40						µg/L		
		Gross alpha	3.2E+00			1.2E+00	1	I	pCi/L	GP	0
		Iron, total recoverable	<6.7						µg/L		
		Lead, total recoverable	<5.0			3.3	1	J	µg/L	GE	0
		Lindane	<0.0082						µg/L		
		Lithium, total recoverable	40			97	1		µg/L	GE	2
		Magnesium, total recoverable	630						µg/L		
		Manganese, total recoverable	<3.3						µg/L		
		Mercury, total recoverable	<0.33			<0.19	1	JV	µg/L	GE	0
		Methoxychlor	<0.82						µg/L		
		Naphthalene	<16						µg/L		
		Nickel, total recoverable	<6.7			<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	<83						µg/L		
		Nonvolatile beta	3.4E+00			7.7E+00	1	I	pCi/L	GP	0
		pH	8.9						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	3,900						µg/L		
		Radium, total alpha-emitting	*0.0E+00*			7.0E-01	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	28,000						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	3,700						µg/L		
		Specific conductance	160						µS/cm		
		Sulfate	7,200			6,500	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	11			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	120,000						µg/L		
		Total organic carbon	<1,700			16,000	1	V	µg/L	GE	2
		Total organic halogens	6.4			5.7	1	J	µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.39						µg/L		
		2,4,5-TP (Silvex)	<7.5E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
		Tritium	*3.6E-01*			*-1.8E-03*	1	UI	pCi/mL	GP	0
		Turbidity	0.21			<1.0	1	V	NTU	GE	0
		Uranium-233/234	*2.8E-01*						pCi/L		
		Uranium-235	*4.6E-02*						pCi/L		
		Uranium-238	*2.2E-01*						pCi/L		
		Vanadium, total recoverable	<13			<1.4	1	JV	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGO 43CR

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N77035.2 E56237.2	33.287910 °N 81.668356 °W	188.4-178.4 ft msl	315.3 ft msl	4" PVC	S	Barnwell (IIB1)

SAMPLE DATE 01/27/95 10/05/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	224.3			225.9	ft msl
pH	10.5			9.6	pH
Sp. conductance	127			135	µS/cm
Water temperature	16.9			20.1	°C
Alkalinity as $CaCO_3$	29			32	mg/L
Turbidity	41			10	NTU
Volume purged	0.66			0.64	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<16						µg/L		
		Alkalinity (as $CaCO_3$)				44,000	1		µg/L	GE	
		Aluminum, total recoverable	220						µg/L		
		Antimony, total recoverable	<3.3			1.1	1	J	µg/L	GE	0
		Arsenic, total recoverable	<3.3			<3.4	1	JV	µg/L	GE	0
		Barium, total recoverable	43			35	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				140	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	43,000						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*3.0E+00*	1	UI	pCi/L	GP	0
		Chloride	2,700						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			<4.0	1		µg/L	GE	0
		Copper, total recoverable	4.9						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	*1.5E+01*			9.0E+00	1	I	pCi/L	GP	1
		Iron, total recoverable	450						µg/L		
		Lead, total recoverable	10			<5.0	1		µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	21			<25	1		µg/L	GE	0
		Magnesium, total recoverable	2,100						µg/L		
		Manganese, total recoverable	27						µg/L		
		Mercury, total recoverable	<0.33			<0.016	1	JV	µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<16						µg/L		
		Nickel, total recoverable	<6.7			<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	180						µg/L		
		Nonvolatile beta	1.0E+01			9.3E+00	1	I	pCi/L	GP	0
		pH	7.2						pH		
		Phenols	<8.3			<10	1		µg/L	GE	0
		Potassium, total recoverable	3,200						µg/L		
		Radium, total alpha-emitting	1.1E+01			9.1E+00	1	IV	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<2.1	1	JV	µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	9,600						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	4,500						µg/L		
		Specific conductance	130						µS/cm		
		Sulfate	14,000			14,000	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	4.4			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	81,000						µg/L		
		Total organic carbon	1,700			2,100	1	V	µg/L	GE	0
		Total organic halogens	<8.3			4.2	1	J	µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<8.0E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
		Tritium	4.2E+00			4.2E+00	1	I	pCi/mL	GP	0
●		Turbidity	2.6			4.5	1	J1	NTU	GE	
		Uranium-233/234	*1.2E-01*						pCi/L		
		Uranium-235	*6.6E-02*						pCi/L		
		Uranium-238	*1.6E-01*						pCi/L		
		Vanadium, total recoverable	<13			<10	1		µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WELL BGO 43D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N77056.7 E56238.8	33.287960 °N 81.668394 °W	208.2-198.2 ft msl	315.3 ft msl	4" PVC	S	Barnwell (IIB1)

SAMPLE DATE 01/26/95 10/11/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	230.5			231.7	ft msl
pH	6.4			5.4	pH
Sp. conductance	69			57	µS/cm
Water temperature	19.0			19.5	°C
Alkalinity as $CaCO_3$	10			3	mg/L
Turbidity	0			1	NTU
Volume purged	2.8			5.1	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				7,600	1		µg/L	GE	
		Aluminum, total recoverable	<33						µg/L		
		Antimony, total recoverable	2.4			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Barium, total recoverable	14			13	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				71	1	V	µg/L	WA	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			2.7	1	J	µg/L	WA	1
		Calcium, total recoverable	6,900						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*-1.8E+00*	1	UI	pCi/L	TM	0
		Chloride	2,800						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<1.9	1	JV	µg/L	GE	0
		Chromium, total recoverable	<6.7			2.9	1	J	µg/L	WA	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethylene				<5.0	1		µg/L	WA	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.50						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	5.4E+00			3.5E+00	1	I	pCi/L	TM	0
		Iron, total recoverable	13						µg/L		
		Lead, total recoverable	<5.0			71	1	V	µg/L	WA	2
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	<8.3			<1.7	1	V	µg/L	WA	0
		Magnesium, total recoverable	790						µg/L		
		Manganese, total recoverable	5.6						µg/L		
		Mercury, total recoverable	<0.33			<0.20	1		µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			2.0	1	J	µg/L	WA	0
		Nitrate-nitrite as nitrogen	520						µg/L		
		Nonvolatile beta	4.2E+00			5.1E+00	1	I	pCi/L	TM	0
		pH	6.3						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	1,700						µg/L		
		Radium, total alpha-emitting	3.9E+00			3.3E+00	1	I	pCi/L	GP	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Selenium, total recoverable	<3.3			<3.9	1	JV	µg/L	GE	0
		Silica, total recoverable	5,900						µg/L		
		Silver, total recoverable	<3.3			<1.4	1		µg/L	WA	0
		Sodium, total recoverable	3,000						µg/L		
		Specific conductance	68						µS/cm		
		Sulfate	11,000			13,000	2		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	6.9			<1.8	1	JV	µg/L	WA	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	42,000						µg/L		
		Total organic carbon	<1,700			660	1	J	µg/L	WA	0
		Total organic halogens	<8.3			97	1		µg/L	GE	2
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.5E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
		Tritium	5.3E+00			4.2E+00	1	I	pCi/mL	TM	0
●		Turbidity	0.11			0.15	1	J	NTU	WA	
		Uranium-233/234	*0.0E+00*						pCi/L		
		Uranium-235	*0.0E+00*						pCi/L		
		Uranium-238	*3.4E-01*						pCi/L		
		Vanadium, total recoverable	<13			<0.47	1	JV	µg/L	GE	0
		Xylenes	<3.3			<5.0	1		µg/L	WA	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WELL BGO 44A

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N76755.2 E57851.2	33.289924 °N 81.663562 °W	108.0-98.0 ft msl	285.3 ft msl	4" PVC	S	U. Congaree (IIA)

SAMPLE DATE 01/26/95 10/05/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	158.4			158.8	ft msl
pH	7.4			6.5	pH
Sp. conductance	185			177	µS/cm
Water temperature	19.0			20.2	°C
Alkalinity as $CaCO_3$	74			70	mg/L
Turbidity	0			1	NTU
Volume purged	4.0			5.9	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<11						µg/L		
		Alkalinity (as $CaCO_3$)				80,000	1		µg/L	GE	
		Aluminum, total recoverable	<33						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<6.3	1	V	µg/L	GE	0
		Barium, total recoverable	29			31	1		µg/L	GE	0
	■	Benzene	<1.7			***20***	1		µg/L	GE	2
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			21	1		µg/L	GE	0
		Bromoform	<1.7			25	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	35,000						µg/L		
	■	Carbon tetrachloride	<1.7			***26***	1		µg/L	GE	2
		Carbon-14				***-3.0E+00***	1	UI	pCi/L	GP	0
		Chloride	2,800						µg/L		
		Chlorobenzene	<1.7			22	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			21	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	1.4			0.99	1	J	µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			26	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			19	1		µg/L	GE	2
	■	1,2-Dichloroethane	<1.7			***21***	1		µg/L	GE	2
	■	1,1-Dichloroethylene	<1.7			***21***	1		µg/L	GE	2
		trans-1,2-Dichloroethylene	<1.7			20	1		µg/L	GE	0
	■	Dichloromethane	<1.7			***19***	1	V	µg/L	GE	2
		2,4-Dichlorophenoxyacetic acid	<0.0024						µg/L		
	■	1,2-Dichloropropane	<1.7			***20***	1		µg/L	GE	2
		cis-1,3-Dichloropropene	<1.7			19	1		µg/L	GE	2
		trans-1,3-Dichloropropene	<1.7			19	1		µg/L	GE	2
		Endrin	<0.0095						µg/L		
		Ethylbenzene	<1.7			20	1		µg/L	GE	0
		Fluoride	120						µg/L		
		Gross alpha	2.6E+00			***3.0E-01***	1	UI	pCi/L	GP	0
		Iron, total recoverable	<4.1						µg/L		
		Lead, total recoverable	<2.8			<5.0	1		µg/L	GE	0
		Lindane	<0.0079						µg/L		
		Lithium, total recoverable	11			<25	1		µg/L	GE	0
		Magnesium, total recoverable	1,000						µg/L		
		Manganese, total recoverable	1.3						µg/L		
		Mercury, total recoverable	<0.16			<0.060	1	JV	µg/L	GE	0
		Methoxychlor	<0.53						µg/L		
		Naphthalene	<11						µg/L		
		Nickel, total recoverable	<0.98			<10	1		µg/L	GE	0
		Nitrate as nitrogen	16						µg/L		
		Nitrate-nitrite as nitrogen	<83						µg/L		
		Nonvolatile beta	2.7E+00			***1.4E+00***	1	UI	pCi/L	GP	0
		pH	7.3						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	1,300						µg/L		
		Radium, total alpha-emitting	8.0E-01			7.0E-01	1	IV	pCi/L	GP	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Selenium, total recoverable	<2.0			<2.4	1	JV	µg/L	GE	0
		Silica, total recoverable	29,000						µg/L		
		Silver, total recoverable	<1.4			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	2,100						µg/L		
		Specific conductance	190						µS/cm		
		Sulfate	6,300			5,300	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			11	1		µg/L	GE	2
	■	Tetrachloroethylene	<1.7			*24*	1		µg/L	GE	2
		Tin, total recoverable	3.8			<50	1		µg/L	GE	0
		Toluene	<1.7			20	1		µg/L	GE	0
		Total dissolved solids	140,000						µg/L		
		Total organic carbon	1,100			1,400	1	V	µg/L	GE	0
		Total organic halogens	<8.3			<10	1		µg/L	GE	0
		Total phosphates (as P)	290						µg/L		
		Toxaphene	<0.38						µg/L		
		2,4,5-TP (Silvex)	<7.2E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			22	1		µg/L	GE	0
	■	1,1,2-Trichloroethane	<1.7			*23*	1		µg/L	GE	2
	■	Trichloroethylene	<1.7			*21*	1		µg/L	GE	2
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
		Tritium	9.8E-01			*-1.1E-02*	1	UI	pCi/mL	GP	0
	●	Turbidity	0.090			0.47	1	J1	NTU	GE	
		Uranium-233/234	*3.9E-02*						pCi/L		
		Uranium-234	2.2E-01						pCi/L		
		Uranium-235	*0.0E+00*						pCi/L		
		Uranium-238	*-5.3E-03*						pCi/L		
		Vanadium, total recoverable	<13			0.24	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
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WELL BGO 44AA

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N76757.0 E57880.5	33.289976 °N 81.663488 °W	71.3-61.2 ft msl	285.3 ft msl	4" PVC	S	L. Congaree (IIA)

SAMPLE DATE	01/24/95			10/05/95	

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	158.6			159.1	ft msl
pH	9.9			9.5	pH
Sp. conductance	166			191	µS/cm
Water temperature	19.5			20.4	°C
Alkalinity as $CaCO_3$	76			80	mg/L
Turbidity	0			0	NTU
Volume purged	5.3			2.4	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<16						µg/L		
		Alkalinity (as $CaCO_3$)				43,000	1		µg/L	GE	
		Aluminum, total recoverable	120						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<2.6	1	JV	µg/L	GE	0
		Barium, total recoverable	65			79	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	28,000						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*-4.2E-01*	1	UI	pCi/L	GP	0
		Chloride	2,500						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			<4.0	1		µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	74						µg/L		
		Gross alpha	2.2E+00			*9.1E-01*	1	UI	pCi/L	GP	0
		Iron, total recoverable	17						µg/L		
		Lead, total recoverable	<5.0			<5.0	1		µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	38			34	1		µg/L	GE	1
		Magnesium, total recoverable	550						µg/L		
		Manganese, total recoverable	<3.3						µg/L		
		Mercury, total recoverable	<0.33			<0.20	1		µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<16						µg/L		
		Nickel, total recoverable	<6.7			<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	<83						µg/L		
		Nonvolatile beta	3.1E+00			3.6E+00	1	I	pCi/L	GP	0
		pH	9.2						pH		
		Phenols	<8.3			<10	1		µg/L	GE	0
		Potassium, total recoverable	3,600						µg/L		
		Radium, total alpha-emitting	6.0E-01			1.3E+00	1	IV	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<3.5	1	JV	µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	29,000						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	3,700						µg/L		
		Specific conductance	170						µS/cm		
		Sulfate	9,100			8,800	1		µg/L	GE	0
		2,4,5-T	<7.5E-04						µg/L		
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	6.2			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	120,000						µg/L		
		Total organic carbon	<1,700			<650	1	JV	µg/L	GE	0
		Total organic halogens	<8.3			5.4	1	J	µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.4E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
		Tritium	2.2E+00			4.0E+00	1	I	pCi/mL	GP	0
●		Turbidity	<0.17			1.3	1	J1	NTU	GE	
		Uranium-233/234	*1.5E-01*						pCi/L		
		Uranium-235	*0.0E+00*						pCi/L		
		Uranium-238	*1.9E-01*						pCi/L		
		Vanadium, total recoverable	<13			0.59	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WELL BGO 44B

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N76756.0 E57865.8	33.289950 °N 81.663525 °W	158.1-148.1 ft msl	285.2 ft msl	4" PVC	S	McBean (IIB1)

SAMPLE DATE 01/26/95 10/05/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	220.6			222.0	ft msl
pH	12.0			11.1	pH
Sp. conductance	493			797	µS/cm
Water temperature	16.0			22.1	°C
Alkalinity as $CaCO_3$	128			181	mg/L
Turbidity	44			20	NTU
Volume purged	0.80			0.76	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				45,000	1		µg/L	GE	
		Aluminum, total recoverable	880						µg/L		
		Antimony, total recoverable	<3.3			5.4	1		µg/L	GE	1
		Arsenic, total recoverable	5.4			<4.5	1	JV	µg/L	GE	0
		Barium, total recoverable	400			370	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				13	1	J	µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<33			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	360,000						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*2.0E+00*	1	UI	pCi/L	GP	0
		Chloride	2,100						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<67			2.3	1	J	µg/L	GE	0
		Copper, total recoverable	<67						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	3.5E+00			1.8E+00	1	I	pCi/L	GP	0
		Iron, total recoverable	490						µg/L		
		Lead, total recoverable	*73*			6.8	1		µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	<83			120	1		µg/L	GE	2
		Magnesium, total recoverable	2,000						µg/L		
		Manganese, total recoverable	740						µg/L		
		Mercury, total recoverable	<0.33			<0.031	1	JV	µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<67			<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	<83						µg/L		
		Nonvolatile beta	3.3E+00			2.8E+00	1	I	pCi/L	GP	0
		pH	8.2						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	<8,300						µg/L		
		Radium, total alpha-emitting	8.0E-01			2.7E+00	1	IV	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	49,000						µg/L		
		Silver, total recoverable	<33			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	6,200						µg/L		
		Specific conductance	280						µS/cm		
		Sulfate	8,400			8,900	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<33			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total activity	1.6E+05						pCi/L		
		Total dissolved solids	200,000						µg/L		
		Total organic carbon	4,300			3,100	1	V	µg/L	GE	0
		Total organic halogens	26			9.6	1	J	µg/L	GE	0
		Total phosphates (as P)	95						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.5E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	***6.6E+01***			***1.8E+02***	1	I	pCi/mL	GP	2
●		Turbidity	94			16	1	J1	NTU	GE	
		Uranium-233/234	*9.3E-01*						pCi/L		
		Uranium-235	*7.9E-02*						pCi/L		
		Uranium-238	*1.0E+00*						pCi/L		
		Vanadium, total recoverable	<130			4.0	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGO 44C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N76757.8 E57894.9	33.290001 °N 81.663452 °W	200.6-190.6 ft msl	285.6 ft msl	4" PVC	S	Barnwell (IIB1)

SAMPLE DATE	01/26/95	10/05/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	220.4			221.9	ft msl
pH	7.4			10.0	pH
Sp. conductance	143			178	µS/cm
Water temperature	16.4			21.0	°C
Alkalinity as $CaCO_3$	58			39	mg/L
Turbidity	10			19	NTU
Volume purged	0.97			0.88	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				60,000	1		µg/L	GE	
		Aluminum, total recoverable	140						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Barium, total recoverable	44			52	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	18,000						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*-5.7E-01*	1	UI	pCi/L	GP	0
		Chloride	1,700						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			3.0	1	J	µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	90						µg/L		
		Gross alpha	*9.1E-01*			2.1E+00	1	I	pCi/L	GP	0
		Iron, total recoverable	62						µg/L		
		Lead, total recoverable	<5.0			<5.0	1		µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	29			47	1		µg/L	GE	1
		Magnesium, total recoverable	710						µg/L		
		Manganese, total recoverable	76						µg/L		
		Mercury, total recoverable	<0.33			<0.20	1		µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			1.6	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	550						µg/L		
		Nonvolatile beta	2.2E+00			3.2E+00	1	I	pCi/L	GP	0
		pH	8.3						pH		
		Phenols	<8.3			<2.3	1	JV	µg/L	GE	0
		Potassium, total recoverable	2,700						µg/L		
		Radium, total alpha-emitting	5.0E-01			1.5E+00	1	IV	pCi/L	GP	0
		Selenium, total recoverable	<3.3			1.6	1	J	µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	7,200						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	7,000						µg/L		
		Specific conductance	130						µS/cm		
		Sulfate	1,900			1,300	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	3.0			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total activity	4.0E+05			3.6E+05	1	I	pCi/L	EM	
		Total dissolved solids	79,000						µg/L		
		Total organic carbon	<1,700			2,100	1	V	µg/L	GE	0
		Total organic halogens	<8.3			<10	1		µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.6E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	1.1			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	***4.3E+02***			***3.4E+02***	1	I	pCi/mL	GP	2
●		Turbidity	4.9			5.9	1	JV1	NTU	GE	
		Uranium-233/234	*7.1E-02*						pCi/L		
		Uranium-235	*-1.8E-02*						pCi/L		
		Uranium-238	*-1.2E-02*						pCi/L		
		Vanadium, total recoverable	<13			2.7	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGO 44D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N76759.5 E57910.0	33.290030 °N 81.663415 °W	233.4-223.4 ft msl	285.4 ft msl	4" PVC	S	Water Table (IIB2)

SAMPLE DATE 01/26/95 10/05/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	232.7			233.4	ft msl
pH	4.8			3.7	pH
Sp. conductance	24			22	µS/cm
Water temperature	19.8			20.1	°C
Alkalinity as $CaCO_3$	0			0	mg/L
Turbidity	1			0	NTU
Volume purged	5.6			12	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<16						µg/L		
		Aldrin	<0.087						µg/L		
		Alkalinity (as $CaCO_3$)				<5,000	1		µg/L	GE	0
		Aluminum, total recoverable	42						µg/L		
		Antimony, total recoverable	<3.3			1.6	1	J	µg/L	GE	0
		Arsenic, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Barium, total recoverable	72			56	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			0.48	1	J	µg/L	GE	0
		Calcium, total recoverable	1,100						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*-6.1E-01*	1	UI	pCi/L	GP	0
		Chloride	2,600						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			<4.0	1		µg/L	GE	0
		Copper, total recoverable	11						µg/L		
		Cyanide	<8.3						µg/L		
		p,p'-DDT	<0.17						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Dieldrin	<0.87						µg/L		
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	3.2E+00			5.3E+00	1	I	pCi/L	GP	0
		Heptachlor	<0.087						µg/L		
		Iron, total recoverable	15						µg/L		
		Lead, total recoverable	<5.0			<5.0	1		µg/L	GE	0
		Lindane	<0.0087						µg/L		
		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	550						µg/L		
		Manganese, total recoverable	14						µg/L		
		Mercury, total recoverable	<0.33			<0.20	1		µg/L	GE	0
		Methoxychlor	<0.87						µg/L		
		Naphthalene	<16						µg/L		
		Nickel, total recoverable	<6.7			1.1	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	550						µg/L		
		Nonvolatile beta	2.3E+00			3.1E+00	1	I	pCi/L	GP	0
		pH	5.1						pH		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	<830						µg/L		
		Radium, total alpha-emitting	3.5E+00			2.3E+00	1	IV	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Silica, total recoverable	7,900						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	2,100						µg/L		
		Specific conductance	25						µS/cm		
		Sulfate	<1,700			<1,000	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total activity	6.4E+05			6.5E+05	1	I	pCi/L	EM	
		Total dissolved solids	24,000						µg/L		
		Total organic carbon	<1,700			1,100	1	V	µg/L	GE	0
		Total organic halogens	30			<10	1		µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.42						µg/L		
		2,4,5-TP (Silvex)	<7.6E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	***6.8E+02***			***6.9E+02***	1	I	pCi/mL	GP	2
●		Turbidity	6.8			5.7	1	JV1	NTU	GE	
		Uranium-233/234	*2.1E-02*						pCi/L		
		Uranium-235	*-1.4E-02*						pCi/L		
		Uranium-238	*3.5E-02*						pCi/L		
		Vanadium, total recoverable	<13			0.37	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WELL BGO 45A

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N75830.0 E54550.1	33.282492 °N 81.670457 °W	126.9-116.9 ft msl	278.9 ft msl	4" PVC	S	U. Congaree (IIA)

SAMPLE DATE 01/30/95 10/05/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	160.6			161.0	ft msl
pH	8.1			5.2	pH
Sp. conductance	177			169	µS/cm
Water temperature	19.0			19.7	°C
Alkalinity as $CaCO_3$	74			62	mg/L
Turbidity	0			1	NTU
Volume purged	3.3			3.7	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				84,000	1		µg/L	GE	
		Aluminum, total recoverable	<33						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<1.8	1	JV	µg/L	WA	0
		Barium, total recoverable	33			38	1		µg/L	WA	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<25	1	V	µg/L	WA	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	34,000						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*-5.6E-01*	1	UI	pCi/L	GP	0
		Chloride	1,700						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			2.0	1	J	µg/L	WA	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethylene				<5.0	1		µg/L	WA	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	1.6E+00			1.3E+00	1	I	pCi/L	TM	0
		Iron, total recoverable	<6.7						µg/L		
		Lead, total recoverable	<5.0			<2.3	1	JV	µg/L	WA	0
		Lindane	0.0050						µg/L		
		Lithium, total recoverable	<8.3			7.1	1	V	µg/L	WA	0
		Magnesium, total recoverable	460						µg/L		
		Manganese, total recoverable	<3.3						µg/L		
		Mercury, total recoverable	<0.33			0.25	1	V	µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			<5.4	1		µg/L	WA	0
		Nitrate-nitrite as nitrogen	590						µg/L		
		Nonvolatile beta	1.8E+00			*-3.0E-01*	1	UI	pCi/L	TM	0
		pH	7.9						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	<830						µg/L		
		Radium, total alpha-emitting	*0.0E+00*			6.0E-01	1	IV	pCi/L	GP	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Selenium, total recoverable	<3.3			3.1	1	J	µg/L	WA	0
		Silica, total recoverable	19,000						µg/L		
		Silver, total recoverable	<3.3			0.22	1	J	µg/L	WA	0
		Sodium, total recoverable	1,900						µg/L		
		Specific conductance	180						µS/cm		
		Sulfate	1,900			2,400	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			20	1	V	µg/L	WA	1
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	96,000						µg/L		
		Total organic carbon	<1,700			16,000	1	V	µg/L	GE	2
		Total organic halogens	<8.3			100	1		µg/L	GE	2
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.6E-04						µg/L		
		Tributyl phosphate	<17						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
		Tritium	5.6E+00			6.5E+00	1	I	pCi/mL	GP	0
●		Turbidity	<0.17			0.66	1	J1	NTU	GE	
		Uranium-233/234	*7.2E-02*						pCi/L		
		Uranium-235	*-4.7E-03*						pCi/L		
		Uranium-238	*7.2E-02*						pCi/L		
		Vanadium, total recoverable	<13			<10	1		µg/L	GE	0
		Xylenes	<3.3			<5.0	1		µg/L	WA	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGO 45B

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N75840.3 E54563.6	33.282536 °N 81.670441 °W	147.0-137.0 ft msl	278.6 ft msl	4" PVC	S	McBean (IIB1)

SAMPLE DATE 01/31/95 10/04/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	218.8			219.4	ft msl
pH	11.5			9.6	pH
Sp. conductance	232			121	µS/cm
Water temperature	14.2			20.5	°C
Alkalinity as $CaCO_3$	99			36	mg/L
Turbidity	6			9	NTU
Volume purged	0.80			0.80	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				33,000	1		µg/L	GE	
		Aluminum, total recoverable	110						µg/L		
		Antimony, total recoverable	3.6			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Barium, total recoverable	45			47	1	V	µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<15	1	JV	µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	12,000						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*-2.2E+00*	1	UI	pCi/L	GP	0
		Chloride	1,800						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			1.9	1	J	µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	*1.1E+00*			8.2E-01	1	I	pCi/L	GP	0
		Iron, total recoverable	6.5						µg/L		
		Lead, total recoverable	<5.0			1.3	1	J	µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	28			<25	1		µg/L	GE	0
		Magnesium, total recoverable	300						µg/L		
		Manganese, total recoverable	<3.3						µg/L		
		Mercury, total recoverable	<0.33			<0.089	1	JV	µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	830						µg/L		
		Nonvolatile beta	3.5E+00			3.8E+00	1	I	pCi/L	GP	0
		pH	11						pH		
		Phenols	<8.3			<10	1		µg/L	GE	0
		Potassium, total recoverable	4,200						µg/L		
		Radium, total alpha-emitting	4.0E-01			*3.0E-01*	1	UIV	pCi/L	GP	0
		Selenium, total recoverable	3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	12,000						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	5,000						µg/L		
		Specific conductance	150						µS/cm		
		Sulfate	1,100			10,000	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	7.4			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	59,000						µg/L		
		Total organic carbon	<1,700			1,300	1	V	µg/L	GE	0
		Total organic halogens	46			5.8	1	J	µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.4E-04						µg/L		
		Tributyl phosphate	<17						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
		Tritium	7.2E+00			6.0E+00	1	I	pCi/mL	GP	0
		Turbidity	0.83			0.94	1		NTU	GE	
		Uranium-233/234	*-4.8E-03*						pCi/L		
		Uranium-235	*0.0E+00*						pCi/L		
		Uranium-238	*4.0E-02*						pCi/L		
		Vanadium, total recoverable	<13			<0.64	1	JV	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

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WELL BGO 45C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N75835.0 E54577.4	33.282547 °N 81.670395 °W	200.5-190.5 ft msl	278.6 ft msl	4" PVC	S	Barnwell (IIB1)

SAMPLE DATE	01/31/95			10/04/95	
FIELD DATA					
Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	222.6			223.3	ft msl
pH	6.3			6.9	pH
Sp. conductance	30			41	µS/cm
Water temperature	13.2			20.8	°C
Alkalinity as $CaCO_3$	4			3	mg/L
Turbidity	2			16	NTU
Volume purged	0.95			0.88	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				8,000	1		µg/L	GE	
		Aluminum, total recoverable	45						µg/L		
		Antimony, total recoverable	2.0			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Barium, total recoverable	8.7			8.4	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				21	1	J	µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	1,600						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*0.0E+00*	1	UI	pCi/L	GP	0
		Chloride	2,000						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			0.80	1	J	µg/L	GE	0
		Copper, total recoverable	19						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			2.4	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0024						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.0098						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	*6.8E-01*			9.7E-01	1	I	pCi/L	GP	0
		Iron, total recoverable	53						µg/L		
		Lead, total recoverable	13			12	1		µg/L	GE	0
		Lindane	<0.0082						µg/L		
		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	530						µg/L		
		Manganese, total recoverable	12			10	1		µg/L	GE	0
		Mercury, total recoverable	<0.33			<0.20	1		µg/L	GE	0
		Methoxychlor	<0.82						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			1.7	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	1,000						µg/L		
		Nonvolatile beta	*1.3E+00*			*1.6E+00*	1	UI	pCi/L	GP	0
		pH	5.5						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	530						µg/L		
		Radium, total alpha-emitting	*1.0E-01*			*1.0E-01*	1	UIV	pCi/L	GP	0
		Selenium, total recoverable	<3.3			2.1	1	J	µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	7,800						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	2,400						µg/L		
		Specific conductance	31						µS/cm		
		Sulfate	<1,700			250	1	J	µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total activity	4.8E+05			4.4E+05	1	I	pCi/L	EM	
		Total dissolved solids	19,000						µg/L		
		Total organic carbon	1,300			1,100	1	V	µg/L	GE	0
		Total organic halogens	9.8			14	1		µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.39						µg/L		
		2,4,5-TP (Silvex)	<7.3E-04						µg/L		
		Tributyl phosphate	<17						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	***5.1E+02***			***4.5E+02***	1	I	pCi/mL	GP	2
●		Turbidity	1.8			1.1	1	JV1	NTU	GE	
		Uranium-233/234	*-1.7E-02*						pCi/L		
		Uranium-235	*-2.8E-02*						pCi/L		
		Uranium-238	*6.8E-03*						pCi/L		
		Vanadium, total recoverable	<13			<10	1		µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
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WELL BGO 45D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N75854.3 E54585.6	33.282603 °N 81.670411 °W	229.6-209.6 ft msl	278.6 ft msl	4" PVC	S	Water Table (IIB2)

SAMPLE DATE 01/26/95 10/11/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	227.5			227.9	ft msl
pH	5.2			4.8	pH
Sp. conductance	24			25	µS/cm
Water temperature	18.3			19.0	°C
Alkalinity as $CaCO_3$	0			0	mg/L
Turbidity	1			1	NTU
Volume purged	4.6			8.1	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				<5,000	1		µg/L	GE	0
		Aluminum, total recoverable	29						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Barium, total recoverable	8.8			8.3	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<20	1	JV	µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	1,100						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*8.1E+00*	1	UI	pCi/L	GP	0
		Chloride	1,600						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			0.65	1	J	µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0024						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.0010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	2.3E+00			9.5E-01	1	I	pCi/L	GP	0
		Iron, total recoverable	5.2						µg/L		
		Lead, total recoverable	<5.0			2.0	1	J	µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	610						µg/L		
		Manganese, total recoverable	5.3						µg/L		
		Mercury, total recoverable	<0.33			<0.20	1		µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	1,000						µg/L		
		Nonvolatile beta	*1.4E+00*			*1.0E+00*	1	UI	pCi/L	GP	0
		pH	5.5						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	<830						µg/L		
		Radium, total alpha-emitting	7.0E-01			6.0E-01	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<1.7	1	JV	µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	7,300						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	1,500						µg/L		
		Specific conductance	25						µS/cm		
		Sulfate	<1,700			290	1	J	µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total activity	2.3E+04						pCi/L		
		Total dissolved solids	24,000						µg/L		
		Total organic carbon	<1,700			320	1	J	µg/L	GE	0
		Total organic halogens	<8.3			<10	1		µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.3E-04						µg/L		
		Tributyl phosphate	<17						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			1.1	1	J	µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	***2.1E+01***			***9.7E+01***	1	I	pCi/mL	GP	2
		Turbidity	0.34			<0.51	1	V	NTU	GE	0
		Uranium-233/234	*-1.3E-02*						pCi/L		
		Uranium-235	*5.4E-02*						pCi/L		
		Uranium-238	*-6.7E-03*						pCi/L		
		Vanadium, total recoverable	<13			<0.34	1	JV	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGO 46B

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N75012.1 E54444.7	33.280511 °N 81.669146 °W	150.4-140.4 ft msl	265.4 ft msl	4" PVC	S	McBean (IIB1)

SAMPLE DATE 02/02/95 10/10/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	217.9			218.0	ft msl
pH	6.6			6.3	pH
Sp. conductance	55			54	µS/cm
Water temperature	19.6			20.3	°C
Alkalinity as $CaCO_3$	16			39	mg/L
Turbidity	1			1	NTU
Volume purged	4.6			3.3	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				20,000	1		µg/L	GE	
		Aluminum, total recoverable	<33						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			2.5	1	J	µg/L	GE	0
		Barium, total recoverable	<5.0			3.0	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<0.12	1	JV	µg/L	GE	0
		Calcium, total recoverable	8,100						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*7.4E-01*	1	UI	pCi/L	GP	0
		Chloride	1,900						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			2.2	1	J	µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<1.9	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	130						µg/L		
		Gross alpha	*3.9E-01*			*4.4E-01*	1	UI	pCi/L	GP	0
		Iron, total recoverable	9.3						µg/L		
		Lead, total recoverable	<5.0			1.3	1	J	µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	330						µg/L		
		Manganese, total recoverable	2.1						µg/L		
		Mercury, total recoverable	<0.33			<0.14	1	JV	µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	740						µg/L		
		Nonvolatile beta	*5.3E-01*			1.5E+00	1	I	pCi/L	GP	0
		pH	6.4						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	<830						µg/L		
		Radium, total alpha-emitting	*-4.0E-01*			*1.0E-01*	1	UI	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	13,000						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	1,900						µg/L		
		Specific conductance	57						µS/cm		
		Sulfate	<1,700			460	1	J	µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	43,000						µg/L		
		Total organic carbon	<1,700			<440	1	JV	µg/L	GE	0
		Total organic halogens	<8.3			<10	1		µg/L	GE	0
		Total phosphates (as P)	820						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.4E-04						µg/L		
		Tributyl phosphate	<17						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	1.5			2.4	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
		Tritium	6.7E+00			1.1E+01	1	I	pCi/mL	GP	1
		Turbidity	<0.17			0.16	1		NTU	GE	
		Uranium-233/234	*0.0E+00*						pCi/L		
		Uranium-235	*0.0E+00*						pCi/L		
		Uranium-238	*3.7E-02*						pCi/L		
		Vanadium, total recoverable	<13			0.47	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGO 46C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N75022.2 E54433.9	33.280515 °N 81.669194 °W	188.0-178.0 ft msl	265.1 ft msl	4" PVC	S	Barnwell (IIB1)

SAMPLE DATE: 02/03/95 (1Q95); 10/26/95 (4Q95)

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	219.4			219.4	ft msl
pH	6.3			6.4	pH
Sp. conductance	50			116	µS/cm
Water temperature	17.4			20.1	°C
Alkalinity as $CaCO_3$	12			10	mg/L
Turbidity	9			27	NTU
Volume purged	0.85			0.81	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<16						µg/L		
		Alkalinity (as $CaCO_3$)				<5,000	1		µg/L	GE	0
		Aluminum, total recoverable	52						µg/L		
		Antimony, total recoverable	2.2			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Barium, total recoverable	6.4			7.4	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	1,300						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*2.1E+00*	1	UI	pCi/L	GP	0
		Chloride	2,100						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			1.0	1	J	µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<1.2	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0028						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	*5.2E-01*			*3.7E-01*	1	UI	pCi/L	GP	0
		Iron, total recoverable	51						µg/L		
		Lead, total recoverable	<5.0			5.9	1		µg/L	GE	0
		Lindane	<0.0084						µg/L		
		Lithium, total recoverable	6.9			20	1	J	µg/L	GE	0
		Magnesium, total recoverable	330						µg/L		
		Manganese, total recoverable	4.7						µg/L		
		Mercury, total recoverable	<0.33			0.034	1	J	µg/L	GE	0
		Methoxychlor	<0.84						µg/L		
		Naphthalene	<16						µg/L		
		Nickel, total recoverable	<6.7			3.6	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	680						µg/L		
		Nonvolatile beta	*1.6E+00*			1.8E+00	1	I	pCi/L	GP	0
		pH	6.3						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	1,800						µg/L		
		Radium, total alpha-emitting	4.0E-01			*2.0E-01*	1	UI	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	8,400						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	6,700						µg/L		
		Specific conductance	51						µS/cm		
		Sulfate	2,400			1,900	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	2.7			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total activity				4.6E+05	10	I	pCi/L	EM	
		Total dissolved solids	37,000						µg/L		
		Total organic carbon	<1,700			1,100	1	V	µg/L	GE	0
		Total organic halogens	<8.3			19	1		µg/L	GE	0
		Total phosphates (as P)	260						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<8.3E-04						µg/L		
		Tributyl phosphate	<16						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
	■	Trichloroethylene	*26*			27	1		µg/L	GE	2
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	***2.3E+02***			***4.6E+02***	1	I	pCi/mL	GP	2
●		Turbidity	5.1			17	1	J1	NTU	GE	
		Uranium-233/234	*-1.9E-02*						pCi/L		
		Uranium-235	*5.4E-02*						pCi/L		
		Uranium-238	*8.8E-02*						pCi/L		
		Vanadium, total recoverable	<13			1.8	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WELL BGO 46D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N75033.8 E54420.0	33.280518 °N 81.669253 °W	212.1-202.1 ft msl	265.1 ft msl	4" PVC	S	Water Table (IIB2)

SAMPLE DATE 02/02/95 10/26/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	225.5			225.1	ft msl
pH	5.0			4.9	pH
Sp. conductance	57			48	µS/cm
Water temperature	20.0			20.1	°C
Alkalinity as $CaCO_3$	0			0	mg/L
Turbidity	0			1	NTU
Volume purged	6.1			4.7	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				<5,000	1		µg/L	GE	0
		Aluminum, total recoverable	26						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Barium, total recoverable	11			6.0	1	V	µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				13	1	J	µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	1,800						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				1.8E+01	1	I	pCi/L	GP	0
		Chloride	7,500						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	*3.9*			1.5	1	J	µg/L	GE	1
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	2.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			<4.0	1		µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	13			3.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	1.7			<2.9	1	V	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0026						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	4.4E+00			2.3E+00	1	I	pCi/L	GP	0
		Iron, total recoverable	10						µg/L		
		Lead, total recoverable	<5.0			1.9	1	J	µg/L	GE	0
		Lindane	<0.0085						µg/L		
●		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	670						µg/L		
		Manganese, total recoverable	9.6						µg/L		
		Mercury, total recoverable	0.28			0.40	1		µg/L	GE	0
		Methoxychlor	<0.85						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	1,200						µg/L		
		Nonvolatile beta	*1.9E+00*			2.8E+00	1	I	pCi/L	GP	0
		pH	4.9						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	<830						µg/L		
		Radium, total alpha-emitting	1.0E+00			1.0E+00	1	IV	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	9,000						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	2,600						µg/L		
		Specific conductance	59						µS/cm		
		Sulfate	<1,700			970	1	J	µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	***8.1***			2.7	1		µg/L	GE	1
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total activity	5.5E+07			1.9E+07	50	I	pCi/L	EM	
		Total dissolved solids	40,000						µg/L		
●		Total organic carbon	3,700			1,800	1	JV1	µg/L	GE	0
		Total organic halogens	200			95	1		µg/L	GE	2
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.41						µg/L		
		2,4,5-TP (Silvex)	<7.7E-04						µg/L		
		Tributyl phosphate	<17						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
	■	Trichloroethylene	***27***			***16***	1		µg/L	GE	2
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	***5.8E+04***			***2.0E+04***	1	I	pCi/mL	GP	2
●		Turbidity	<0.17			0.15	1	J1	NTU	GE	
		Uranium-233/234	***8.1E-02***						pCi/L		
		Uranium-235	***0.0E+00***						pCi/L		
		Uranium-238	***1.1E-01***						pCi/L		
		Vanadium, total recoverable	<13			<10	1		µg/L	GE	0
		Xylenes	10						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGO 47A

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N74728.8 E54914.0	33.280650 °N 81.667360 °W	96.8-86.8 ft msl	266.9 ft msl	4" PVC	S	U. Congaree (IIA)

SAMPLE DATE	02/02/95			10/17/95	
FIELD DATA					
Parameter	**1Q95**	**2Q95**	**3Q95**	**4Q95**	**Unit**
Water elevation	162.3			162.5	ft msl
pH	9.3			9.5	pH
Sp. conductance	162			150	µS/cm
Water temperature	19.7			19.6	°C
Alkalinity as $CaCO_3$	65			64	mg/L
Turbidity	0			0	NTU
Volume purged	3.7			5.3	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Aldrin	<0.083						µg/L		
		Alkalinity (as $CaCO_3$)				62,000	1		µg/L	WA	
		Aluminum, total recoverable	50						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			3.9	1	J	µg/L	WA	0
		Barium, total recoverable	51			51	1		µg/L	WA	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				35	1	V	µg/L	WA	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			3.9	1	J	µg/L	WA	1
		Calcium, total recoverable	27,000						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*2.0E-01*	1	UI	pCi/L	GP	0
		Chloride	2,400						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			3.1	1	J	µg/L	WA	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		p,p'-DDT	<0.17						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethylene				<5.0	1		µg/L	WA	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<1.1	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Dieldrin	<0.83						µg/L		
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	110						µg/L		
		Gross alpha	*5.1E-01*			3.1E+00	1	I	pCi/L	TM	0
		Heptachlor	<0.083						µg/L		
		Iron, total recoverable	11						µg/L		
		Lead, total recoverable	<5.0			140	1	V	µg/L	WA	2
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	20			17	1	V	µg/L	WA	0
		Magnesium, total recoverable	530						µg/L		
		Manganese, total recoverable	35						µg/L		
		Mercury, total recoverable	<0.33			0.19	1	J	µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			1.0	1	J	µg/L	WA	0
		Nitrate-nitrite as nitrogen	<83						µg/L		
		Nonvolatile beta	2.0E+00			2.7E+00	1	I	pCi/L	TM	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		pH	7.8						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	2,000						µg/L		
		Radium, total alpha-emitting	*2.0E-01*			5.0E-01	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3			1.6	1	J	µg/L	GE	0
		Silica, total recoverable	22,000						µg/L		
		Silver, total recoverable	<3.3			<0.57	1	JV	µg/L	WA	0
		Sodium, total recoverable	2,600						µg/L		
		Specific conductance	160						µS/cm		
		Sulfate	7,400			6,800	1		µg/L	WA	0
		2,4,5-T	<7.4E-04						µg/L		
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	6.0			2.2	1	J	µg/L	WA	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	110,000						µg/L		
		Total organic carbon	1,200			570	1	J	µg/L	GE	0
		Total organic halogens	21			100	1		µg/L	GE	2
		Total phosphates (as P)	330						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.4E-04						µg/L		
		Tributyl phosphate	<17						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
		Tritium	1.6E+00			1.7E+00	1	I	pCi/mL	GP	0
●		Turbidity	<0.17			0.18	1	J	NTU	WA	
		Uranium-233/234	*1.2E-01*						pCi/L		
		Uranium-235	*-1.7E-02*						pCi/L		
		Uranium-238	*2.2E-02*						pCi/L		
		Vanadium, total recoverable	<13			1.7	1	J	µg/L	WA	0
		Xylenes	<3.3			<5.0	1		µg/L	WA	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGO 47C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N74752.0 E54933.4	33.280733 °N 81.667354 °W	188.6-178.6 ft msl	267.6 ft msl	4" PVC	S	Barnwell (IIB1)

SAMPLE DATE 10/17/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation				222.8	ft msl
pH				6.0	pH
Sp. conductance				32	µS/cm
Water temperature				20.6	°C
Alkalinity as $CaCO_3$				3	mg/L
Turbidity				1	NTU
Volume purged				5.5	well volume
Sampling code	p				

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Alkalinity (as $CaCO_3$)				7,100	1		µg/L	GE	
		Antimony, total recoverable				<5.0	1		µg/L	GE	0
		Arsenic, total recoverable				<5.2	1	V	µg/L	GE	0
		Barium, total recoverable				9.7	1	V	µg/L	GE	0
		Benzene				<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane				<2.0	1		µg/L	GE	0
		Bromoform				<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)				<2.0	1		µg/L	GE	0
		Cadmium, total recoverable				<2.0	1		µg/L	GE	0
		Carbon tetrachloride				<2.0	1		µg/L	GE	0
		Carbon-14				*-1.4E-01*	1	UI	pCi/L	GP	0
		Chlorobenzene				<2.0	1		µg/L	GE	0
		Chloroethane				<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)				<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether				<10	1		µg/L	GE	0
		Chloroform				1.2	1	J	µg/L	GE	0
		Chloromethane (Methyl chloride)				<2.0	1		µg/L	GE	0
		Chromium, total recoverable				1.3	1	J	µg/L	GE	0
		Dibromochloromethane				<2.0	1		µg/L	GE	0
		1,1-Dichloroethane				<2.0	1		µg/L	GE	0
		1,2-Dichloroethane				<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene				<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene				<2.0	1		µg/L	GE	0
		Dichloromethane				<2.0	1		µg/L	GE	0
		1,2-Dichloropropane				<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene				<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene				<2.0	1		µg/L	GE	0
		Ethylbenzene				<2.0	1		µg/L	GE	0
		Gross alpha				1.2E+00	1	JI	pCi/L	GP	0
		Lead, total recoverable				<5.0	1		µg/L	GE	0
		Lithium, total recoverable				<25	1		µg/L	GE	0
		Mercury, total recoverable				<0.20	1		µg/L	GE	0
		Nickel, total recoverable				<10	1		µg/L	GE	0
		Nonvolatile beta				2.7E+00	1	I	pCi/L	GP	0
		Phenols				<5.0	1		µg/L	GE	0
		Radium, total alpha-emitting				4.0E-01	1	I	pCi/L	GP	0
		Selenium, total recoverable				<5.0	1		µg/L	GE	0
		Silver, total recoverable				<2.0	1		µg/L	GE	0
		Sulfate				220	1	J	µg/L	GE	0
		1,1,2,2-Tetrachloroethane				<2.0	1		µg/L	GE	0
		Tetrachloroethylene				<2.0	1		µg/L	GE	0
		Tin, total recoverable				<50	1		µg/L	GE	0
		Toluene				<2.0	1		µg/L	GE	0
		Total activity				3.6E+05	1	I	pCi/L	EM	
		Total organic carbon				<490	1	JV	µg/L	GE	0
		Total organic halogens				12	1		µg/L	GE	0
		1,1,1-Trichloroethane				<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane				<2.0	1		µg/L	GE	0
		Trichloroethylene				3.2	1		µg/L	GE	1
		Trichlorofluoromethane				<2.0	1		µg/L	GE	0
■		Tritium				*3.8E+02*	1	I	pCi/mL	GP	2
		Turbidity				0.90	1	V	NTU	GE	
		Vanadium, total recoverable				<10	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WELL BGO 47D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N74739.7 E54922.9	33.280689 °N 81.667357 °W	213.4-203.4 ft msl	267.4 ft msl	4" PVC	S	Water Table (IIB2)

SAMPLE DATE	02/02/95			10/26/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	226.7			226.2	ft msl
pH	5.3			5.1	pH
Sp. conductance	39			37	µS/cm
Water temperature	20.0			20.3	°C
Alkalinity as $CaCO_3$	1			1	mg/L
Turbidity	0			1	NTU
Volume purged	9.6			7.7	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<16						µg/L		
		Alkalinity (as $CaCO_3$)				<5,000	1		µg/L	GE	0
		Aluminum, total recoverable	29						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<3.9	1	JV	µg/L	GE	0
		Barium, total recoverable	13			14	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	1,900						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*4.8E+00*	1	UI	pCi/L	GP	0
		Chloride	2,700						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	2.3			1.9	1	J	µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			<4.0	1		µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.2	1	V	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	3.1E+00			2.4E+00	1	I	pCi/L	GP	0
		Iron, total recoverable	5.9						µg/L		
		Lead, total recoverable	<5.0			2.9	1	J	µg/L	GE	0
		Lindane	<0.0085						µg/L		
		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	840						µg/L		
		Manganese, total recoverable	11						µg/L		
		Mercury, total recoverable	<0.33			<0.20	1	J	µg/L	GE	0
		Methoxychlor	<0.85						µg/L		
		Naphthalene	<16						µg/L		
		Nickel, total recoverable	<6.7			1.1	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	2,200						µg/L		
		Nonvolatile beta	*1.0E+00*			1.7E+00	1	I	pCi/L	GP	0
		pH	5.2						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	<830						µg/L		
		Radium, total alpha-emitting	1.1E+00			1.3E+00	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	8,500						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	2,900						µg/L		
		Specific conductance	39						µS/cm		
		Sulfate	<1,700			<1,000	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total activity	1.4E+06			9.9E+05	10	I	pCi/L	EM	
		Total dissolved solids	31,000						µg/L		
		Total organic carbon	<1,700			460	1	J	µg/L	GE	0
		Total organic halogens	29			14	1		µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.41						µg/L		
		2,4,5-TP (Silvex)	<7.6E-04						µg/L		
		Tributyl phosphate	<16						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
	■	Trichloroethylene	***11***			***7.3***	1		µg/L	GE	2
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	***1.4E+03***			***1.1E+03***	1	I	pCi/mL	GP	2
●		Turbidity	<0.17			0.62	1	J1	NTU	GE	
		Uranium-233/234	*3.8E-02*						pCi/L		
		Uranium-235	*2.1E-02*						pCi/L		
		Uranium-238	*1.1E-02*						pCi/L		
		Vanadium, total recoverable	<13			0.31	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGO 48C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N74599.6 E55124.4	33.280708 °N 81.666555 °W	186.7-176.7 ft msl	276.6 ft msl	4" PVC	S	Barnwell (IIB1)

SAMPLE DATE	02/02/95			10/08/95	
FIELD DATA					
Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	223.7			223.6	ft msl
pH	5.5			5.3	pH
Sp. conductance	33			38	µS/cm
Water temperature	20.3			20.4	°C
Alkalinity as $CaCO_3$	1			2	mg/L
Turbidity	0			1	NTU
Volume purged	4.9			4.0	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				<5,000	1		µg/L	GE	0
		Aluminum, total recoverable	50						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<4.9	1	JV	µg/L	GE	0
		Barium, total recoverable	7.9			14	1	V	µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	690						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				9.2E+01	1	I	pCi/L	GP	0
		Chloride	2,100						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	1.0			1.5	1	J	µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			0.78	1	J	µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<1.6	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0026						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.0099						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	1.5E+00			*7.3E-01*	1	UI	pCi/L	GP	0
		Iron, total recoverable	12						µg/L		
		Lead, total recoverable	<5.0			<5.0	1		µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	560						µg/L		
		Manganese, total recoverable	14						µg/L		
		Mercury, total recoverable	<0.33			<0.13	1	JV	µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	2,000						µg/L		
		Nonvolatile beta	*1.7E+00*			*1.5E+00*	1	UI	pCi/L	GP	0
		pH	5.3						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	<830						µg/L		
		Radium, total alpha-emitting	*4.0E-01*			2.3E+00	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	9,000						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	8,200						µg/L		
		Specific conductance	38						µS/cm		
		Sulfate	<1,700			120	1	J	µg/L	GE	0
		2,4,5-T	<7.7E-04						µg/L		
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	2.3			2.4	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total activity	3.0E+06			6.8E+06	10	I	pCi/L	EM	
		Total dissolved solids	29,000						µg/L		
		Total organic carbon	<1,700			<380	1	JV	µg/L	GE	0
		Total organic halogens	79			13	1		µg/L	GE	0
		Total phosphates (as P)	200						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.7E-04						µg/L		
		Tributyl phosphate	<17						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
	■	Trichloroethylene	3.9			*6.1*	1		µg/L	GE	2
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	***3.2E+03***			***6.6E+03***	1	I	pCi/mL	GP	2
●		Turbidity	<0.17			0.56	1	JV1	NTU	GE	
		Uranium-233/234	*6.1E-02*						pCi/L		
		Uranium-235	*-5.5E-03*						pCi/L		
		Uranium-238	*7.5E-02*						pCi/L		
		Vanadium, total recoverable	<13			<10	1		µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WELL BGO 48D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N74586.4 E55121.0	33.280673 °N 81.666538 °W	212.0-202.0 ft msl	276.9 ft msl	4" PVC	S	Water Table (IIB2)

SAMPLE DATE	02/02/95			10/26/95	
FIELD DATA					
Parameter	**1Q95**	**2Q95**	**3Q95**	**4Q95**	**Unit**
Water elevation	227.1			226.6	ft msl
pH	4.7			4.4	pH
Sp. conductance	74			77	µS/cm
Water temperature	20.6			21.0	°C
Alkalinity as $CaCO_3$	0			0	mg/L
Turbidity	1			1	NTU
Volume purged	13			3.6	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<11						µg/L		
		Aldrin	<0.083						µg/L		
		Alkalinity (as $CaCO_3$)				<5,000	1		µg/L	GE	0
		Aluminum, total recoverable	160						µg/L		
		Antimony, total recoverable	3.4			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Barium, total recoverable	90			120	1	V	µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				13	1	J	µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	1,100						µg/L		
		Carbon tetrachloride	2.2			<2.0	1		µg/L	GE	0
		Carbon-14				7.9E+02	1	I	pCi/L	GP	0
		Chloride	12,000						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	2.3			1.9	1	J	µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	1.0			<4.0	1		µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<1.9						µg/L		
		p,p'-DDT	<0.17						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	1.8			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	1.2			<2.3	1	V	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0026						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Dieldrin	<0.83						µg/L		
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	33						µg/L		
■		Gross alpha	***2.2E+01***			***2.3E+01***	1	I	pCi/L	GP	2
		Heptachlor	<0.083						µg/L		
		Iron, total recoverable	7.5						µg/L		
		Lead, total recoverable	1.6			4.7	1	J	µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	<0.50			<25	1		µg/L	GE	0
		Magnesium, total recoverable	1,400						µg/L		
		Manganese, total recoverable	15						µg/L		
		Mercury, total recoverable	0.70			0.28	1		µg/L	GE	0
		Methoxychlor	<0.54						µg/L		
		Naphthalene	<11						µg/L		
		Nickel, total recoverable	<1.4			<10	1		µg/L	GE	0
		Nitrate as nitrogen	2,800						µg/L		
		Nitrate-nitrite as nitrogen	3,000						µg/L		
		Nonvolatile beta	1.6E+01			1.4E+01	1	I	pCi/L	GP	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		pH	4.8						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	690						µg/L		
		Radium, total alpha-emitting	6.8E+00			8.8E+00	1	IV	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Silica, total recoverable	8,300						µg/L		
		Silver, total recoverable	<0.44			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	7,600						µg/L		
		Specific conductance	72						µS/cm		
		Sulfate	250			<1,000	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tetrachloroethylene	***27***			***11***	1		µg/L	GE	2
		Tin, total recoverable	1.8			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total activity	5.6E+07			2.5E+07	50	I	pCi/L	EM	
		Total dissolved solids	43,000						µg/L		
●		Total organic carbon	<570			1,400	1	JV1	µg/L	GE	0
		Total organic halogens	790			110	1		µg/L	GE	2
		Total phosphates (as P)	890						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.7E-04						µg/L		
		Tributyl phosphate	<17						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
	■	Trichloroethylene	***140***			***140***	1		µg/L	GE	2
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	***6.1E+04***			***2.5E+04***	1	I	pCi/mL	GP	2
●		Turbidity	0.34			0.32	1	J1	NTU	GE	
		Uranium-233/234	*1.7E-01*						pCi/L		
		Uranium-234	1.8E-01						pCi/L		
		Uranium-235	*0.0E+00*						pCi/L		
		Uranium-238	*4.0E-02*						pCi/L		
		Vanadium, total recoverable	<13			<10	1		µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGO 49A

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N73902.8 E56205.1	33.280930 °N 81.662356 °W	85.1-75.1 ft msl	271.2 ft msl	4" PVC	S	U. Congaree (IIA)

SAMPLE DATE	02/01/95	10/12/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation					ft msl
pH	10.9			10.0	pH
Sp. conductance	242			192	µS/cm
Water temperature	19.0			19.5	°C
Alkalinity as $CaCO_3$	114			78	mg/L
Turbidity	0			0	NTU
Volume purged					well volume
Sampling code	S				S

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				38,000	1		µg/L	GE	
		Aluminum, total recoverable	540						µg/L		
		Antimony, total recoverable	3.1			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	2.1			<5.0	1		µg/L	GE	0
		Barium, total recoverable	53			46	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3						µg/L		
		Calcium, total recoverable	38,000			<2.0	1		µg/L	GE	0
		Carbon tetrachloride	<1.7			*-1.1E+00*	1	UI	pCi/L	GP	0
		Carbon-14							µg/L		
		Chloride	1,800			<2.0	1		µg/L	GE	0
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<10	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<2.0	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			2.4	1	J	µg/L	GE	0
		Chromium, total recoverable	<6.7						µg/L		
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3								
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0024						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	34						µg/L		
		Gross alpha	*9.7E-01*			1.1E+00	1	I	pCi/L	GP	0
		Iron, total recoverable	4.6						µg/L		
		Lead, total recoverable	<5.0			<5.0	1		µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	48			28	1		µg/L	GE	1
		Magnesium, total recoverable	430						µg/L		
		Manganese, total recoverable	<3.3						µg/L		
		Mercury, total recoverable	<0.33			<0.032	1	JV	µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	<83						µg/L		
		Nonvolatile beta	3.3E+00			2.4E+00	1	I	pCi/L	GP	0
		pH	11						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	4,900						µg/L		
		Radium, total alpha-emitting	*-1.0E-01*			4.0E-01	1	I	pCi/L	GP	0
		Selenium, total recoverable	4.1			<1.5	1	JV	µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	18,000						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	3,300						µg/L		
		Specific conductance	220						µS/cm		
		Sulfate	2,600			2,900	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	7.0			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	130,000						µg/L		
		Total organic carbon	3,000			550	1	J	µg/L	GE	0
		Total organic halogens	20			<10	1		µg/L	GE	0
		Total phosphates (as P)	500						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.3E-04						µg/L		
		Tributyl phosphate	<17						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
		Tritium	7.2E-01			*6.2E-01*	1	UI	pCi/mL	GP	0
		Turbidity	<0.17			<1.4	1	V	NTU	GE	0
		Uranium-233/234	*2.4E-02*						pCi/L		
		Uranium-235	*0.0E+00*						pCi/L		
		Uranium-238	*-2.6E-02*						pCi/L		
		Vanadium, total recoverable	<13			<1.8	1	JV	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGO 49C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N73917.2 E56202.2	33.280957 °N 81.662391 °W	176.0-166.0 ft msl	271.1 ft msl	4" PVC	S	Barnwell (IIB1)

SAMPLE DATE: 02/01/95 (1Q95); 10/12/95 (4Q95)

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	228.6			228.1	ft msl
pH	8.5			5.9	pH
Sp. conductance	70			64	µS/cm
Water temperature	18.6			19.1	°C
Alkalinity as $CaCO_3$	21			19	mg/L
Turbidity	1			1	NTU
Volume purged	2.5			3.1	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				27,000	1		µg/L	GE	
		Aluminum, total recoverable	29						µg/L		
		Antimony, total recoverable	2.8			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Barium, total recoverable	34			31	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3						µg/L		
		Calcium, total recoverable	7,200			<2.0	1		µg/L	GE	0
		Carbon tetrachloride	<1.7			*-9.7E+00*	1	UI	pCi/L	GP	0
		Carbon-14							µg/L		
		Chloride	1,900			<2.0	1		µg/L	GE	0
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<10	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<2.0	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			3.0	1	J	µg/L	GE	0
		Chromium, total recoverable	<6.7						µg/L		
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3			<2.0	1		µg/L	GE	0
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7						µg/L		
		2,4-Dichlorophenoxyacetic acid	<0.0025			<2.0	1		µg/L	GE	0
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7						µg/L		
		Endrin	<0.0099			<2.0	1		µg/L	GE	0
		Ethylbenzene	<1.7						µg/L		
		Fluoride	<50			*1.3E-02*	1	UI	pCi/L	GP	0
		Gross alpha	*5.2E-01*						µg/L		
		Iron, total recoverable	4.4			1.3	1	J	µg/L	GE	0
		Lead, total recoverable	<5.0						µg/L		
		Lindane	<0.0083			<25	1		µg/L	GE	0
		Lithium, total recoverable	17						µg/L		
		Magnesium, total recoverable	370						µg/L		
		Manganese, total recoverable	<3.3			<0.039	1	JV	µg/L	GE	0
		Mercury, total recoverable	<0.33						µg/L		
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17			<10	1		µg/L	GE	0
		Nickel, total recoverable	<6.7						µg/L		
		Nitrate-nitrite as nitrogen	620			2.4E+00	1	I	pCi/L	GP	0
		Nonvolatile beta	2.4E+00						pH		
		pH	7.5			<5.0	1		µg/L	GE	0
		Phenols	<8.3						µg/L		
		Potassium, total recoverable	2,400			3.0E-01	1	I	pCi/L	GP	0
		Radium, total alpha-emitting	4.0E-01			<1.8	1	JV	µg/L	GE	0
		Selenium, total recoverable	2.7								

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

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H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	9,100						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	4,600						µg/L		
		Specific conductance	73						µS/cm		
		Sulfate	<1,700			890	1	J	µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	5.1			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	47,000						µg/L		
		Total organic carbon	<1,700			16,000	1		µg/L	GE	2
		Total organic halogens	25			23	1		µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.4E-04						µg/L		
		Tributyl phosphate	<17						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	***5.1E+01***			***6.5E+01***	1	I	pCi/mL	GP	2
		Turbidity	0.83			<0.51	1	V	NTU	GE	0
		Uranium-233/234	*3.8E-02*						pCi/L		
		Uranium-235	*-2.3E-02*						pCi/L		
		Uranium-238	*1.6E-01*						pCi/L		
		Vanadium, total recoverable	<13			<1.1	1	JV	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGO 49D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N73931.5 E56198.8	33.280983 °N 81.662428 °W	238.5-218.5 ft msl	271.5 ft msl	4" PVC	S	Water Table (IIB2)

SAMPLE DATE	02/02/95			10/04/95	
FIELD DATA					
Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	235.3			234.6	ft msl
pH	5.2			5.4	pH
Sp. conductance	25			57	µS/cm
Water temperature	16.4			19.8	°C
Alkalinity as $CaCO_3$	1			2	mg/L
Turbidity	39			35	NTU
Volume purged	1.4			0.85	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				<5,000	1		µg/L	GE	0
		Aluminum, total recoverable	77						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<3.8	1	JV	µg/L	GE	0
		Barium, total recoverable	8.4			10	1	J	µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	550						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*1.8E+00*	1	UI	pCi/L	GP	0
		Chloride	1,600						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			6.3	1		µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	*6.9E-01*			6.4E-01	1	I	pCi/L	GP	0
		Iron, total recoverable	33						µg/L		
		Lead, total recoverable	4.3			6.1	1		µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	360						µg/L		
		Manganese, total recoverable	<3.3			5.4	1	J	µg/L	GE	0
		Mercury, total recoverable	<0.33			<0.042	1	JV	µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			2.5	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	2,000						µg/L		
		Nonvolatile beta	*2.8E-01*			8.6E-01	1	I	pCi/L	GP	0
		pH	5.1						pH		
		Phenols	<8.3			<10	1		µg/L	GE	0
		Potassium, total recoverable	<830						µg/L		
		Radium, total alpha-emitting	*3.0E-01*			5.0E-01	1	IV	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	6,100						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	3,600						µg/L		
		Specific conductance	29						µS/cm		
		Sulfate	<1,700			110	1	J	µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	22,000						µg/L		
		Total organic carbon	<1,700			<700	1	JV	µg/L	GE	0
		Total organic halogens	17			2.9	1	J	µg/L	GE	0
		Total phosphates (as P)	130						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.5E-04						µg/L		
		Tributyl phosphate	<17						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	***2.6E+01***			***2.6E+01***	1	I	pCi/mL	GP	2
		Turbidity	2.5			5.8	1		NTU	GE	
		Uranium-233/234	*5.9E-02*						pCi/L		
		Uranium-235	*0.0E+00*						pCi/L		
		Uranium-238	*3.2E-02*						pCi/L		
		Vanadium, total recoverable	<13			2.8	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WELL BGO 50A

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N75201.2 E54179.8	33.280497 °N 81.670210 °W	100.5-90.5 ft msl	255.4 ft msl	4" PVC	S	U. Congaree (IIA)

SAMPLE DATE	02/03/95			10/04/95	
FIELD DATA					
Parameter	**1Q95**	**2Q95**	**3Q95**	**4Q95**	**Unit**
Water elevation	160.0			160.4	ft msl
pH	11.5			12.3	pH
Sp. conductance	503			2660	µS/cm
Water temperature	18.3			20.4	°C
Alkalinity as $CaCO_3$	125			525	mg/L
Turbidity	1			2	NTU
Volume purged	0.90			0.83	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<16						µg/L		
		Alkalinity (as $CaCO_3$)				230,000	1		µg/L	GE	
		Aluminum, total recoverable	380						µg/L		
		Antimony, total recoverable	3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	4.3			2.8	1	J	µg/L	GE	0
		Barium, total recoverable	140			530	1	V	µg/L	GE	0
		Benzene	<1.7			<2.0	1	J1	µg/L	GE	0
		Boron, total recoverable				<20	1	JV	µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1	J1	µg/L	GE	0
		Bromoform	<1.7			<2.0	1	J1	µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1	J1	µg/L	GE	0
		Cadmium, total recoverable	<3.3			0.12	1	J	µg/L	GE	0
		Calcium, total recoverable	38,000						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1	J1	µg/L	GE	0
		Carbon-14				*1.7E+00*	1	UI	pCi/L	GP	0
		Chloride	2,300						µg/L		
		Chlorobenzene	<1.7			<2.0	1	J1	µg/L	GE	0
		Chloroethane	<1.7			<2.0	1	J1	µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1	J1	µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1	J1	µg/L	GE	0
		Chloroform	3.2			2.1	1	J1	µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1	J1	µg/L	GE	0
		Chromium, total recoverable	<6.7			5.4	1		µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1	J1	µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1	J1	µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1	J1	µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1	J1	µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1	J1	µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1	JV1	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1	J1	µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1	J1	µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1	J1	µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1	J1	µg/L	GE	0
		Fluoride	80						µg/L		
		Gross alpha	1.9E+00			3.6E+00	1	I	pCi/L	GP	0
		Iron, total recoverable	11						µg/L		
		Lead, total recoverable	<5.0			9.9	1		µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	120			330	1		µg/L	GE	2
		Magnesium, total recoverable	70						µg/L		
		Manganese, total recoverable	<3.3						µg/L		
		Mercury, total recoverable	<0.33			1.1	1	V	µg/L	GE	1
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<16						µg/L		
		Nickel, total recoverable	<6.7			1.9	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	420						µg/L		
		Nonvolatile beta	6.8E+00			8.6E+00	1	I	pCi/L	GP	0
		pH	11						pH		
		Phenols	<8.3			<10	1		µg/L	GE	0
		Potassium, total recoverable	7,500						µg/L		
		Radium, total alpha-emitting	4.0E-01			1.9E+00	1	IV	pCi/L	GP	0
		Selenium, total recoverable	2.7			<1.8	1	JV	µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

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H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	16,000						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	13,000						µg/L		
		Specific conductance	510						µS/cm		
		Sulfate	3,400			3,800	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1	J1	µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1	J1	µg/L	GE	0
		Tin, total recoverable	12			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1	J1	µg/L	GE	0
		Total dissolved solids	170,000						µg/L		
		Total organic carbon	<1,700			1,100	1	V	µg/L	GE	0
		Total organic halogens	18			3.3	1	J	µg/L	GE	0
		Total phosphates (as P)	310						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.6E-04						µg/L		
		Tributyl phosphate	<16						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1	J1	µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1	J1	µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1	J1	µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1	J1	µg/L	GE	0
		Tritium	*-8.0E-03*			*3.6E-01*	1	UI	pCi/mL	GP	0
		Turbidity	0.13			1.2	1		NTU	GE	
		Uranium-233/234	*-5.6E-02*						pCi/L		
		Uranium-235	*2.2E-02*						pCi/L		
		Uranium-238	*2.7E-02*						pCi/L		
		Vanadium, total recoverable	<13			4.7	1	JV	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGO 50C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N75190.4 E54197.0	33.280501 °N 81.670144 °W	172.5-162.5 ft msl	255.5 ft msl	4" PVC	S	Barnwell (IIB1)

SAMPLE DATE: 02/03/95 (4Q95: 10/26/95)

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	218.3			218.6	ft msl
pH	5.5			5.5	pH
Sp. conductance	24			43	µS/cm
Water temperature	17.9			18.7	°C
Alkalinity as $CaCO_3$	1			2	mg/L
Turbidity	6			7	NTU
Volume purged	0.96			0.82	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				<5,000	1		µg/L	GE	0
		Aluminum, total recoverable	49						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			2.1	1	J	µg/L	GE	0
		Barium, total recoverable	5.4			6.3	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				14	1	J	µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<0.30	1	JV	µg/L	GE	0
		Calcium, total recoverable	1,200						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*9.2E-01*	1	UI	pCi/L	GP	0
		Chloride	2,100						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			1.2	1	J	µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<1.4	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	55						µg/L		
		Gross alpha	*1.4E-01*			*4.9E-01*	1	UI	pCi/L	GP	0
		Iron, total recoverable	43						µg/L		
		Lead, total recoverable	<5.0			<2.0	1	JV	µg/L	GE	0
		Lindane	<0.0083						µg/L		
●		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	380						µg/L		
		Manganese, total recoverable	12			12	1		µg/L	GE	0
		Mercury, total recoverable	<0.33			<0.15	1	JV	µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			1.9	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	660						µg/L		
		Nonvolatile beta	*4.9E-01*			*1.5E+00*	1	UI	pCi/L	GP	0
		pH	5.4						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	<830						µg/L		
		Radium, total alpha-emitting	*-3.0E-01*			*2.0E-01*	1	UI	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	9,400						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	2,200						µg/L		
		Specific conductance	26						µS/cm		
		Sulfate	1,300			1,400	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<2.0	1	JV	µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	26,000						µg/L		
		Total organic carbon	<1,700			780	1	J	µg/L	GE	0
		Total organic halogens	<8.3			<10	1		µg/L	GE	0
		Total phosphates (as P)	55						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.6E-04						µg/L		
		Tributyl phosphate	<17						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	*7.3*			1.8	1	J	µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	***1.3E+02***			***1.5E+02***	1	I	pCi/mL	GP	2
		Turbidity	4.1			4.2	1		NTU	GE	
		Uranium-233/234	*-1.1E-02*						pCi/L		
		Uranium-235	*4.6E-02*						pCi/L		
		Uranium-238	*0.0E+00*						pCi/L		
		Vanadium, total recoverable	<13			0.90	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
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WELL BGO 50D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N75181.3 E54209.1	33.280501 °N 81.670095 °W	228.0-208.0 ft msl	256 ft msl	4" PVC	S	Water Table (IIB2)

SAMPLE DATE	02/02/95	10/26/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	225.3			225.0	ft msl
pH	6.3			6.0	pH
Sp. conductance	61			52	µS/cm
Water temperature	19.5			19.6	°C
Alkalinity as $CaCO_3$	16			14	mg/L
Turbidity	1			1	NTU
Volume purged	4.3			5.1	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				17,000	1		µg/L	GE	
		Aluminum, total recoverable	76						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Barium, total recoverable	10			9.5	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3						µg/L		
		Calcium, total recoverable	8,500			<2.0	1		µg/L	GE	0
		Carbon tetrachloride	<1.7			1.0E+01	1	I	pCi/L	GP	0
		Carbon-14							µg/L		
		Chloride	3,000						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			<4.0	1		µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.3	1	V	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0026						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	2.4E+00			2.1E+00	1	I	pCi/L	GP	0
		Iron, total recoverable	5.2						µg/L		
		Lead, total recoverable	<5.0			<5.0	1		µg/L	GE	0
		Lindane	<0.0085						µg/L		
		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	370						µg/L		
		Manganese, total recoverable	2.9						µg/L		
		Mercury, total recoverable	<0.33			<0.20	1	J	µg/L	GE	0
		Methoxychlor	<0.85						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	950						µg/L		
		Nonvolatile beta	*1.4E+00*			1.7E+00	1	I	pCi/L	GP	0
		pH	6.0						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	<830						µg/L		
		Radium, total alpha-emitting	7.0E-01			1.2E+00	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3			1.6	1	J	µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	6,800						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	2,400						µg/L		
		Specific conductance	63						µS/cm		
		Sulfate	<1,700			300	1	J	µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total activity	5.1E+05			3.2E+05	1	I	pCi/L	EM	
		Total dissolved solids	39,000						µg/L		
		Total organic carbon	1,800			810	1	J	µg/L	GE	0
		Total organic halogens	46			13	1		µg/L	GE	0
		Total phosphates (as P)	210						µg/L		
		Toxaphene	<0.41						µg/L		
		2,4,5-TP (Silvex)	<7.7E-04						µg/L		
		Tributyl phosphate	<17						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
	■	Trichloroethylene	2.3			***5.6***	1		µg/L	GE	2
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	***5.4E+02***			***3.5E+02***	1	I	pCi/mL	GP	2
●		Turbidity	3.0			6.3	1	J1	NTU	GE	
		Uranium-233/234	*3.6E-02*						pCi/L		
		Uranium-235	*4.3E-02*						pCi/L		
		Uranium-238	*9.3E-02*						pCi/L		
		Vanadium, total recoverable	<13			0.27	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WELL BGO 51A

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N74133.0 E57841.8	33.284109 °N 81.658493 °W	85.1-75.1 ft msl	289.3 ft msl	2" PVC	V	U. Congaree (IIA)

SAMPLE DATE	02/13/95			10/09/95	
FIELD DATA					
Parameter	**1Q95**	**2Q95**	**3Q95**	**4Q95**	**Unit**
Water elevation	165.4			168.8	ft msl
pH	7.7			7.4	pH
Sp. conductance	213			190	µS/cm
Water temperature	20.3			21.2	°C
Alkalinity as $CaCO_3$	88			79	mg/L
Turbidity	2			1	NTU
Volume purged	7.7			2.6	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				95,000	1		µg/L	GE	
		Aluminum, total recoverable	<33			<33	1	V	µg/L	GE	0
		Antimony, total recoverable	3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Barium, total recoverable	47			32	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable	<50			<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	45,000			38,000	1		µg/L	GE	
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*-4.1E-01*	1	UI	pCi/L	GP	0
		Chloride	2,300			7,300	1		µg/L	GE	0
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			1.2	1	J	µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<1.8	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50			970	1		µg/L	GE	0
		Gross alpha	1.6E+00			7.0E-01	1	I	pCi/L	GP	0
		Iron, total recoverable	13			<18	1		µg/L	GE	0
		Lead, total recoverable	<5.0			1.3	1	J	µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	15			20	1	J	µg/L	GE	0
		Magnesium, total recoverable	940			790	1		µg/L	GE	
		Manganese, total recoverable	10			3.1	1		µg/L	GE	0
		Mercury, total recoverable	<0.33			<0.17	1	JV	µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	<83			<20	1	JV	µg/L	GE	0
		Nonvolatile beta	2.5E+00			2.8E+00	1	I	pCi/L	GP	0
●		pH	7.5			7.6	1	J1	pH	GE	0
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	2,200			1,700	1		µg/L	GE	
		Radium, total alpha-emitting	*1.0E-01*			*3.0E-01*	1	UIV	pCi/L	GP	0
		Selenium, total recoverable	2.4			<2.6	1	JV	µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	27,000			28,000	1	V	µg/L	GE	
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	2,800			2,300	1	V	µg/L	GE	
		Specific conductance	220			210	1		µS/cm	GE	0
		Sulfate	5,900			17,000	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total activity	1.9E+04						pCi/L		
		Total dissolved solids	140,000			130,000	1		µg/L	GE	
		Total organic carbon	4,100			<1,400	1	V	µg/L	GE	0
		Total organic halogens	<8.3			<10	1		µg/L	GE	0
		Total phosphates (as P)	<83			<50	1		µg/L	GE	0
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.5E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
		Tritium	*-2.1E-01*			*-3.4E-01*	1	UI	pCi/mL	GP	0
		Turbidity	0.36			0.090	1	J	NTU	GE	
		Uranium-233/234	*1.5E-01*						pCi/L		
		Uranium-235	*3.2E-02*						pCi/L		
		Uranium-238	*5.9E-02*						pCi/L		
		Vanadium, total recoverable	<13			<0.55	1	JV	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
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WELL BGO 51AA

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N74113.1 E57867.0	33.284106 °N 81.658388 °W	39.2-29.2 ft msl	289.2 ft msl	2" PVC	V	L. Congaree (IIA)

SAMPLE DATE	02/13/95			10/09/95	
FIELD DATA					
Parameter	**1Q95**	**2Q95**	**3Q95**	**4Q95**	**Unit**
Water elevation	167.8			168.4	ft msl
pH	10.0			9.2	pH
Sp. conductance	223			178	µS/cm
Water temperature	19.9			20.8	°C
Alkalinity as $CaCO_3$	97			63	mg/L
Turbidity	9			3	NTU
Volume purged	3.3			2.2	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				84,000	1		µg/L	GE	
		Aluminum, total recoverable	66			<60	1	V	µg/L	GE	0
		Antimony, total recoverable	***8.5***			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	3.8			<5.0	1		µg/L	GE	0
		Barium, total recoverable	84			86	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable	<50			11	1	J	µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	30,000			26,000	1		µg/L	GE	
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*4.6E-02*	1	UI	pCi/L	GP	0
		Chloride	1,900			1,900	1		µg/L	GE	0
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			0.71	1	J	µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<1.4	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	200			84	1	J	µg/L	GE	0
		Gross alpha	1.3E+00			*8.8E-01*	1	UI	pCi/L	GP	0
		Iron, total recoverable	89			180	1		µg/L	GE	1
		Lead, total recoverable	5.5			<5.0	1		µg/L	GE	0
		Lindane	<0.0084						µg/L		
		Lithium, total recoverable	69			71	1		µg/L	GE	2
		Magnesium, total recoverable	350			440	1		µg/L	GE	
		Manganese, total recoverable	<3.3			6.9	1		µg/L	GE	0
		Mercury, total recoverable	<0.33			<0.087	1	JV	µg/L	GE	0
		Methoxychlor	<0.84						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	<83			<30	1	JV	µg/L	GE	0
		Nonvolatile beta	9.3E+00			9.4E+00	1	I	pCi/L	GP	0
●		pH	9.7			9.3	1	J1	pH	GE	1
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	13,000			10,000	1		µg/L	GE	
		Radium, total alpha-emitting	7.0E-01			1.2E+00	1	IV	pCi/L	GP	0
		Selenium, total recoverable	4.6			<2.1	1	JV	µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	49,000			46,000	1	V	µg/L	GE	
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	15,000			7,400	1	V	µg/L	GE	
		Specific conductance	220			200	1		µS/cm	GE	0
		Sulfate	10,000			11,000	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	25			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total activity	7.7E+02						pCi/L		
		Total dissolved solids	180,000			150,000	1		µg/L	GE	
		Total organic carbon	<1,700			<1,200	1	V	µg/L	GE	0
		Total organic halogens	<8.3			<10	1		µg/L	GE	0
		Total phosphates (as P)	140			50	1	J	µg/L	GE	
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.5E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
		Tritium	*-2.9E-02*			*-2.2E-01*	1	UI	pCi/mL	GP	0
		Turbidity	7.2			2.0	1		NTU	GE	
		Uranium-233/234	*1.6E-01*						pCi/L		
		Uranium-235	*-4.5E-03*						pCi/L		
		Uranium-238	*1.2E-01*						pCi/L		
		Vanadium, total recoverable	<13			<0.78	1	JV	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WELL BGO 51B

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N74127.7 E57848.3	33.284108 °N 81.658466 °W	126.9-116.9 ft msl	289.1 ft msl	2" PVC	V	McBean (IIB1)

SAMPLE DATE: 02/07/95 (1Q95, 2Q95, 3Q95) | 10/09/95 (4Q95)

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	230.6			230.4	ft msl
pH	8.6			7.7	pH
Sp. conductance	202			170	µS/cm
Water temperature	19.9			20.4	°C
Alkalinity as $CaCO_3$	72			59	mg/L
Turbidity	1			0	NTU
Volume purged	3.4			2.2	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				79,000	1		µg/L	GE	
		Aluminum, total recoverable	<33			<31	1	V	µg/L	GE	0
		Antimony, total recoverable	2.8			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Barium, total recoverable	61			81	1		µg/L	GE	0
	■	Benzene	<1.7			***42***	1		µg/L	GE	2
		Boron, total recoverable	<50			14	1	J	µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	32,000			27,000	1		µg/L	GE	
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*-1.1E-01*	1	UI	pCi/L	GP	0
		Chloride	2,400			2,500	1		µg/L	GE	0
		Chlorobenzene	<1.7			46	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			2.3	1	J	µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
	■	1,1-Dichloroethylene	<1.7			***43***	1		µg/L	GE	2
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<1.5	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0026						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	74			46	1	J	µg/L	GE	0
		Gross alpha	*7.4E-01*			1.3E+00	1	I	pCi/L	GP	0
		Iron, total recoverable	<6.7			<18	1		µg/L	GE	0
		Lead, total recoverable	<5.0			1.5	1	J	µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable	24			46	1		µg/L	GE	1
		Magnesium, total recoverable	1,100			750	1		µg/L	GE	
		Manganese, total recoverable	10			2.6	1		µg/L	GE	0
		Mercury, total recoverable	<0.33			<0.12	1	JV	µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	<83			<90	1	V	µg/L	GE	0
		Nonvolatile beta	1.9E+00			2.1E+00	1	I	pCi/L	GP	0
●		pH	8.0			8.5	1	J1	pH	GE	1
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	2,000			2,500	1		µg/L	GE	
		Radium, total alpha-emitting	*1.0E-01*			*6.0E-01*	1	UIV	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<2.0	1	JV	µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	28,000			32,000	1	V	µg/L	GE	
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	8,800			8,700	1	V	µg/L	GE	
		Specific conductance	210			190	1		µS/cm	GE	0
		Sulfate	13,000			10,000	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	5.7			<50	1		µg/L	GE	0
		Toluene	<1.7			51	1		µg/L	GE	0
		Total activity	-4.8E+04						pCi/L		
		Total dissolved solids	140,000			130,000	1		µg/L	GE	
		Total organic carbon	1,100			<1,100	1	V	µg/L	GE	0
		Total organic halogens	<8.3			<10	1		µg/L	GE	0
		Total phosphates (as P)	<83			<50	1		µg/L	GE	0
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.7E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
	■	Trichloroethylene	<1.7			***40***	1		µg/L	GE	2
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
		Tritium	*4.7E-01*			*3.9E-01*	1	UI	pCi/mL	GP	0
		Turbidity	<0.17			<0.10	1		NTU	GE	0
		Uranium-233/234	*4.6E-01*						pCi/L		
		Uranium-235	*2.6E-02*						pCi/L		
		Uranium-238	*2.5E-01*						pCi/L		
		Vanadium, total recoverable	<13			1.8	1	JV	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WELL BGO 51C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N74123.1 E57854.4	33.284108 °N 81.658441 °W	185.1-175.1 ft msl	289.1 ft msl	2" PVC	V	Barnwell (IIB1)

SAMPLE DATE	02/07/95			10/09/95	
FIELD DATA					
Parameter	**1Q95**	**2Q95**	**3Q95**	**4Q95**	**Unit**
Water elevation	231.5			231.3	ft msl
pH	5.8			5.5	pH
Sp. conductance	23			21	µS/cm
Water temperature	20.0			20.3	°C
Alkalinity as $CaCO_3$	1			1	mg/L
Turbidity	0			0	NTU
Volume purged	6.4			3.3	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<18						µg/L		
		Alkalinity (as $CaCO_3$)				<5,000	1		µg/L	GE	0
		Aluminum, total recoverable	<33			<50	1	V	µg/L	GE	0
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Barium, total recoverable	4.6			4.0	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable	<50			<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	1,300			870	1		µg/L	GE	
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*-4.6E-01*	1	UI	pCi/L	GP	0
		Chloride	1,600			1,500	1		µg/L	GE	0
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			1.3	1	J	µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<1.2	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.011						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50			<100	1		µg/L	GE	0
		Gross alpha	*-7.0E-02*			*-2.0E-02*	1	UI	pCi/L	GP	0
		Iron, total recoverable	<6.7			<18	1		µg/L	GE	0
		Lead, total recoverable	<5.0			<5.0	1		µg/L	GE	0
		Lindane	<0.0088						µg/L		
	○	Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	320			280	1		µg/L	GE	
		Manganese, total recoverable	17			12	1		µg/L	GE	0
		Mercury, total recoverable	<0.33			<0.11	1	JV	µg/L	GE	0
		Methoxychlor	<0.88						µg/L		
		Naphthalene	<18						µg/L		
		Nickel, total recoverable	<6.7			<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	850			880	1	V	µg/L	GE	0
		Nonvolatile beta	*9.6E-01*			*2.9E-01*	1	UI	pCi/L	GP	0
●		pH	5.5			5.8	1	J1	pH	GE	0
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	<830			140	1	J	µg/L	GE	
		Radium, total alpha-emitting	*2.0E-01*			*0.0E+00*	1	UIV	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	8,900			9,800	1	V	µg/L	GE	
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	2,200			2,000	1	V	µg/L	GE	
		Specific conductance	25			21	1		µS/cm	GE	0
		Sulfate	1,400			710	1	J	µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total activity	3.6E+04						pCi/L		
		Total dissolved solids	19,000			12,000	1		µg/L	GE	
		Total organic carbon	<1,700			<380	1	JV	µg/L	GE	0
		Total organic halogens	<8.3			<10	1		µg/L	GE	0
		Total phosphates (as P)	<83			<50	1		µg/L	GE	0
		Toxaphene	<0.42						µg/L		
		2,4,5-TP (Silvex)	<7.6E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
		Tritium	3.9E+00			3.5E+00	1	I	pCi/mL	GP	0
		Turbidity	<0.17			<0.10	1		NTU	GE	0
		Uranium-233/234	*4.2E-02*						pCi/L		
		Uranium-235	*0.0E+00*						pCi/L		
		Uranium-238	*-1.3E-02*						pCi/L		
		Vanadium, total recoverable	<13			<0.48	1	JV	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WELL BGO 51D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N74118.0 E57860.6	33.284107 °N 81.658414 °W	240.1-220.1 ft msl	289.3 ft msl	2" PVC	V	Water Table (IIB2)

SAMPLE DATE 02/07/95 10/09/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	236.4			236.5	ft msl
pH	5.9			5.3	pH
Sp. conductance	36			31	µS/cm
Water temperature	20.9			22.5	°C
Alkalinity as $CaCO_3$	2			1	mg/L
Turbidity	1			1	NTU
Volume purged	6.4			4.5	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				21,000	1		µg/L	GE	
		Aluminum, total recoverable	<33			<45	1	V	µg/L	GE	0
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Barium, total recoverable	5.9			8.1	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable	<50			<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	1,400			1,300	1		µg/L	GE	
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*-3.4E+00*	1	UI	pCi/L	GP	0
		Chloride	1,600			1,500	1		µg/L	GE	0
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			3.2	1	J	µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<1.3	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0026						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50			<100	1		µg/L	GE	0
		Gross alpha	*4.4E-01*			*1.2E-01*	1	UI	pCi/L	GP	0
		Iron, total recoverable	10			34	1		µg/L	GE	0
		Lead, total recoverable	<5.0			1.8	1	J	µg/L	GE	0
		Lindane	<0.0086						µg/L		
		Lithium, total recoverable	<8.3			<25	1		µg/L	GE	0
		Magnesium, total recoverable	260			360	1		µg/L	GE	
		Manganese, total recoverable	35			28	1		µg/L	GE	1
		Mercury, total recoverable	<0.33			<0.047	1	JV	µg/L	GE	0
		Methoxychlor	<0.86						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	5.2			2.7	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	2,500			2,300	2	V	µg/L	GE	0
		Nonvolatile beta	*1.0E+00*			1.9E+00	1	I	pCi/L	GP	0
●		pH	5.8			5.8	1	J1	pH	GE	0
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	<830			95	1	J	µg/L	GE	
		Radium, total alpha-emitting	*-1.0E-01*			*6.0E-01*	1	UIV	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	7,100			7,800	1	V	µg/L	GE	
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	4,800			3,900	1	V	µg/L	GE	
		Specific conductance	40			35	1		µS/cm	GE	0
		Sulfate	<1,700			210	1	J	µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total activity	3.3E+04						pCi/L		
		Total dissolved solids	34,000			23	1	J	µg/L	GE	
		Total organic carbon	<1,700			<670	1	JV	µg/L	GE	0
		Total organic halogens	<8.3			<10	1		µg/L	GE	0
		Total phosphates (as P)	<83			<50	1		µg/L	GE	0
		Toxaphene	<0.41						µg/L		
		2,4,5-TP (Silvex)	<7.7E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	***2.6E+01***			***2.4E+01***	1	I	pCi/mL	GP	2
		Turbidity	2.0			13	1		NTU	GE	
		Uranium-233/234	*2.4E-02*						pCi/L		
		Uranium-235	*-2.2E-02*						pCi/L		
		Uranium-238	*7.5E-02*						pCi/L		
		Vanadium, total recoverable	<13			<0.61	1	JV	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WELL BGO 52A

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N74632.6 E57184.0	33.284141 °N 81.661196 °W	91.7-81.7 ft msl	284.4 ft msl	2" PVC	V	U. Congaree (IIA)

SAMPLE DATE 10/18/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation				164.3	ft msl
pH				9.7	pH
Sp. conductance				212	µS/cm
Water temperature				20.4	°C
Alkalinity as $CaCO_3$				91	mg/L
Turbidity				1	NTU
Volume purged				2.2	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Alkalinity (as $CaCO_3$)				86,000	1		µg/L	GE	
		Aluminum, total recoverable				18	1	J	µg/L	GE	0
		Antimony, total recoverable				<5.0	1		µg/L	GE	0
		Arsenic, total recoverable				<4.6	1	JV	µg/L	GE	0
		Barium, total recoverable				100	1	V	µg/L	GE	0
		Benzene				<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane				<2.0	1		µg/L	GE	0
		Bromoform				<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)				<2.0	1		µg/L	GE	0
		Cadmium, total recoverable				<2.0	1		µg/L	GE	0
		Calcium, total recoverable				32,000	1		µg/L	GE	
		Carbon tetrachloride				<2.0	1		µg/L	GE	0
		Carbon-14				*3.2E-01*	1	UI	pCi/L	GP	0
		Chloride				2,400	1		µg/L	GE	0
		Chlorobenzene				<2.0	1		µg/L	GE	0
		Chloroethane				<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)				<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether				<10	1		µg/L	GE	0
		Chloroform				<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)				<2.0	1		µg/L	GE	0
		Chromium, total recoverable				0.72	1	J	µg/L	GE	0
		Dibromochloromethane				<2.0	1		µg/L	GE	0
		1,1-Dichloroethane				<2.0	1		µg/L	GE	0
		1,2-Dichloroethane				<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene				<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene				<2.0	1		µg/L	GE	0
		Dichloromethane				<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid				<0.051	1		µg/L	GE	0
		1,2-Dichloropropane				<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene				<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene				<2.0	1		µg/L	GE	0
		Endrin				<0.050	1		µg/L	GE	0
		Ethylbenzene				<2.0	1		µg/L	GE	0
		Fluoride				66	1	J	µg/L	GE	0
		Gross alpha				*4.3E-01*	1	UI	pCi/L	GP	0
		Iron, total recoverable				23	1		µg/L	GE	0
		Lead, total recoverable				<5.0	1		µg/L	GE	0
		Lindane				<0.025	1		µg/L	GE	0
		Lithium, total recoverable				79	1		µg/L	GE	2
		Magnesium, total recoverable				680	1		µg/L	GE	
		Manganese, total recoverable				25	1	V	µg/L	GE	0
		Mercury, total recoverable				<0.20	1		µg/L	GE	0
		Methoxychlor				<0.50	1		µg/L	GE	0
		Nickel, total recoverable				<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen				830	1	V	µg/L	GE	0
		Nonvolatile beta				1.1E+01	1	I	pCi/L	GP	0
●		pH				9.2	1	J1	pH	GE	1
		Phenols				<5.0	1		µg/L	GE	0
		Potassium, total recoverable				13,000	1		µg/L	GE	
		Radium, total alpha-emitting				1.3E+00	1	I	pCi/L	GP	0
		Selenium, total recoverable				1.8	1	J	µg/L	GE	0
		Silica, total recoverable				40,000	1	V	µg/L	GE	
		Silver, total recoverable				<2.0	1		µg/L	GE	0
		Sodium, total recoverable				8,500	1	V	µg/L	GE	
		Specific conductance				190	1		µS/cm	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Sulfate				8,000	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane				<2.0	1		µg/L	GE	0
		Tetrachloroethylene				<2.0	1		µg/L	GE	0
		Tin, total recoverable				1.3	1	J	µg/L	GE	0
		Toluene				<2.0	1		µg/L	GE	0
		Total activity				1.4E+04	50	UI	pCi/L	EM	0
		Total dissolved solids				140,000	1		µg/L	GE	
		Total organic carbon				17,000	1	V	µg/L	GE	2
		Total organic halogens				<10	1		µg/L	GE	0
		Total phosphates (as P)				<50	1		µg/L	GE	0
		Toxaphene				<1.0	1		µg/L	GE	0
		2,4,5-TP (Silvex)				<0.026	1		µg/L	GE	0
		1,1,1-Trichloroethane				<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane				<2.0	1		µg/L	GE	0
		Trichloroethylene				<2.0	1		µg/L	GE	0
		Trichlorofluoromethane				<2.0	1		µg/L	GE	0
		Tritium				*-1.5E-01*	1	UI	pCi/mL	GP	0
		Turbidity				0.38	1		NTU	GE	
		Vanadium, total recoverable				0.84	1	J	µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGO 52AA

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N74638.0 E57178.1	33.284143 °N 81.661222 °W	46.6-36.6 ft msl	284.5 ft msl	2" PVC	V	L. Congaree (IIA)

SAMPLE DATE 10/18/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation				163.3	ft msl
pH				7.2	pH
Sp. conductance				151	µS/cm
Water temperature				19.9	°C
Alkalinity as $CaCO_3$				41	mg/L
Turbidity				1	NTU
Volume purged				2.2	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Aldrin				<0.025	1		µg/L	GE	0
		Alkalinity (as $CaCO_3$)				62,000	1		µg/L	GE	
		Aluminum, total recoverable				23	1		µg/L	GE	0
		Antimony, total recoverable				<5.0	1		µg/L	GE	0
		Arsenic, total recoverable				<10	1		µg/L	GE	0
		Barium, total recoverable				39	1	V	µg/L	GE	0
		Benzene				<2.0	1		µg/L	GE	0
		Boron, total recoverable				12	1	J	µg/L	GE	0
		Bromodichloromethane				<2.0	1		µg/L	GE	0
		Bromoform				<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)				<2.0	1		µg/L	GE	0
		Cadmium, total recoverable				<2.0	1		µg/L	GE	0
		Calcium, total recoverable				22,000	1		µg/L	GE	
		Carbon tetrachloride				<2.0	1		µg/L	GE	0
		Carbon-14				*4.1E-01*	1	UI	pCi/L	GP	0
		Chloride				2,400	1		µg/L	GE	0
		Chlorobenzene				<2.0	1		µg/L	GE	0
		Chloroethane				<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)				<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether				<10	1		µg/L	GE	0
		Chloroform				<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)				<2.0	1		µg/L	GE	0
		Chromium, total recoverable				<4.0	1		µg/L	GE	0
		p,p'-DDT				<0.10	1		µg/L	GE	0
		Dibromochloromethane				<2.0	1		µg/L	GE	0
		1,1-Dichloroethane				<2.0	1		µg/L	GE	0
		1,2-Dichloroethane				<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene				<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene				<2.0	1		µg/L	GE	0
		Dichloromethane				<2.2	1	V	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid				<0.052	1		µg/L	GE	0
		1,2-Dichloropropane				<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene				<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene				<2.0	1		µg/L	GE	0
		Dieldrin				<0.050	1	J	µg/L	GE	0
		Endrin				<0.050	1		µg/L	GE	0
		Ethylbenzene				<2.0	1		µg/L	GE	0
		Fluoride				83	1	J	µg/L	GE	0
		Gross alpha				*4.1E-01*	1	UI	pCi/L	GP	0
		Heptachlor				<0.050	1	J	µg/L	GE	0
		Iron, total recoverable				410	1		µg/L	GE	2
		Lead, total recoverable				<5.0	1		µg/L	GE	0
		Lindane				<0.025	1		µg/L	GE	0
		Lithium, total recoverable				<25	1		µg/L	GE	0
		Magnesium, total recoverable				740	1		µg/L	GE	
		Manganese, total recoverable				63	1	V	µg/L	GE	2
		Mercury, total recoverable				0.040	1	J	µg/L	GE	0
		Methoxychlor				<0.50	1		µg/L	GE	0
		Nickel, total recoverable				<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen				<10	1	JV	µg/L	GE	0
		Nonvolatile beta				4.7E+00	1	I	pCi/L	GP	0
●		pH				7.1	1	J1	pH	GE	0
		Phenols				<5.0	1		µg/L	GE	0
		Potassium, total recoverable				4,200	1		µg/L	GE	
		Radium, total alpha-emitting				3.0E-01	1	I	pCi/L	GP	0
		Selenium, total recoverable				<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable				42,000	1	V	µg/L	GE	
		Silver, total recoverable				<2.0	1		µg/L	GE	0
		Sodium, total recoverable				6,600	1	V	µg/L	GE	
		Specific conductance				170	1		µS/cm	GE	0
		Sulfate				15,000	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane				<2.0	1		µg/L	GE	0
		Tetrachloroethylene				<2.0	1		µg/L	GE	0
		Tin, total recoverable				<50	1		µg/L	GE	0
		Toluene				<2.0	1		µg/L	GE	0
		Total activity				2.3E+04	50	UI	pCi/L	EM	0
		Total dissolved solids				130,000	1		µg/L	GE	
		Total organic carbon				2,300	1	V	µg/L	GE	0
		Total organic halogens				<10	1		µg/L	GE	0
		Total phosphates (as P)				60	1		µg/L	GE	
		Toxaphene				<1.0	1		µg/L	GE	0
		2,4,5-TP (Silvex)				<0.026	1		µg/L	GE	0
		1,1,1-Trichloroethane				<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane				<2.0	1		µg/L	GE	0
		Trichloroethylene				<2.0	1		µg/L	GE	0
		Trichlorofluoromethane				<2.0	1		µg/L	GE	0
		Tritium				*-2.6E-01*	1	UI	pCi/mL	GP	0
		Turbidity				1.1	1		NTU	GE	
		Vanadium, total recoverable				<10	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGO 52B

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N74627.3 E57189.8	33.284139 °N 81.661170 °W	136.7-126.7 ft msl	284.4 ft msl	2" PVC	V	McBean (IIB1)

SAMPLE DATE				10/18/95	
FIELD DATA					
Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation				228.7	ft msl
pH					pH
Sp. conductance					µS/cm
Water temperature					°C
Alkalinity as $CaCO_3$					mg/L
Turbidity					NTU
Volume purged					well volume
Sampling code				P	

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGO 52C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N74622.0 E57195.5	33.284136 °N 81.661145 °W	188.7-178.7 ft msl	284.5 ft msl	2" PVC	V	Barnwell (IIB1)

SAMPLE DATE 10/18/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation				229.9	ft msl
pH				5.4	pH
Sp. conductance				21	µS/cm
Water temperature				19.7	°C
Alkalinity as $CaCO_3$				2	mg/L
Turbidity				0	NTU
Volume purged				2.1	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Alkalinity (as $CaCO_3$)				<5,000	1		µg/L	GE	0
		Aluminum, total recoverable				<20	1		µg/L	GE	0
		Antimony, total recoverable				<5.0	1		µg/L	GE	0
		Arsenic, total recoverable				<5.5	1	V	µg/L	GE	0
		Barium, total recoverable				5.3	1	V	µg/L	GE	0
		Benzene				<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane				<2.0	1		µg/L	GE	0
		Bromoform				<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)				<2.0	1		µg/L	GE	0
		Cadmium, total recoverable				<2.0	1		µg/L	GE	0
		Calcium, total recoverable				1,200	1		µg/L	GE	
		Carbon tetrachloride				<2.0	1		µg/L	GE	0
		Carbon-14				*1.4E+00*	1	UI	pCi/L	GP	0
		Chloride				2,100	1		µg/L	GE	0
		Chlorobenzene				<2.0	1		µg/L	GE	0
		Chloroethane				<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)				<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether				<10	1		µg/L	GE	0
		Chloroform				<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)				<2.0	1		µg/L	GE	0
		Chromium, total recoverable				1.7	1	J	µg/L	GE	0
		Dibromochloromethane				<2.0	1		µg/L	GE	0
		1,1-Dichloroethane				<2.0	1		µg/L	GE	0
		1,2-Dichloroethane				<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene				<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene				<2.0	1		µg/L	GE	0
		Dichloromethane				<1.9	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid				<0.051	1		µg/L	GE	0
		1,2-Dichloropropane				<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene				<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene				<2.0	1		µg/L	GE	0
		Endrin				<0.051	1	J2	µg/L	GE	0
		Ethylbenzene				<2.0	1		µg/L	GE	0
		Fluoride				<100	1		µg/L	GE	0
		Gross alpha				*2.2E-01*	1	UI	pCi/L	GP	0
		Iron, total recoverable				<18	1		µg/L	GE	0
		Lead, total recoverable				<5.0	1		µg/L	GE	0
		Lindane				<0.025	1	J2	µg/L	GE	0
		Lithium, total recoverable				<25	1		µg/L	GE	0
		Magnesium, total recoverable				330	1		µg/L	GE	
		Manganese, total recoverable				37	1	V	µg/L	GE	1
		Mercury, total recoverable				0.045	1	J	µg/L	GE	0
		Methoxychlor				<0.51	1	J2	µg/L	GE	0
		Nickel, total recoverable				1.2	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen				370	1	V	µg/L	GE	0
		Nonvolatile beta				*6.5E-01*	1	UI	pCi/L	GP	0
●		pH				5.6	1	J1	pH	GE	0
		Phenols				48	1		µg/L	GE	1
		Potassium, total recoverable				380	1	J	µg/L	GE	
		Radium, total alpha-emitting				3.0E-01	1	I	pCi/L	GP	0
		Selenium, total recoverable				<5.0	1		µg/L	GE	0
		Silica, total recoverable				13,000	1	V	µg/L	GE	
		Silver, total recoverable				<2.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Sodium, total recoverable				1,700	1	V	µg/L	GE	
		Specific conductance				21	1		µS/cm	GE	0
		Sulfate				470	1	J	µg/L	GE	0
		1,1,2,2-Tetrachloroethane				<2.0	1		µg/L	GE	0
		Tetrachloroethylene				<2.0	1		µg/L	GE	0
		Tin, total recoverable				1.4	1	J	µg/L	GE	0
		Toluene				<2.0	1		µg/L	GE	0
		Total activity				*-2.6E+04*	50	UI	pCi/L	EM	0
		Total dissolved solids				24,000	1		µg/L	GE	
		Total organic carbon				<400	1	JV	µg/L	GE	0
		Total organic halogens				<10	1		µg/L	GE	0
		Total phosphates (as P)				<50	1		µg/L	GE	0
		Toxaphene				<1.0	1	J2	µg/L	GE	0
		2,4,5-TP (Silvex)				<0.026	1		µg/L	GE	0
		1,1,1-Trichloroethane				<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane				<2.0	1		µg/L	GE	0
		Trichloroethylene				<2.0	1		µg/L	GE	0
		Trichlorofluoromethane				<2.0	1		µg/L	GE	0
		Tritium				*4.7E-01*	1	UI	pCi/mL	GP	0
		Turbidity				<0.10	1		NTU	GE	0
		Vanadium, total recoverable				0.26	1	J	µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
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WELL BGO 52D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N74617.3 E57201.4	33.284136 °N 81.661120 °W	239.4-219.4 ft msl	284.8 ft msl	2" PVC	V	Water Table (IIB2)

SAMPLE DATE 10/18/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation				235.4	ft msl
pH				5.6	pH
Sp. conductance				38	µS/cm
Water temperature				20.2	°C
Alkalinity as $CaCO_3$				1	mg/L
Turbidity				2	NTU
Volume purged				3.4	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Alkalinity (as $CaCO_3$)				5,700	1		µg/L	GE	
		Aluminum, total recoverable				28	1		µg/L	GE	1
		Antimony, total recoverable				<5.0	1		µg/L	GE	0
		Arsenic, total recoverable				<5.4	1	V	µg/L	GE	0
		Barium, total recoverable				8.7	1	V	µg/L	GE	0
		Benzene				<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane				<2.0	1		µg/L	GE	0
		Bromoform				<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)				<2.0	1		µg/L	GE	0
		Cadmium, total recoverable				<2.0	1		µg/L	GE	0
		Calcium, total recoverable				1,600	1		µg/L	GE	
		Carbon tetrachloride				<2.0	1		µg/L	GE	0
		Carbon-14				*1.2E+00*	1	UI	pCi/L	GP	0
		Chloride				1,600	1		µg/L	GE	0
		Chlorobenzene				<2.0	1		µg/L	GE	0
		Chloroethane				<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)				<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether				<10	1		µg/L	GE	0
		Chloroform				<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)				<2.0	1		µg/L	GE	0
		Chromium, total recoverable				3.5	1	J	µg/L	GE	0
		Dibromochloromethane				<2.0	1		µg/L	GE	0
		1,1-Dichloroethane				<2.0	1		µg/L	GE	0
		1,2-Dichloroethane				<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene				<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene				<2.0	1		µg/L	GE	0
		Dichloromethane				<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid				<0.050	1		µg/L	GE	0
		1,2-Dichloropropane				<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene				<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene				<2.0	1		µg/L	GE	0
		Endrin				<0.053	1		µg/L	GE	0
		Ethylbenzene				<2.0	1		µg/L	GE	0
		Fluoride				<100	1		µg/L	GE	0
		Gross alpha				*2.0E-01*	1	UI	pCi/L	GP	0
		Iron, total recoverable				42	1		µg/L	GE	0
		Lead, total recoverable				<5.0	1		µg/L	GE	0
		Lindane				<0.026	1		µg/L	GE	0
		Lithium, total recoverable				<25	1		µg/L	GE	0
		Magnesium, total recoverable				350	1		µg/L	GE	
		Manganese, total recoverable				37	1	V	µg/L	GE	1
		Mercury, total recoverable				0.040	1	J	µg/L	GE	0
		Methoxychlor				<0.53	1		µg/L	GE	0
		Nickel, total recoverable				3.9	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen				3,300	2	V	µg/L	GE	0
		Nonvolatile beta				*9.9E-01*	1	UI	pCi/L	GP	0
●		pH				5.8	1	J1	pH	GE	0
		Phenols				<5.0	1		µg/L	GE	0
		Potassium, total recoverable				420	1	J	µg/L	GE	
		Radium, total alpha-emitting				8.0E-01	1	I	pCi/L	GP	0
		Selenium, total recoverable				<5.0	1		µg/L	GE	0
		Silica, total recoverable				8,600	1	V	µg/L	GE	
		Silver, total recoverable				<2.0	1		µg/L	GE	0
		Sodium, total recoverable				4,900	1	V	µg/L	GE	
		Specific conductance				42	1		µS/cm	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Sulfate				450	1	J	µg/L	GE	0
		2,4,5-T				<0.053	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane				<2.0	1		µg/L	GE	0
		Tetrachloroethylene				<2.0	1		µg/L	GE	0
		Tin, total recoverable				<50	1		µg/L	GE	0
		Toluene				<2.0	1		µg/L	GE	0
		Total activity				1.2E+04	50	UI	pCi/L	EM	0
		Total dissolved solids				39,000	1		µg/L	GE	
		Total organic carbon				<360	1	JV	µg/L	GE	0
		Total organic halogens				<10	1		µg/L	GE	0
		Total phosphates (as P)				<50	1		µg/L	GE	0
		Toxaphene				<1.1	1		µg/L	GE	0
		2,4,5-TP (Silvex)				<0.025	1		µg/L	GE	0
		1,1,1-Trichloroethane				<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane				<2.0	1		µg/L	GE	0
		Trichloroethylene				<2.0	1		µg/L	GE	0
		Trichlorofluoromethane				<2.0	1		µg/L	GE	0
	■	Tritium				*2.0E+01*	1	I	pCi/mL	GP	2
		Turbidity				5.6	1		NTU	GE	
		Vanadium, total recoverable				0.39	1	J	µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGO 53A

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N76070.8 E55423.9	33.284450 °N 81.668624 °W	88.7-78.7 ft msl	291.43 ft msl	2" PVC	V	U. Congaree (IIA)

SAMPLE DATE 10/16/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation					ft msl
pH				7.6	pH
Sp. conductance				235	µS/cm
Water temperature				22.4	°C
Alkalinity as $CaCO_3$				74	mg/L
Turbidity				3	NTU
Volume purged					well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Alkalinity (as $CaCO_3$)				87,000	1		µg/L	GE	
		Aluminum, total recoverable				<98	1	V	µg/L	GE	0
		Antimony, total recoverable				<1.1	1	JV	µg/L	GE	0
		Arsenic, total recoverable				<7.8	1	V	µg/L	GE	0
		Barium, total recoverable				22	1	V	µg/L	GE	0
		Benzene				<2.0	1		µg/L	GE	0
		Boron, total recoverable				12	1	J	µg/L	GE	0
		Bromodichloromethane				<2.0	1		µg/L	GE	0
		Bromoform				<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)				<2.0	1		µg/L	GE	0
		Cadmium, total recoverable				<2.0	1		µg/L	GE	0
		Calcium, total recoverable				12,000	1		µg/L	GE	
		Carbon tetrachloride				<2.0	1		µg/L	GE	0
		Carbon-14				*-2.0E+00*	1	UI	pCi/L	GP	0
		Chloride				2,700	1		µg/L	GE	0
		Chlorobenzene				<2.0	1		µg/L	GE	0
		Chloroethane				<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)				<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether				<10	1		µg/L	GE	0
		Chloroform				<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)				<2.0	1		µg/L	GE	0
		Chromium, total recoverable				4.0	1	J	µg/L	GE	0
		Dibromochloromethane				<2.0	1		µg/L	GE	0
		1,1-Dichloroethane				<2.0	1		µg/L	GE	0
		1,2-Dichloroethane				<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene				<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene				<2.0	1		µg/L	GE	0
		Dichloromethane				<1.2	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid				<0.050	1		µg/L	GE	0
		1,2-Dichloropropane				<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene				<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene				<2.0	1		µg/L	GE	0
		Endrin				<0.050	1	J	µg/L	GE	0
		Ethylbenzene				<2.0	1		µg/L	GE	0
		Fluoride				260	1		µg/L	GE	0
		Gross alpha				*7.3E-01*	1	UI	pCi/L	GP	0
		Iron, total recoverable				200	1		µg/L	GE	1
		Lead, total recoverable				<5.0	1		µg/L	GE	0
		Lindane				<0.025	1	J	µg/L	GE	0
		Lithium, total recoverable				<25	1		µg/L	GE	0
		Magnesium, total recoverable				520	1		µg/L	GE	
		Manganese, total recoverable				33	1	V	µg/L	GE	1
		Mercury, total recoverable				0.024	1	J	µg/L	GE	0
		Methoxychlor				<0.50	1		µg/L	GE	0
		Nickel, total recoverable				<2.7	1	JV	µg/L	GE	0
		Nitrate-nitrite as nitrogen				<30	1	JV	µg/L	GE	0
		Nonvolatile beta				2.5E+00	1	I	pCi/L	GP	0
●		pH				7.6	1	J1	pH	GE	0
		Phenols				<5.0	1		µg/L	GE	0
		Potassium, total recoverable				2,500	1		µg/L	GE	
		Radium, total alpha-emitting				1.0E+00	1	I	pCi/L	GP	0
		Selenium, total recoverable				1.8	1	J	µg/L	GE	0
		Silica, total recoverable				31,000	1	JV	µg/L	GE	
		Silver, total recoverable				<2.0	1		µg/L	GE	0
		Sodium, total recoverable				42,000	1	V	µg/L	GE	
		Specific conductance				270	1		µS/cm	GE	1

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Sulfate				31,000	5		µg/L	GE	0
		2,4,5-T				<0.052	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane				<2.0	1		µg/L	GE	0
		Tetrachloroethylene				<2.0	1		µg/L	GE	0
		Tin, total recoverable				<50	1		µg/L	GE	0
		Toluene				<2.0	1		µg/L	GE	0
		Total activity				5.9E+03	50	UI	pCi/L	EM	0
		Total dissolved solids				180,000	1		µg/L	GE	
		Total organic carbon				1,200	1		µg/L	GE	0
		Total organic halogens				<10	1		µg/L	GE	0
		Total phosphates (as P)				340	1		µg/L	GE	
		Toxaphene				<1.0	1		µg/L	GE	0
		2,4,5-TP (Silvex)				<0.025	1		µg/L	GE	0
		1,1,1-Trichloroethane				<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane				<2.0	1		µg/L	GE	0
		Trichloroethylene				<2.0	1		µg/L	GE	0
		Trichlorofluoromethane				<2.0	1		µg/L	GE	0
		Tritium				*1.1E-01*	1	UI	pCi/mL	GP	0
●		Turbidity				8.2	1	JV1	NTU	GE	
		Vanadium, total recoverable				0.85	1	J	µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
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WELL BGO 53AA

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N76065.0 E55431.5	33.284450 °N 81.668593 °W	48.9-38.9 ft msl	291.68 ft msl	2" PVC	V	L. Congaree (IIA)

SAMPLE DATE 10/16/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation					ft msl
pH				7.0	pH
Sp. conductance				146	µS/cm
Water temperature				21.1	°C
Alkalinity as $CaCO_3$				63	mg/L
Turbidity				9	NTU
Volume purged					well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Alkalinity (as $CaCO_3$)				60,000	1		µg/L	GE	
		Aluminum, total recoverable				<170	1	V	µg/L	GE	0
		Antimony, total recoverable				<5.0	1		µg/L	GE	0
		Arsenic, total recoverable				<6.2	1	V	µg/L	GE	0
		Barium, total recoverable				32	1	V	µg/L	GE	0
		Benzene				<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane				<2.0	1		µg/L	GE	0
		Bromoform				<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)				<2.0	1		µg/L	GE	0
		Cadmium, total recoverable				<2.0	1		µg/L	GE	0
		Calcium, total recoverable				16,000	1		µg/L	GE	
		Carbon tetrachloride				<2.0	1		µg/L	GE	0
		Carbon-14				*-2.6E+00*	1	UI	pCi/L	GP	0
		Chloride				2,300	1		µg/L	GE	0
		Chlorobenzene				<2.0	1		µg/L	GE	0
		Chloroethane				<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)				<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether				<10	1		µg/L	GE	0
		Chloroform				<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)				<2.0	1		µg/L	GE	0
		Chromium, total recoverable				0.94	1	J	µg/L	GE	0
		Dibromochloromethane				<2.0	1		µg/L	GE	0
		1,1-Dichloroethane				<2.0	1		µg/L	GE	0
		1,2-Dichloroethane				<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene				<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene				<2.0	1		µg/L	GE	0
		Dichloromethane				<1.2	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid				<0.052	1		µg/L	GE	0
		1,2-Dichloropropane				<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene				<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene				<2.0	1		µg/L	GE	0
		Endrin				<0.050	1	J	µg/L	GE	0
		Ethylbenzene				<2.0	1		µg/L	GE	0
		Fluoride				140	1		µg/L	GE	0
		Gross alpha				1.5E+00	1	I	pCi/L	GP	0
		Iron, total recoverable				250	1		µg/L	GE	1
		Lead, total recoverable				<5.0	1		µg/L	GE	0
		Lindane				<0.025	1	J	µg/L	GE	0
		Lithium, total recoverable				<25	1		µg/L	GE	0
		Magnesium, total recoverable				880	1		µg/L	GE	
		Manganese, total recoverable				79	1	V	µg/L	GE	2
		Mercury, total recoverable				<0.20	1		µg/L	GE	0
		Methoxychlor				<0.50	1		µg/L	GE	0
		Nickel, total recoverable				<0.98	1	JV	µg/L	GE	0
		Nitrate-nitrite as nitrogen				<10	1	JV	µg/L	GE	0
		Nonvolatile beta				*9.5E-01*	1	UI	pCi/L	GP	0
●		pH				6.9	1	J1	pH	GE	0
		Phenols				<5.0	1		µg/L	GE	0
		Potassium, total recoverable				820	1		µg/L	GE	
		Radium, total alpha-emitting				*0.0E+00*	1	UI	pCi/L	GP	0
		Selenium, total recoverable				1.5	1	J	µg/L	GE	0
		Silica, total recoverable				37,000	1	JV	µg/L	GE	
		Silver, total recoverable				<2.0	1		µg/L	GE	0
		Sodium, total recoverable				15,000	1	V	µg/L	GE	
		Specific conductance				160	1		µS/cm	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Sulfate				12,000	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane				<2.0	1		µg/L	GE	0
		Tetrachloroethylene				<2.0	1		µg/L	GE	0
		Tin, total recoverable				1.3	1	J	µg/L	GE	0
		Toluene				<2.0	1		µg/L	GE	0
		Total activity				*1.3E+03*	50	UI	pCi/L	EM	0
		Total dissolved solids				120,000	1		µg/L	GE	
		Total organic carbon				780	1	J	µg/L	GE	0
		Total organic halogens				7.1	1	J	µg/L	GE	0
		Total phosphates (as P)				180	1		µg/L	GE	
		Toxaphene				<1.0	1		µg/L	GE	0
		2,4,5-TP (Silvex)				<0.026	1		µg/L	GE	0
		1,1,1-Trichloroethane				<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane				<2.0	1		µg/L	GE	0
		Trichloroethylene				<2.0	1		µg/L	GE	0
		Trichlorofluoromethane				<2.0	1		µg/L	GE	0
		Tritium				*1.9E-01*	1	UI	pCi/mL	GP	0
●		Turbidity				17	1	JV1	NTU	GE	
		Vanadium, total recoverable				0.62	1	J	µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WELL BGO 53B

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N76076.6 E55416.2	33.284450 °N 81.668656 °W	153.5-143.5 ft msl	291.1 ft msl	2" PVC	V	McBean (IIB1)

SAMPLE DATE 10/16/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation				227.0	ft msl
pH				8.1	pH
Sp. conductance				274	µS/cm
Water temperature				20.5	°C
Alkalinity as $CaCO_3$				89	mg/L
Turbidity				6	NTU
Volume purged				4.0	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Aldrin				<0.025	1	J	µg/L	GE	0
		Alkalinity (as $CaCO_3$)				130,000	1		µg/L	GE	
		Aluminum, total recoverable				<140	1	V	µg/L	GE	0
		Antimony, total recoverable				<5.0	1		µg/L	GE	0
		Arsenic, total recoverable				<4.1	1	JV	µg/L	GE	0
		Barium, total recoverable				48	1	V	µg/L	GE	0
		Benzene				<2.0	1		µg/L	GE	0
		Boron, total recoverable				12	1	J	µg/L	GE	0
		Bromodichloromethane				<2.0	1		µg/L	GE	0
		Bromoform				<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)				<2.0	1		µg/L	GE	0
		Cadmium, total recoverable				<2.0	1		µg/L	GE	0
		Calcium, total recoverable				43,000	1		µg/L	GE	
		Carbon tetrachloride				<2.0	1		µg/L	GE	0
		Carbon-14				*-9.4E-01*	1	UI	pCi/L	GP	0
		Chloride				25,000	5		µg/L	GE	0
		Chlorobenzene				<2.0	1		µg/L	GE	0
		Chloroethane				<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)				<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether				<10	1		µg/L	GE	0
		Chloroform				<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)				<2.0	1		µg/L	GE	0
		Chromium, total recoverable				2.4	1	J	µg/L	GE	0
		p,p'-DDT				<0.10	1	J	µg/L	GE	0
		Dibromochloromethane				<2.0	1		µg/L	GE	0
		1,1-Dichloroethane				<2.0	1		µg/L	GE	0
		1,2-Dichloroethane				<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene				<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene				<2.0	1		µg/L	GE	0
		Dichloromethane				<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid				<0.050	1		µg/L	GE	0
		1,2-Dichloropropane				<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene				<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene				<2.0	1		µg/L	GE	0
		Dieldrin				<0.050	1	J	µg/L	GE	0
		Endrin				<0.050	1	J	µg/L	GE	0
		Ethylbenzene				<2.0	1		µg/L	GE	0
		Fluoride				<100	1		µg/L	GE	0
		Gross alpha				*6.7E-01*	1	UI	pCi/L	GP	0
		Heptachlor				<0.050	1	J	µg/L	GE	0
		Iron, total recoverable				230	1		µg/L	GE	1
		Lead, total recoverable				<5.0	1		µg/L	GE	0
		Lindane				<0.025	1	J	µg/L	GE	0
		Lithium, total recoverable				<25	1		µg/L	GE	0
		Magnesium, total recoverable				1,200	1	J3	µg/L	GE	
		Manganese, total recoverable				75	1	V	µg/L	GE	2
		Mercury, total recoverable				0.029	1	J	µg/L	GE	0
		Methoxychlor				<0.50	1		µg/L	GE	0
		Nickel, total recoverable				<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen				170	1	V	µg/L	GE	0
		Nonvolatile beta				2.4E+00	1	I	pCi/L	GP	0
●		pH				7.8	1	J1	pH	GE	0
		Phenols				<5.0	1		µg/L	GE	0
		Potassium, total recoverable				1,200	1		µg/L	GE	
		Radium, total alpha-emitting				8.0E-01	1	I	pCi/L	GP	0
		Selenium, total recoverable				2.3	1	J	µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable				42,000	1	JV	µg/L	GE	
		Silver, total recoverable				<2.0	1		µg/L	GE	0
		Sodium, total recoverable				19,000	1	JV3	µg/L	GE	
		Specific conductance				310	1		µS/cm	GE	1
		Sulfate				70,000	5		µg/L	GE	0
		1,1,2,2-Tetrachloroethane				<2.0	1		µg/L	GE	0
		Tetrachloroethylene				<2.0	1		µg/L	GE	0
		Tin, total recoverable				<50	1		µg/L	GE	0
		Toluene				<2.0	1		µg/L	GE	0
		Total activity				*-2.1E+03*	50	UI	pCi/L	EM	0
		Total dissolved solids				200,000	1		µg/L	GE	
		Total organic carbon				1,100	1		µg/L	GE	0
		Total organic halogens				<10	1		µg/L	GE	0
		Total phosphates (as P)				60	1		µg/L	GE	
		Toxaphene				<1.0	1		µg/L	GE	0
		2,4,5-TP (Silvex)				<0.025	1		µg/L	GE	0
		1,1,1-Trichloroethane				<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane				<2.0	1		µg/L	GE	0
		Trichloroethylene				<2.0	1		µg/L	GE	0
		Trichlorofluoromethane				<2.0	1		µg/L	GE	0
		Tritium				*2.4E-01*	1	UI	pCi/mL	GP	0
●		Turbidity				9.7	1	JV1	NTU	GE	
		Vanadium, total recoverable				1.1	1	J	µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGO 53C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N76082.5 E55408.3	33.284450 °N 81.668688 °W	193.2-183.2 ft msl	290.9 ft msl	2" PVC	V	Barnwell (IIB1)

SAMPLE DATE 10/16/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation				223.2	ft msl
pH				8.4	pH
Sp. conductance				123	µS/cm
Water temperature				20.4	°C
Alkalinity as $CaCO_3$				41	mg/L
Turbidity				1	NTU
Volume purged				2.7	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Alkalinity (as $CaCO_3$)				60,000	1		µg/L	GE	
		Aluminum, total recoverable				<22	1	V	µg/L	GE	0
		Antimony, total recoverable				<5.0	1		µg/L	GE	0
		Arsenic, total recoverable				<2.9	1	JV	µg/L	GE	0
		Barium, total recoverable				11	1	V	µg/L	GE	0
		Benzene				<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane				<2.0	1		µg/L	GE	0
		Bromoform				<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)				<2.0	1		µg/L	GE	0
		Cadmium, total recoverable				<2.0	1		µg/L	GE	0
		Calcium, total recoverable				24,000	1		µg/L	GE	
		Carbon tetrachloride				<2.0	1		µg/L	GE	0
		Carbon-14				*-6.6E-01*	1	UI	pCi/L	GP	0
		Chloride				6,500	1		µg/L	GE	0
		Chlorobenzene				<2.0	1		µg/L	GE	0
		Chloroethane				<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)				<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether				<10	1		µg/L	GE	0
		Chloroform				<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)				<2.0	1		µg/L	GE	0
		Chromium, total recoverable				2.1	1	J	µg/L	GE	0
		Dibromochloromethane				<2.0	1		µg/L	GE	0
		1,1-Dichloroethane				<2.0	1		µg/L	GE	0
		1,2-Dichloroethane				<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene				<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene				<2.0	1		µg/L	GE	0
		Dichloromethane				<1.0	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid				<0.050	1		µg/L	GE	0
		1,2-Dichloropropane				<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene				<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene				<2.0	1		µg/L	GE	0
		Endrin				<0.050	1	J	µg/L	GE	0
		Ethylbenzene				<2.0	1		µg/L	GE	0
		Fluoride				65	1	J	µg/L	GE	0
		Gross alpha				*2.1E-01*	1	UI	pCi/L	GP	0
		Iron, total recoverable				<18	1		µg/L	GE	0
		Lead, total recoverable				<5.0	1		µg/L	GE	0
		Lindane				<0.025	1	J	µg/L	GE	0
		Lithium, total recoverable				<25	1		µg/L	GE	0
		Magnesium, total recoverable				350	1		µg/L	GE	
		Manganese, total recoverable				<0.43	1	JV	µg/L	GE	0
		Mercury, total recoverable				<0.20	1		µg/L	GE	0
		Methoxychlor				<0.50	1		µg/L	GE	0
		Nickel, total recoverable				<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen				1,100	1	V	µg/L	GE	0
		Nonvolatile beta				*1.0E+00*	1	UI	pCi/L	GP	0
●		pH				8.1	1	J1	pH	GE	1
		Phenols				<5.0	1		µg/L	GE	0
		Potassium, total recoverable				260	1	J	µg/L	GE	
		Radium, total alpha-emitting				*0.0E+00*	1	UI	pCi/L	GP	0
		Selenium, total recoverable				<5.0	1		µg/L	GE	0
		Silica, total recoverable				13,000	1	JV	µg/L	GE	
		Silver, total recoverable				<2.0	1		µg/L	GE	0
		Sodium, total recoverable				1,700	1	V	µg/L	GE	
		Specific conductance				140	1		µS/cm	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Sulfate				10,000	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane				<2.0	1		µg/L	GE	0
		Tetrachloroethylene				<2.0	1		µg/L	GE	0
		Tin, total recoverable				<50	1		µg/L	GE	0
		Toluene				<2.0	1		µg/L	GE	0
		Total activity				*-4.6E+04*	50	UI	pCi/L	EM	0
		Total dissolved solids				94,000	1		µg/L	GE	
		Total organic carbon				530	1	J	µg/L	GE	0
		Total organic halogens				19	1		µg/L	GE	0
		Total phosphates (as P)				40	1	J	µg/L	GE	
		Toxaphene				<1.0	1		µg/L	GE	0
		2,4,5-TP (Silvex)				<0.025	1		µg/L	GE	0
		1,1,1-Trichloroethane				<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane				<2.0	1		µg/L	GE	0
	■	Trichloroethylene				*46*	1		µg/L	GE	2
		Trichlorofluoromethane				<2.0	1		µg/L	GE	0
		Tritium				1.6E+01	1	I	pCi/mL	GP	1
●		Turbidity				2.3	1	JV1	NTU	GE	
		Vanadium, total recoverable				0.35	1	J	µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGO 53D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N76056.0 E55425.5	33.284420 °N 81.668591 °W	245.3-225.3 ft msl	291.6 ft msl	2" PVC	V	Water Table (IIB2)

SAMPLE DATE 10/17/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation				230.4	ft msl
pH				6.7	pH
Sp. conductance				242	µS/cm
Water temperature				17.3	°C
Alkalinity as $CaCO_3$				104	mg/L
Turbidity				551	NTU
Volume purged				1.2	well volume
Sampling code				I	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Benzene				<2.0	1		µg/L	GE	0
		Bromodichloromethane				<2.0	1		µg/L	GE	0
		Bromoform				<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)				<2.0	1		µg/L	GE	0
		Carbon tetrachloride				<2.0	1		µg/L	GE	0
		Chlorobenzene				<2.0	1		µg/L	GE	0
		Chloroethane				<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)				<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether				<10	1		µg/L	GE	0
		Chloroform				<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)				<2.0	1		µg/L	GE	0
		Dibromochloromethane				<2.0	1		µg/L	GE	0
		1,1-Dichloroethane				<2.0	1		µg/L	GE	0
		1,2-Dichloroethane				<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene				<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene				<2.0	1		µg/L	GE	0
		Dichloromethane				<2.0	1		µg/L	GE	0
		1,2-Dichloropropane				<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene				<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene				<2.0	1		µg/L	GE	0
		Ethylbenzene				<2.0	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane				<2.0	1		µg/L	GE	0
		Tetrachloroethylene				<2.0	1		µg/L	GE	0
		Toluene				<2.0	1		µg/L	GE	0
		Total activity				5.6E+04	50	I	pCi/L	EM	
		Total organic carbon				3,500	1	V	µg/L	GE	0
		Total organic halogens				15	1		µg/L	GE	0
		1,1,1-Trichloroethane				<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane				<2.0	1		µg/L	GE	0
		Trichloroethylene				<2.0	1		µg/L	GE	0
		Trichlorofluoromethane				<2.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGX 1A

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N76831.9 E58590.4	33.291300 °N 81.661764 °W	124.1-114.1 ft msl	291.2 ft msl	4" PVC	S	U. Congaree (IIA)

SAMPLE DATE 10/26/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation				158.3	ft msl
pH				12.1	pH
Sp. conductance				1420	µS/cm
Water temperature				17.9	°C
Alkalinity as $CaCO_3$				30	mg/L
Turbidity				10	NTU
Volume purged				0.38	well volume
Sampling code				X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Alkalinity (as $CaCO_3$)				290,000	1		µg/L	GE	
		Antimony, total recoverable				<5.0	1		µg/L	GE	0
		Arsenic, total recoverable				<2.2	1	JV	µg/L	GE	0
		Barium, total recoverable				350	1		µg/L	GE	0
		Benzene				<2.0	1		µg/L	GE	0
		Boron, total recoverable				18	1	J	µg/L	GE	0
		Bromodichloromethane				<2.0	1		µg/L	GE	0
		Bromoform				<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)				<2.0	1		µg/L	GE	0
		Cadmium, total recoverable				0.11	1	J	µg/L	GE	0
		Carbon tetrachloride				<2.0	1		µg/L	GE	0
		Carbon-14				*-2.1E-01*	1	UI	pCi/L	GP	0
		Chlorobenzene				<2.0	1		µg/L	GE	0
		Chloroethane				<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)				<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether				<10	1		µg/L	GE	0
		Chloroform				<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)				<2.0	1		µg/L	GE	0
		Chromium, total recoverable				15	1		µg/L	GE	0
		Dibromochloromethane				<2.0	1		µg/L	GE	0
		1,1-Dichloroethane				<2.0	1		µg/L	GE	0
		1,2-Dichloroethane				<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene				<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene				<2.0	1		µg/L	GE	0
		Dichloromethane				<2.4	1	V	µg/L	GE	0
		1,2-Dichloropropane				<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene				<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene				<2.0	1		µg/L	GE	0
		Ethylbenzene				<2.0	1		µg/L	GE	0
		Gross alpha				2.4E+00	1	I	pCi/L	GP	0
		Lead, total recoverable				14	1		µg/L	GE	0
		Lithium, total recoverable				270	1		µg/L	GE	2
		Mercury, total recoverable				<0.20	1	J	µg/L	GE	0
		Nickel, total recoverable				9.3	1	J	µg/L	GE	0
		Nonvolatile beta				1.1E+01	1	I	pCi/L	GP	0
		Phenols				<5.0	1		µg/L	GE	0
		Radium, total alpha-emitting				3.6E+00	1	I	pCi/L	GP	0
		Selenium, total recoverable				<5.0	1		µg/L	GE	0
		Silver, total recoverable				<2.0	1		µg/L	GE	0
		Sulfate				9,100	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane				<2.0	1		µg/L	GE	0
		Tetrachloroethylene				<2.0	1		µg/L	GE	0
		Tin, total recoverable				<50	1		µg/L	GE	0
		Toluene				<2.0	1		µg/L	GE	0
		Total activity				5.4E+05	1	I	pCi/L	EM	
		Total organic carbon				1,400	1		µg/L	GE	0
		Total organic halogens				5.8	1	J	µg/L	GE	0
		1,1,1-Trichloroethane				<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane				<2.0	1		µg/L	GE	0
		Trichloroethylene				3.6	1		µg/L	GE	1
		Trichlorofluoromethane				<2.0	1		µg/L	GE	0
	■	Tritium				*5.6E+02*	1	I	pCi/mL	GP	2
●		Turbidity				3.8	1	J1	NTU	GE	
		Vanadium, total recoverable				9.9	1	J	µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WELL BGX 1C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N76820.0 E58599.8	33.291289 °N 81.661716 °W	186.0-176.0 ft msl	291.3 ft msl	4" PVC	S	Barnwell (IIB1)

SAMPLE DATE: 01/31/95 | 10/13/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	215.6			216.3	ft msl
pH	13.1			11.1	pH
Sp. conductance	3070			2700	µS/cm
Water temperature	15.6			20.8	°C
Alkalinity as $CaCO_3$	724			70	mg/L
Turbidity	8			6	NTU
Volume purged	0.54			0.53	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				470,000	1		µg/L	GE	
		Aluminum, total recoverable	850						µg/L		
		Antimony, total recoverable	<3.3			<2.3	1	JV	µg/L	GE	0
		Arsenic, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Barium, total recoverable	190			260	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				15	1	J	µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<33			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	150,000						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*7.1E+00*	1	UI	pCi/L	GP	0
		Chloride	650						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<67			7.9	1		µg/L	GE	0
		Copper, total recoverable	<67						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0026						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	87						µg/L		
		Gross alpha	1.8E+00			*9.0E-01*	1	UI	pCi/L	GP	0
		Iron, total recoverable	<67						µg/L		
		Lead, total recoverable	4.3			32	1		µg/L	GE	1
		Lindane	<0.0084						µg/L		
		Lithium, total recoverable				<100	1	V	µg/L	GE	0
		Magnesium, total recoverable	150						µg/L		
		Manganese, total recoverable	<33						µg/L		
		Mercury, total recoverable	<0.33			<0.29	1	V	µg/L	GE	0
		Methoxychlor	<0.84						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<67			1.4	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	510						µg/L		
		Nonvolatile beta	3.8E+00			3.5E+00	1	I	pCi/L	GP	0
		pH	12						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	5,200						µg/L		
		Radium, total alpha-emitting				2.5E+00	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
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H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	2,000						µg/L		
		Silver, total recoverable	<33			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	4,600						µg/L		
		Specific conductance	2,000						µS/cm		
		Sulfate	<1,700			12,000	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<33			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total activity	2.9E+06			4.9E+06	10	I	pCi/L	EM	
		Total dissolved solids	470,000						µg/L		
		Total organic carbon	<1,700			1,800	1	V	µg/L	GE	0
		Total organic halogens	<8.3			60	1		µg/L	GE	2
		Total phosphates (as P)	53						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.7E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	***2.8E+03***			***3.3E+03***	1	I	pCi/mL	GP	2
●		Turbidity	1.8			1.4	1	J1	NTU	GE	
		Vanadium, total recoverable	<130			1.3	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGX 1D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N76809.5 E58608.6	33.291280 °N 81.661673 °W	234.7-214.7 ft msl	291.3 ft msl	4" PVC	S	Water Table (IIB2)

SAMPLE DATE: 01/31/95 | 10/13/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	229.6			230.0	ft msl
pH	6.0			6.0	pH
Sp. conductance	52			81	µS/cm
Water temperature	15.0			24.6	°C
Alkalinity as $CaCO_3$	6			3	mg/L
Turbidity	21			8	NTU
Volume purged	0.51			0.70	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				17,000	1		µg/L	GE	
		Aluminum, total recoverable	180						µg/L		
		Antimony, total recoverable	2.3			<1.9	1	JV	µg/L	GE	0
		Arsenic, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Barium, total recoverable	19			33	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	4,000						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*7.6E+00*	1	UI	pCi/L	GP	0
		Chloride	2,600						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			5.2	1		µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0024						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	31						µg/L		
		Gross alpha	1.5E+00			1.8E+00	1	I	pCi/L	GP	0
		Iron, total recoverable	220						µg/L		
		Lead, total recoverable	9.6			28	1		µg/L	GE	1
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable				<32	1	V	µg/L	GE	0
		Magnesium, total recoverable	840						µg/L		
		Manganese, total recoverable	35						µg/L		
		Mercury, total recoverable	<0.33			<0.066	1	JV	µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			7.4	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	1,100						µg/L		
		Nonvolatile beta	1.7E+00			2.6E+00	1	I	pCi/L	GP	0
		pH	6.2						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	1,500						µg/L		
		Radium, total alpha-emitting				3.9E+00	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
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H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	7,900						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	3,400						µg/L		
		Specific conductance	55						µS/cm		
		Sulfate	<1,700			4,200	1		µg/L	GE	0
		2,4,5-T	<7.2E-04						µg/L		
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total activity	1.5E+06			3.3E+06	10	I	pCi/L	EM	
		Total dissolved solids	31,000						µg/L		
		Total organic carbon	1,200			1,400	1	V	µg/L	GE	0
		Total organic halogens	13			<10	1		µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.2E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	***1.6E+03***			***3.2E+03***	1	I	pCi/mL	GP	2
●		Turbidity	60			67	5	J1	NTU	GE	
		Vanadium, total recoverable	<13			1.8	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

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WELL BGX 2B

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N77203.4 E58256.5	33.291577 °N 81.663365 °W	147.2-137.2 ft msl	291.3 ft msl	4" PVC	S	McBean (IIB1)

SAMPLE DATE: 01/31/95 (1Q95); 10/13/95 (4Q95)

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	212.0			213.1	ft msl
pH	8.0			5.9	pH
Sp. conductance	239			158	µS/cm
Water temperature	15.5			20.4	°C
Alkalinity as $CaCO_3$	102			69	mg/L
Turbidity	3			34	NTU
Volume purged	1.0			0.96	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				110,000	1		µg/L	GE	
		Aluminum, total recoverable	37						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Barium, total recoverable	62			76	1	V	µg/L	GE	0
●		Benzene	<1.7			<2.0	1	J1	µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
●		Bromodichloromethane	<1.7			<2.0	1	J1	µg/L	GE	0
●		Bromoform	<1.7			<2.0	1	J1	µg/L	GE	0
●		Bromomethane (Methyl bromide)	<1.7			<2.0	1	J1	µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	47,000						µg/L		
●		Carbon tetrachloride	<1.7			<2.0	1	J1	µg/L	GE	0
		Carbon-14				*-7.5E+00*	1	UI	pCi/L	GP	0
		Chloride	2,000						µg/L		
●		Chlorobenzene	<1.7			<2.0	1	J1	µg/L	GE	0
●		Chloroethane	<1.7			<2.0	1	J1	µg/L	GE	0
●		Chloroethene (Vinyl chloride)	<1.7			<2.0	1	J1	µg/L	GE	0
●		2-Chloroethyl vinyl ether	<1.7			<10	1	J1	µg/L	GE	0
●		Chloroform	<1.7			<2.0	1	J1	µg/L	GE	0
●		Chloromethane (Methyl chloride)	<1.7			<2.0	1	J1	µg/L	GE	0
		Chromium, total recoverable	<6.7			7.4	1		µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
●		Dibromochloromethane	<1.7			<2.0	1	J1	µg/L	GE	0
●		1,1-Dichloroethane	<1.7			<2.0	1	J1	µg/L	GE	0
●		1,2-Dichloroethane	<1.7			<2.0	1	J1	µg/L	GE	0
●		1,1-Dichloroethylene	<1.7			<2.0	1	J1	µg/L	GE	0
●		trans-1,2-Dichloroethylene	<1.7			<2.0	1	J1	µg/L	GE	0
●		Dichloromethane	<1.7			<2.0	1	J1	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.50						µg/L		
●		1,2-Dichloropropane	<1.7			<2.0	1	J1	µg/L	GE	0
●		cis-1,3-Dichloropropene	<1.7			<2.0	1	J1	µg/L	GE	0
●		trans-1,3-Dichloropropene	<1.7			<2.0	1	J1	µg/L	GE	0
		Endrin	<0.010						µg/L		
●		Ethylbenzene	<1.7			<2.0	1	J1	µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	*3.5E-01*			*2.7E-01*	1	UI	pCi/L	GP	0
		Iron, total recoverable	86						µg/L		
		Lead, total recoverable	<5.0			18	1		µg/L	GE	0
		Lindane	<0.0084						µg/L		
	°	Lithium, total recoverable				<25	1		µg/L	GE	0
		Magnesium, total recoverable	630						µg/L		
		Manganese, total recoverable	3.2						µg/L		
		Mercury, total recoverable	<0.33			0.015	1	J	µg/L	GE	0
		Methoxychlor	<0.84						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			2.0	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	600						µg/L		
		Nonvolatile beta	*8.6E-01*			*1.1E+00*	1	UI	pCi/L	GP	0
		pH	7.7						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	640						µg/L		
		Radium, total alpha-emitting				*1.0E-01*	1	UI	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	27,000						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	3,400						µg/L		
		Specific conductance	240						µS/cm		
		Sulfate	2,900			3,000	1		µg/L	GE	0
●		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1	J1	µg/L	GE	0
●		Tetrachloroethylene	<1.7			<2.0	1	J1	µg/L	GE	0
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
●		Toluene	<1.7			<2.0	1	J1	µg/L	GE	0
		Total dissolved solids	150,000						µg/L		
		Total organic carbon	1,700			2,300	1		µg/L	GE	0
		Total organic halogens	6.8			21	1		µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.4E-04						µg/L		
●		1,1,1-Trichloroethane	<1.7			<2.0	1	J1	µg/L	GE	0
●		1,1,2-Trichloroethane	<1.7			<2.0	1	J1	µg/L	GE	0
●		Trichloroethylene	<1.7			2.8	1	J1	µg/L	GE	1
●		Trichlorofluoromethane	<1.7			<2.0	1	J1	µg/L	GE	0
	■	Tritium	3.8E+00			***4.1E+01***	1	I	pCi/mL	GP	2
●		Turbidity	8.3			4.3	1	J1	NTU	GE	
		Vanadium, total recoverable	<13			3.2	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

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WELL BGX 2D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N77192.4 E58265.6	33.291567 °N 81.663320 °W	191.1-181.1 ft msl	291.1 ft msl	4" PVC	S	Barnwell (IIB1)

SAMPLE DATE 01/31/95 10/26/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	214.7			215.6	ft msl
pH	5.9			5.8	pH
Sp. conductance	32			208	µS/cm
Water temperature	15.5			17.8	°C
Alkalinity as $CaCO_3$	1			6	mg/L
Turbidity	2			4	NTU
Volume purged	0.91			0.80	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				5,300	1		µg/L	GE	
		Aluminum, total recoverable	48						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			3.2	1	J	µg/L	GE	0
		Barium, total recoverable	5.2			5.8	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				13	1	J	µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	2,600						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*3.1E+00*	1	UI	pCi/L	GP	0
		Chloride	<420						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			<4.0	1		µg/L	GE	0
		Copper, total recoverable	16						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<1.4	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.011						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	*2.4E-01*			*1.7E-01*	1	UI	pCi/L	GP	0
		Iron, total recoverable	49						µg/L		
		Lead, total recoverable	5.3			12	1	V	µg/L	GE	0
		Lindane	<0.0089						µg/L		
		Lithium, total recoverable				<22	1	JV	µg/L	GE	0
		Magnesium, total recoverable	430						µg/L		
		Manganese, total recoverable	9.6						µg/L		
		Mercury, total recoverable	<0.33			<0.15	1	JV	µg/L	GE	0
		Methoxychlor	<0.89						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			1.7	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	1,500						µg/L		
		Nonvolatile beta	*4.6E-01*			*6.0E-01*	1	UI	pCi/L	GP	0
		pH	5.6						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	<830						µg/L		
		Radium, total alpha-emitting				*0.0E+00*	1	UI	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
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H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	8,800						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	1,600						µg/L		
		Specific conductance	33						µS/cm		
		Sulfate	<1,700			<1,000	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	1.1			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	20,000						µg/L		
		Total organic carbon	<1,700			810	1	J	µg/L	GE	0
		Total organic halogens	20			2.6	1	J	µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.43						µg/L		
		2,4,5-TP (Silvex)	<7.5E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
	■	Trichloroethylene	***17***			***12***	1		µg/L	GE	2
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	***1.0E+02***			***1.1E+02***	1	I	pCi/mL	GP	2
		Turbidity	1.4			1.2	1		NTU	GE	
		Vanadium, total recoverable	<13			0.64	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

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WELL BGX 3D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N77577.0 E57780.1	33.291626 °N 81.665346 °W	221.6-201.6 ft msl	291.2 ft msl	4" PVC	S	Barnwell (IIB1)

SAMPLE DATE: 02/03/95 (1Q95); 10/16/95 (4Q95)

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	214.2			215.3	ft msl
pH	5.8			5.5	pH
Sp. conductance	26			24	µS/cm
Water temperature	18.8			20.3	°C
Alkalinity as $CaCO_3$	2			2	mg/L
Turbidity	1			2	NTU
Volume purged	5.8			3.8	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<11						µg/L		
		Aldrin	<0.083						µg/L		
		Alkalinity (as $CaCO_3$)				5,700	1		µg/L	GE	
		Aluminum, total recoverable	24						µg/L		
		Antimony, total recoverable	<3.3			1.7	1	J	µg/L	GE	0
		Arsenic, total recoverable	2.4			<4.8	1	JV	µg/L	GE	0
		Barium, total recoverable	14			14	1	JV	µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	2,100						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*7.1E-01*	1	UI	pCi/L	GP	0
		Chloride	1,900						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	1.6			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			2.4	1	J	µg/L	GE	0
		Copper, total recoverable	16						µg/L		
		Cyanide	<3.1						µg/L		
		p,p'-DDT	<0.17						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Dieldrin	<0.83						µg/L		
		Endrin	<0.0099						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<16						µg/L		
		Gross alpha	*0.0E+00*			*5.3E-01*	1	UI	pCi/L	GP	0
		Heptachlor	<0.083						µg/L		
		Iron, total recoverable	20						µg/L		
		Lead, total recoverable	4.9			2.1	1	J	µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable				<25	1		µg/L	GE	0
		Magnesium, total recoverable	620						µg/L		
		Manganese, total recoverable	17			15	1		µg/L	GE	0
		Mercury, total recoverable	<0.33			0.063	1	J	µg/L	GE	0
		Methoxychlor	<0.53						µg/L		
		Naphthalene	<11						µg/L		
		Nickel, total recoverable	4.7			2.1	1	J	µg/L	GE	0
		Nitrate as nitrogen	700						µg/L		
		Nitrate-nitrite as nitrogen	700						µg/L		
		Nonvolatile beta	*-1.4E-02*			*1.5E+00*	1	UI	pCi/L	GP	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
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H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		pH	6.1						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	620						µg/L		
		Radium, total alpha-emitting				2.0E-01	1	I	pCi/L	GP	0
		Selenium, total recoverable	2.7			<5.0	1		µg/L	GE	0
		Silica, total recoverable	7,800						µg/L		
		Silver, total recoverable	<1.4			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	1,700						µg/L		
		Specific conductance	34						µS/cm		
		Sulfate	400			410	1	J	µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	22			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total activity	1.3E+06			8.7E+05	10	I	pCi/L	EM	
		Total dissolved solids	36,000						µg/L		
		Total organic carbon	<480			16,000	1		µg/L	GE	2
		Total organic halogens	180			<10	1		µg/L	GE	0
		Total phosphates (as P)	9.4						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.5E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	1.4			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	***1.7E+03***			***8.7E+02***	1	I	pCi/mL	GP	2
		Turbidity	0.89			0.98	1	JV1	NTU	GE	
●		Vanadium, total recoverable	<13			0.67	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGX 4A

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N77879.2 E57215.6	33.291373 °N 81.667419 °W	116.8-106.8 ft msl	290.9 ft msl	4" PVC	S	U. Congaree (IIA)

SAMPLE DATE 01/30/95 10/13/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	155.2			155.3	ft msl
pH	8.1			6.3	pH
Sp. conductance	266			254	µS/cm
Water temperature	19.2			20.1	°C
Alkalinity as $CaCO_3$	119			98	mg/L
Turbidity	1			1	NTU
Volume purged	2.6			3.4	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<16						µg/L		
		Alkalinity (as $CaCO_3$)				130,000	1		µg/L	GE	
		Aluminum, total recoverable	36						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			2.1	1	J	µg/L	GE	0
		Barium, total recoverable	67			38	1	V	µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	60,000						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*-5.8E+00*	1	UI	pCi/L	GP	0
		Chloride	2,400						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			<4.0	1		µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<1.3	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0026						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	3.7E+00			*5.1E-01*	1	UI	pCi/L	GP	0
		Iron, total recoverable	27						µg/L		
		Lead, total recoverable	<5.0			2.7	1	J	µg/L	GE	0
		Lindane	<0.0085						µg/L		
		Lithium, total recoverable				<25	1		µg/L	GE	0
		Magnesium, total recoverable	1,300						µg/L		
		Manganese, total recoverable	5.3						µg/L		
		Mercury, total recoverable	<0.33			0.16	1	J	µg/L	GE	0
		Methoxychlor	<0.85						µg/L		
		Naphthalene	<16						µg/L		
		Nickel, total recoverable	<6.7			<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	<83						µg/L		
		Nonvolatile beta	2.8E+00			2.9E+00	1	I	pCi/L	GP	0
		pH	7.9						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	1,900						µg/L		
		Radium, total alpha-emitting				3.0E-01	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
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H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	39,000						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	3,000						µg/L		
		Specific conductance	270						µS/cm		
		Sulfate	7,800			8,400	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	2.7			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	190,000						µg/L		
		Total organic carbon	1,100			1,700	1		µg/L	GE	0
		Total organic halogens	130			8.0	1	J	µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.41						µg/L		
		2,4,5-TP (Silvex)	<7.7E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
		Tritium	*2.2E-01*			*-3.6E-01*	1	UI	pCi/mL	GP	0
●		Turbidity	0.69			1.4	1	J1	NTU	GE	
		Vanadium, total recoverable	<13			0.42	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
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WELL BGX 4C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N77886.2 E57202.2	33.291367 °N 81.667468 °W	180.7-170.7 ft msl	290.8 ft msl	4" PVC	S	McBean (IIB1)

SAMPLE DATE 01/30/95 10/13/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	213.5			214.7	ft msl
pH	6.7			5.0	pH
Sp. conductance	66			56	µS/cm
Water temperature	18.5			20.1	°C
Alkalinity as $CaCO_3$	20			15	mg/L
Turbidity	1			1	NTU
Volume purged	5.4			5.0	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				23,000	1		µg/L	GE	
		Aluminum, total recoverable	<33						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Barium, total recoverable	6.7			5.8	1	V	µg/L	GE	0
	■	Benzene	<1.7			*46*	1		µg/L	GE	2
		Boron, total recoverable				<26	1	V	µg/L	WA	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			0.21	1	J	µg/L	GE	0
		Calcium, total recoverable	9,600						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*3.0E+00*	1	UI	pCi/L	GP	0
		Chloride	1,900						µg/L		
		Chlorobenzene	<1.7			56	1		µg/L	GE	1
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			1.4	1	J	µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
	■	1,1-Dichloroethylene	<1.7			*49*	1		µg/L	GE	2
		1,2-Dichloroethylene				<5.0	1		µg/L	WA	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<1.1	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	27						µg/L		
		Gross alpha	*-4.7E-02*			1.3E+00	1	JI2	pCi/L	TM	0
		Iron, total recoverable	4.7						µg/L		
		Lead, total recoverable	<5.0			11	1		µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable				<1.2	1		µg/L	WA	0
		Magnesium, total recoverable	560						µg/L		
		Manganese, total recoverable	2.6						µg/L		
		Mercury, total recoverable	<0.33			0.13	1	J	µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			1.3	1	J	µg/L	WA	0
		Nitrate-nitrite as nitrogen	700						µg/L		
		Nonvolatile beta	*6.2E-01*			3.3E+00	1	I	pCi/L	TM	0
		pH	6.6						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	<830						µg/L		
		Radium, total alpha-emitting				2.0E-01	1	I	pCi/L	GP	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
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H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Silica, total recoverable	11,000						µg/L		
		Silver, total recoverable	<3.3			<1.4	1		µg/L	WA	0
		Sodium, total recoverable	2,700						µg/L		
		Specific conductance	69						µS/cm		
		Sulfate	<1,700			740	1	J	µg/L	WA	0
		2,4,5-T	<7.6E-04						µg/L		
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<1.9	1	JV	µg/L	WA	0
		Toluene	<1.7			58	1		µg/L	GE	0
		Total dissolved solids	52,000						µg/L		
		Total organic carbon	<1,700			17,000	1		µg/L	GE	2
		Total organic halogens	<8.3			99	1		µg/L	GE	2
		Total phosphates (as P)	59						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.6E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
	■	Trichloroethylene	2.3			*48*	1		µg/L	GE	2
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
		Tritium	3.3E+00			4.5E+00	1	I	pCi/mL	GP	0
●		Turbidity	0.67			1.9	1	J1	NTU	GE	
		Vanadium, total recoverable	<13			0.83	1	J	µg/L	GE	0
		Xylenes	<3.3			<5.0	1		µg/L	WA	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGX 4D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N77893.9 E57186.2	33.291358 °N 81.667525 °W	223.8-203.8 ft msl	290.9 ft msl	4" PVC	S	Barnwell (IIB1)

SAMPLE DATE: 01/30/95 (1Q95); 10/13/95 (4Q95)

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	214.6			215.8	ft msl
pH	5.9			3.9	pH
Sp. conductance	37			31	µS/cm
Water temperature	18.5			19.4	°C
Alkalinity as $CaCO_3$	3			1	mg/L
Turbidity	1			1	NTU
Volume purged	5.6			17	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				<5,000	1		µg/L	GE	0
		Aluminum, total recoverable	25						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Barium, total recoverable	10			9.3	1	V	µg/L	GE	0
●		Benzene	<1.7			<2.0	1	J1	µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
●		Bromodichloromethane	<1.7			<2.0	1	J1	µg/L	GE	0
●		Bromoform	<1.7			<2.0	1	J1	µg/L	GE	0
●		Bromomethane (Methyl bromide)	<1.7			<2.0	1	J1	µg/L	GE	0
		Cadmium, total recoverable	<3.3			0.52	1	J	µg/L	GE	0
		Calcium, total recoverable	2,300						µg/L		
●		Carbon tetrachloride	<1.7			<2.0	1	J1	µg/L	GE	0
		Carbon-14				*-2.3E+00*	1	UI	pCi/L	GP	0
		Chloride	2,100						µg/L		
●		Chlorobenzene	<1.7			<2.0	1	J1	µg/L	GE	0
●		Chloroethane	<1.7			<2.0	1	J1	µg/L	GE	0
●		Chloroethene (Vinyl chloride)	<1.7			<2.0	1	J1	µg/L	GE	0
●		2-Chloroethyl vinyl ether	<1.7			<10	1	J1	µg/L	GE	0
●		Chloroform	<1.7			<2.0	1	J1	µg/L	GE	0
●		Chloromethane (Methyl chloride)	<1.7			<2.0	1	J1	µg/L	GE	0
		Chromium, total recoverable	<6.7			<4.0	1		µg/L	GE	0
		Copper, total recoverable	4.9						µg/L		
		Cyanide	<8.3						µg/L		
●		Dibromochloromethane	<1.7			<2.0	1	J1	µg/L	GE	0
●		1,1-Dichloroethane	<1.7			<2.0	1	J1	µg/L	GE	0
●		1,2-Dichloroethane	<1.7			<2.0	1	J1	µg/L	GE	0
●		1,1-Dichloroethylene	<1.7			<2.0	1	J1	µg/L	GE	0
●		trans-1,2-Dichloroethylene	<1.7			<2.0	1	J1	µg/L	GE	0
●		Dichloromethane	<1.7			<2.0	1	J1	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
●		1,2-Dichloropropane	<1.7			<2.0	1	J1	µg/L	GE	0
●		cis-1,3-Dichloropropene	<1.7			<2.0	1	J1	µg/L	GE	0
●		trans-1,3-Dichloropropene	<1.7			<2.0	1	J1	µg/L	GE	0
		Endrin	<0.010						µg/L		
●		Ethylbenzene	<1.7			<2.0	1	J1	µg/L	GE	0
		Fluoride	30						µg/L		
		Gross alpha	*6.1E-01*			9.6E-01	1	I	pCi/L	GP	0
		Iron, total recoverable	20						µg/L		
		Lead, total recoverable	<5.0			19	1		µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable				<25	1		µg/L	GE	0
		Magnesium, total recoverable	600						µg/L		
		Manganese, total recoverable	15						µg/L		
		Mercury, total recoverable	<0.33			0.093	1	J	µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	1,500						µg/L		
		Nonvolatile beta	*7.3E-01*			*7.6E-01*	1	UI	pCi/L	GP	0
		pH	5.9						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	<830						µg/L		
		Radium, total alpha-emitting				2.0E-01	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
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H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	8,500						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	3,900						µg/L		
		Specific conductance	40						µS/cm		
		Sulfate	<1,700			150	1	J	µg/L	GE	0
●		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1	J1	µg/L	GE	0
●		Tetrachloroethylene	<1.7			<2.0	1	J1	µg/L	GE	0
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
●		Toluene	<1.7			<2.0	1	J1	µg/L	GE	0
		Total dissolved solids	36,000						µg/L		
		Total organic carbon	<1,700			870	1	J	µg/L	GE	0
		Total organic halogens	<8.3			8.0	1	J	µg/L	GE	0
		Total phosphates (as P)	51						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.5E-04						µg/L		
●		1,1,1-Trichloroethane	<1.7			<2.0	1	J1	µg/L	GE	0
●		1,1,2-Trichloroethane	<1.7			<2.0	1	J1	µg/L	GE	0
●		Trichloroethylene	1.2			1.2	1	J1	µg/L	GE	0
●		Trichlorofluoromethane	<1.7			<2.0	1	J1	µg/L	GE	0
	■	Tritium	***7.1E+01***			***7.9E+01***	1	I	pCi/mL	GP	2
●		Turbidity	0.38			0.64	1	J1	NTU	GE	
		Vanadium, total recoverable	<13			0.48	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGX 5D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N78402.0 E57308.6	33.292681 °N 81.668190 °W	215.0-195.0 ft msl	285 ft msl	4" PVC	S	Barnwell (IIB1)

SAMPLE DATE	02/13/95	10/17/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	207.7			208.9	ft msl
pH	5.3			5.2	pH
Sp. conductance	51			48	µS/cm
Water temperature	19.0			19.5	°C
Alkalinity as $CaCO_3$	1			1	mg/L
Turbidity	1			1	NTU
Volume purged	4.2			5.2	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<11						µg/L		
		Alkalinity (as $CaCO_3$)				<5,000	1		µg/L	GE	0
		Aluminum, total recoverable	140						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<6.5	1	V	µg/L	GE	0
		Barium, total recoverable	24			23	1	V	µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				59	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	2,500						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*-7.5E-01*	1	UI	pCi/L	GP	0
		Chloride	4,100						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	2.0			<4.0	1		µg/L	GE	0
		Copper, total recoverable	5.9						µg/L		
		Cyanide	120						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	54						µg/L		
		Gross alpha	6.7E+00			3.7E+00	1	I	pCi/L	GP	0
		Iron, total recoverable	38						µg/L		
		Lead, total recoverable	6.5			2.4	1	J	µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable				<25	1		µg/L	GE	0
		Magnesium, total recoverable	1,100						µg/L		
		Manganese, total recoverable	270						µg/L		
		Mercury, total recoverable	0.91			0.028	1	J	µg/L	GE	0
		Methoxychlor	<0.53						µg/L		
		Naphthalene	<11						µg/L		
		Nickel, total recoverable	8.5			6.3	1	JV	µg/L	GE	0
		Nitrate as nitrogen	1,300						µg/L		
		Nitrate-nitrite as nitrogen	1,300						µg/L		
		Nonvolatile beta	5.2E+00			2.9E+00	1	I	pCi/L	GP	0
		pH	5.4						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	1,400						µg/L		
		Radium, total alpha-emitting				2.0E+00	1	I	pCi/L	GP	0

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● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Silica, total recoverable	7,200						µg/L		
		Silver, total recoverable	<0.55			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	3,200						µg/L		
		Specific conductance	55						µS/cm		
		Sulfate	8,800			8,300	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	5.0			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	38,000						µg/L		
		Total organic carbon	<390			480	1	J	µg/L	GE	0
		Total organic halogens	<8.3			<10	1		µg/L	GE	0
		Total phosphates (as P)	<30						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.5E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	1.5			2.5	1		µg/L	GE	0
	■	Tritium	***1.0E+02***			***9.7E+01***	1	I	pCi/mL	GP	2
		Turbidity	2.0			5.9	1	V	NTU	GE	
		Vanadium, total recoverable	<13			<10	1		µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WELL BGX 6D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N78740.1 E57524.9	33.293782 °N 81.668277 °W	211.0-191.0 ft msl	277 ft msl	4" PVC	S	Barnwell (IIB1)

SAMPLE DATE 02/06/95 10/09/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	204.5			205.8	ft msl
pH	6.6			6.3	pH
Sp. conductance	65			62	µS/cm
Water temperature	18.5			19.1	°C
Alkalinity as $CaCO_3$	15			15	mg/L
Turbidity	1			1	NTU
Volume purged	4.9			7.3	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				21,000	1		µg/L	GE	
		Aluminum, total recoverable	<33						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			3.3	1	J	µg/L	GE	0
		Barium, total recoverable	18			19	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				25	1	J	µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	1.2			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<0.32	1	JV	µg/L	GE	0
		Calcium, total recoverable	8,500						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*1.2E+00*	1	UI	pCi/L	GP	0
		Chloride	2,500						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			1.6	1	J	µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<1.2	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0026						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.0097						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	200						µg/L		
		Gross alpha	*4.4E-01*			*-2.0E-01*	1	UI	pCi/L	GP	0
		Iron, total recoverable	13						µg/L		
		Lead, total recoverable	<5.0			7.7	1		µg/L	GE	0
		Lindane	<0.0081						µg/L		
		Lithium, total recoverable				<25	1		µg/L	GE	0
		Magnesium, total recoverable	580						µg/L		
		Manganese, total recoverable	21			17	1	V	µg/L	GE	0
		Mercury, total recoverable	<0.33			<0.16	1	JV	µg/L	GE	0
		Methoxychlor	<0.81						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			4.0	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	830						µg/L		
		Nonvolatile beta	*9.8E-01*			*9.1E-01*	1	UI	pCi/L	GP	0
		pH	6.7						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	620						µg/L		
		Radium, total alpha-emitting				*1.0E-01*	1	UIV	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	9,300						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	2,800						µg/L		
		Specific conductance	68						µS/cm		
		Sulfate	2,200			11,000	1		µg/L	GE	0
		2,4,5-T	<8.3E-04						µg/L		
		1,1,2,2-Tetrachloroethane	1.0			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	57,000						µg/L		
		Total organic carbon	<1,700			16,000	1	V	µg/L	GE	2
		Total organic halogens	<8.3			<10	1		µg/L	GE	0
		Total phosphates (as P)	560						µg/L		
		Toxaphene	<0.39						µg/L		
		2,4,5-TP (Silvex)	<7.7E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
		Tritium	1.5E+01			1.4E+01	1	I	pCi/mL	GP	1
		Turbidity	0.40			0.30	1		NTU	GE	
		Vanadium, total recoverable	<13			1.4	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGX 7D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N78349.3 E58312.8	33.294203 °N 81.665443 °W	214.1-194.1 ft msl	279.2 ft msl	4" PVC	S	Barnwell (IIB1)

SAMPLE DATE 02/06/95 10/09/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	204.6			205.8	ft msl
pH	5.2			4.9	pH
Sp. conductance	18			18	µS/cm
Water temperature	18.0			18.6	°C
Alkalinity as $CaCO_3$	0			0	mg/L
Turbidity	0			1	NTU
Volume purged	8.5			19	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				<5,000	1		µg/L	GE	0
		Aluminum, total recoverable	22						µg/L		
		Antimony, total recoverable	4.0			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			3.1	1	J	µg/L	GE	0
		Barium, total recoverable	6.8			6.0	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	410						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*8.2E+00*	1	UI	pCi/L	GP	0
		Chloride	1,700						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			0.67	1	J	µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<1.3	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	*1.1E+00*			1.3E+00	1	I	pCi/L	GP	0
		Iron, total recoverable	6.1						µg/L		
		Lead, total recoverable	<5.0			2.5	1	J	µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable				<25	1		µg/L	GE	0
		Magnesium, total recoverable	380						µg/L		
		Manganese, total recoverable	6.9						µg/L		
		Mercury, total recoverable	<0.33			<0.19	1	JV	µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	620						µg/L		
		Nonvolatile beta	*1.1E+00*			*9.5E-01*	1	UI	pCi/L	GP	0
		pH	5.3						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	610						µg/L		
		Radium, total alpha-emitting				7.0E-01	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	6,600						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	1,400						µg/L		
		Specific conductance	21						µS/cm		
		Sulfate	<1,700			360	1	J	µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
■		Tetrachloroethylene	<1.7			*6.4*	1		µg/L	GE	2
		Tin, total recoverable	2.5			1.4	1	J	µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total activity	8.2E+05			8.0E+05	1	I	pCi/L	EM	
		Total dissolved solids	21,000						µg/L		
		Total organic carbon	<1,700			<810	1	JV	µg/L	GE	0
		Total organic halogens	<6.7			<10	1		µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.5E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			4.9	1		µg/L	GE	1
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
■		Tritium	*9.0E+02*			*8.4E+02*	1	I	pCi/mL	GP	2
		Turbidity	<0.17			0.47	1		NTU	GE	
		Vanadium, total recoverable	<13			0.46	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WELL BGX 8DR

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N77589.6 E58942.5	33.293550 °N 81.662309 °W	203.1-183.1 ft msl	278.2 ft msl	4" PVC	S	Barnwell (IIB1)

SAMPLE DATE 02/06/95 10/09/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	205.1			205.5	ft msl
pH	6.0			5.3	pH
Sp. conductance	38			29	µS/cm
Water temperature	18.0			19.0	°C
Alkalinity as $CaCO_3$	5			1	mg/L
Turbidity	1			2	NTU
Volume purged	3.0			8.1	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Aldrin	<0.083						µg/L		
		Alkalinity (as $CaCO_3$)				5,700	1		µg/L	GE	
		Aluminum, total recoverable	38						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Barium, total recoverable	32			20	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	9,300						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*2.3E+00*	1	UI	pCi/L	GP	0
		Chloride	2,200						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			1.6	1	J	µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		p,p'-DDT	<0.17						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<1.6	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Dieldrin	<0.83						µg/L		
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	1.2E+00			*5.8E-01*	1	UI	pCi/L	GP	0
	°	Heptachlor	<0.083						µg/L		
		Iron, total recoverable	22						µg/L		
		Lead, total recoverable	3.3			3.6	1	J	µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable				<25	1		µg/L	GE	0
		Magnesium, total recoverable	610						µg/L		
		Manganese, total recoverable	24						µg/L		
		Mercury, total recoverable	<0.33			<0.082	1	JV	µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			1.3	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	1,700						µg/L		
		Nonvolatile beta	1.6E+00			1.6E+00	1	I	pCi/L	GP	0
		pH	5.8						pH		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Phenols	<8.3			50	1		µg/L	GE	2
		Potassium, total recoverable	<830						µg/L		
		Radium, total alpha-emitting				3.0E-01	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Silica, total recoverable	8,300						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	1,900						µg/L		
		Specific conductance	46						µS/cm		
		Sulfate	<1,700			200	1	J	µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
■		Tetrachloroethylene	<1.7			*26*	1		µg/L	GE	2
		Tin, total recoverable	<3.3			1.1	1	J	µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total activity	1.0E+06			1.2E+06	10	I	pCi/L	EM	
		Total dissolved solids	38,000						µg/L		
		Total organic carbon	<1,700			<750	1	JV	µg/L	GE	0
		Total organic halogens	<8.3			<10	1		µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.5E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
■		Trichloroethylene	2.1			*36*	1		µg/L	GE	2
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
■		Tritium	***1.1E+03***			***1.2E+03***	1	I	pCi/mL	GP	2
		Turbidity	0.20			0.85	1		NTU	GE	
		Vanadium, total recoverable	<13			0.26	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGX 9D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N76936.0 E59522.1	33.293050 °N 81.659513 °W	232.4-212.4 ft msl	279.4 ft msl	4" PVC	S	Water Table (IIB2)

SAMPLE DATE	02/06/95			10/09/95	
FIELD DATA					
Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	226.5			226.9	ft msl
pH	5.1			5.0	pH
Sp. conductance	24			25	µS/cm
Water temperature	18.2			19.1	°C
Alkalinity as $CaCO_3$	0			1	mg/L
Turbidity	0			1	NTU
Volume purged	8.4			14	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				<5,000	1		µg/L	GE	0
		Aluminum, total recoverable	47						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			2.6	1	J	µg/L	GE	0
		Barium, total recoverable	5.2			6.0	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	750						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*2.5E+00*	1	UI	pCi/L	GP	0
		Chloride	1,700						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			<4.0	1		µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<1.3	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0026						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.0098						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	3.4E+00			3.0E+00	1	I	pCi/L	GP	0
		Iron, total recoverable	4.8						µg/L		
		Lead, total recoverable	<5.0			<5.0	1		µg/L	GE	0
		Lindane	<0.0082						µg/L		
		Lithium, total recoverable				<25	1		µg/L	GE	0
		Magnesium, total recoverable	460						µg/L		
		Manganese, total recoverable	3.6						µg/L		
		Mercury, total recoverable	<0.33			<0.20	1		µg/L	GE	0
		Methoxychlor	<0.82						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	1,600						µg/L		
		Nonvolatile beta	2.7E+00			*1.3E+00*	1	UI	pCi/L	GP	0
		pH	5.0						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	<830						µg/L		
		Radium, total alpha-emitting				1.3E+00	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
									µg/L		
		Silica, total recoverable	5,700			<2.0	1		µg/L	GE	0
		Silver, total recoverable	<3.3						µg/L		
		Sodium, total recoverable	2,000						µS/cm		
		Specific conductance	25			300	1	J	µg/L	GE	0
		Sulfate	<1,700			<2.0	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<50	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Toluene	<1.7						µg/L		
		Total dissolved solids	33,000			<240	1	JV	µg/L	GE	0
		Total organic carbon	<1,700			<10	1		µg/L	GE	0
		Total organic halogens	12						µg/L		
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.39						µg/L		
		2,4,5-TP (Silvex)	<7.7E-04			<2.0	1		µg/L	GE	0
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			9.6E+00	1	I	pCi/mL	GP	0
		Tritium	1.0E+01			0.64	1		NTU	GE	
		Turbidity	<0.17			0.44	1	J	µg/L	GE	0
		Vanadium, total recoverable	<13						µg/L		
		Xylenes	<3.3								

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGX 10D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N76183.3 E59765.5	33.291783 °N 81.657410 °W	236.2-216.2 ft msl	276.9 ft msl	4" PVC	S	Water Table (IIB2)

SAMPLE DATE 02/07/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	225.4				ft msl
pH	6.0				pH
Sp. conductance	26				µS/cm
Water temperature	15.1				°C
Alkalinity as $CaCO_3$	1				mg/L
Turbidity	43				NTU
Volume purged	0.50				well volume
Sampling code	X				

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Aluminum, total recoverable	550						µg/L		
		Antimony, total recoverable	<3.3						µg/L		
		Arsenic, total recoverable	<3.3						µg/L		
		Barium, total recoverable	15						µg/L		
		Benzene	<1.7						µg/L		
		Bromodichloromethane	<1.7						µg/L		
		Bromoform	<1.7						µg/L		
		Bromomethane (Methyl bromide)	<1.7						µg/L		
		Cadmium, total recoverable	<3.3						µg/L		
		Calcium, total recoverable	890						µg/L		
		Carbon tetrachloride	<1.7						µg/L		
		Chloride	1,700						µg/L		
		Chlorobenzene	<1.7						µg/L		
		Chloroethane	<1.7						µg/L		
		Chloroethene (Vinyl chloride)	<1.7						µg/L		
		2-Chloroethyl vinyl ether	<1.7						µg/L		
		Chloroform	<1.7						µg/L		
		Chloromethane (Methyl chloride)	<1.7						µg/L		
		Chromium, total recoverable	<6.7						µg/L		
		Copper, total recoverable	62						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7						µg/L		
		1,1-Dichloroethane	<1.7						µg/L		
		1,2-Dichloroethane	<1.7						µg/L		
		1,1-Dichloroethylene	<1.7						µg/L		
		trans-1,2-Dichloroethylene	<1.7						µg/L		
		Dichloromethane	<1.7						µg/L		
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7						µg/L		
		cis-1,3-Dichloropropene	<1.7						µg/L		
		trans-1,3-Dichloropropene	<1.7						µg/L		
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7						µg/L		
		Fluoride	<50						µg/L		
		Gross alpha	1.9E+00						pCi/L		
		Iron, total recoverable	640						µg/L		
		Lead, total recoverable	***90***						µg/L		
		Lindane	<0.0083						µg/L		
		Magnesium, total recoverable	800						µg/L		
		Manganese, total recoverable	120						µg/L		
		Mercury, total recoverable	<0.33						µg/L		
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	10						µg/L		
		Nitrate-nitrite as nitrogen	1,500						µg/L		
		Nonvolatile beta	2.5E+00						pCi/L		
		pH	6.0						pH		
		Phenols	<8.3						µg/L		
		Potassium, total recoverable	<830						µg/L		
		Selenium, total recoverable	<3.3						µg/L		
		Silica, total recoverable	6,900						µg/L		
		Silver, total recoverable	<3.3						µg/L		
		Sodium, total recoverable	2,900						µg/L		
		Specific conductance	29						µS/cm		
		Sulfate	<1,700						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		1,1,2,2-Tetrachloroethane	<1.7						µg/L		
		Tetrachloroethylene	<1.7						µg/L		
		Tin, total recoverable	<3.3						µg/L		
		Toluene	<1.7						µg/L		
		Total dissolved solids	43,000						µg/L		
		Total organic carbon	<1,700						µg/L		
		Total organic halogens	<8.3						µg/L		
		Total phosphates (as P)	500						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.5E-04						µg/L		
		1,1,1-Trichloroethane	<1.7						µg/L		
		1,1,2-Trichloroethane	<1.7						µg/L		
		Trichloroethylene	<1.7						µg/L		
		Trichlorofluoromethane	<1.7						µg/L		
		Tritium	1.1E+01						pCi/mL		
		Turbidity	65						NTU		
		Vanadium, total recoverable	<13						µg/L		
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGX 11D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N75300.7 E59581.4	33.289530 °N 81.656180 °W	236.7-216.7 ft msl	276.3 ft msl	4" PVC	S	Water Table (IIB2)

SAMPLE DATE 02/07/95 10/12/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	235.4			235.6	ft msl
pH	4.6			3.7	pH
Sp. conductance	42			45	µS/cm
Water temperature	16.3			20.0	°C
Alkalinity as $CaCO_3$	0			0	mg/L
Turbidity	21			40	NTU
Volume purged	0.73			0.56	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				5,700	1		µg/L	GE	
		Aluminum, total recoverable	250						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			2.9	1	J	µg/L	GE	0
		Barium, total recoverable	8.9			24	1	V	µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				18	1	J	µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			0.12	1	J	µg/L	GE	0
		Calcium, total recoverable	1,600						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*-2.6E+00*	1	UI	pCi/L	GP	0
		Chloride	3,200						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			7.5	1		µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	3.2E+00			3.3E+00	1	I	pCi/L	GP	0
		Iron, total recoverable	130						µg/L		
		Lead, total recoverable	3.3			8.8	1		µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable				<25	1		µg/L	GE	0
		Magnesium, total recoverable	690						µg/L		
		Manganese, total recoverable	<3.3						µg/L		
		Mercury, total recoverable	<0.33			<0.021	1	JV	µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	4.2			1.7	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	1,800						µg/L		
		Nonvolatile beta	2.7E+00			2.5E+00	1	I	pCi/L	GP	0
		pH	5.4						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	<830						µg/L		
		Radium, total alpha-emitting				1.5E+00	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
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H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	6,400						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	2,400						µg/L		
		Specific conductance	37						µS/cm		
		Sulfate	<1,700			220	1	J	µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	2.3			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	41,000						µg/L		
		Total organic carbon	2,000			2,400	1		µg/L	GE	0
		Total organic halogens	<8.3			<10	1		µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.5E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
		Tritium	1.8E+01			1.8E+01	1	I	pCi/mL	GP	1
		Turbidity	190			240	10	V	NTU	GE	
		Vanadium, total recoverable	<13			6.4	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WELL BGX 12C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N74427.9 E59675.3	33.287753 °N 81.654237 °W	184.1-174.1 ft msl	275.1 ft msl	4" PVC	S	Barnwell (IIB1)

SAMPLE DATE 02/02/95 10/13/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	235.3			234.7	ft msl
pH	5.8			4.6	pH
Sp. conductance	27			26	µS/cm
Water temperature	19.1			19.5	°C
Alkalinity as $CaCO_3$	5			6	mg/L
Turbidity	1			1	NTU
Volume purged	3.0			3.4	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				9,900	1		µg/L	GE	
		Aluminum, total recoverable	<33						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Barium, total recoverable	8.4			6.9	1	V	µg/L	GE	0
●		Benzene	<1.7			<2.0	1	J1	µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
●		Bromodichloromethane	<1.7			<2.0	1	J1	µg/L	GE	0
●		Bromoform	<1.7			<2.0	1	J1	µg/L	GE	0
●		Bromomethane (Methyl bromide)	<1.7			<2.0	1	J1	µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	1,100						µg/L		
●		Carbon tetrachloride	<1.7			<2.0	1	J1	µg/L	GE	0
		Carbon-14				*-8.5E+00*	1	UI	pCi/L	GP	0
		Chloride	2,500						µg/L		
●		Chlorobenzene	<1.7			<2.0	1	J1	µg/L	GE	0
●		Chloroethane	<1.7			<2.0	1	J1	µg/L	GE	0
●		Chloroethene (Vinyl chloride)	<1.7			<2.0	1	J1	µg/L	GE	0
●		2-Chloroethyl vinyl ether	<1.7			<10	1	J1	µg/L	GE	0
●		Chloroform	<1.7			<2.0	1	J1	µg/L	GE	0
●		Chloromethane (Methyl chloride)	<1.7			<2.0	1	J1	µg/L	GE	0
		Chromium, total recoverable	<6.7			2.6	1	J	µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
●		Dibromochloromethane	<1.7			<2.0	1	J1	µg/L	GE	0
●		1,1-Dichloroethane	<1.7			<2.0	1	J1	µg/L	GE	0
●		1,2-Dichloroethane	<1.7			<2.0	1	J1	µg/L	GE	0
●		1,1-Dichloroethylene	<1.7			<2.0	1	J1	µg/L	GE	0
●		trans-1,2-Dichloroethylene	<1.7			<2.0	1	J1	µg/L	GE	0
●		Dichloromethane	<1.7			<2.0	1	J1	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
●		1,2-Dichloropropane	<1.7			<2.0	1	J1	µg/L	GE	0
●		cis-1,3-Dichloropropene	<1.7			<2.0	1	J1	µg/L	GE	0
●		trans-1,3-Dichloropropene	<1.7			<2.0	1	J1	µg/L	GE	0
		Endrin	<0.010						µg/L		
●		Ethylbenzene	<1.7			<2.0	1	J1	µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	9.4E-01			*-2.7E-01*	1	UI	pCi/L	GP	0
		Iron, total recoverable	25						µg/L		
		Lead, total recoverable	<5.0			4.6	1	J	µg/L	GE	0
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable				<25	1		µg/L	GE	0
		Magnesium, total recoverable	350						µg/L		
		Manganese, total recoverable	14						µg/L		
		Mercury, total recoverable	<0.33			0.045	1	J	µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	130						µg/L		
		Nonvolatile beta	*8.7E-01*			*6.8E-01*	1	UI	pCi/L	GP	0
		pH	5.5						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	<830						µg/L		
		Radium, total alpha-emitting				*1.0E-01*	1	UI	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	12,000						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	3,400						µg/L		
		Specific conductance	27						µS/cm		
		Sulfate	1,300			700	1	J	µg/L	GE	0
●		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1	J1	µg/L	GE	0
●		Tetrachloroethylene	<1.7			<2.0	1	J1	µg/L	GE	0
		Tin, total recoverable	2.9			<50	1		µg/L	GE	0
●		Toluene	<1.7			<2.0	1	J1	µg/L	GE	0
		Total dissolved solids	27,000						µg/L		
		Total organic carbon	<1,700			390	1	J	µg/L	GE	0
		Total organic halogens	11			10	1		µg/L	GE	0
		Total phosphates (as P)	170						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.5E-04						µg/L		
●		1,1,1-Trichloroethane	<1.7			<2.0	1	J1	µg/L	GE	0
●		1,1,2-Trichloroethane	<1.7			<2.0	1	J1	µg/L	GE	0
●		Trichloroethylene	<1.7			<2.0	1	J1	µg/L	GE	0
●		Trichlorofluoromethane	<1.7			<2.0	1	J1	µg/L	GE	0
		Tritium	*-1.5E-02*			*4.2E-02*	1	UI	pCi/mL	GP	0
●		Turbidity	0.20			1.6	1	J1	NTU	GE	
		Vanadium, total recoverable	<13			0.38	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL BGX 12D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N74410.9 E59674.3	33.287714 °N 81.654207 °W	243.7-223.7 ft msl	275.2 ft msl	4" PVC	S	Water Table (IIB2)

SAMPLE DATE 02/03/95 10/13/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	239.9			238.7	ft msl
pH	5.2			4.8	pH
Sp. conductance	19			19	µS/cm
Water temperature	17.9			22.6	°C
Alkalinity as $CaCO_3$	1			0	mg/L
Turbidity	22			23	NTU
Volume purged	0.85			0.92	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				6,600	1		µg/L	GE	
		Aluminum, total recoverable	64						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Barium, total recoverable	18			16	1	V	µg/L	GE	0
●		Benzene	<1.7			<2.0	1	J1	µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
●		Bromodichloromethane	<1.7			<2.0	1	J1	µg/L	GE	0
●		Bromoform	<1.7			<2.0	1	J1	µg/L	GE	0
●		Bromomethane (Methyl bromide)	<1.7			<2.0	1	J1	µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	370						µg/L		
●		Carbon tetrachloride	<1.7			<2.0	1	J1	µg/L	GE	0
		Carbon-14				*-9.5E-01*	1	UI	pCi/L	GP	0
		Chloride	1,400						µg/L		
●		Chlorobenzene	<1.7			<2.0	1	J1	µg/L	GE	0
●		Chloroethane	<1.7			<2.0	1	J1	µg/L	GE	0
●		Chloroethene (Vinyl chloride)	<1.7			<2.0	1	J1	µg/L	GE	0
●		2-Chloroethyl vinyl ether	<1.7			<10	1	J1	µg/L	GE	0
●		Chloroform	<1.7			<2.0	1	J1	µg/L	GE	0
●		Chloromethane (Methyl chloride)	<1.7			<2.0	1	J1	µg/L	GE	0
		Chromium, total recoverable	<6.7			2.5	1	J	µg/L	GE	0
		Copper, total recoverable	4.2						µg/L		
		Cyanide	<8.3						µg/L		
●		Dibromochloromethane	<1.7			<2.0	1	J1	µg/L	GE	0
●		1,1-Dichloroethane	<1.7			<2.0	1	J1	µg/L	GE	0
●		1,2-Dichloroethane	<1.7			<2.0	1	J1	µg/L	GE	0
●		1,1-Dichloroethylene	<1.7			<2.0	1	J1	µg/L	GE	0
●		trans-1,2-Dichloroethylene	<1.7			<2.0	1	J1	µg/L	GE	0
●		Dichloromethane	<1.7			<2.0	1	J1	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0028						µg/L		
●		1,2-Dichloropropane	<1.7			<2.0	1	J1	µg/L	GE	0
●		cis-1,3-Dichloropropene	<1.7			<2.0	1	J1	µg/L	GE	0
●		trans-1,3-Dichloropropene	<1.7			<2.0	1	J1	µg/L	GE	0
		Endrin	<0.010						µg/L		
●		Ethylbenzene	<1.7			<2.0	1	J1	µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	*7.3E-01*			*5.6E-01*	1	UI	pCi/L	GP	0
		Iron, total recoverable	120						µg/L		
		Lead, total recoverable	3.5			5.7	1		µg/L	GE	0
		Lindane	<0.0084						µg/L		
		Lithium, total recoverable				<25	1		µg/L	GE	0
		Magnesium, total recoverable	520						µg/L		
		Manganese, total recoverable	10						µg/L		
		Mercury, total recoverable	<0.33			<0.035	1	JV	µg/L	GE	0
		Methoxychlor	<0.84						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	160						µg/L		
		Nonvolatile beta	*5.4E-01*			*9.8E-01*	1	UI	pCi/L	GP	0
		pH	5.8						pH		
		Phenols				<2.7	1	JV	µg/L	GE	0
		Potassium, total recoverable	570						µg/L		
		Radium, total alpha-emitting				6.0E-01	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
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H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	5,400						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	1,300						µg/L		
		Specific conductance	18						µS/cm		
		Sulfate	<1,700			120	1	J	µg/L	GE	0
●		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1	J1	µg/L	GE	0
●		Tetrachloroethylene	<1.7			<2.0	1	J1	µg/L	GE	0
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
●		Toluene	<1.7			<2.0	1	J1	µg/L	GE	0
		Total dissolved solids	15,000						µg/L		
		Total organic carbon	<1,700			1,100	1		µg/L	GE	0
		Total organic halogens	7.1			29	1		µg/L	GE	1
		Total phosphates (as P)	160						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<8.3E-04						µg/L		
●		1,1,1-Trichloroethane	<1.7			<2.0	1	J1	µg/L	GE	0
●		1,1,2-Trichloroethane	<1.7			<2.0	1	J1	µg/L	GE	0
●		Trichloroethylene	<1.7			<2.0	1	J1	µg/L	GE	0
●		Trichlorofluoromethane	<1.7			<2.0	1	J1	µg/L	GE	0
	■	Tritium	***2.5E+01***			***2.3E+01***	1	I	pCi/mL	GP	2
●		Turbidity	17			55	2	J1	NTU	GE	
		Vanadium, total recoverable	<13			0.83	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL FSS 1D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N75257.6 E53897.6	33.280161 °N 81.671063 °W	229.9-209.9 ft msl	266 ft msl	4" PVC	S	Water Table

SAMPLE DATE	02/07/95	04/18/95		10/08/95	
FIELD DATA					
Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	223.9	225.3		223.9	ft msl
pH	6.0	5.8		5.6	pH
Sp. conductance	46	55		62	µS/cm
Water temperature	17.7	19.9		20.4	°C
Alkalinity as $CaCO_3$	10	16		18	mg/L
Turbidity	21	30		22	NTU
Volume purged	0.54	0.79		0.76	well volume
Sampling code	X	X		X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17	<17					µg/L		
		Alkalinity (as $CaCO_3$)				36,000	1		µg/L	GE	
		Aluminum, total recoverable	700	1,500					µg/L		
		Antimony, total recoverable	<3.3	<5.0		<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3	<5.0		<2.1	1	JV	µg/L	GE	0
		Barium, total recoverable	4.5	10		7.6	1		µg/L	GE	0
		Benzene	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Bromoform	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3	<2.0		0.39	1	J	µg/L	GE	0
		Calcium, total recoverable	5,900	8,100					µg/L		
		Carbon tetrachloride	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Carbon-14				*-6.1E-01*	1	UI	pCi/L	GP	0
		Chloride	3,000	2,600					µg/L		
		Chlorobenzene	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Chloroethane	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7	<1.7		<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7	<1.7		<10	1		µg/L	GE	0
		Chloroform	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7	3.5		4.2	1		µg/L	GE	0
		Copper, total recoverable	80	430					µg/L		
		Cyanide	<8.3	<20					µg/L		
		Dibromochloromethane	<1.7	<1.7		<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7	<1.7		<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7	<1.7		<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7	<1.7		<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7	<1.7		<1.8	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025	<0.050					µg/L		
		1,2-Dichloropropane	<1.7	<1.7		<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7	<1.7		<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Endrin	<0.010	<0.050					µg/L		
		Ethylbenzene	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Fluoride	<50	<100					µg/L		
		Gross alpha	2.0E+00	1.6E+00		*6.5E-01*	1	UI	pCi/L	GP	0
		Iron, total recoverable	200	2,200					µg/L		
		Lead, total recoverable	13	36		43	1	J	µg/L	GE	1
		Lindane	<0.0083	<0.025					µg/L		
		Lithium, total recoverable				<25	1		µg/L	GE	0
		Magnesium, total recoverable	500	550					µg/L		
		Manganese, total recoverable	22	38		30	1		µg/L	GE	1
		Mercury, total recoverable	<0.33	<0.20		<0.20	1		µg/L	GE	0
		Methoxychlor	<0.83	<0.50					µg/L		
		Naphthalene	<17	<17					µg/L		
		Nickel, total recoverable	<6.7	<10		3.6	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	260	420					µg/L		
		Nonvolatile beta	*1.4E+00*	*7.7E-01*		*1.3E+00*	1	UI	pCi/L	GP	0
		pH	6.4	6.4					pH		
		Phenols	<8.3	<10		<5.0	1		µg/L	GE	0
		Potassium, total recoverable	<830	250					µg/L		
		Radium, total alpha-emitting				5.0E-01	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3	1.4		<3.0	1	JV	µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	7,600	8,500					µg/L		
		Silver, total recoverable	<3.3	<0.65		<2.0	1		µg/L	GE	0
		Sodium, total recoverable	2,300	2,200					µg/L		
		Specific conductance	110	110					µS/cm		
		Sulfate	2,100	1,700		1,300	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3	<3.3		<50	1		µg/L	GE	0
		Toluene	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Total dissolved solids	77,000	65,000					µg/L		
		Total organic carbon	1,800	270		<520	1	JV	µg/L	GE	0
		Total organic halogens	<8.3	<10		8.1	1	J	µg/L	GE	0
		Total phosphates (as P)	<83	310					µg/L		
		Toxaphene	<0.40	<1.0					µg/L		
		2,4,5-TP (Silvex)	<7.4E-04	<0.025					µg/L		
		Tributyl phosphate	<17	<17					µg/L		
		1,1,1-Trichloroethane	<1.7	<1.7		<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Tritium	1.0E+01	1.1E+01		1.0E+01	1	I	pCi/mL	GP	1
		Turbidity	28	28		58	2	V	NTU	GE	
		Uranium-233/234	*2.7E-02*	*3.7E-02*					pCi/L		
		Uranium-235	*1.4E-02*	*0.0E+00*					pCi/L		
		Uranium-238	*4.7E-02*	*-4.9E-03*					pCi/L		
		Vanadium, total recoverable	<13	4.1		3.2	1	J	µg/L	GE	0
		Xylenes	<3.3	<3.3					µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WELL FSS 2D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N75103.5 E53918.9	33.279855 °N 81.670708 °W	224.4-204.4 ft msl	261.6 ft msl	4" PVC	S	Water Table

SAMPLE DATE	02/07/95	04/18/95		10/08/95	
FIELD DATA					
Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	223.5	224.9		223.3	ft msl
pH	6.4	6.7		5.4	pH
Sp. conductance	94	142		63	µS/cm
Water temperature	18.4	21.0		21.0	°C
Alkalinity as $CaCO_3$	15	21		7	mg/L
Turbidity	31	17		81	NTU
Volume purged	0.88	0.89		0.89	well volume
Sampling code	X	X		X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17	<17					µg/L		
		Alkalinity (as $CaCO_3$)				8,500	1		µg/L	GE	
		Aluminum, total recoverable	420	570					µg/L		
		Antimony, total recoverable	3.3	<5.0		<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3	<5.0		<4.7	1	JV	µg/L	GE	0
		Barium, total recoverable	40	47		31	1		µg/L	GE	0
	■	Benzene	<1.7	<1.7		*48*	1		µg/L	GE	2
		Boron, total recoverable				16	1	J	µg/L	GE	0
		Bromodichloromethane	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Bromoform	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3	<2.0		<2.0	1		µg/L	GE	0
		Calcium, total recoverable	9,400	22,000					µg/L		
		Carbon tetrachloride	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Carbon-14				*3.1E+00*	1	UI	pCi/L	GP	0
		Chloride	2,600	3,000					µg/L		
		Chlorobenzene	<1.7	<1.7		59	1		µg/L	GE	1
		Chloroethane	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7	<1.7		<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7	<1.7		<10	1		µg/L	GE	0
		Chloroform	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7	4.5		7.5	1		µg/L	GE	0
		Copper, total recoverable	16	8.3					µg/L		
		Cyanide	<8.3	<20					µg/L		
		Dibromochloromethane	<1.7	<1.7		<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7	<1.7		<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7	<1.7		<2.0	1		µg/L	GE	0
	■	1,1-Dichloroethylene	<1.7	<1.7		*52*	1		µg/L	GE	2
		trans-1,2-Dichloroethylene	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7	<1.7		<1.8	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025	0.052					µg/L		
		1,2-Dichloropropane	<1.7	<1.7		<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7	<1.7		<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Endrin	<0.010	<0.050					µg/L		
		Ethylbenzene	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Fluoride	<50	32					µg/L		
		Gross alpha	3.4E+00	4.1E+00		2.3E+00	1	I	pCi/L	GP	0
		Iron, total recoverable	130	580					µg/L		
		Lead, total recoverable	*280*	7.5		25	1		µg/L	GE	1
		Lindane	<0.0083	<0.025					µg/L		
		Lithium, total recoverable				<25	1		µg/L	GE	0
		Magnesium, total recoverable	1,200	940					µg/L		
		Manganese, total recoverable	50	41					µg/L		
		Mercury, total recoverable	<0.33	0.075		<0.20	1		µg/L	GE	0
		Methoxychlor	<0.83	<0.50					µg/L		
		Naphthalene	<17	<17					µg/L		
		Nickel, total recoverable	5.0	<10		4.1	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	770	680					µg/L		
		Nonvolatile beta	3.2E+00	2.1E+00		2.6E+00	1	I	pCi/L	GP	0
		pH	6.3	6.9					pH		
		Phenols	<8.3	<10		<5.0	1		µg/L	GE	0
		Potassium, total recoverable	1,000	690					µg/L		
		Radium, total alpha-emitting				1.5E+00	1	I	pCi/L	GP	0
		Selenium, total recoverable	2.0	1.7		<4.7	1	JV	µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	6,200	5,400					µg/L		
		Silver, total recoverable	<3.3	<0.65		<2.0	1		µg/L	GE	0
		Sodium, total recoverable	5,000	4,200					µg/L		
		Specific conductance	92	140					µS/cm		
		Sulfate	15,000	11,000		9,400	1		µg/L	GE	0
		2,4,5-T	<7.7E-04						µg/L		
		1,1,2,2-Tetrachloroethane	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Tin, total recoverable	2.9	<3.3		<50	1		µg/L	GE	0
		Toluene	<1.7	<1.7		58	1		µg/L	GE	0
		Total activity	2.2E+05	1.5E+05					pCi/L		
		Total dissolved solids	63,000	81,000					µg/L		
		Total organic carbon	<1,700	<1,000		<1,300	1	V	µg/L	GE	0
		Total organic halogens	<8.3	10		<10	1		µg/L	GE	0
		Total phosphates (as P)	<83	130					µg/L		
		Toxaphene	<0.40	<1.0					µg/L		
		2,4,5-TP (Silvex)	<7.5E-04	0.12					µg/L		
		Tributyl phosphate	<17	<17					µg/L		
		1,1,1-Trichloroethane	<1.7	<1.7		<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7	<1.7		<2.0	1		µg/L	GE	0
	■	Trichloroethylene	<1.7	<1.7		*46*	1		µg/L	GE	2
		Trichlorofluoromethane	<1.7	<1.7		<2.0	1		µg/L	GE	0
	■	Tritium	***2.3E+02***	***1.6E+02***		***1.6E+02***	1	I	pCi/mL	GP	2
		Turbidity	30	18		26	1	V	NTU	GE	
		Uranium-233/234	*-9.2E-03*	*3.5E-02*					pCi/L		
		Uranium-235	*-4.6E-03*	*1.0E-02*					pCi/L		
		Uranium-238	*7.6E-02*	*1.9E-02*					pCi/L		
		Vanadium, total recoverable	<13	<1.4		4.1	1	J	µg/L	GE	0
		Xylenes	<3.3	<3.3					µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

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WELL FSS 3D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N74960.5 E53548.0	33.278933 °N 81.671406 °W	225.8-205.8 ft msl	258.2 ft msl	4" PVC	S	Water Table

SAMPLE DATE	02/07/95	04/18/95		10/08/95	

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	221.2	222.6		221.0	ft msl
pH	5.4	5.2		5.0	pH
Sp. conductance	38	55		56	µS/cm
Water temperature	17.2	19.5		20.5	°C
Alkalinity as $CaCO_3$	0	0		1	mg/L
Turbidity	19	18		29	NTU
Volume purged	0.99	0.91		0.90	well volume
Sampling code	X	X		X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17	<17					µg/L		
		Aldrin		<0.025					µg/L		
		Alkalinity (as $CaCO_3$)				<5,000	1		µg/L	GE	0
		Aluminum, total recoverable	1,600	3,500					µg/L		
		Antimony, total recoverable	3.4	3.0		<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3	<5.0		<4.2	1	JV	µg/L	GE	0
		Barium, total recoverable	28	82		32	1		µg/L	GE	0
		Benzene	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Bromoform	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3	0.57		0.12	1	J	µg/L	GE	0
		Calcium, total recoverable	810	960					µg/L		
		Carbon tetrachloride	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Carbon-14				*-3.0E+00*	1	UI	pCi/L	GP	0
		Chloride	2,900	3,400					µg/L		
		Chlorobenzene	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Chloroethane	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7	<1.7		<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7	<1.7		<10	1		µg/L	GE	0
		Chloroform	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7	13		15	1		µg/L	GE	0
		Copper, total recoverable	1,200	770					µg/L		
		Cyanide	<8.3	<20					µg/L		
		p,p'-DDT		<0.10					µg/L		
		Dibromochloromethane	<1.7	<1.7		<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7	<1.7		<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7	<1.7		<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7	<1.7		<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7	<1.7		<1.8	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0026	<0.049					µg/L		
		1,2-Dichloropropane	<1.7	<1.7		<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7	<1.7		<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Dieldrin		<0.050					µg/L		
		Endrin	<0.010	<0.050					µg/L		
		Ethylbenzene	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Fluoride	<50	<100					µg/L		
		Gross alpha	3.1E+00	3.2E+00		1.4E+00	1	I	pCi/L	GP	0
		Heptachlor		<0.050					µg/L		
		Iron, total recoverable	580	5,400					µg/L		
■		Lead, total recoverable	*820*	*450*		*53*	1		µg/L	GE	2
		Lindane	<0.0083	<0.025					µg/L		
		Lithium, total recoverable				<25	1		µg/L	GE	0
		Magnesium, total recoverable	680	960					µg/L		
		Manganese, total recoverable	180	120					µg/L		
		Mercury, total recoverable	<0.33	<0.20		<0.20	1		µg/L	GE	0
		Methoxychlor	<0.83	<0.50					µg/L		
		Naphthalene	<17	<17					µg/L		
		Nickel, total recoverable	23	18		9.7	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	700	580					µg/L		
		Nonvolatile beta	1.7E+00	2.4E+00		1.9E+00	1	I	pCi/L	GP	0
		pH	5.9	5.3					pH		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Phenols	<8.3	<10		<5.0	1		µg/L	GE	0
		Potassium, total recoverable	<830	710					µg/L		
		Radium, total alpha-emitting				8.0E-01	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3	<5.0		<5.0	1		µg/L	GE	0
		Silica, total recoverable	8,300	14,000					µg/L		
		Silver, total recoverable	<3.3	0.52		<2.0	1		µg/L	GE	0
		Sodium, total recoverable	5,600	6,600					µg/L		
		Specific conductance	54	56					µS/cm		
		Sulfate	9,900	11,000		11,000	1		µg/L	GE	0
		2,4,5-T		<4.5E-04					µg/L		
		1,1,2,2-Tetrachloroethane	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3	<3.3		<50	1		µg/L	GE	0
		Toluene	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Total activity	2.0E+05	6.5E+04					pCi/L		
		Total dissolved solids	45,000	38,000					µg/L		
		Total organic carbon	<1,700	380		<1,300	1	V	µg/L	GE	0
		Total organic halogens	<8.3	<10		<10	1		µg/L	GE	0
		Total phosphates (as P)	<83	440					µg/L		
		Toxaphene	<0.40	<1.0					µg/L		
		2,4,5-TP (Silvex)	<7.7E-04	<0.025					µg/L		
		Tributyl phosphate	<17	<17					µg/L		
		1,1,1-Trichloroethane	<1.7	<1.7		<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7	<1.7		<2.0	1		µg/L	GE	0
	■	Tritium	***2.2E+02***	***1.5E+02***		***3.1E+02***	1	I	pCi/mL	GP	2
		Turbidity	17	8.1		45	2	V	NTU	GE	
		Uranium-233/234	*4.0E-02*	*1.5E-01*					pCi/L		
		Uranium-235	*-4.8E-03*	*5.6E-02*					pCi/L		
		Uranium-238	*4.0E-02*	*8.9E-02*					pCi/L		
		Vanadium, total recoverable	<13	9.5		2.5	1	J	µg/L	GE	0
		Xylenes	<3.3	<3.3					µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL FSS 4D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N75537.8 E52876.1	33.279114 °N 81.674297 °W	222.6-202.6 ft msl	291.8 ft msl	4" PVC	S	Water Table

SAMPLE DATE	02/07/95	04/18/95		10/08/95	
FIELD DATA					
Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	219.2	220.5		219.8	ft msl
pH	5.1	5.0		4.9	pH
Sp. conductance	43	45		49	µS/cm
Water temperature	16.4	20.2		20.0	°C
Alkalinity as $CaCO_3$	1	0		0	mg/L
Turbidity	19	27		35	NTU
Volume purged	1.1	1.0		1.1	well volume
Sampling code	X	X		X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17	<17					µg/L		
		Alkalinity (as $CaCO_3$)				<5,000	1		µg/L	GE	0
		Aluminum, total recoverable	3,100	930					µg/L		
		Antimony, total recoverable	<3.3	<5.0		<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3	<5.0		<1.9	1	JV	µg/L	GE	0
		Barium, total recoverable	21	21		20	1		µg/L	GE	0
		Benzene	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Bromoform	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3	<2.0		<2.0	1		µg/L	GE	0
		Calcium, total recoverable	1,900	1,300					µg/L		
		Carbon tetrachloride	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Carbon-14				*5.1E+00*	1	UI	pCi/L	GP	0
		Chloride	4,000	4,200					µg/L		
		Chlorobenzene	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Chloroethane	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7	<1.7		<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7	<1.7		<10	1		µg/L	GE	0
		Chloroform	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Chromium, total recoverable	9.1	4.9		5.1	1		µg/L	GE	0
		Copper, total recoverable	23	6.6					µg/L		
		Cyanide	<8.3	0.87					µg/L		
		Dibromochloromethane	<1.7	<1.7		<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7	<1.7		<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7	<1.7		<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7	<1.7		<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7	<1.7		<1.9	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025	<0.051					µg/L		
		1,2-Dichloropropane	<1.7	<1.7		<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7	<1.7		<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Endrin	<0.010	<0.050					µg/L		
		Ethylbenzene	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Fluoride	<50	<100					µg/L		
		Gross alpha	*7.9E-01*	2.4E+00		1.0E+00	1	I	pCi/L	GP	0
		Iron, total recoverable	1,000	1,500					µg/L		
		Lead, total recoverable	34	<3.6		<5.0	1		µg/L	GE	0
		Lindane	<0.0083	<0.025					µg/L		
		Lithium, total recoverable				<25	1		µg/L	GE	0
		Magnesium, total recoverable	1,100	830					µg/L		
		Manganese, total recoverable	280	29					µg/L		
		Mercury, total recoverable	0.52	0.067		<0.20	1		µg/L	GE	0
		Methoxychlor	<0.83	<0.50					µg/L		
		Naphthalene	<17	<17					µg/L		
		Nickel, total recoverable	9.8	2.2		0.81	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	2,200	2,300					µg/L		
		Nonvolatile beta	*2.9E-01*	2.1E+00		2.0E+00	1	I	pCi/L	GP	0
		pH	5.2	5.2					pH		
		Phenols	<8.3	<10		<5.0	1		µg/L	GE	0
		Potassium, total recoverable	<830	400					µg/L		
		Radium, total alpha-emitting				3.0E-01	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3	<5.0		<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	12,000	11,000					µg/L		
		Silver, total recoverable	<3.3	<0.65		<2.0	1		µg/L	GE	0
		Sodium, total recoverable	4,200	4,300					µg/L		
		Specific conductance	47	43					µS/cm		
		Sulfate	<1,700	550		580	1	J	µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3	<3.3		<50	1		µg/L	GE	0
		Toluene	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Total dissolved solids	46,000	33,000					µg/L		
		Total organic carbon	<1,700	<1,000		<1,100	1	V	µg/L	GE	0
		Total organic halogens	<8.3	<10		<10	1		µg/L	GE	0
		Total phosphates (as P)	1,700	230					µg/L		
		Toxaphene	<0.40	<1.0					µg/L		
		2,4,5-TP (Silvex)	<7.4E-04	<0.025					µg/L		
		Tributyl phosphate	<17	<17					µg/L		
		1,1,1-Trichloroethane	<1.7	<1.7		<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Trichloroethylene	1.1	1.1		1.4	1	J	µg/L	GE	0
		Trichlorofluoromethane	<1.7	<1.7		<2.0	1		µg/L	GE	0
		Tritium	5.7E+00	5.7E+00		5.8E+00	1	I	pCi/mL	GP	0
		Turbidity	140	29		31	2	V	NTU	GE	
		Uranium-233/234	*6.6E-04*	*1.2E-01*					pCi/L		
		Uranium-235	*1.1E-02*	*9.8E-03*					pCi/L		
		Uranium-238	*7.5E-02*	*8.3E-02*					pCi/L		
		Vanadium, total recoverable	8.2	3.2		2.9	1	J	µg/L	GE	0
		Xylenes	<3.3	<3.3					µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL HMD 1D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N78731.7 E56973.3	33.292863 °N 81.669714 °W	219.7-199.7 ft msl	264.5 ft msl	4" PVC	S	Barnwell (IIB1)

SAMPLE DATE	02/07/95	10/08/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	208.4			209.2	ft msl
pH	6.4			6.0	pH
Sp. conductance	80			84	µS/cm
Water temperature	10.9			24.1	°C
Alkalinity as $CaCO_3$	8			18	mg/L
Turbidity	21			21	NTU
Volume purged	0.53			0.32	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				23,000	1		µg/L	GE	
		Aluminum, total recoverable	450						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<3.3	1	JV	µg/L	GE	0
		Barium, total recoverable	7.3			9.5	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				39	1	J	µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	840						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*-8.8E-01*	1	UI	pCi/L	GP	0
		Chloride	2,300						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			1.6	1	J	µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<2.1	1	V	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	1.8E+00			*1.2E-01*	1	UI	pCi/L	GP	0
		Iron, total recoverable	720						µg/L		
		Lead, total recoverable	13			27	1		µg/L	GE	1
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable				<25	1		µg/L	GE	0
		Magnesium, total recoverable	200						µg/L		
		Manganese, total recoverable	41						µg/L		
		Mercury, total recoverable	<0.33			<0.20	1		µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			2.7	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	65						µg/L		
		Nonvolatile beta	1.9E+00			*1.2E+00*	1	UI	pCi/L	GP	0
		pH	5.3						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	<830						µg/L		
		Radium, total alpha-emitting				3.0E-01	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<2.6	1	JV	µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
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H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	4,600						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	15,000						µg/L		
		Specific conductance	83						µS/cm		
		Sulfate	12,000			8,500	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	66,000						µg/L		
		Total organic carbon	<1,700			<1,000	1	V	µg/L	GE	0
		Total organic halogens	<8.3			4.9	1	J	µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.5E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
	■	Tritium	***3.5E+01***			***2.7E+01***	1	I	pCi/mL	GP	2
		Turbidity	22			30	1	V	NTU	GE	
		Vanadium, total recoverable	<13			1.0	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL HMD 2D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N79665.8 E57269.7	33.295413 °N 81.670748 °W	210.8-190.8 ft msl	261.1 ft msl	4" PVC	S	Barnwell (IIB1)

SAMPLE DATE	02/03/95			10/08/95	
FIELD DATA					
Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	199.3			200.3	ft msl
pH	5.9			5.7	pH
Sp. conductance	65			65	µS/cm
Water temperature	19.1			19.5	°C
Alkalinity as $CaCO_3$	7			9	mg/L
Turbidity	1			1	NTU
Volume purged	11			6.6	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				11,000	1		µg/L	GE	
		Aluminum, total recoverable	<33						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<2.2	1	JV	µg/L	GE	0
		Barium, total recoverable	<5.0			2.1	1	J	µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				43	1	J	µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	280						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*1.6E+00*	1	UI	pCi/L	GP	0
		Chloride	2,100						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			0.82	1	J	µg/L	GE	0
		Copper, total recoverable	<6.7						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<1.9	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.0098						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	73						µg/L		
		Gross alpha	*1.3E-01*			*2.2E-01*	1	UI	pCi/L	GP	0
		Iron, total recoverable	9.0						µg/L		
		Lead, total recoverable	<5.0			<5.0	1		µg/L	GE	0
		Lindane	<0.0082						µg/L		
		Lithium, total recoverable				<25	1		µg/L	GE	0
		Magnesium, total recoverable	88						µg/L		
		Manganese, total recoverable	2.5						µg/L		
		Mercury, total recoverable	<0.33			<0.20	1		µg/L	GE	0
		Methoxychlor	<0.82						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	230						µg/L		
		Nonvolatile beta	*3.1E-01*			*3.1E-01*	1	UI	pCi/L	GP	0
		pH	5.9						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	<830						µg/L		
		Radium, total alpha-emitting				*1.0E-01*	1	UI	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<5.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	5,500						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	12,000						µg/L		
		Specific conductance	66						µS/cm		
		Sulfate	13,000			11,000	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	2.2			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	40,000						µg/L		
		Total organic carbon	<1,700			<930	1	JV	µg/L	GE	0
		Total organic halogens	<8.3			<10	1		µg/L	GE	0
		Total phosphates (as P)	330						µg/L		
		Toxaphene	<0.39						µg/L		
		2,4,5-TP (Silvex)	<7.5E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
		Tritium	1.2E+01			1.2E+01	1	I	pCi/mL	GP	1
		Turbidity	0.11			0.70	1	V	NTU	GE	
		Vanadium, total recoverable	<13			0.37	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL HMD 3D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N79578.7 E57745.2	33.295996 °N 81.669327 °W	207.7-187.7 ft msl	259.5 ft msl	4" PVC	S	Barnwell (IIB1)

SAMPLE DATE	02/03/95			10/08/95	
FIELD DATA					
Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	198.8			199.8	ft msl
pH	5.2			4.8	pH
Sp. conductance	53			57	µS/cm
Water temperature	19.5			19.5	°C
Alkalinity as $CaCO_3$	0			0	mg/L
Turbidity	1			1	NTU
Volume purged	4.7			5.3	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				<5,000	1		µg/L	GE	0
		Aluminum, total recoverable	63						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<3.7	1	JV	µg/L	GE	0
		Barium, total recoverable	8.4			8.8	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				69	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	890						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*2.1E+00*	1	UI	pCi/L	GP	0
		Chloride	2,500						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			<4.0	1		µg/L	GE	0
		Copper, total recoverable	17						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<1.9	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0026						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	1.1E+00			*5.9E-01*	1	UI	pCi/L	GP	0
		Iron, total recoverable	68						µg/L		
		Lead, total recoverable	3.8			2.7	1	J	µg/L	GE	0
		Lindane	<0.0084						µg/L		
		Lithium, total recoverable				<25	1		µg/L	GE	0
		Magnesium, total recoverable	640						µg/L		
		Manganese, total recoverable	16						µg/L		
		Mercury, total recoverable	<0.33			<0.20	1		µg/L	GE	0
		Methoxychlor	<0.84						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	<6.7			<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	560						µg/L		
		Nonvolatile beta	1.6E+00			*7.7E-01*	1	UI	pCi/L	GP	0
		pH	5.1						pH		
		Phenols				<5.0	1		µg/L	GE	0
		Potassium, total recoverable	620						µg/L		
		Radium, total alpha-emitting				6.0E-01	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<4.3	1	JV	µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	6,700						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	6,500						µg/L		
		Specific conductance	54						µS/cm		
		Sulfate	12,000			13,000	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	<3.3			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	31,000						µg/L		
		Total organic carbon	1,100			<860	1	JV	µg/L	GE	0
		Total organic halogens	<8.3			<10	1		µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.7E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	3.3			3.0	1		µg/L	GE	0
	■	Tritium	***4.0E+01***			***7.9E+01***	1	I	pCi/mL	GP	2
		Turbidity	0.43			0.61	1	V	NTU	GE	
		Vanadium, total recoverable	<13			<10	1		µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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WELL HMD 4D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N79160.4 E58188.5	33.295794 °N 81.667346 °W	208.9-188.9 ft msl	250.9 ft msl	4" PVC	S	Barnwell (IIB1)

SAMPLE DATE: 02/07/95 (1Q95); 10/08/95 (4Q95)

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	199.4			200.1	ft msl
pH	5.9			5.8	pH
Sp. conductance	22			27	µS/cm
Water temperature	16.1			21.3	°C
Alkalinity as $CaCO_3$	2			4	mg/L
Turbidity	12			13	NTU
Volume purged	0.87			0.81	well volume
Sampling code	X			X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17						µg/L		
		Alkalinity (as $CaCO_3$)				5,700	1		µg/L	GE	
		Aluminum, total recoverable	200						µg/L		
		Antimony, total recoverable	<3.3			<5.0	1		µg/L	GE	0
		Arsenic, total recoverable	<3.3			<2.6	1	JV	µg/L	GE	0
		Barium, total recoverable	25			35	1		µg/L	GE	0
		Benzene	<1.7			<2.0	1		µg/L	GE	0
		Boron, total recoverable				<50	1		µg/L	GE	0
		Bromodichloromethane	<1.7			<2.0	1		µg/L	GE	0
		Bromoform	<1.7			<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7			<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Calcium, total recoverable	940						µg/L		
		Carbon tetrachloride	<1.7			<2.0	1		µg/L	GE	0
		Carbon-14				*1.1E+00*	1	UI	pCi/L	GP	0
		Chloride	2,100						µg/L		
		Chlorobenzene	<1.7			<2.0	1		µg/L	GE	0
		Chloroethane	<1.7			<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7			<10	1		µg/L	GE	0
		Chloroform	<1.7			<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7			<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7			1.2	1	J	µg/L	GE	0
		Copper, total recoverable	23						µg/L		
		Cyanide	<8.3						µg/L		
		Dibromochloromethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7			<1.8	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025						µg/L		
		1,2-Dichloropropane	<1.7			<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7			<2.0	1		µg/L	GE	0
		Endrin	<0.010						µg/L		
		Ethylbenzene	<1.7			<2.0	1		µg/L	GE	0
		Fluoride	<50						µg/L		
		Gross alpha	2.6E+00			3.7E+00	1	I	pCi/L	GP	0
		Iron, total recoverable	190						µg/L		
		Lead, total recoverable	20			26	1		µg/L	GE	1
		Lindane	<0.0083						µg/L		
		Lithium, total recoverable				<25	1		µg/L	GE	0
		Magnesium, total recoverable	440						µg/L		
		Manganese, total recoverable	28						µg/L		
		Mercury, total recoverable	<0.33			<0.20	1		µg/L	GE	0
		Methoxychlor	<0.83						µg/L		
		Naphthalene	<17						µg/L		
		Nickel, total recoverable	5.1			1.3	1	J	µg/L	GE	0
		Nitrate-nitrite as nitrogen	580						µg/L		
		Nonvolatile beta	2.6E+00			2.7E+00	1	I	pCi/L	GP	0
		pH	6.2						pH		
		Phenols	<8.3			<5.0	1		µg/L	GE	0
		Potassium, total recoverable	1,800						µg/L		
		Radium, total alpha-emitting				2.6E+00	1	I	pCi/L	GP	0
		Selenium, total recoverable	<3.3			<2.9	1	JV	µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Silica, total recoverable	6,900						µg/L		
		Silver, total recoverable	<3.3			<2.0	1		µg/L	GE	0
		Sodium, total recoverable	1,000						µg/L		
		Specific conductance	30						µS/cm		
		Sulfate	<1,700			1,500	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.7			<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Tin, total recoverable	4.2			<50	1		µg/L	GE	0
		Toluene	<1.7			<2.0	1		µg/L	GE	0
		Total dissolved solids	38,000						µg/L		
		Total organic carbon	<1,700			<510	1	JV	µg/L	GE	0
		Total organic halogens	<8.3			<10	1		µg/L	GE	0
		Total phosphates (as P)	<83						µg/L		
		Toxaphene	<0.40						µg/L		
		2,4,5-TP (Silvex)	<7.4E-04						µg/L		
		1,1,1-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7			<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7			<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7			<2.0	1		µg/L	GE	0
		Tritium	1.6E+01			9.2E+00	1	I	pCi/mL	GP	0
		Turbidity	130			140	4	V	NTU	GE	
		Vanadium, total recoverable	<13			1.6	1	J	µg/L	GE	0
		Xylenes	<3.3						µg/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
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WELL HSB 85A

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N73791.9 E58943.4	33.285152 °N 81.654930 °W	71.1-61.1 ft msl	294.4 ft msl	4" PVC	S	U. Congaree (IIA)

SAMPLE DATE	01/12/95	04/04/95	07/05/95	10/03/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	168.8	169.4	169.4	169.4	ft msl
pH	6.8	7.7	6.8	6.8	pH
Sp. conductance	179	179	184	184	µS/cm
Water temperature	20.5	20.0	20.2	19.9	°C
Alkalinity as $CaCO_3$	69	69	53	71	mg/L
Turbidity	1	1	0	0	NTU
Volume purged	3.5	3.8	2.6	4.4	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17	<17	<10	<10	1		µg/L	GE	0
		Actinium-228	*5.9E+00*						pCi/L		
		Aluminum, total recoverable	<33	85	46	<36	1	V	µg/L	GE	0
		Americium-241	*2.0E-01*						pCi/L		
		Antimony, total recoverable	<3.3	<5.0	<5.0	<5.0	1		µg/L	GE	0
		Antimony-124	*1.7E+00*						pCi/L		
		Antimony-125	*3.1E+00*						pCi/L		
		Arsenic, total recoverable	<3.3	<5.0	1.2	<5.0	1		µg/L	GE	0
		Barium, total recoverable	30	29	29	29	1	V	µg/L	GE	0
		Barium-133	*-4.3E-01*						pCi/L		
		Benzene	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Bis(2-ethylhexyl) phthalate	<17						µg/L		
		Boron, total recoverable	<50						µg/L		
		Bromodichloromethane	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Bromoform	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3	<2.0	<5.0	<2.0	1		µg/L	GE	0
		Calcium, total recoverable	34,000	32,000	33,000	33,000	1		µg/L	GE	
		Carbon tetrachloride	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Carbon-14	*1.3E-01*						pCi/L		
		Cerium-144	*-1.3E+01*						pCi/L		
		Cesium-134	*-2.1E+00*						pCi/L		
		Cesium-137	*3.4E-01*						pCi/L		
		Chloride	2,100	2,400	2,000	2,500	1		µg/L	GE	0
		Chlorobenzene	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Chloroethane	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7	<1.7	<2.0	<10	1		µg/L	GE	0
		Chloroform	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7	<4.0	<25	0.92	1	J	µg/L	GE	0
		Cobalt, total recoverable	<6.7						µg/L		
		Cobalt-57	*-1.0E+00*						pCi/L		
		Cobalt-58	*-1.2E+00*						pCi/L		
		Cobalt-60	*1.4E+00*						pCi/L		
		Copper, total recoverable	<6.7	<1.6	<25	<4.0	1		µg/L	GE	0
		Curium-242	*-4.9E-02*						pCi/L		
		Curium-243/244	*-1.2E-01*						pCi/L		
		Curium-245/246	*0.0E+00*						pCi/L		
		Cyanide	<8.3	<20	<20	<20	1		µg/L	GE	0
		Dibromochloromethane	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.50	<0.052	<0.051	<0.050	1		µg/L	GE	0
		1,2-Dichloropropane	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Endrin	<0.010	<0.050	<0.050	<0.050	1	J	µg/L	GE	0
		Ethylbenzene	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Europium-152	*-2.6E+00*						pCi/L		
		Europium-154	*-4.1E+00*						pCi/L		
		Europium-155	*2.9E-01*						pCi/L		
		Fluoride	31	67	25	<100	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
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H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Gross alpha	*5.9E-01*	*8.3E-01*	*1.1E+00*	4.6E-01	1	I	pCi/L	GP	0
		Iodine-129	*5.3E-01*						pCi/L		
		Iron, total recoverable	<6.7	21	<100	19	1		µg/L	GE	0
		Lead, total recoverable	<5.0	2.8	<5.0	<5.0	1		µg/L	GE	0
		Lead-212	*1.4E+00*						pCi/L		
		Lindane	<0.0083	<0.025	<0.025	<0.025	1		µg/L	GE	0
		Lithium, total recoverable	<8.3						µg/L		
		Magnesium, total recoverable	820	770	770	760	1	V	µg/L	GE	
		Manganese, total recoverable	<3.3	<2.0	<10	0.41	1	J	µg/L	GE	0
		Manganese-54	*-9.3E-01*						pCi/L		
		Mercury, total recoverable	<0.33	<0.20	<0.018	<0.048	1	JV	µg/L	GE	0
		Methoxychlor	<0.83	<0.50	<0.50	<0.50	1		µg/L	GE	0
		Naphthalene	<17	<17	<10	<10	1		µg/L	GE	0
		Neptunium-239	*-9.3E+00*						pCi/L		
		Nickel, total recoverable	<6.7	<10	<25	<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	<83	<100	150	<100	1		µg/L	GE	0
		Nonvolatile beta	*9.3E-01*	2.2E+00	2.3E+00	1.5E+00	1	I	pCi/L	GP	0
●		pH	6.9	7.1	7.0	7.1	1	J1	pH	GE	0
		Phenol		<17					µg/L		
		Phenols	<8.3		<10	<10	1		µg/L	GE	0
		Plutonium-238	*2.3E-01*						pCi/L		
		Plutonium-239/240	*-2.6E-02*						pCi/L		
		Potassium, total recoverable	1,100	1,000	970	980	1	V	µg/L	GE	
		Potassium-40	*1.9E+01*						pCi/L		
		Promethium-144	*-1.2E-01*						pCi/L		
		Promethium-146	*-3.8E-01*						pCi/L		
		Radium, total alpha-emitting	*4.0E-01*	5.0E-01	4.0E-01	6.0E-01	1	IV	pCi/L	GP	0
		Radium-226	*8.0E-02*						pCi/L		
		Radium-228	*-3.4E-01*						pCi/L		
		Ruthenium-106	*1.0E+01*						pCi/L		
		Selenium, total recoverable	<3.3	<5.0	<5.0	<5.0	1		µg/L	GE	0
		Silica, total recoverable	28,000	26,000	27,000	29,000	1	JV	µg/L	GE	
		Silver, total recoverable	<3.3	<0.65	<25	<2.0	1		µg/L	GE	0
		Sodium, total recoverable	1,700	1,700	1,700	1,600	1	V	µg/L	GE	
		Sodium-22	*5.8E-01*						pCi/L		
		Specific conductance	180	180	180	180	1		µS/cm	GE	0
		Strontium-89	*-3.8E-01*						pCi/L		
		Strontium-90	2.6E+00						pCi/L		
		Sulfate	5,500	6,300	7,600	6,200	1		µg/L	GE	0
		Technetium-99	*5.3E+00*						pCi/L		
		1,1,2,2-Tetrachloroethane	<1.7	<1.7	<10	<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Thorium-228	*2.2E-02*						pCi/L		
		Thorium-230	*1.5E-01*						pCi/L		
		Thorium-232	*0.0E+00*						pCi/L		
		Thorium-234	*9.2E+00*						pCi/L		
		Tin, total recoverable	<3.3	6.1	<100	<50	1		µg/L	GE	0
		Tin-113	*-1.9E+00*						pCi/L		
		Toluene	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Total dissolved solids	130,000	120,000	120,000	130,000	1		µg/L	GE	
		Total organic carbon	2,300	<820	1,600	16,000	1	V	µg/L	GE	2
		Total organic halogens	<8.3	<10	<10	<10	1		µg/L	GE	0
		Total phosphates (as P)	<83	30	60	<100	1		µg/L	GE	0
		Toxaphene	<400	<1.0	<1.0	<1.0	1		µg/L	GE	0
		2,4,5-TP (Silvex)	<0.15	<0.026	<0.025	<0.025	1		µg/L	GE	0
		1,1,1-Trichloroethane	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Tritium	*-2.3E-01*	*-4.1E-01*	*-4.0E-01*	*-4.9E-02*	1	UI	pCi/mL	GP	0
		Turbidity	<0.17	<0.10	0.36	<0.10	1		NTU	GE	0
		Uranium-233/234	*9.7E-02*						pCi/L		
		Uranium-235	*-8.2E-03*						pCi/L		
		Uranium-238	*4.9E-02*						pCi/L		
		Vanadium, total recoverable	<13	<0.64	<10	0.31	1	J	µg/L	GE	0
°		Xylenes	<3.3	<3.3	<20	<2.0	1		µg/L	GE	0
		Yttrium-88	*4.7E-01*						pCi/L		
		Zinc, total recoverable	<3.3						µg/L		
		Zinc-65	*-2.8E+00*						pCi/L		
		Zirconium-95	*7.2E-01*						pCi/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WELL HSB 85B

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N73789.3 E58953.3	33.285162 °N 81.654898 °W	143.2-133.2 ft msl	294.5 ft msl	4" PVC	S	McBean (IIB1)

SAMPLE DATE	01/12/95	04/05/95	07/06/95	10/03/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	233.1	235.0	234.6	233.6	ft msl
pH	11.4	11.5	11.1	11.3	pH
Sp. conductance	441	330	495	522	µS/cm
Water temperature	19.9	18.7	20.7	20.3	°C
Alkalinity as $CaCO_3$	105	52	116	110	mg/L
Turbidity	1	1	0	1	NTU
Volume purged	0.76	0.76	0.66	0.76	well volume
Sampling code	X	X	X	X	

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acetophenone	<17	<17	<10	<10	1		µg/L	GE	0
		Actinium-228	*5.5E+00*						pCi/L		
		Aluminum, total recoverable	2,200	1,800	2,200	2,300	1	V	µg/L	GE	2
		Americium-241	*5.2E-02*						pCi/L		
		Antimony, total recoverable	<3.3	<5.0	<5.0	<5.0	1		µg/L	GE	0
		Antimony-124	*-3.4E-01*						pCi/L		
		Antimony-125	*-1.8E-01*						pCi/L		
		Arsenic, total recoverable	<3.3	2.0	1.3	<5.0	1		µg/L	GE	0
		Barium, total recoverable	38	33	36	38	1	V	µg/L	GE	0
		Barium-133	*2.2E+00*						pCi/L		
		Benzene	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Bis(2-ethylhexyl) phthalate	<17						µg/L		
		Boron, total recoverable	<50						µg/L		
		Bromodichloromethane	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Bromoform	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3	<2.0	<5.0	<2.0	1		µg/L	GE	0
		Calcium, total recoverable	39,000	31,000	41,000	44,000	1		µg/L	GE	
		Carbon tetrachloride	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Carbon-14	*-3.2E+00*						pCi/L		
		Cerium-144	*-1.2E+01*						pCi/L		
		Cesium-134	*-6.3E-01*						pCi/L		
		Cesium-137	*5.0E-02*						pCi/L		
		Chloride	1,500	1,600	1,400	6,000	1		µg/L	GE	0
		Chlorobenzene	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Chloroethane	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7	<1.7	<2.0	<10	1		µg/L	GE	0
		Chloroform	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7	4.0	<25	4.9	1		µg/L	GE	0
		Cobalt, total recoverable	<6.7						µg/L		
		Cobalt-57	*-1.3E+00*						pCi/L		
		Cobalt-58	*3.5E-01*						pCi/L		
		Cobalt-60	*5.4E-01*						pCi/L		
		Copper, total recoverable	<6.7	<1.7	<25	<4.0	1		µg/L	GE	0
		Curium-242	*1.8E-01*						pCi/L		
		Curium-243/244	*2.0E-01*						pCi/L		
		Curium-245/246	*0.0E+00*						pCi/L		
		Cyanide	<8.3	<20	<20	<20	1		µg/L	GE	0
		Dibromochloromethane	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.0025	<0.051	<0.051	<0.055	1		µg/L	GE	0
		1,2-Dichloropropane	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Endrin	<0.010	<0.050	<0.050	<0.050	1	J	µg/L	GE	0
		Ethylbenzene	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Europium-152	*1.2E+00*						pCi/L		
		Europium-154	*2.5E+00*						pCi/L		
		Europium-155	*1.2E+00*						pCi/L		
		Fluoride	36	110	220	1,100	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Gross alpha	9.7E-01	*8.4E-01*	*1.5E-02*	6.2E-01	1	I	pCi/L	GP	0
		Iodine-129	*5.4E-01*						pCi/L		
		Iron, total recoverable	29	28	13	39	1		µg/L	GE	0
		Lead, total recoverable	<5.0	<1.6	<5.0	2.0	1	J	µg/L	GE	0
		Lead-212	*7.8E-01*						pCi/L		
		Lindane	<0.0083	<0.025	<0.025	<0.025	1		µg/L	GE	0
		Lithium, total recoverable	19						µg/L		
		Magnesium, total recoverable	120	180	52	54	1	V	µg/L	GE	
		Manganese, total recoverable	<3.3	<2.0	<10	0.40	1	J	µg/L	GE	0
		Manganese-54	*-1.3E-01*						pCi/L		
		Mercury, total recoverable	<0.33	<0.20	<0.017	0.22	1	V	µg/L	GE	0
		Methoxychlor	<0.83	<0.50	<0.50	<0.50	1		µg/L	GE	0
		Naphthalene	<17	<17	<10	<10	1		µg/L	GE	0
		Neptunium-239	*4.0E-01*						pCi/L		
		Nickel, total recoverable	<6.7	<10	<25	<10	1		µg/L	GE	0
		Nitrate-nitrite as nitrogen	520	340	810	870	1		µg/L	GE	0
		Nonvolatile beta	1.3E+00	*6.5E-01*	2.7E+00	7.3E-01	1	I	pCi/L	GP	0
●		pH	9.3	11	11	11	1	J1	pH	GE	2
		Phenols	<8.3	<10	<10	<10	1		µg/L	GE	0
		Plutonium-238	*-1.5E-03*						pCi/L		
		Plutonium-239/240	*1.1E-01*						pCi/L		
		Potassium, total recoverable	4,000	3,300	3,700	3,800	1	V	µg/L	GE	
		Potassium-40	*1.4E+01*						pCi/L		
		Promethium-144	*-7.2E-01*						pCi/L		
		Promethium-146	*1.5E+00*						pCi/L		
		Radium, total alpha-emitting	*2.0E-01*	*1.0E-01*	*-1.0E-01*	5.0E-01	1	IV	pCi/L	GP	0
		Radium-226	*4.2E-01*						pCi/L		
		Radium-228	*5.3E-02*						pCi/L		
		Ruthenium-106	*-4.0E-01*						pCi/L		
		Selenium, total recoverable	<3.3	2.3	<5.0	<5.0	1		µg/L	GE	0
		Silica, total recoverable	12,000	11,000	11,000	11,000	1	JV	µg/L	GE	
		Silver, total recoverable	<3.3	<0.65	<25	<2.0	1		µg/L	GE	0
		Sodium, total recoverable	8,000	6,900	7,600	7,400	1	V	µg/L	GE	
		Sodium-22	*8.7E-01*						pCi/L		
		Specific conductance	190	270	480	320	1		µS/cm	GE	1
		Strontium-89	*-1.1E-01*						pCi/L		
		Strontium-90	*1.1E+00*						pCi/L		
		Sulfate	1,300	3,500	3,900	13,000	1		µg/L	GE	0
		2,4,5-T	<7.5E-04	<4.6E-04	<0.051				µg/L		
		Technetium-99	*5.5E+00*						pCi/L		
		1,1,2,2-Tetrachloroethane	<1.7	<1.7	<10	<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Thorium-228	*1.8E-01*						pCi/L		
		Thorium-230	*5.7E-02*						pCi/L		
		Thorium-232	*1.9E-02*						pCi/L		
		Thorium-234	*7.5E+01*						pCi/L		
		Tin, total recoverable	6.9	<3.1	<100	<50	1		µg/L	GE	0
		Tin-113	*4.8E-01*						pCi/L		
		Toluene	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Total dissolved solids	130,000	120,000	140,000	130,000	1		µg/L	GE	
		Total organic carbon	<1,700	<450	420	<740	1	JV	µg/L	GE	0
		Total organic halogens	<8.3	<10	<10	<10	1		µg/L	GE	0
		Total phosphates (as P)	<83	<100	<100	<100	1		µg/L	GE	0
		Toxaphene	<400	<1.0	<1.0	<1.0	1		µg/L	GE	0
		2,4,5-TP (Silvex)	<7.5E-04	<0.025	0.013	<0.028	1		µg/L	GE	0
		1,1,1-Trichloroethane	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Tritium	*-1.1E-01*	*2.8E-01*	2.7E+00	3.2E+00	1	I	pCi/mL	GP	0
		Turbidity	0.27	0.32	0.085	0.78	1		NTU	GE	
		Uranium-233/234	*2.2E-01*						pCi/L		
		Uranium-235	*2.8E-02*						pCi/L		
		Uranium-238	*2.5E-01*						pCi/L		
		Vanadium, total recoverable	13	12	15	15	1		µg/L	GE	0
		Xylenes	<3.3	<3.3	<20	<2.0	1		µg/L	GE	0
		Yttrium-88	*-4.7E-01*						pCi/L		
		Zinc, total recoverable	4.8						µg/L		
		Zinc-65	*-2.6E+00*						pCi/L		
		Zirconium-95	*4.4E-01*						pCi/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

WELL HSB 85C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N73802.3 E58947.4	33.285182 °N 81.654939 °W	224.2-214.2 ft msl	294.1 ft msl	4" PVC	S	Water Table (IIB2)

SAMPLE DATE	01/12/95	04/04/95	07/05/95	11/06/95

FIELD DATA

Parameter	1Q95	2Q95	3Q95	4Q95	Unit
Water elevation	238.4	240.6	240.3	239.2	ft msl
pH	4.6	5.2	4.5	4.6	pH
Sp. conductance	32	34	34	36	µS/cm
Water temperature	20.6	20.4	20.7	20.1	°C
Alkalinity as $CaCO_3$	0	0	0	0	mg/L
Turbidity	1	0	0	0	NTU
Volume purged	6.6	11	5.0	6.5	well volume
Sampling code					

ANALYTICAL DATA

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Acenaphthene				<10	1		µg/L	GE	0
		Acetophenone	<17	<17	<10	<10	1		µg/L	GE	0
		Actinium-228	*-6.5E-01*						pCi/L		
		Aldrin			<0.025	<0.054	1		µg/L	WA	0
		Aluminum, total recoverable	49	66	65	<71	1	V	µg/L	GE	0
		Americium-241	*-2.9E-02*						pCi/L		
		Antimony, total recoverable	<3.3	<5.0	<5.0	<2.0	1	JV	µg/L	WA	0
		Antimony-124	*7.9E-01*						pCi/L		
		Antimony-125	*-3.2E+00*						pCi/L		
		Arsenic, total recoverable	<3.3	<5.0	1.5	<2.5	1	JV	µg/L	WA	0
		Barium, total recoverable	7.0	7.6	7.4	11	1		µg/L	WA	0
		Barium-133	*-7.4E-01*						pCi/L		
		Benzene	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		alpha-Benzene hexachloride				<0.054	1		µg/L	WA	0
		beta-Benzene hexachloride				<0.054	1		µg/L	WA	0
		delta-Benzene hexachloride				<0.054	1		µg/L	WA	0
		Bis(2-ethylhexyl) phthalate	<17						µg/L		
		Boron, total recoverable	<50						µg/L		
		Bromodichloromethane	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Bromoform	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Cadmium, total recoverable	<3.3	<2.0	<5.0	<2.0	1		µg/L	GE	0
		Calcium, total recoverable	130	120	120	470	1	V	µg/L	WA	
		Carbon tetrachloride	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Carbon-14	*-2.3E+00*						pCi/L		
		Cerium-144	*-1.4E+01*						pCi/L		
		Cesium-134	*9.0E-02*						pCi/L		
		Cesium-137	*8.5E-01*						pCi/L		
		alpha-Chlordane				<0.054	1		µg/L	WA	0
		gamma-Chlordane				<0.054	1		µg/L	WA	0
		Chloride	1,500	2,100	2,100	2,800	1	J	µg/L	WA	0
		Chlorobenzene	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Chloroethane	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		2-Chloroethyl vinyl ether	<1.7	<1.7	<2.0	<10	1		µg/L	GE	0
		Chloroform	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Chromium, total recoverable	<6.7	<4.0	<25	<4.0	1		µg/L	GE	0
		Cobalt, total recoverable	<6.7						µg/L		
		Cobalt-57	*4.6E-01*						pCi/L		
		Cobalt-58	*7.1E-01*						pCi/L		
		Cobalt-60	*5.8E-01*						pCi/L		
		Copper, total recoverable	32	29	23	62	1		µg/L	WA	0
		Curium-242	*6.0E-02*						pCi/L		
		Curium-243/244	*1.7E-01*						pCi/L		
		Curium-245/246	*0.0E+00*						pCi/L		
		Cyanide	<8.3	<20	<20	3.2	1	J	µg/L	GE	0
		p,p'-DDD				<0.11	1		µg/L	WA	0
		p,p'-DDE				<0.11	1		µg/L	WA	0
		p,p'-DDT			<0.10	<0.11	1		µg/L	WA	0
		Dibromochloromethane	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		1,4-Dichlorobenzene				<10	1	J	µg/L	GE	0
		1,1-Dichloroethane	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		1,2-Dichloroethylene				<5.0	1		µg/L	WA	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
■ = exceeded final primary drinking water standard or screening level for fourth quarter 1995.

H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		trans-1,2-Dichloroethylene	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Dichloromethane	<1.7	<1.7	<2.0	<1.3	1	JV	µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<0.50	<0.052	<0.050	<0.050	1		µg/L	GE	0
		1,2-Dichloropropane	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Dieldrin			<0.050	<0.11	1		µg/L	WA	0
		2,4-Dinitrotoluene				<10	1	J	µg/L	GE	0
		Endosulfan sulfate				<0.11	1		µg/L	WA	0
		Endosulfan I				<0.054	1		µg/L	WA	0
		Endosulfan II				<0.11	1		µg/L	WA	0
		Endrin	<0.010	<0.050	<0.050	<0.050	1	J	µg/L	GE	0
		Endrin ketone				<0.11	1		µg/L	WA	0
		Ethylbenzene	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Europium-152	*8.4E-01*						pCi/L		
		Europium-154	*-7.7E-01*						pCi/L		
		Europium-155	*7.6E+00*						pCi/L		
		Fluoride	<50	<100	<100	<16	1	JV	µg/L	WA	0
		Gross alpha	1.8E+00	3.0E+00	1.7E+00	4.5E+00	1	I	pCi/L	TM	0
		Heptachlor			<0.050	<0.054	1		µg/L	WA	0
		Heptachlor epoxide				<0.054	1		µg/L	WA	0
		Iodine-129	*-3.5E-02*						pCi/L		
		Iron, total recoverable	5.0	<18	12	27	1	V	µg/L	WA	0
		Lead, total recoverable	<5.0	2.7	<5.0	9.8	1	J	µg/L	WA	0
		Lead-212	*2.7E+00*						pCi/L		
		Lindane	<0.0083	<0.025	<0.025	<0.025	1		µg/L	GE	0
		Lithium, total recoverable	<8.3						µg/L		
		Magnesium, total recoverable	140	150	140	190	1	V	µg/L	WA	
		Manganese, total recoverable	2.4	2.7	<10	3.4	1	JV	µg/L	WA	0
		Manganese-54	*3.1E+00*						pCi/L		
		Mercury, total recoverable	<0.33	<0.20	<0.023	0.45	1	V	µg/L	GE	0
		Methoxychlor	<0.83	<0.50	<0.50	<0.50	1		µg/L	GE	0
		Naphthalene	<17	<17	<10	<10	1		µg/L	GE	0
		Neptunium-239	*4.4E+00*						pCi/L		
		Nickel, total recoverable	<6.7	<10	<25	1.1	1	J	µg/L	WA	0
		Nitrate-nitrite as nitrogen	2,100	2,100	2,100	2,300	5		µg/L	WA	0
		N-Nitrosodipropylamine				<10	1		µg/L	GE	0
		Nonvolatile beta	1.9E+00	1.9E+00	1.9E+00	3.8E+00	1	I	pCi/L	TM	0
		PCB 1016				<1.1	1		µg/L	WA	0
		PCB 1221				<2.2	1		µg/L	WA	0
		PCB 1232				<1.1	1		µg/L	WA	0
		PCB 1242				<1.1	1		µg/L	WA	0
		PCB 1248				<1.1	1		µg/L	WA	0
		PCB 1254				<1.1	1		µg/L	WA	0
		PCB 1260				<1.1	1		µg/L	WA	0
●		pH	5.3	4.8	4.8	4.9	1	J1	pH	GE	0
		Phenol		<17					µg/L		
		Phenols	<8.3		<10	<5.0	1		µg/L	GE	0
		Plutonium-238	*0.0E+00*						pCi/L		
		Plutonium-239/240	*-2.3E-02*						pCi/L		
		Potassium, total recoverable	<830	<500	<2,000	46	1	JV	µg/L	GE	
		Potassium-40	*2.7E+01*						pCi/L		
		Promethium-144	*5.9E-02*						pCi/L		
		Promethium-146	*1.6E+00*						pCi/L		
		Pyrene				<10	1		µg/L	GE	0
		Radium, total alpha-emitting	2.4E+00	2.2E+00	2.3E+00	1.7E+00	1	I	pCi/L	TM	0
		Radium-226	*1.0E-01*						pCi/L		
		Radium-228	*-3.9E-01*						pCi/L		
		Ruthenium-106	*-5.7E+00*						pCi/L		
		Selenium, total recoverable	<3.3	<5.0	<5.0	2.1	1	J	µg/L	WA	0
		Silica, total recoverable	6,600	6,500	6,200	7,100	2.1	V	µg/L	WA	
		Silver, total recoverable	<3.3	<0.65	<25	<0.22	1	JV	µg/L	WA	0
		Sodium, total recoverable	4,200	4,100	4,000	4,400	1	V	µg/L	WA	
		Sodium-22	*-1.2E+00*						pCi/L		
		Specific conductance	31	33	34	39	1	V	µS/cm	WA	0
		Strontium-89	*3.4E-01*						pCi/L		
		Strontium-90	*7.5E-01*						pCi/L		
		Sulfate	<1,700	380	<1,000	310	1	J	µg/L	WA	0
		2,4,5-T				<0.050	1		µg/L	GE	0
		Technetium-99	*8.7E-01*						pCi/L		
		1,1,2,2-Tetrachloroethane	<1.7	<1.7	<10	<2.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Thorium-228	*-3.4E-04*						pCi/L		
		Thorium-230	*7.3E-02*						pCi/L		
		Thorium-232	*-3.3E-04*						pCi/L		
		Thorium-234	*1.4E+02*						pCi/L		
		Tin, total recoverable	<3.3	<2.5	<100	<3.0	1	JV	µg/L	WA	0
		Tin-113	*-1.8E+00*						pCi/L		
		Toluene	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1995.

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H	ST	Parameter	1Q95	2Q95	3Q95	4Q95	DF	Mod	Unit	Lab	Flag
		Total dissolved solids	30,000	22,000	29,000	27,000	1		µg/L	GE	
		Total organic carbon	<1,700	<1,000	<390	660	1	J	µg/L	WA	0
		Total organic halogens	<8.3	<10	<10	4.3	1	J	µg/L	GE	0
		Total phosphates (as P)	<83	<100	<100	4.6	1	J	µg/L	WA	
		Toxaphene	<400	<1.0	<1.0	<1.0	1		µg/L	GE	0
		2,4,5-TP (Silvex)	<0.15	<0.026	<0.025	<0.025	1		µg/L	GE	0
		1,2,4-Trichlorobenzene				<10	1	J	µg/L	GE	0
		1,1,1-Trichloroethane	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Trichloroethylene	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.7	<1.7	<2.0	<2.0	1		µg/L	GE	0
		Tritium	6.4E+00	7.0E+00	8.5E+00	9.1E+00	1	I	pCi/mL	GP	0
●		Turbidity	<0.17	<0.10	0.36	0.27		JV	NTU	WA	
		Uranium-233/234	*8.3E-02*						pCi/L		
		Uranium-235	*6.3E-03*						pCi/L		
		Uranium-238	*2.5E-02*						pCi/L		
		Vanadium, total recoverable	<13	<0.34	<10	0.36	1	J	µg/L	GE	0
		Xylenes	<3.3	<3.3	<20	<2.0	1		µg/L	GE	0
		Yttrium-88	*-1.5E+00*						pCi/L		
		Zinc, total recoverable	<3.3						µg/L		
		Zinc-65	*2.3E-01*						pCi/L		
		Zirconium-95	*2.6E-01*						pCi/L		

Note: Concentration in bold italics exceeds final primary drinking water standard or screening level listed in Appendix A. Radionuclide result in italics indicates less than sample quantitation limit. Dilution factor, modifier, laboratory, and flag are for fourth quarter 1995 only. See Appendix B for flagging criteria.
● = exceeded holding time for fourth quarter 1995.
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Appendix E

Data Quality/Usability Assessment

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Data Quality/Usability Assessment

Quality assurance/quality control (QA/QC) procedures relating to accuracy and precision of analyses performed on groundwater samples are followed in the field and laboratory and are reviewed prior to publication of results. The review by the Environmental Protection Department/ Environmental Monitoring Section (EPD/EMS) of the volume of analytical data acquired each quarter and presented in various reports is an ongoing process; EPD/EMS' review of the QA/QC data cannot be completed in time to meet the deadlines for the groundwater monitoring reports required by the Resource Conservation and Recovery Act and associated regulations. Other site and regulatory personnel can obtain further information on the data quality and usability in a variety of ways, including those described below.

Results below Detection

For radiological analyses, the analytical result field contains the result recorded on the analytical instrument and reported by the laboratory, even if it is negative. For non-radiological analyses, if the analyte is not detected, the sample-specific estimated quantitative limit (EQL) is entered into the result field (with a less than [<] sign). The EQL is defined as the lowest concentration that can be achieved reliably within specified limits of precision and accuracy during routine laboratory operating conditions. The sample-specific EQL is modified for sample concentration or dilution or unusual aliquot size that affects analytical sensitivity.

Data Qualification

The contract laboratories continually assess their own accuracy and precision according to U.S. Environmental Protection Agency (EPA) guidelines. They submit sample- or batch-specific QA/ QC information either at the same time as analytical results or in quarterly summaries. Properly defined and used modifiers (also referred to as qualifiers) can be a key component in assessing data usability. Modifiers designed by EPD/EMS and used by the primary laboratories are presented in Appendix D.

Assessment of Accuracy of the Data

Accuracy, or the nearness of the reported result to the true concentration of a constituent in a sample, can be assessed in several ways.

A laboratory's general accuracy can be judged by analysis of results obtained from known samples. The non-radionuclide contract laboratories analyze commercial reference samples every quarter at EPD/EMS' request. The results of these analyses are presented in the EPD/EMS groundwater monitoring quarterly reports. The primary laboratories also seek or maintain state certification by participating periodically in performance studies; reference samples and analysis of results are provided by EPA. Results of these studies also are published in the EPD/EMS quarterly reports.

Analysis of blanks provides a tool for assessing the accuracy of both sampling and laboratory analysis. Results for all field blanks for the quarter can be found in the EPD/EMS quarterly reports. Any field or laboratory blanks that exceed established minimums are identified in the same reports, in tables associating them with groundwater samples analyzed in the same batches. In these regulatory reports, the modifier *V* is applied to every result that is run in the same batch as a laboratory blank with positive results for that analyte. A second *V* qualifier is added if the analyte concentration is less than five times the concentration in the blank (or, for common laboratory contaminants, less than ten times.)

Surrogates, organic compounds similar in chemical behavior to the compounds of interest but not normally found in environmental samples, are used to monitor the effect of the matrix on the accuracy of analyses for organic parameters. For example, for analyses of volatile organics by EPA Method 8240, three surrogate compounds are added to all samples and blanks in each analytical batch. In analyses of semivolatile organics, three acid compounds and three base/ neutral compounds are used. Two surrogates are used in organochlorine pesticides analyses. Percent recoveries for surrogate analyses are calculated by laboratory personnel, reported to EPD/EMS, reviewed, and entered into the database, but they are not published. If recoveries are not within specified limits, the laboratory is expected to reanalyze the samples or attach qualifiers to the data identifying the anomalous results.

Sample-specific accuracy for both organic and inorganic parameters can be assessed by examination of matrix spike/matrix spike duplicate results. A sample is analyzed unspiked to determine a baseline set of values. A second portion of the sample is spiked with known concentrations of compounds appropriate to the analyses being performed, typically five volatile organic compounds for volatile organics analyses, eleven semivolatile compounds for semivolatiles, six pesticide compounds for pesticides, all metals for metals analyses by SW-846 methods (EPA, 1986), and a known quantity of cyanide for cyanide analysis. The percentage of the spike compound that is recovered (i.e., measured in excess of the value obtained for the unspiked sample) is a direct measure of analytical accuracy. EPA requires matrix spike/matrix spike duplicates to be run at least once per 20 samples of similar matrix.

Matrix spike/matrix spike duplicate results are reported to EPD/EMS but are not published. For organic compounds, according to EPA guidelines, no action is taken on the basis of matrix spike/ matrix spike duplicate data alone (i.e., no result modifiers are assigned solely on the basis of matrix spike results); however, the results can indicate if a laboratory is having a systematic problem in the analysis of one or more analytes.

In the case of inorganic compounds, such as metals, the matrix spike sample analysis provides information about the effect of each sample matrix on the digestion and measurement methodology. Data qualifiers assigned by the laboratories on the basis of the percentage of spike recovery are reported in the EPD/EMS results tables.

Assessment of Precision

Precision of the analyses, or agreement of a set of replicate results among themselves, is assessed through the use of duplicates initiated by the laboratory and blind replicates provided by EPD/EMS. The results of duplicate and replicate analyses are presented in results tables that report only one quarter of data, usually during first, second, and third quarters. Duplicate and replicate results are not presented in results tables that report more than one quarter of data, generally provided in fourth quarter reports. In this case, the results tables instead present only the highest result for each analyte for each quarter of the year.

The laboratories assess precision by calculating the relative percent difference (RPD) for each pair of laboratory-initiated duplicate results. The contract laboratories use a data qualifier to modify metals analyses when the RPD for laboratory duplicates is greater than 20 percent. This qualifier is published in the EPD/EMS quarterly reports.

Additional statistical comparisons of laboratory duplicate and blind replicate results, both intra- and interlaboratory, are presented in the EPD/EMS quarterly reports. The calculation used for these reports is the mean relative difference (MRD) which is similar to EPA's RPD except that the MRD is the average of all the RPD values from one laboratory for each compound (intralab-

oratory MRD) or all the RPD values from all laboratories for each compound (interlaboratory MRD), during one quarter. Because detection limits may vary among samples, the MRD requires calculation of a reference detection limit, which is the detection limit at the 90th percentile of the array of limits in the population of all duplicate and replicate analyses for a given analyte during a particular quarter. The MRD is not method-specific.

Method-Specific Accuracy and Precision

The contract laboratories' EPA-approved laboratory procedures include QA/QC requirements as an integral part of the methods. Thus, knowledge of the method used in obtaining data is an important component of determining data usability. EPA has conducted extensive research and development on the methods approved for the analysis of water and waste water. Information on the accuracy and precision of a method is available from EPA publications, as is full information on required QA/QC procedures. A listing of the methods used by the primary laboratories during fourth quarter 1993 is given below along with the source for the method description. Many, if not all, of these sources include presentations of representative accuracy and precision results.

Methods Used by the Contract Laboratories

Method	Used to Analyze	Source
EPA120.1	Specific conductance	EPA EMSL, 1983
EPA150.1	pH	EPA EMSL, 1983
EPA160.1	Total dissolved solids	EPA EMSL, 1983
EPA160.2	Total dissolved solids, total suspended solids	EPA EMSL, 1983
EPA180.1	Turbidity	EPA EMSL, 1983
EPA200.7	Metals	EPA EMSL, 1983
EPA204.2	Antimony	EPA EMSL, 1983
EPA206.2	Arsenic	EPA EMSL, 1983
EPA239.2	Lead	EPA EMSL, 1983
EPA245.1	Mercury	EPA EMSL, 1983
EPA270.2	Selenium	EPA EMSL, 1983
EPA279.2	Thallium	EPA EMSL, 1983
EPA300.0	Chloride, nitrite, sulfate	EPA EMSL, 1991
EPA310.1	Alkalinity	EPA EMSL, 1983
EPA325.2	Chloride	EPA EMSL, 1983
EPA335.3	Cyanide	EPA EMSL, 1983
EPA340.2	Fluoride	EPA EMSL, 1983
EPA353.1	Nitrogen, nitrate-nitrite	EPA EMSL, 1983
EPA353.2	Nitrogen, nitrate, nitrite, or combined	EPA EMSL, 1983
EPA365.1	Phosphorus, all forms (reported as total phosphates)	EPA EMSL, 1983
EPA365.2	Phosphorus, all forms (reported as total phosphates)	EPA EMSL, 1983
EPA376.2	Sulfide	EPA EMSL, 1983
EPA413.1	Oil & grease	EPA EMSL, 1983
EPA415.1	Dissolved organic carbon, total inorganic carbon, total organic carbon	EPA EMSL, 1983
EPA418.1	Total petroleum hydrocarbons	EPA EMSL, 1983
EPA420.2	Phenols	EPA EMSL, 1983
EPA900.0	Gross alpha, nonvolatile beta	EPA EMSL, 1980
EPA900.1	Total alpha-emitting radium	EPA EMSL, 1980
EPA906.0	Tritium	EPA EMSL, 1980
EPA6010	Metals	EPA, 1986
EPA7041	Antimony	EPA, 1986
EPA7060	Arsenic	EPA, 1986

Method	Used to Analyze	Source
EPA7421	Lead	EPA, 1986
EPA7470	Mercury	EPA, 1986
EPA7740	Selenium	EPA, 1986
EPA7841	Thallium	EPA, 1986
EPA8010	Chlorinated volatile organics	EPA, 1986
EPA8080	Organochlorine pesticides and PCBs	EPA, 1986
EPA8150	Chlorinated herbicides	EPA, 1986
EPA8240	GCMS volatiles	EPA, 1986
EPA8270	GCMS semivolatiles	EPA, 1986
EPA8280	Dioxins and furans	EPA, 1986
EPA9012	Cyanide	EPA, 1986
EPA9020	Total organic halogens	EPA, 1986
EPA9020A	Total organic halogens	EPA, 1986
EPA9030	Sulfide	EPA, 1986
EPA9060	Dissolved organic carbon, total inorganic carbon, total organic carbon	EPA, 1986

An example of available method-specific QA/QC information is that for the analysis of metals by EPA Method 6010/200.7 (EPA, 1986/EPA EMSL, 1983). The primary laboratories, General Engineering Laboratories (GE) and Roy F. Weston, Inc. (Weston), use this inductively coupled plasma (ICP) atomic emission spectrometric method.

The following precision and accuracy data are based on the experience of seven laboratories that applied the ICP technique to acid-distilled water matrices that had been spiked with various metal concentrates. (Note: Not all seven laboratories analyzed all 14 elements.) The references give results for samples having three concentration ranges; the results here are for samples having the lowest values, similar to actual groundwater results for the Savannah River Site.

ICP Precision and Accuracy Data

Element	True value (µg/L)	Mean reported value (µg/L)	Mean percent RSD[a]
Aluminum	60	62	33
Arsenic	22	19	23
Beryllium	20	20	9.8
Cadmium	2.5	2.9	16
Chromium	10	10	18
Cobalt	20	20	4.1
Copper	11	11	40
Iron	20	19	15
Lead	24	30	32
Manganese	15	15	6.7
Nickel	30	28	11
Selenium	6	8.5	42
Vanadium	70	69	2.9
Zinc	16	19	45

[a] Relative standard deviation. In EPA (1986), the column heading is Mean Standard Deviation (%).

As another example, EPA Method 601/8010 (EPA, 1991/EPA, 1986) is used by both GE and Weston for analyses of halogenated volatile organics. In the presentation of the method in both references, the following table gives method-specific accuracy and precision as functions of concentration. Contract laboratories are expected to achieve or at least approach these limits.

Accuracy and Precision as Functions of Concentration for EPA Method 601/8010

Parameter	Accuracy as recovery, X'[a] (µg/L)	Single analyst precision (µg/L)[b]	Overall precision (µg/L)[c]
Bromodichloromethane	$1.12C-1.02$[d]	$0.11\overline{X}+0.04$[e]	$0.20\overline{X}+1.00$
Bromoform	$0.96C-2.05$	$0.12\overline{X}+0.58$	$0.21\overline{X}+2.41$
Bromomethane	$0.76C-1.27$	$0.28\overline{X}+0.27$	$0.36\overline{X}+0.94$
Carbon tetrachloride	$0.98C-1.04$	$0.15\overline{X}+0.38$	$0.20\overline{X}+0.39$
Chlorobenzene	$1.00C-1.23$	$0.15\overline{X}-0.02$	$0.18\overline{X}+1.21$
Chloroethane	$0.99C-1.53$	$0.14\overline{X}-0.13$	$0.17\overline{X}+0.63$
2-Chloroethyl vinyl ether[f]	$1.00C$	$0.20\overline{X}$	$0.35\overline{X}$
Chloroform	$0.93C-0.39$	$0.13\overline{X}+0.15$	$0.19\overline{X}-0.02$
Chloromethane	$0.77C+0.18$	$0.28\overline{X}-0.31$	$0.52\overline{X}+1.31$
Dibromochloromethane	$0.94C+2.72$	$0.11\overline{X}+1.10$	$0.24\overline{X}+1.68$
1,2-Dichlorobenzene	$0.93C+1.70$	$0.20\overline{X}+0.97$	$0.13\overline{X}+6.13$
1,3-Dichlorobenzene	$0.95C+0.43$	$0.14\overline{X}+2.33$	$0.26\overline{X}+2.34$
1,4-Dichlorobenzene	$0.93C-0.09$	$0.15\overline{X}+0.29$	$0.20\overline{X}+0.41$
1,1-Dichloroethane	$0.95C-1.08$	$0.09\overline{X}+0.17$	$0.14\overline{X}+0.94$
1,2-Dichloroethane	$1.04C-1.06$	$0.11\overline{X}+0.70$	$0.15\overline{X}+0.94$
1,1-Dichloroethene	$0.98C-0.87$	$0.21\overline{X}-0.23$	$0.29\overline{X}-0.40$
trans-1,2-Dichloroethene	$0.97C-0.16$	$0.11\overline{X}+1.46$	$0.17\overline{X}+1.46$
Dichloromethane (Methylene chloride)	$0.91C-0.93$	$0.11\overline{X}+0.33$	$0.21\overline{X}+1.43$
1,2-Dichloropropane[f]	$1.00C$	$0.13\overline{X}$	$0.23\overline{X}$
cis-1,3-Dichloropropene[f]	$1.00C$	$0.18\overline{X}$	$0.32\overline{X}$
trans-1,3-Dichloropropene[f]	$1.00C$	$0.18\overline{X}$	$0.32\overline{X}$
1,1,2,2-Tetrachloroethane	$0.95C+0.19$	$0.14\overline{X}+2.41$	$0.23\overline{X}+2.79$
Tetrachloroethylene	$0.94C+0.06$	$0.14\overline{X}+0.38$	$0.18\overline{X}+2.21$
1,1,1-Trichloroethane	$0.90C-0.16$	$0.15\overline{X}+0.04$	$0.20\overline{X}+0.37$
1,1,2-Trichloroethane	$0.86C+0.30$	$0.13\overline{X}-0.14$	$0.19\overline{X}+0.67$
Trichloroethylene	$0.87C+0.48$	$0.13\overline{X}-0.03$	$0.23\overline{X}+0.30$
Trichlorofluoromethane	$0.89C-0.07$	$0.15\overline{X}+0.67$	$0.26\overline{X}+0.91$
Vinyl chloride	$0.97C-0.36$	$0.13\overline{X}+0.65$	$0.27\overline{X}+0.40$

---

a X' = expected recovery for one or more measurements of a sample containing a concentration of C, in µg/L.
b Expected single analyst standard deviation of measurements.
c Expected interlaboratory standard deviation of measurements.
d C = true value for the concentration, in µg/L.
e $\overline{X}$ = average recovery found for measurements of samples containing a concentration of C, in µg/L.
f Estimates based on performance of a single laboratory.

References Cited

EPA (U.S. Environmental Protection Agency), 1986. **Test Methods for Evaluating Solid Waste (SW-846)**, Volumes IA–IC. Washington, DC.

EPA (U.S. Environmental Protection Agency), 1991. *Guidelines Establishing Test Procedures for the Analysis of Pollutants,* **Code of Federal Regulations**, Title 40, Part 136, Appendix A. Washington, DC.

EPA EMSL (U.S. Environmental Protection Agency, Environmental Monitoring and Systems Laboratory), 1980. **Prescribed Procedures for Measurement of Radioactivity in Drinking Water**, EPA-600/4-80-032. Cincinnati, OH.

EPA EMSL (U.S. Environmental Protection Agency, Environmental Monitoring and Systems Laboratory), 1983. **Methods for Chemical Analysis of Water and Wastes.** Cincinnati, OH.

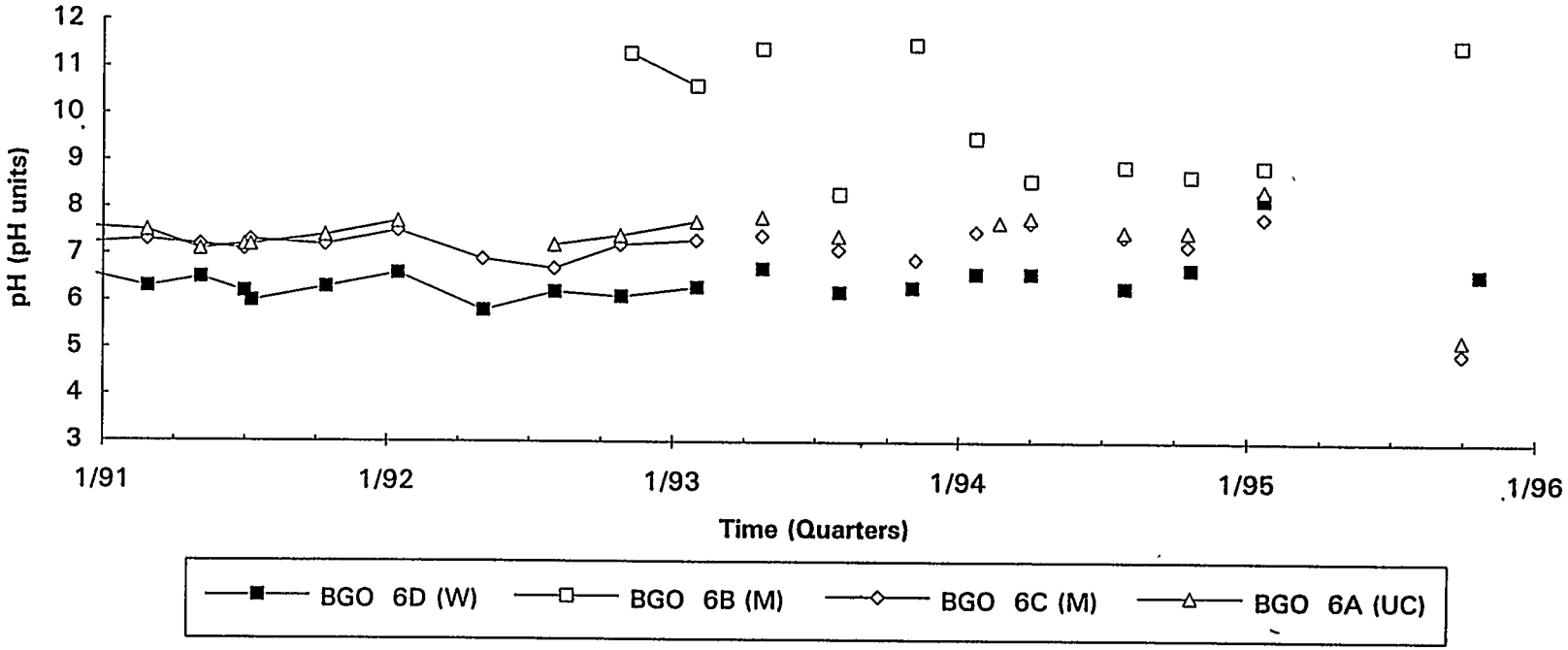
EPA EMSL (U.S. Environmental Protection Agency, Environmental Monitoring and Systems Laboratory), 1991. **Test Method, The Determination of Inorganic Anions in Water by Ion Chromatography—Method 300.0**. Cincinnati, OH.

Appendix F

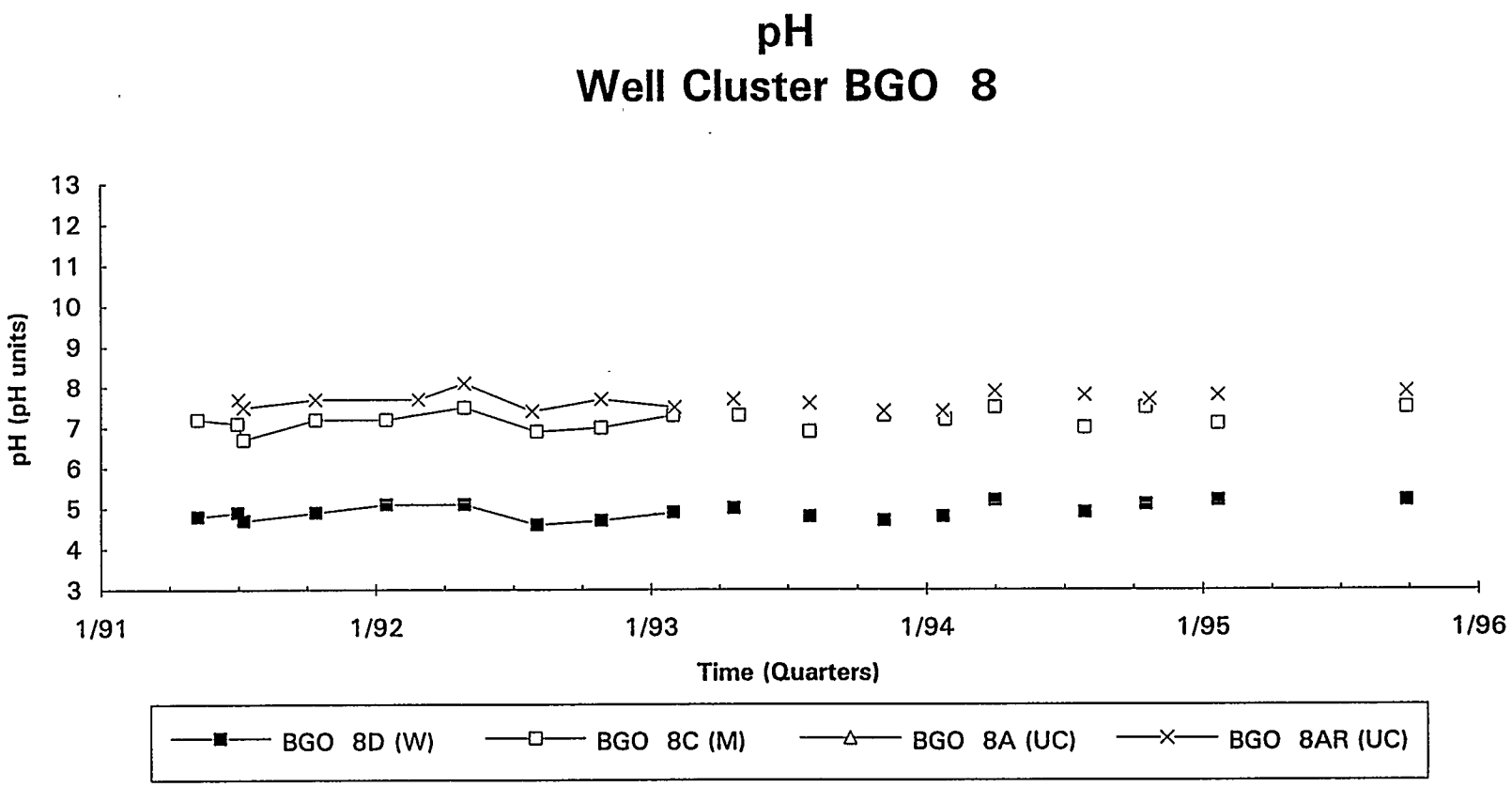
Time Series Plots

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pH
Well Cluster BGO 6

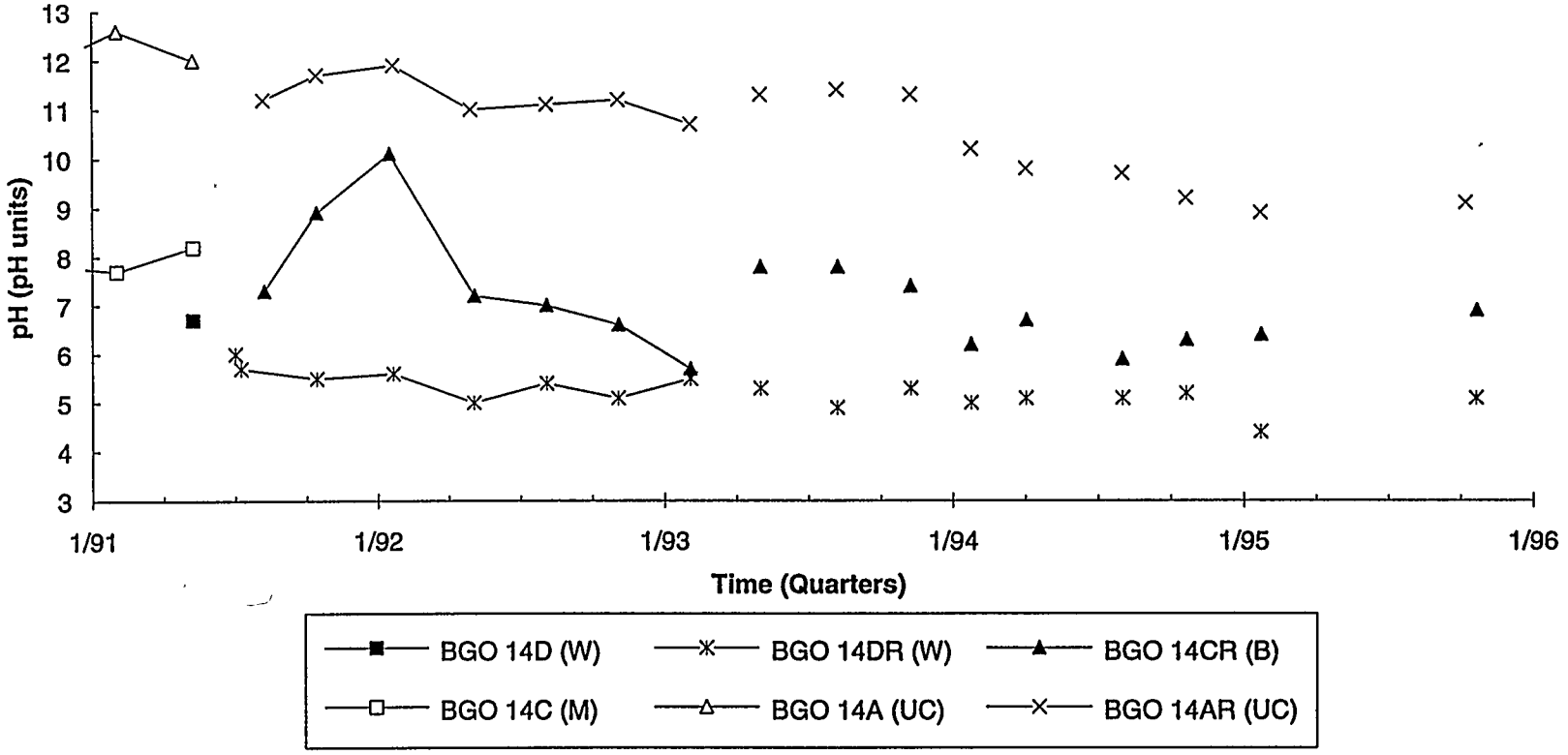


Note: W=Water Table (IIB2); M=McBean (IIB1); B=Barnwell (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)



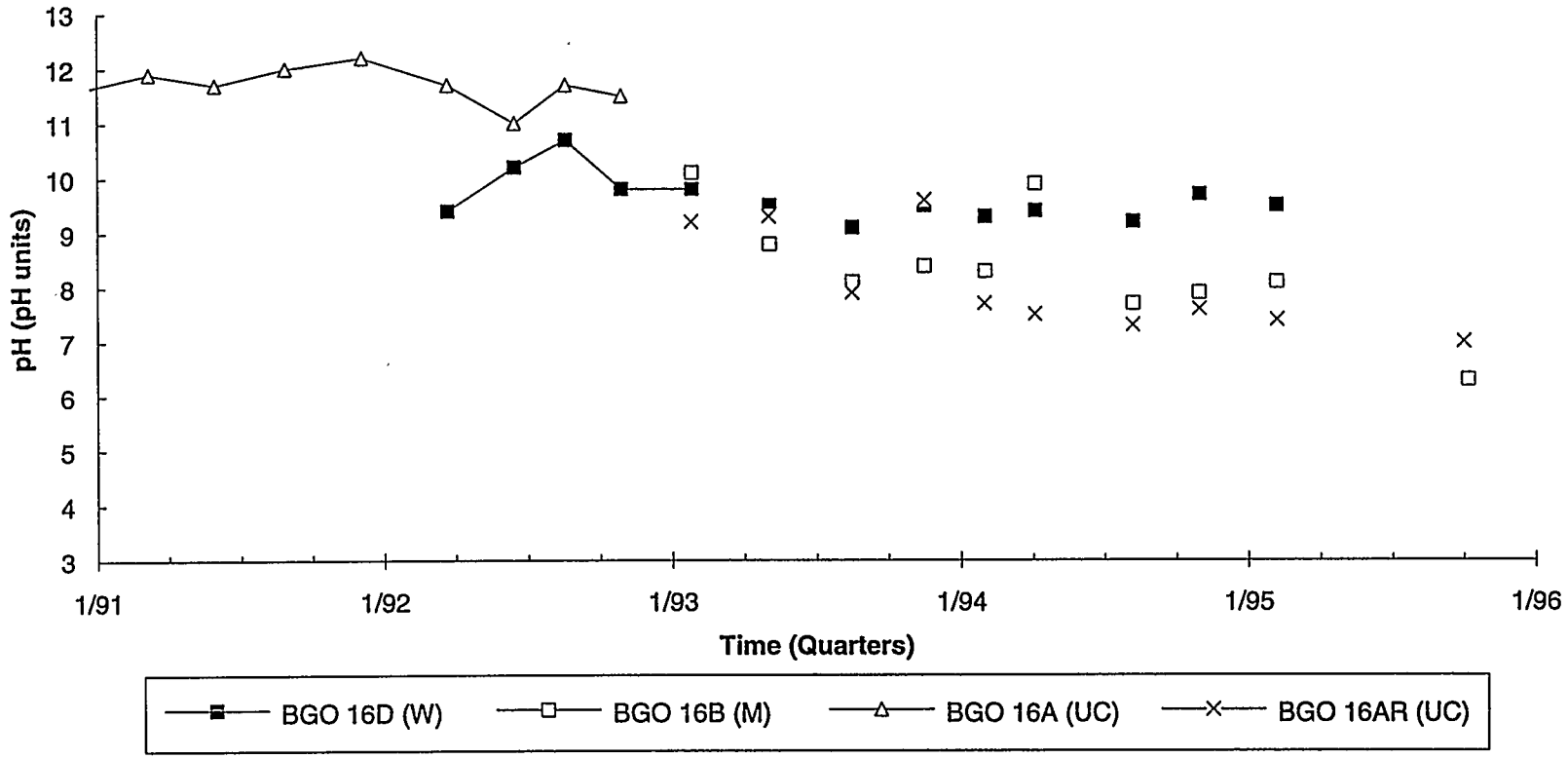
Note: W=Water Table (IIB2); M=McBean (IIB1); B=Barnwell (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

pH
Well Cluster BGO 14



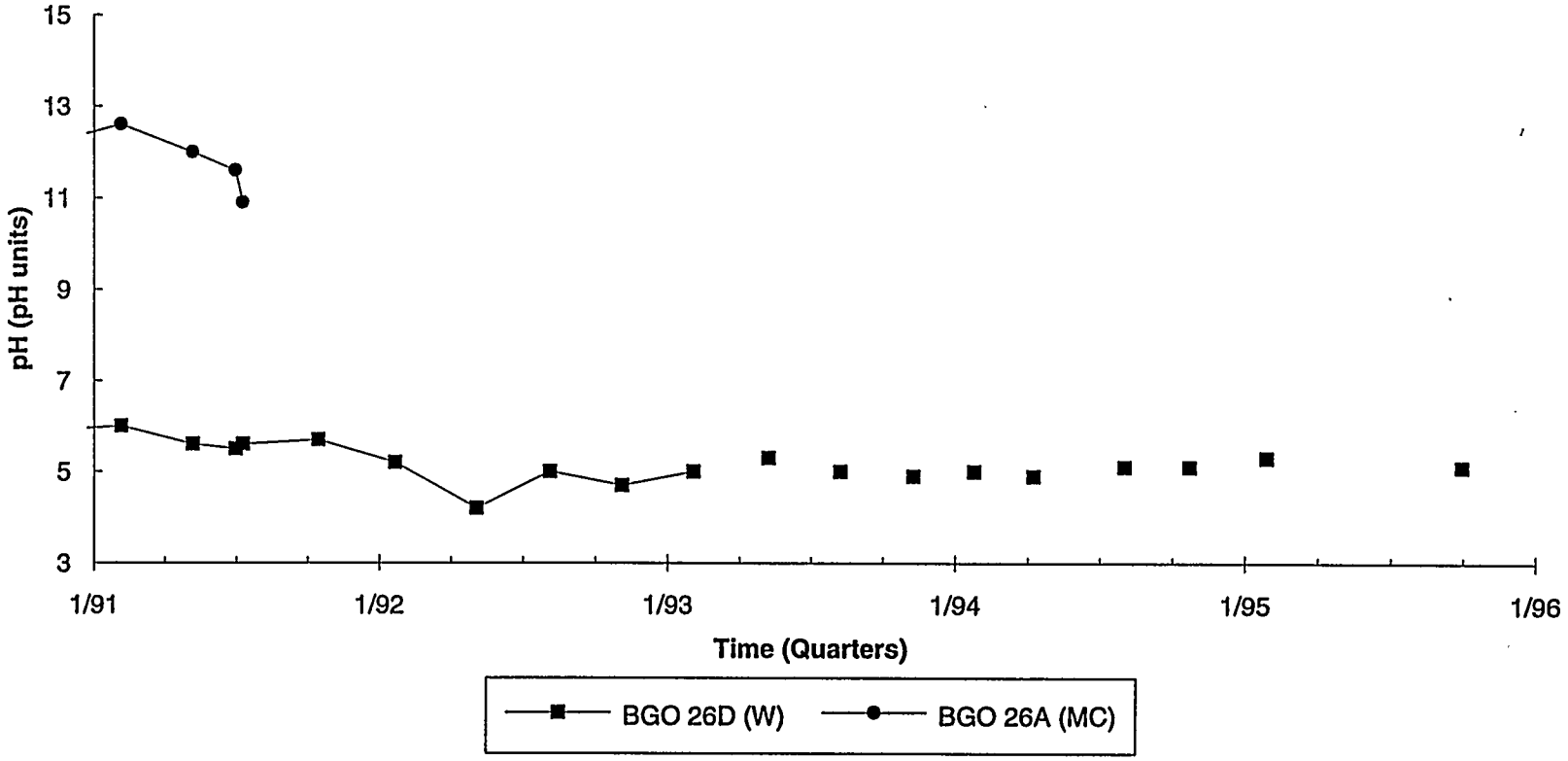
Note: W=Water Table (IIB2); M=McBean (IIB1); B=Barnwell (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

pH
Well Cluster BGO 16

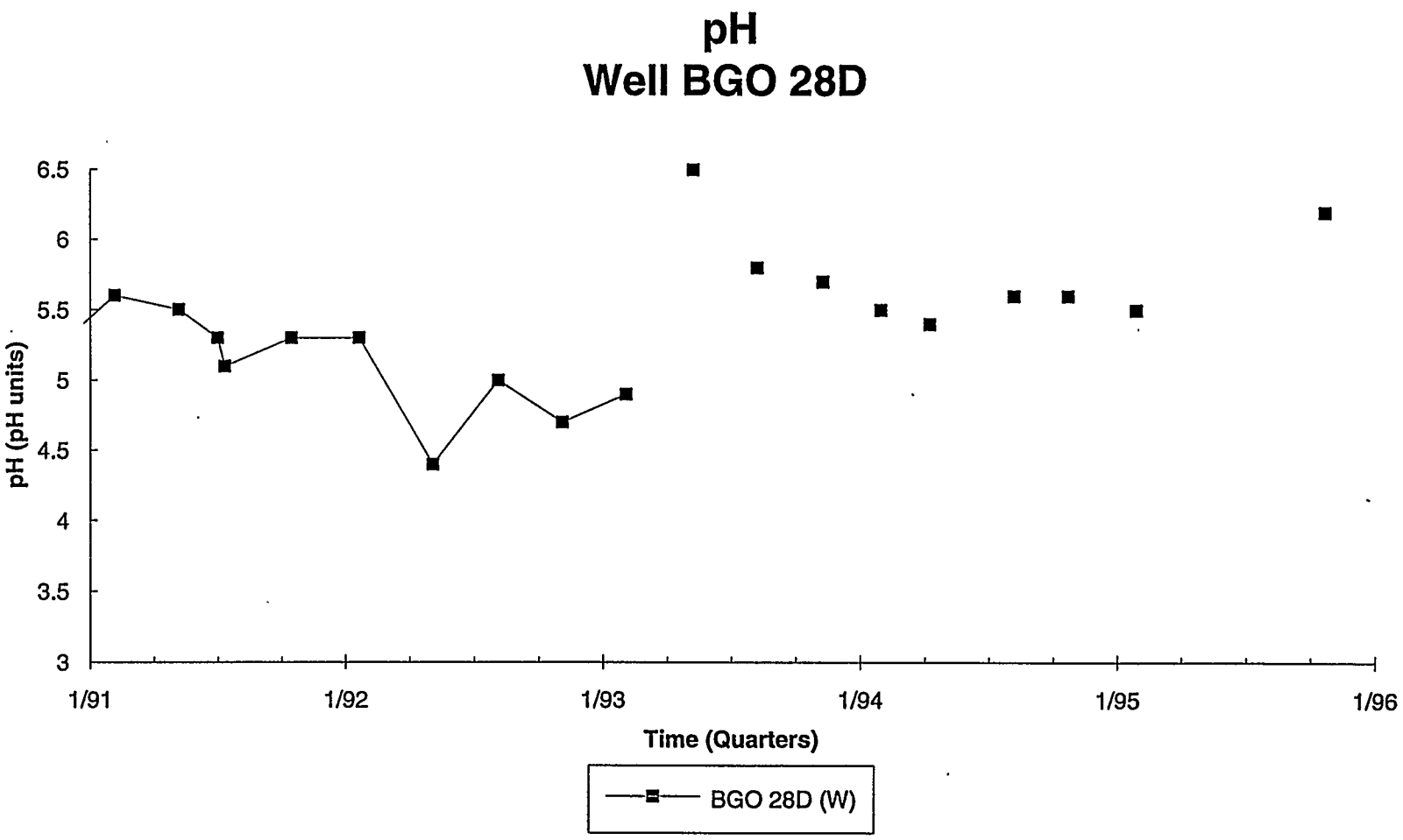


Note: W=Water Table (IIB2); M=McBean (IIB1); B=Barnwell (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

pH
Well Cluster BGO 26

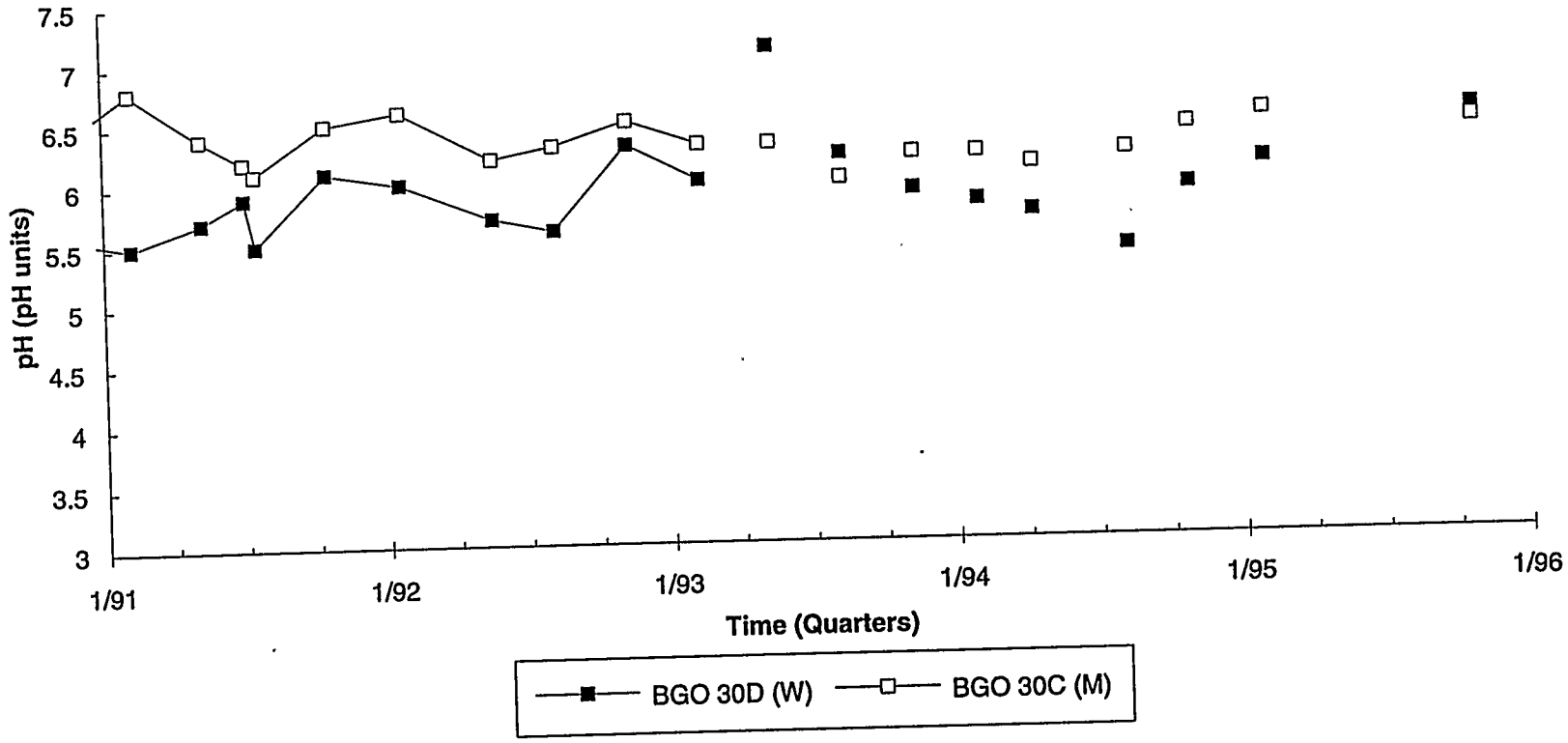


Note: W=Water Table (IIB2); M=McBean (IIB1); B=Barnwell (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)



Note: W=Water Table (IIB2); M=McBean (IIB1); B=Barnwell (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

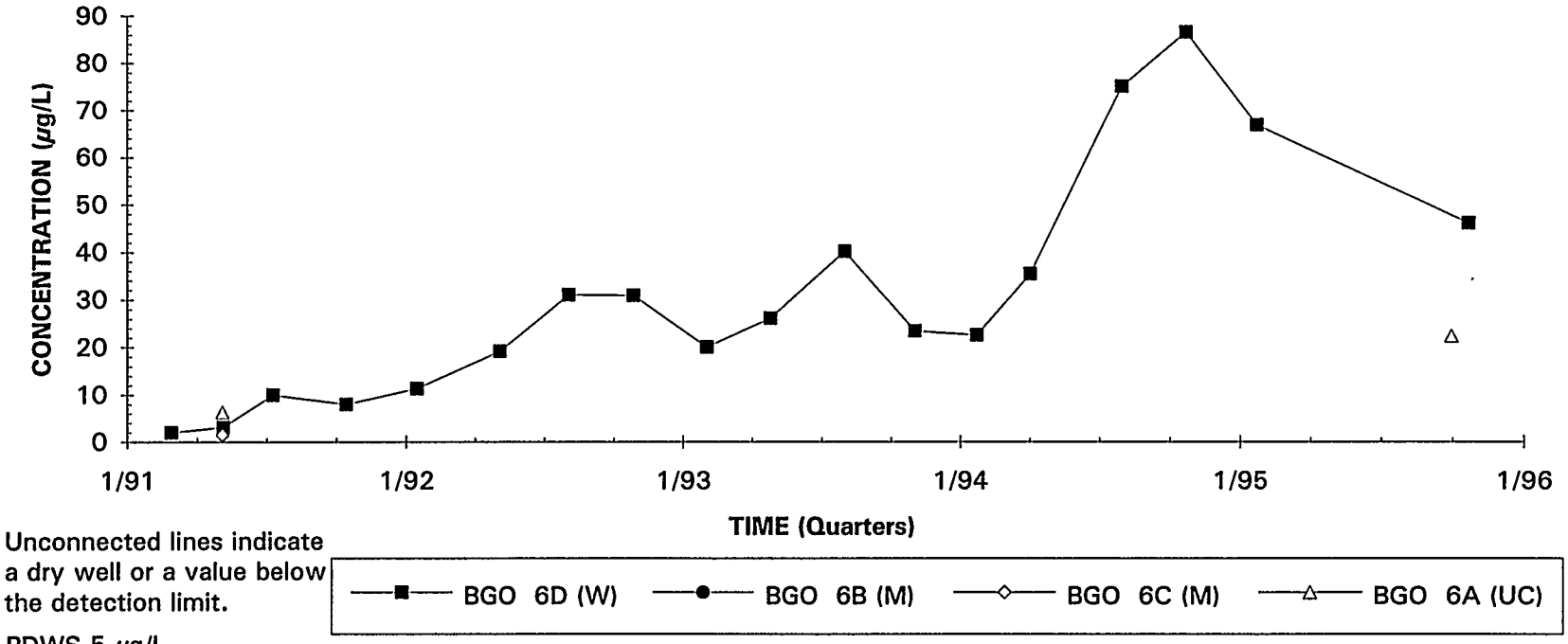
pH
Well Cluster BGO 30



Note: W=Water Table (IIB2); M=McBean (IIB1); B=Barnwell (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

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Trichloroethylene Concentrations
Well Cluster BGO 6

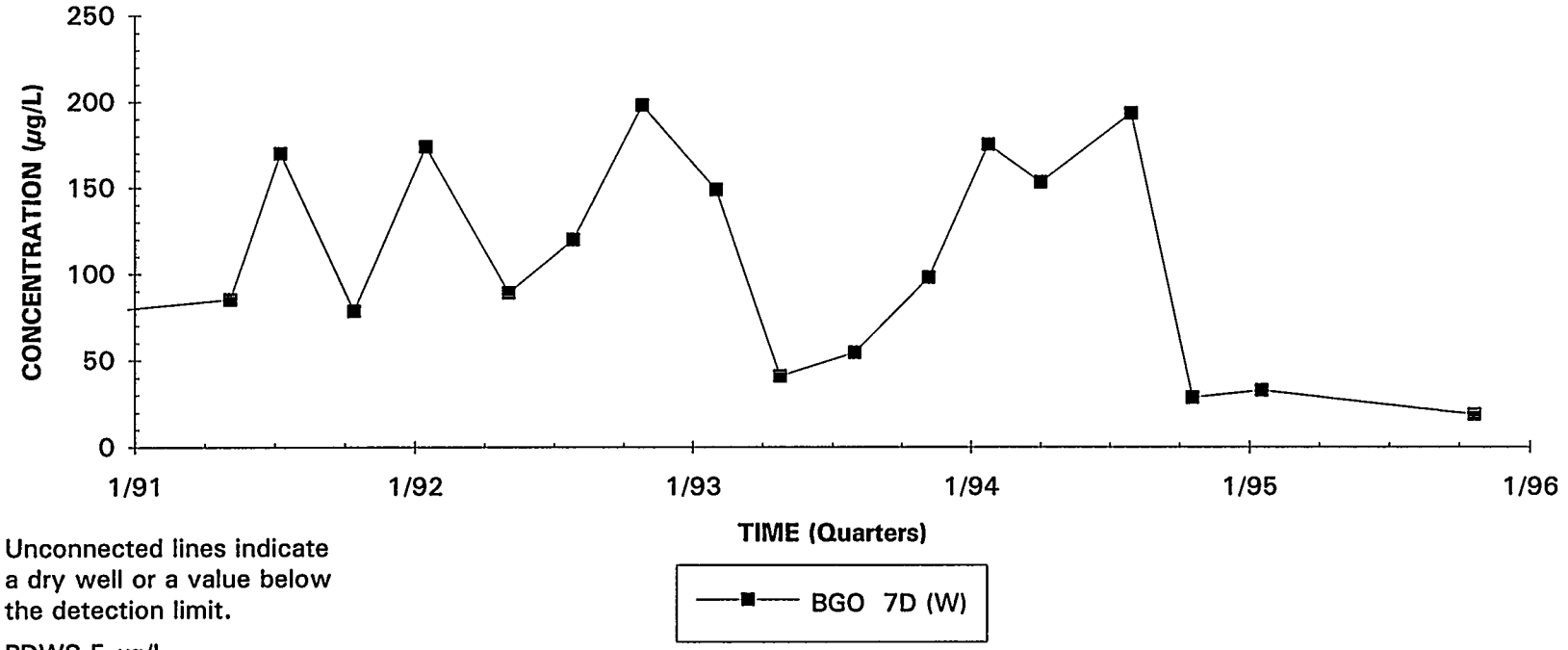


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 5 µg/L

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Trichloroethylene Concentrations
Well Cluster BGO 7

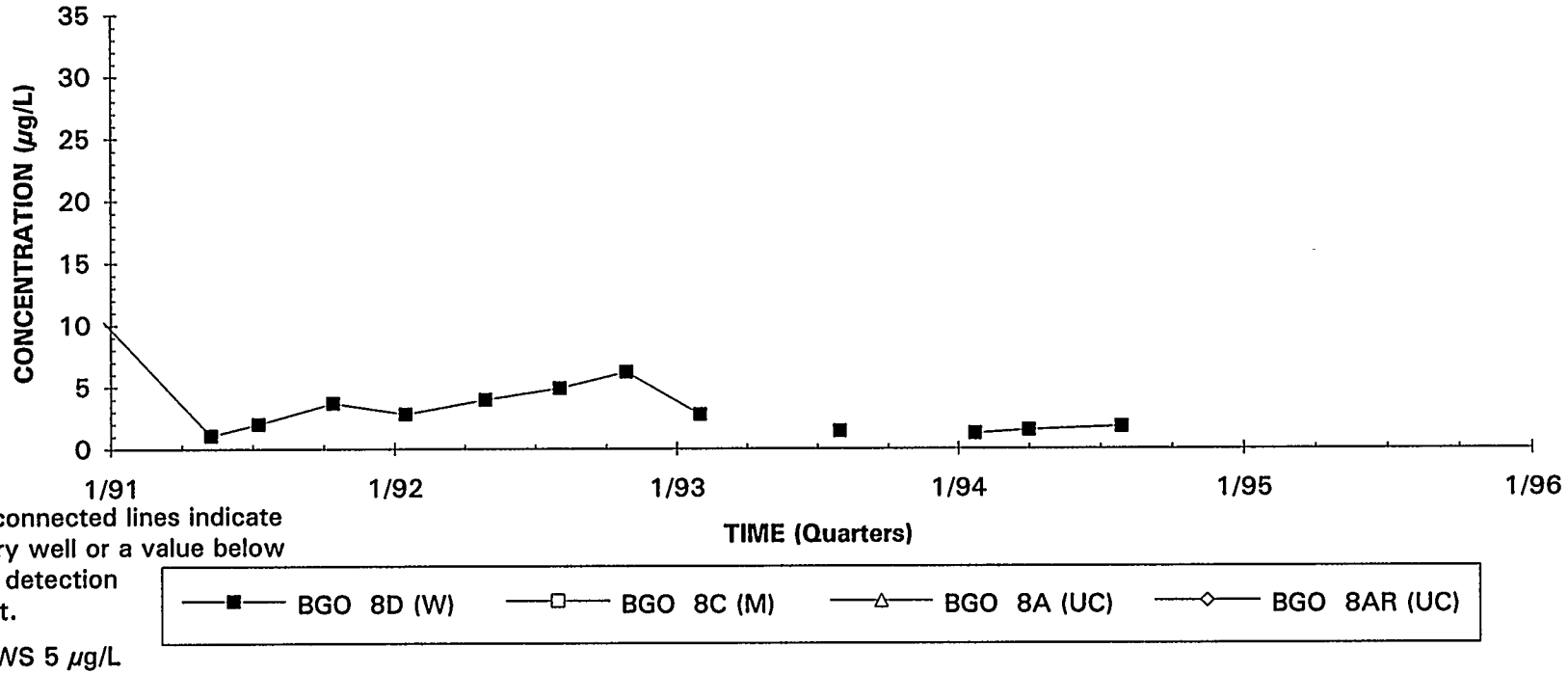


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 5 µg/L

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Trichloroethylene Concentrations
Well Cluster BGO 8

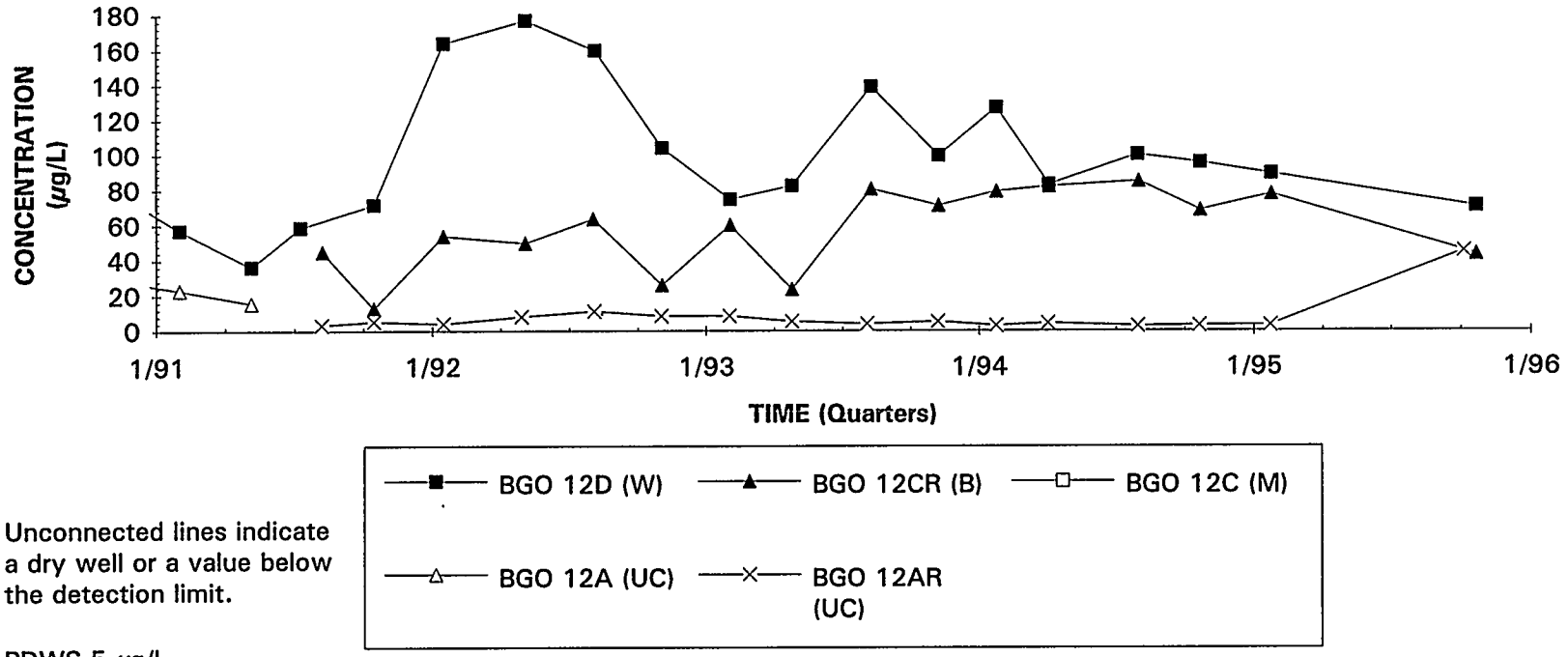


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 5 µg/L

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Trichloroethylene Concentrations
Well Cluster BGO 12

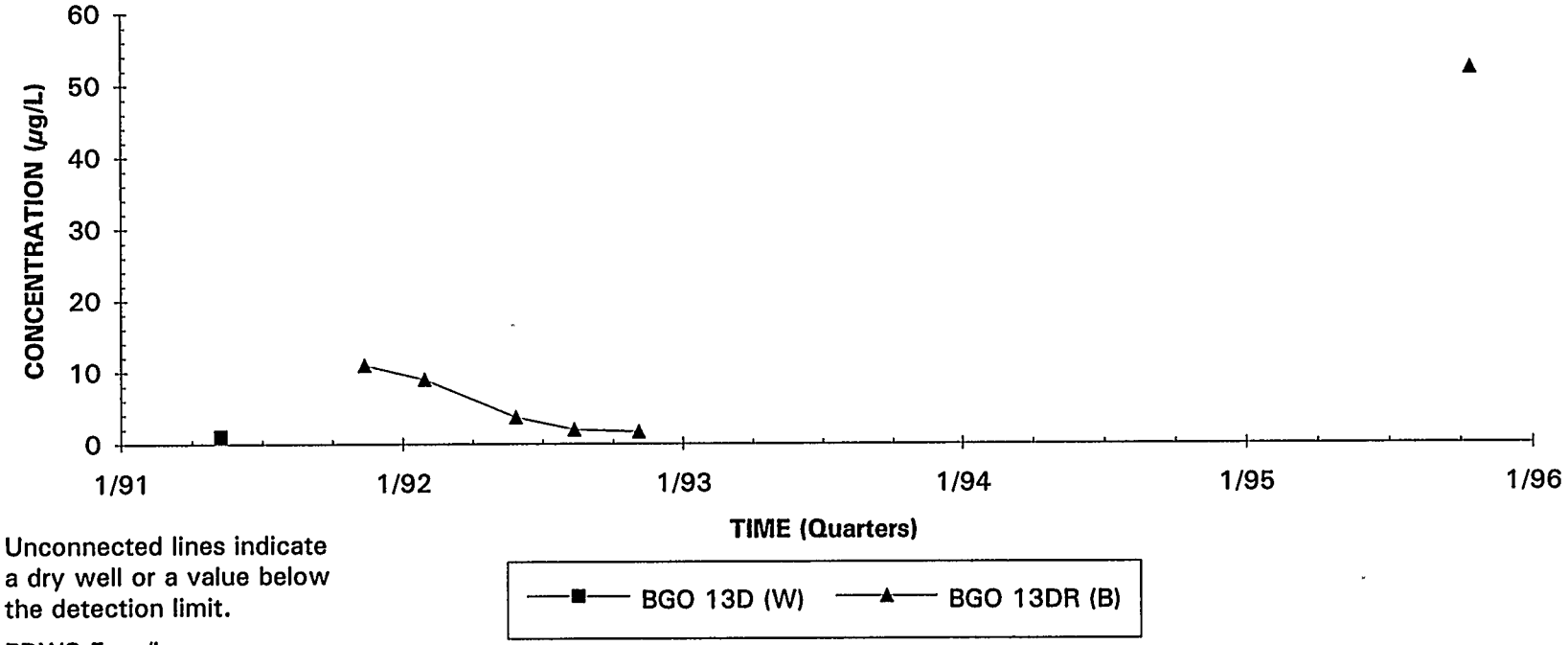


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 5 µg/L

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Trichloroethylene Concentrations
Well Cluster BGO 13

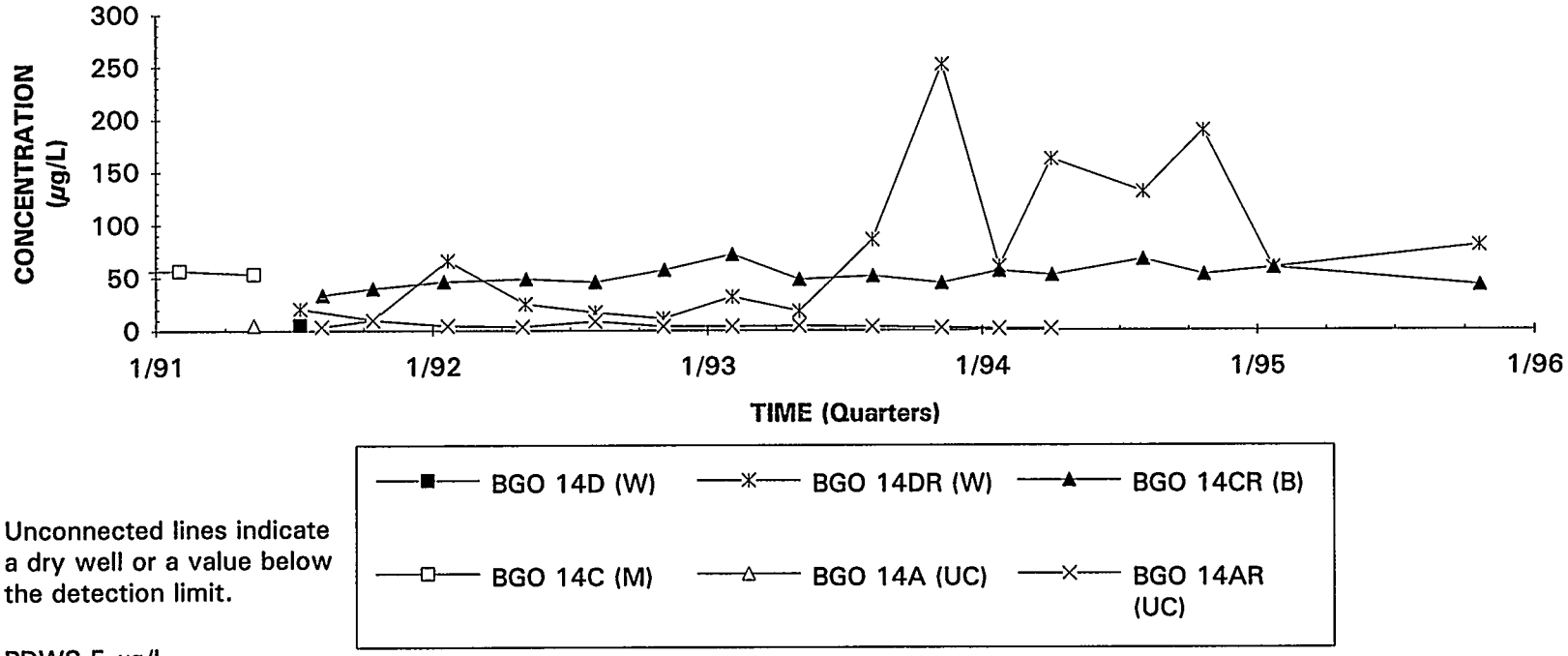


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 5 µg/L

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Trichloroethylene Concentrations
Well Cluster BGO 14

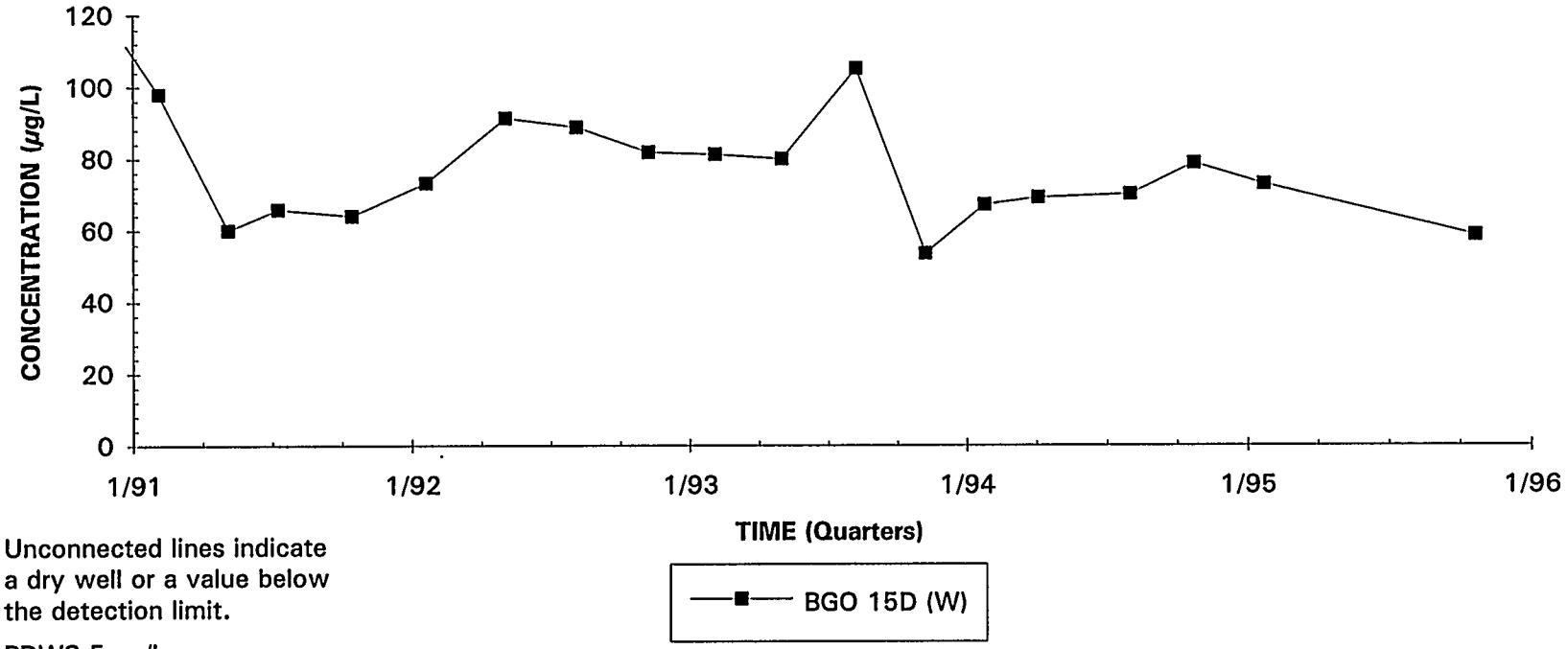


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 5 µg/L

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Trichloroethylene Concentrations
Well BGO 15

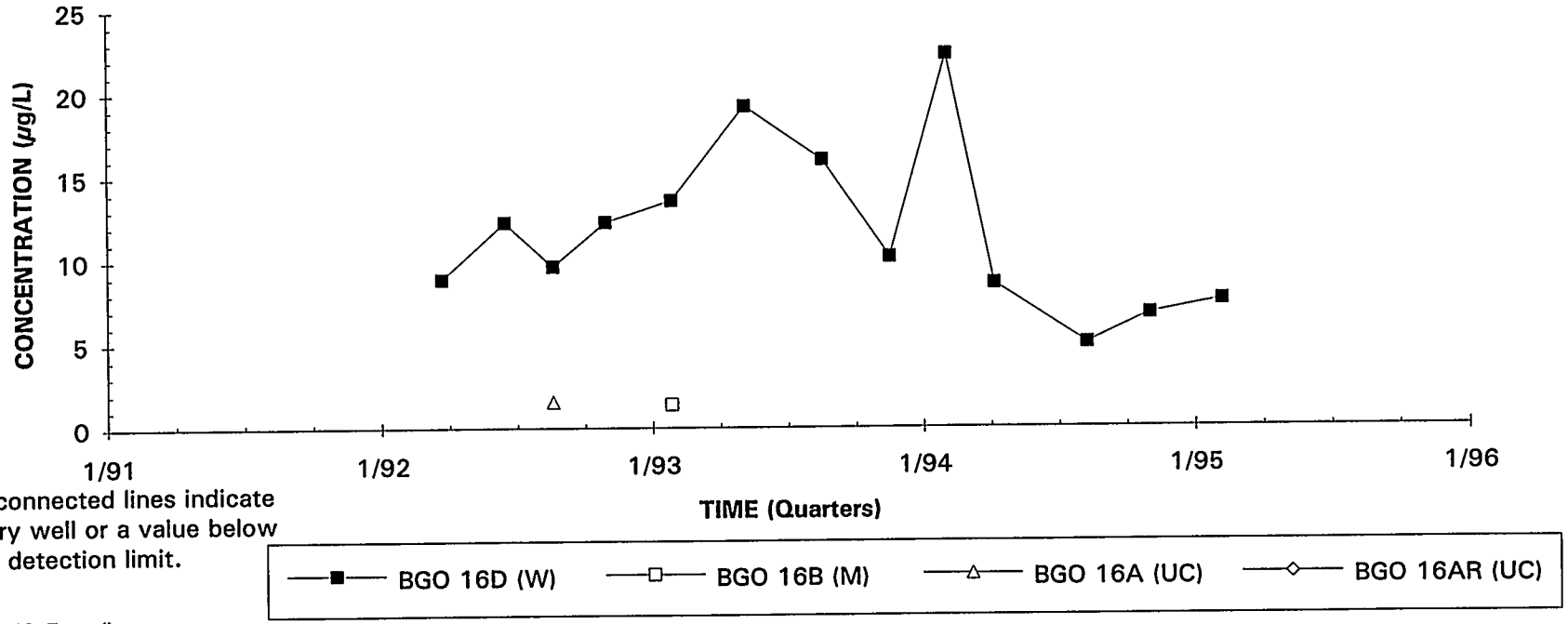


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 5 µg/L

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Trichloroethylene Concentrations
Well Cluster BGO 16

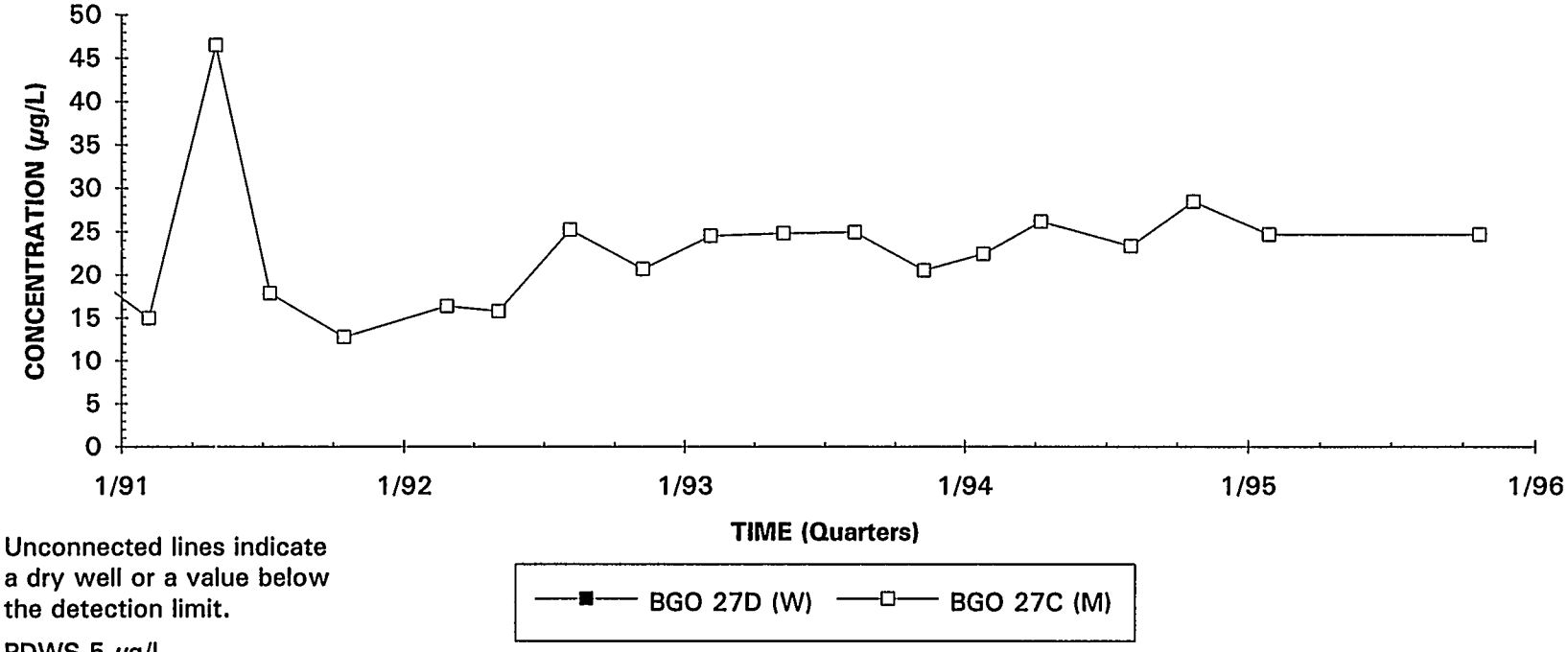


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 5 µg/L

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Trichloroethylene Concentrations
Well Cluster BGO 27

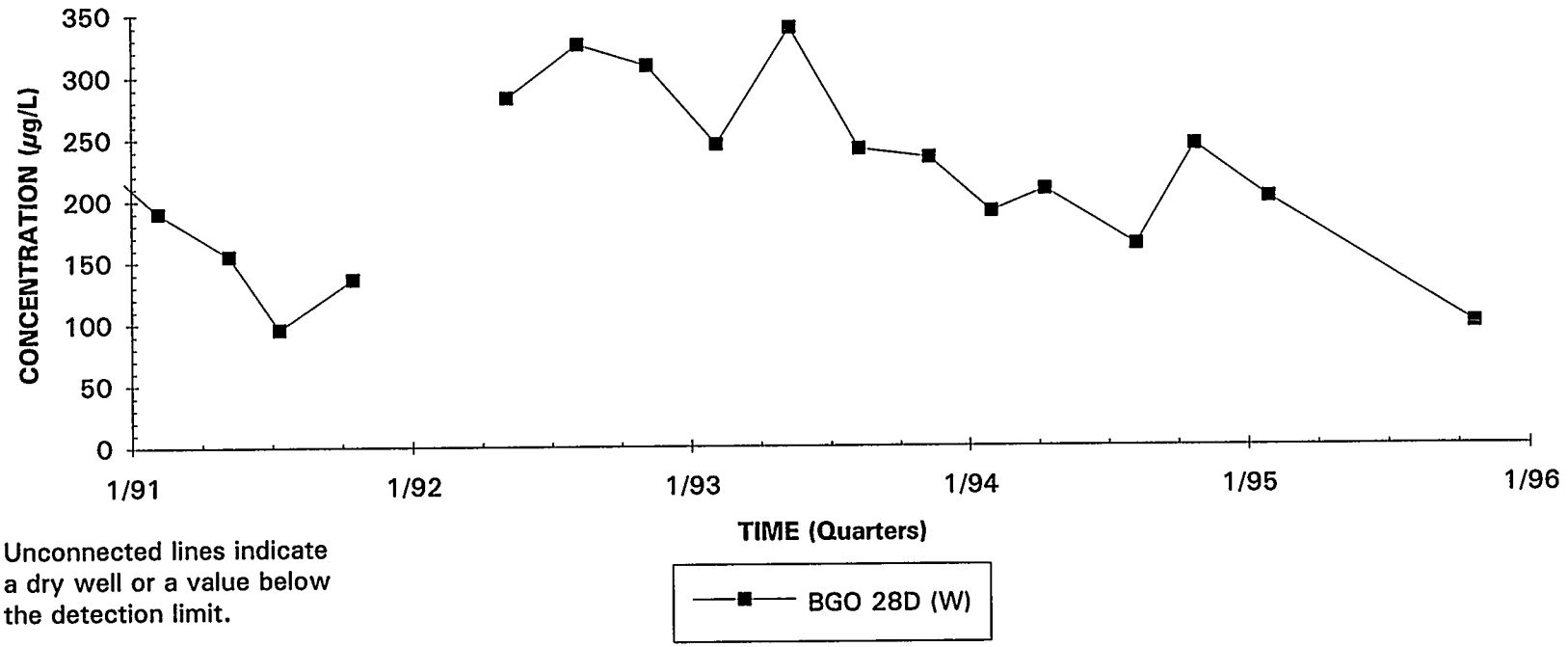


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 5 µg/L

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Trichloroethylene Concentrations
Well Cluster BGO 28

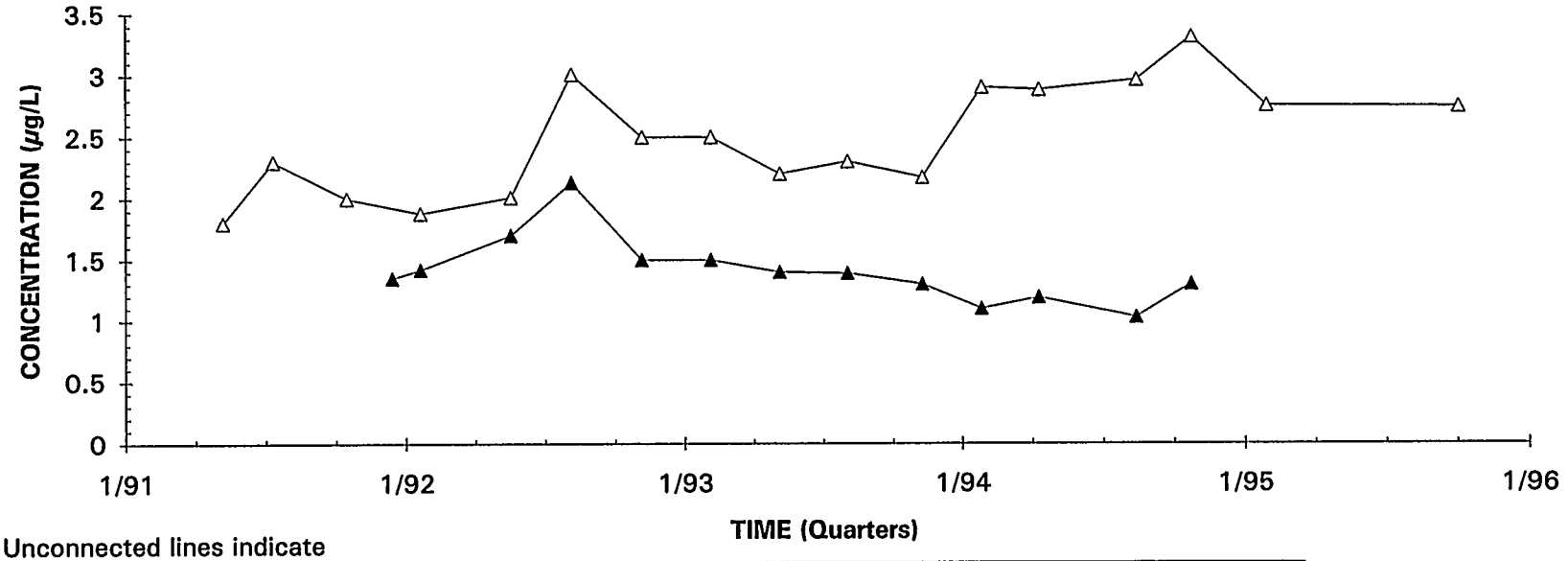


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 5 µg/L

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Trichloroethylene Concentrations
Well Cluster BGO 29

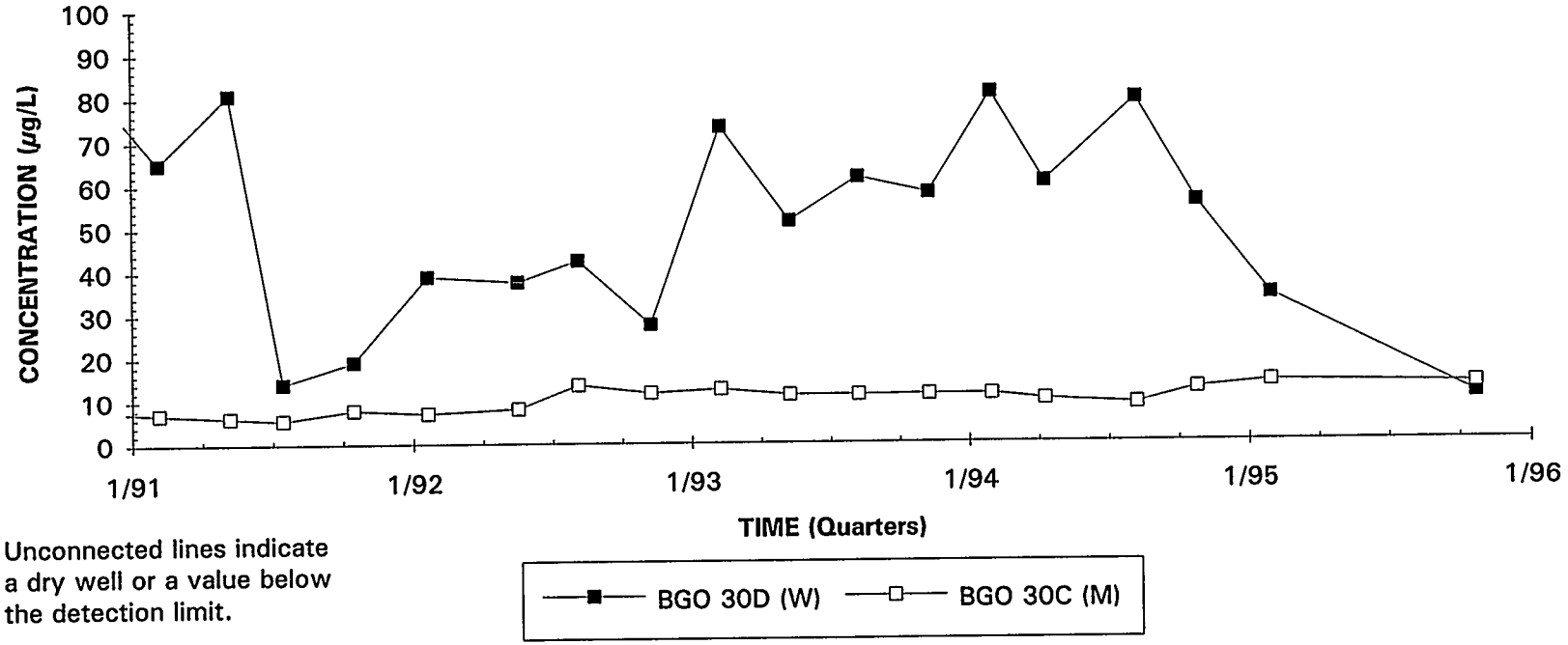


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 5 µg/L

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Trichloroethylene Concentrations
Well Cluster BGO 30

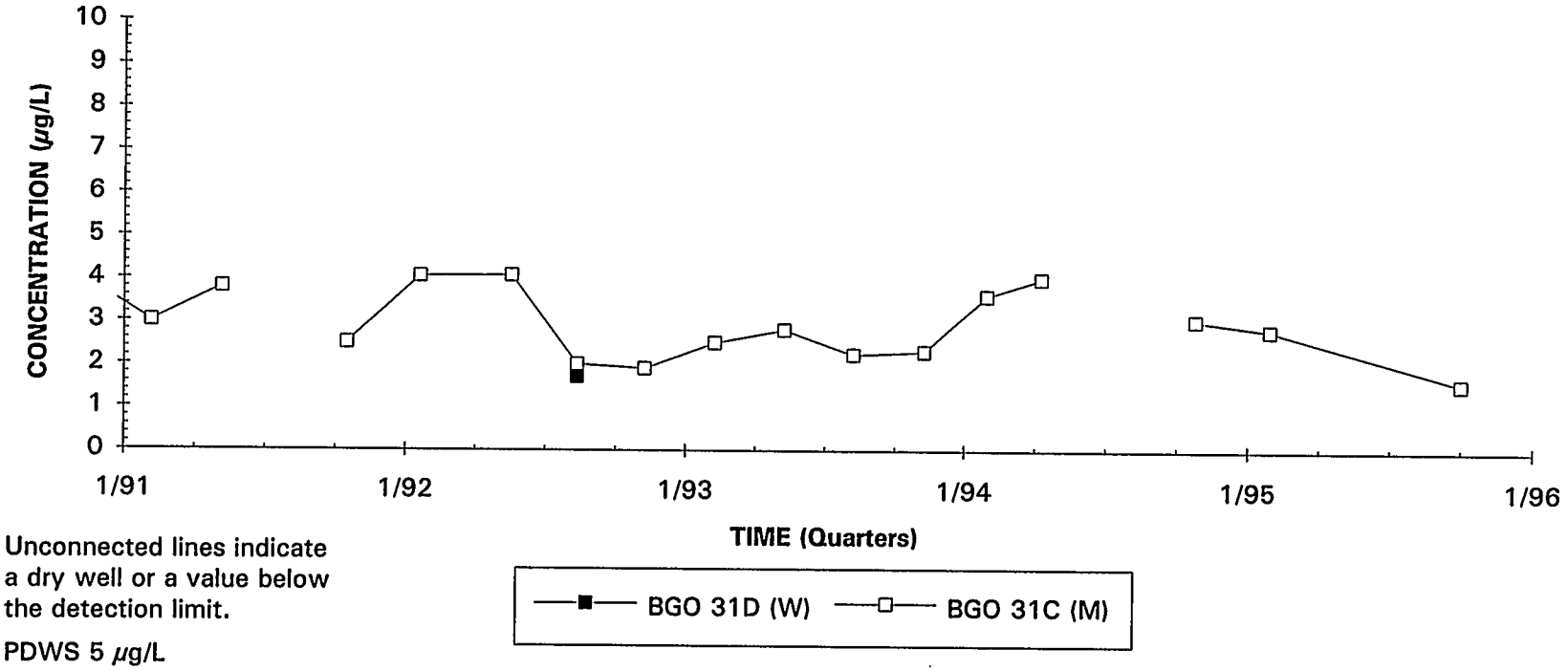


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 5 µg/L

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Trichloroethylene Concentrations
Well Cluster BGO 31

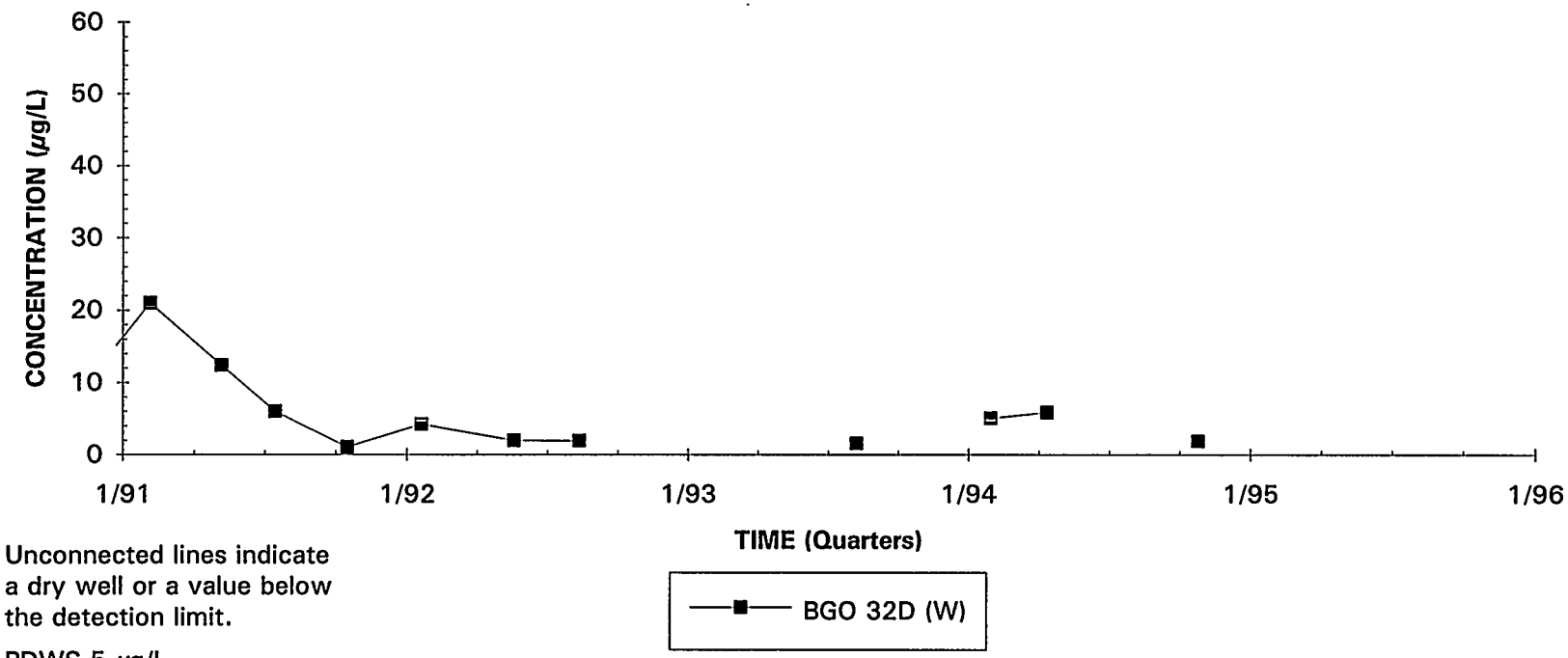


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 5 µg/L

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Trichloroethylene Concentrations
Well BGO 32D

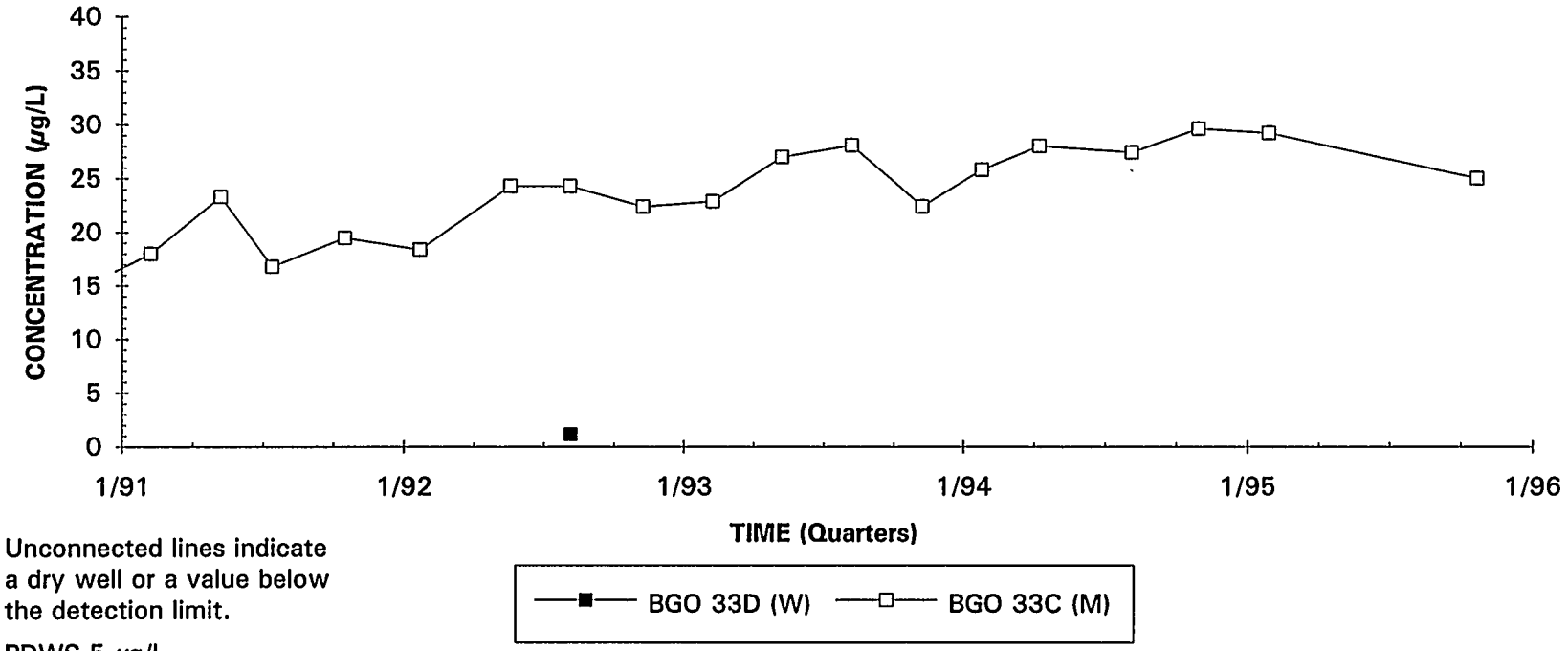


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 5 µg/L

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Trichloroethylene Concentrations
Well Cluster BGO 33

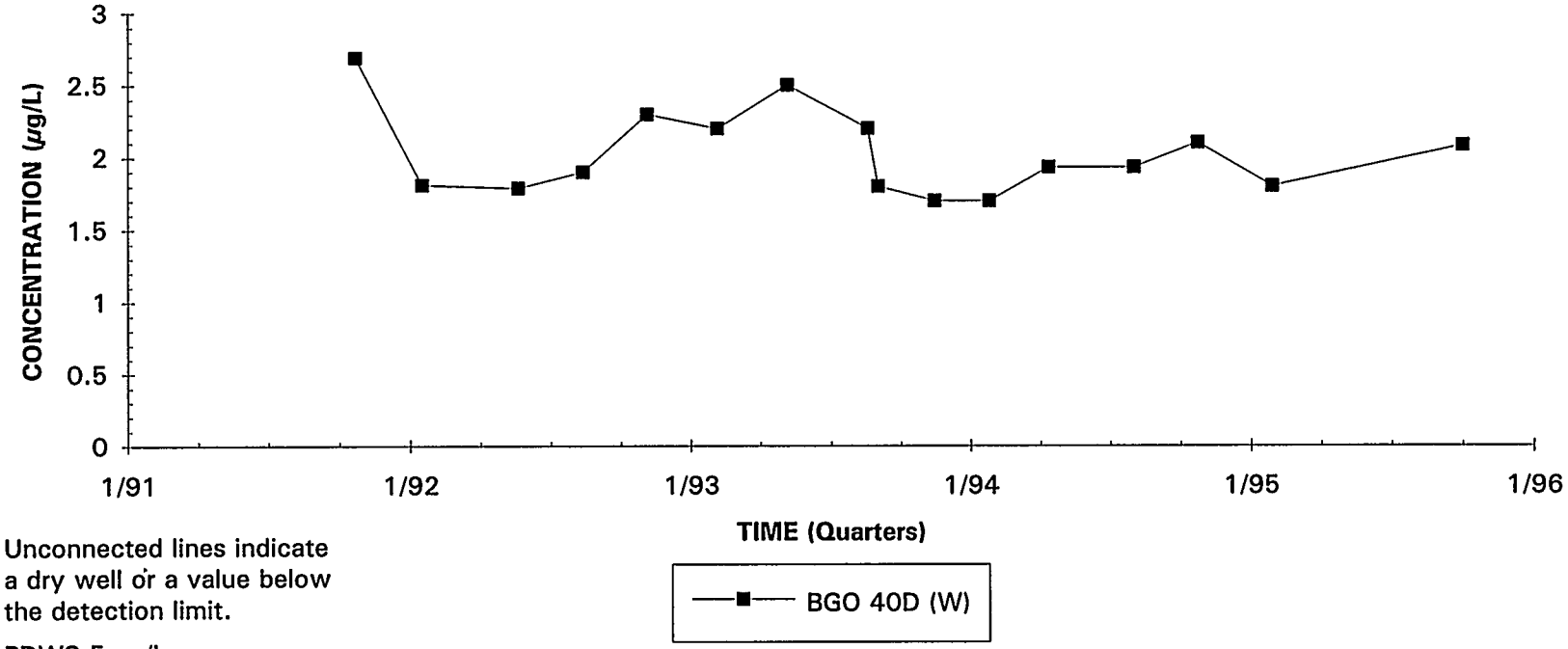


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 5 µg/L

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Trichloroethylene Concentrations
Well BGO 40D

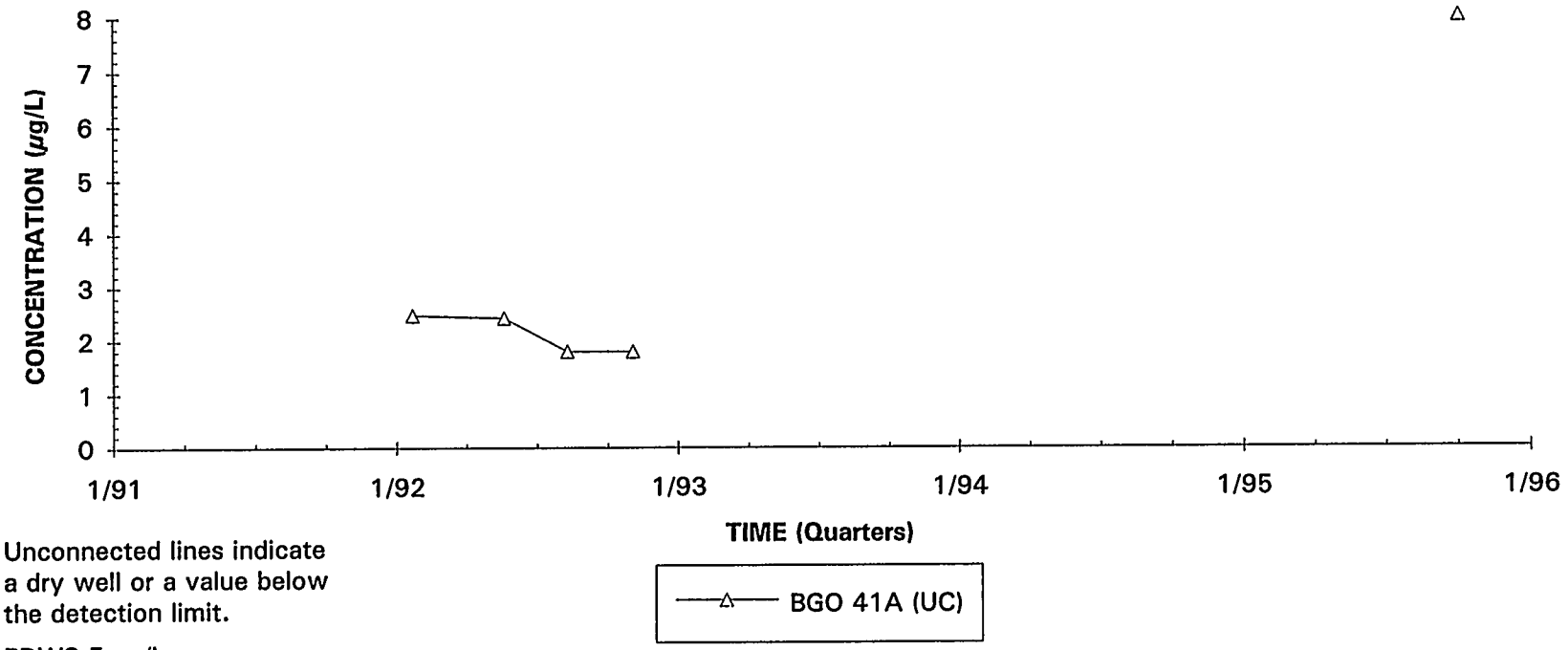


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 5 µg/L

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Trichloroethylene Concentrations
Well BGO 41A

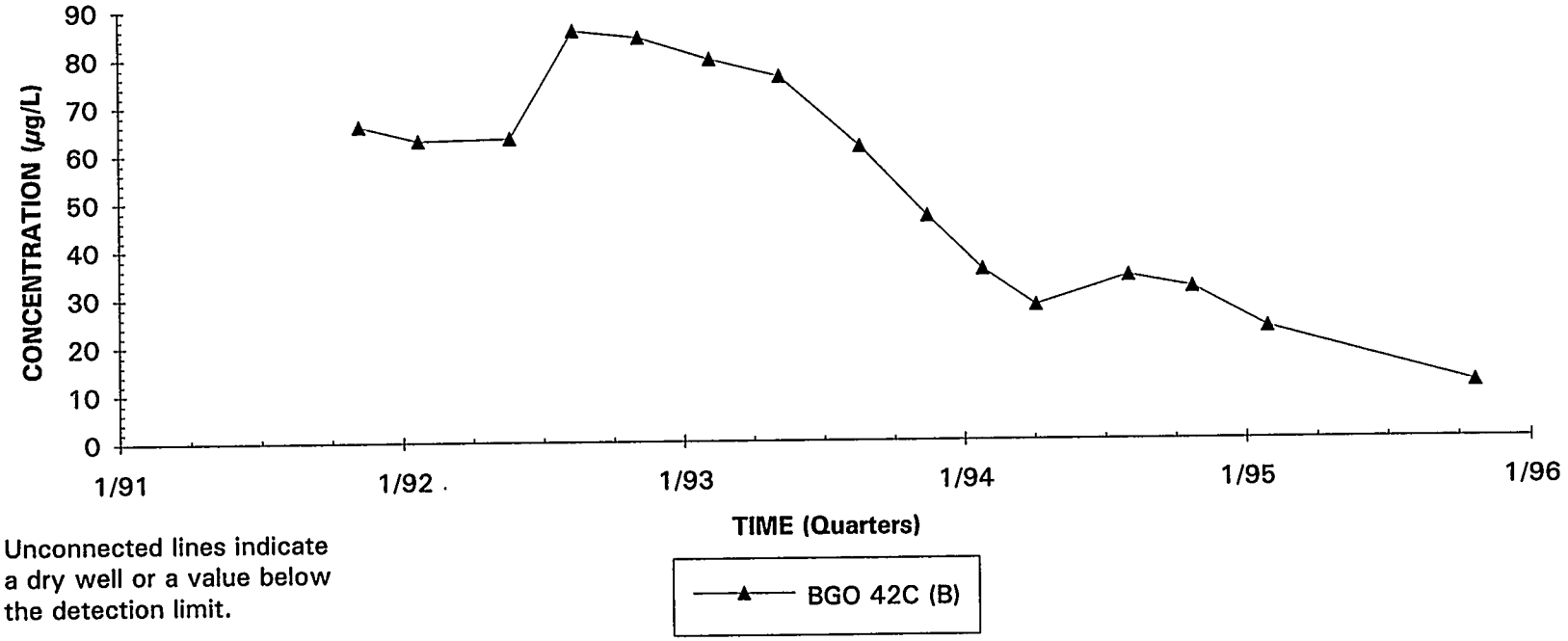


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 5 µg/L

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Trichloroethylene Concentrations
Well BGO 42C

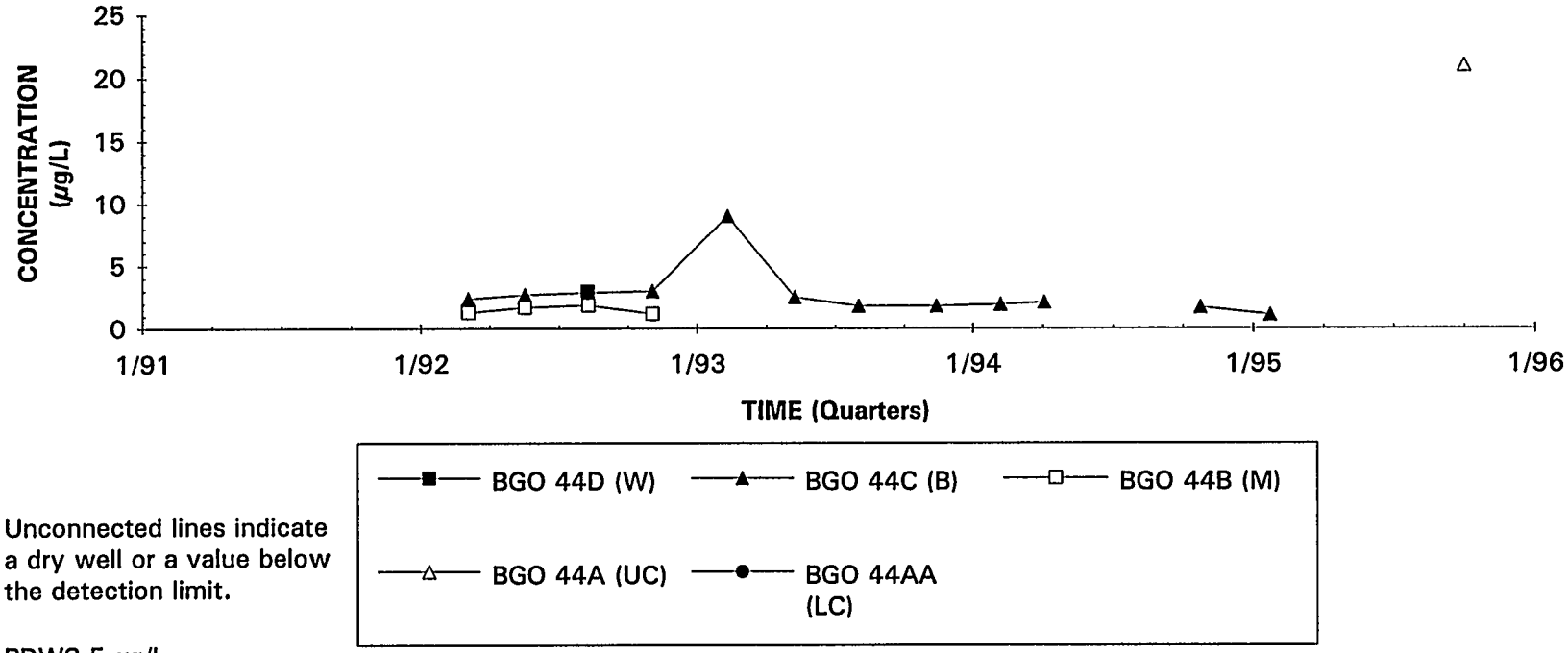


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 5 µg/L

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Trichloroethylene Concentrations
Well Cluster BGO 44

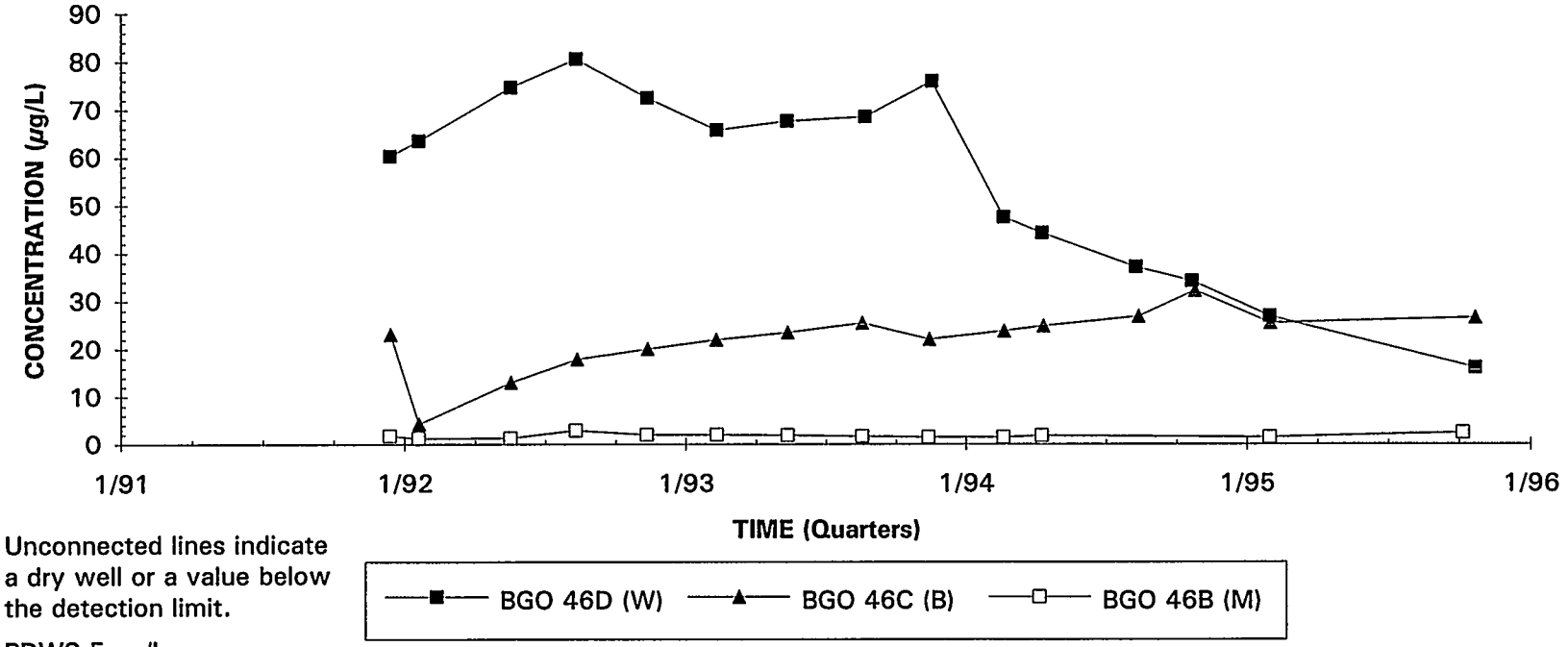


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 5 µg/L

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Trichloroethylene Concentrations
Well Cluster BGO 46

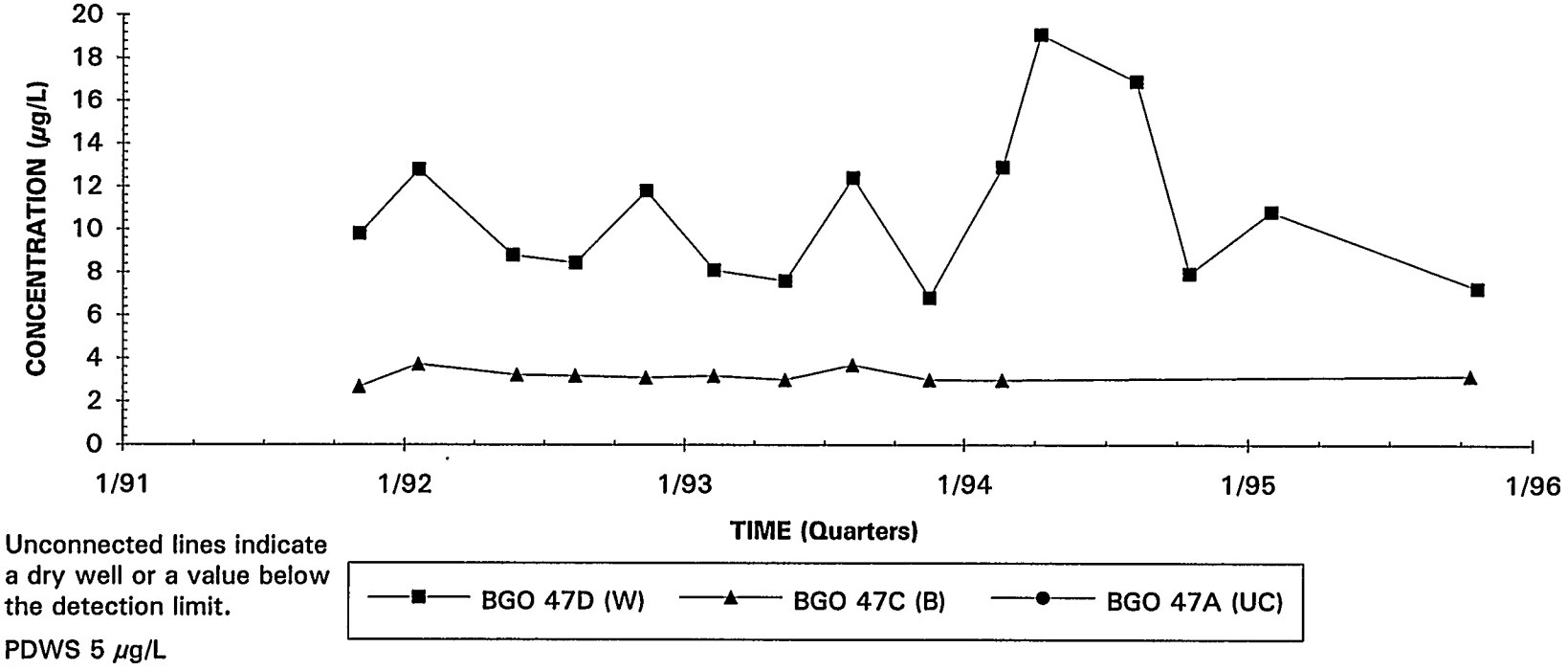


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 5 µg/L

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Trichloroethylene Concentrations
Well Cluster BGO 47

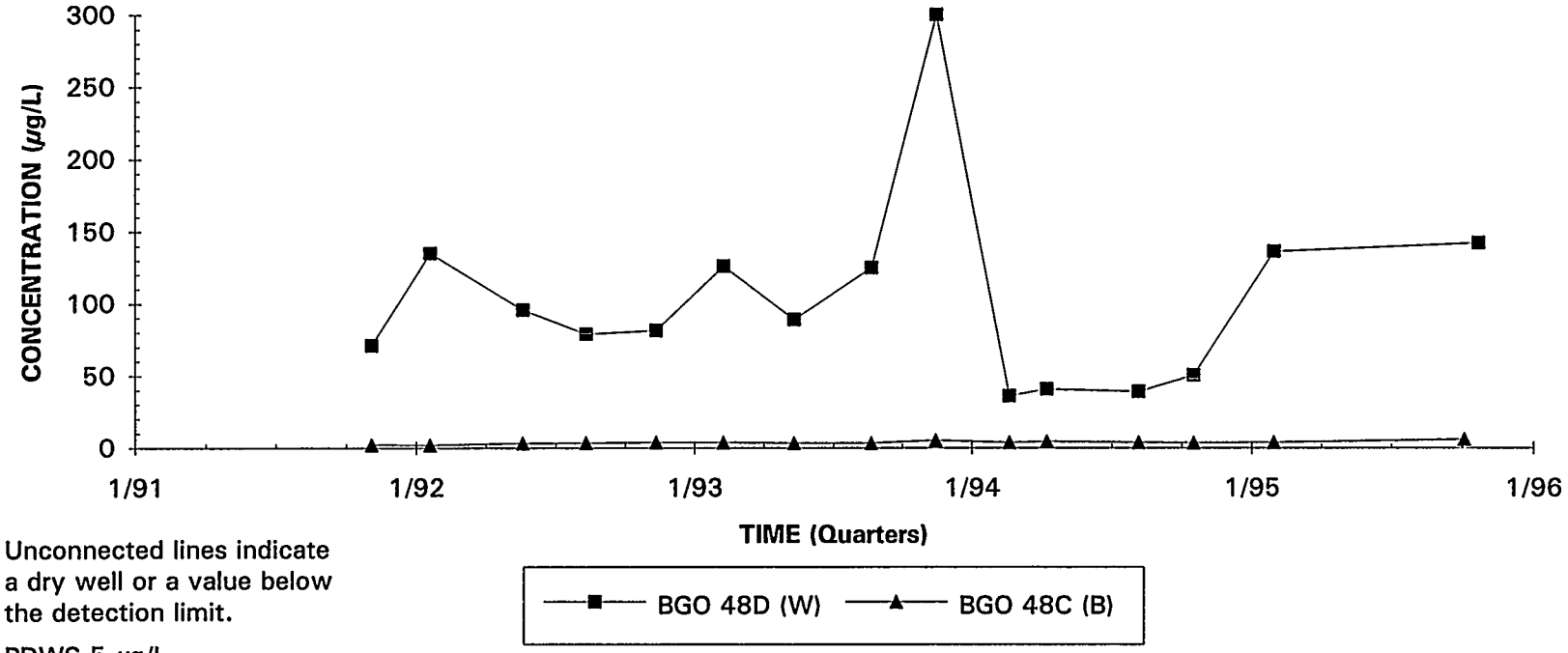


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 5 µg/L

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Trichloroethylene Concentrations
Well Cluster BGO 48

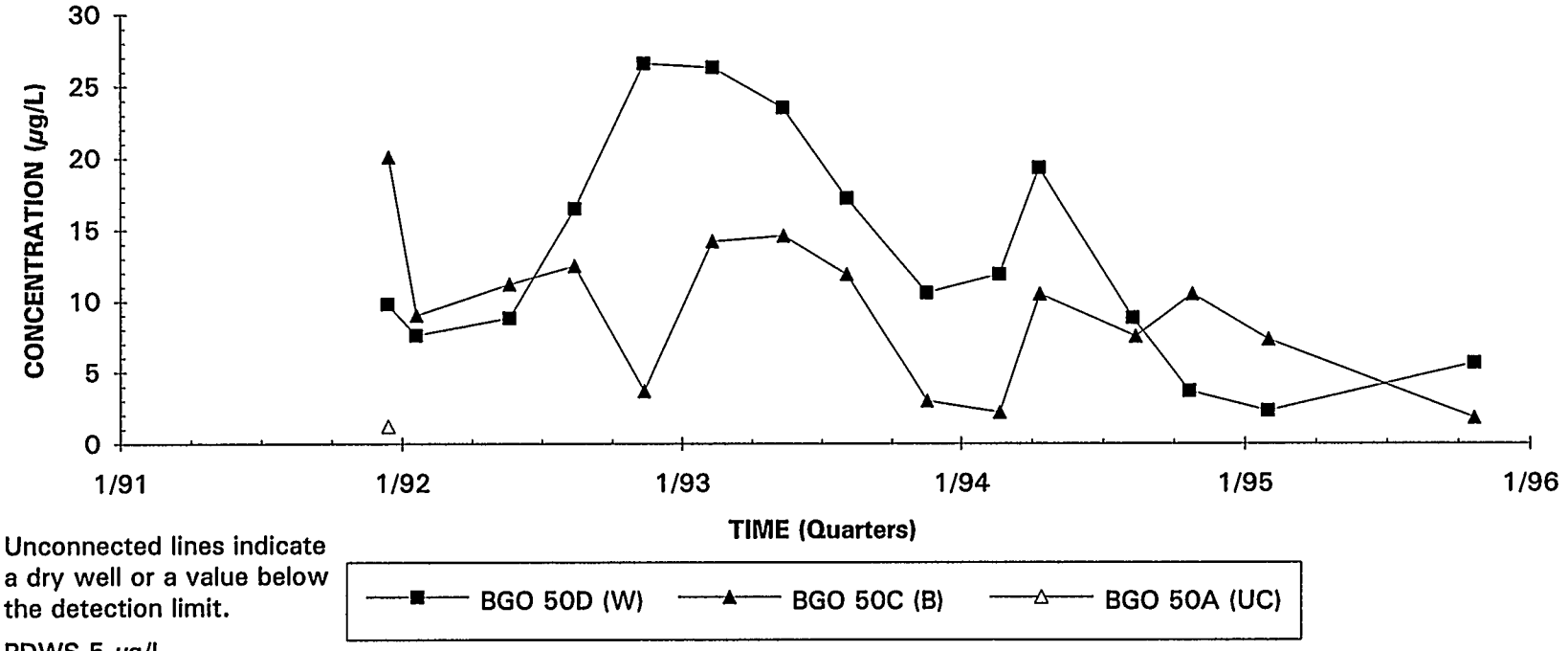


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 5 µg/L

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Trichloroethylene Concentrations
Well Cluster BGO 50

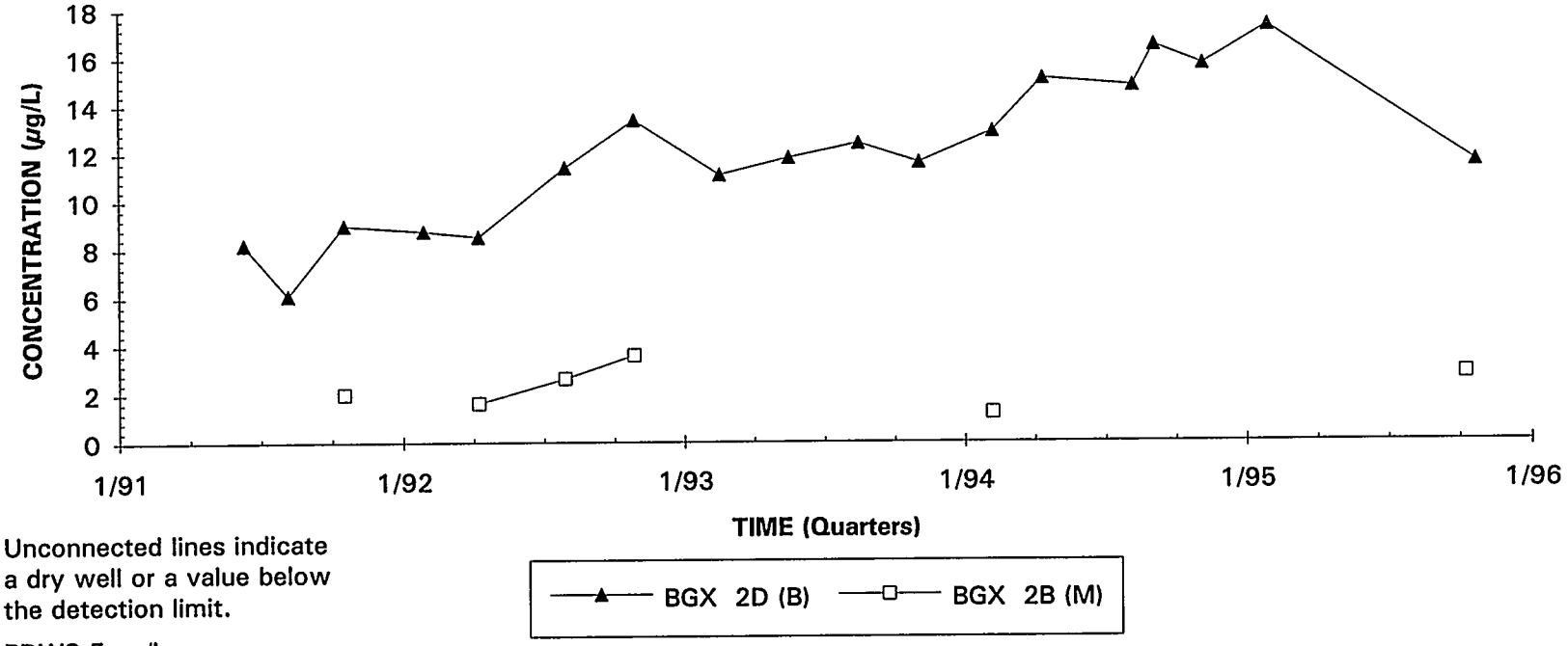


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 5 µg/L

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Trichloroethylene Concentrations
Well Cluster BGX 2

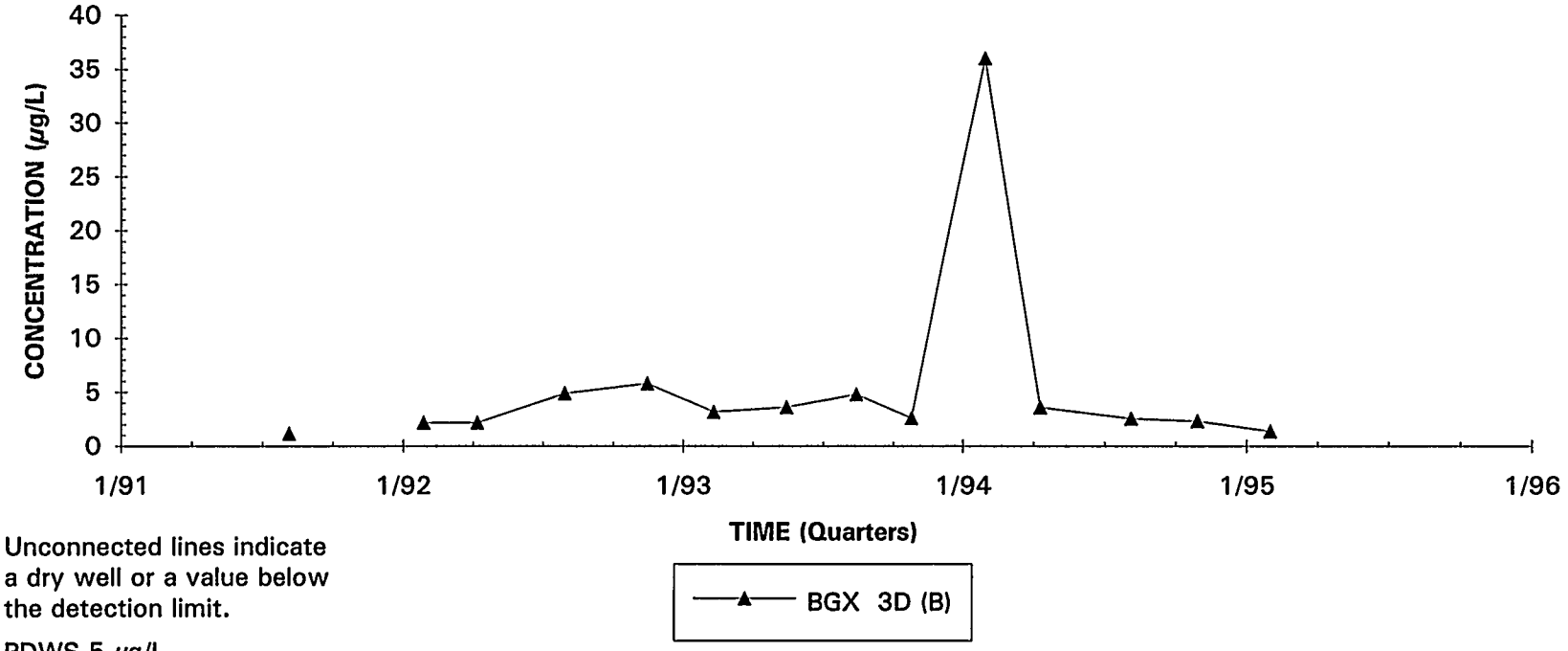


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 5 µg/L

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Trichloroethylene Concentrations
Well BGX 3D

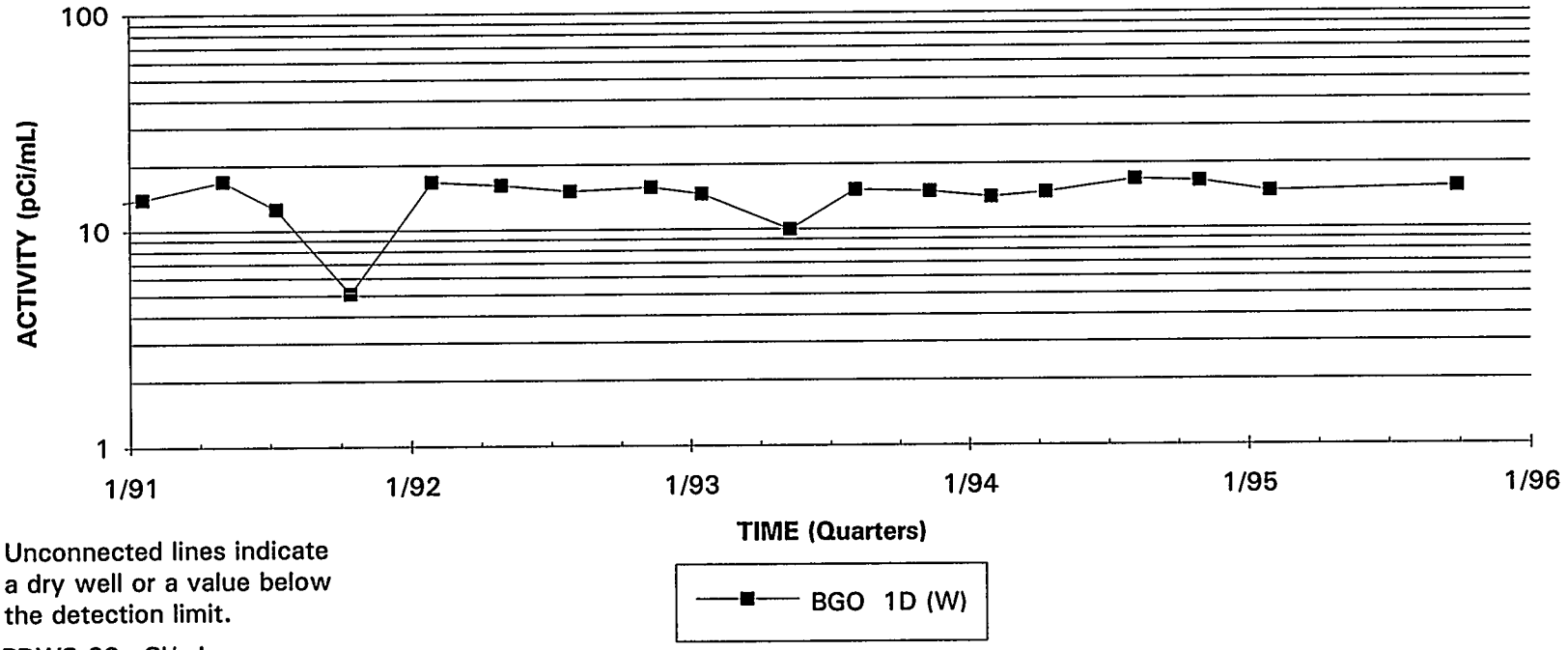


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 5 µg/L

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well BGO 1D

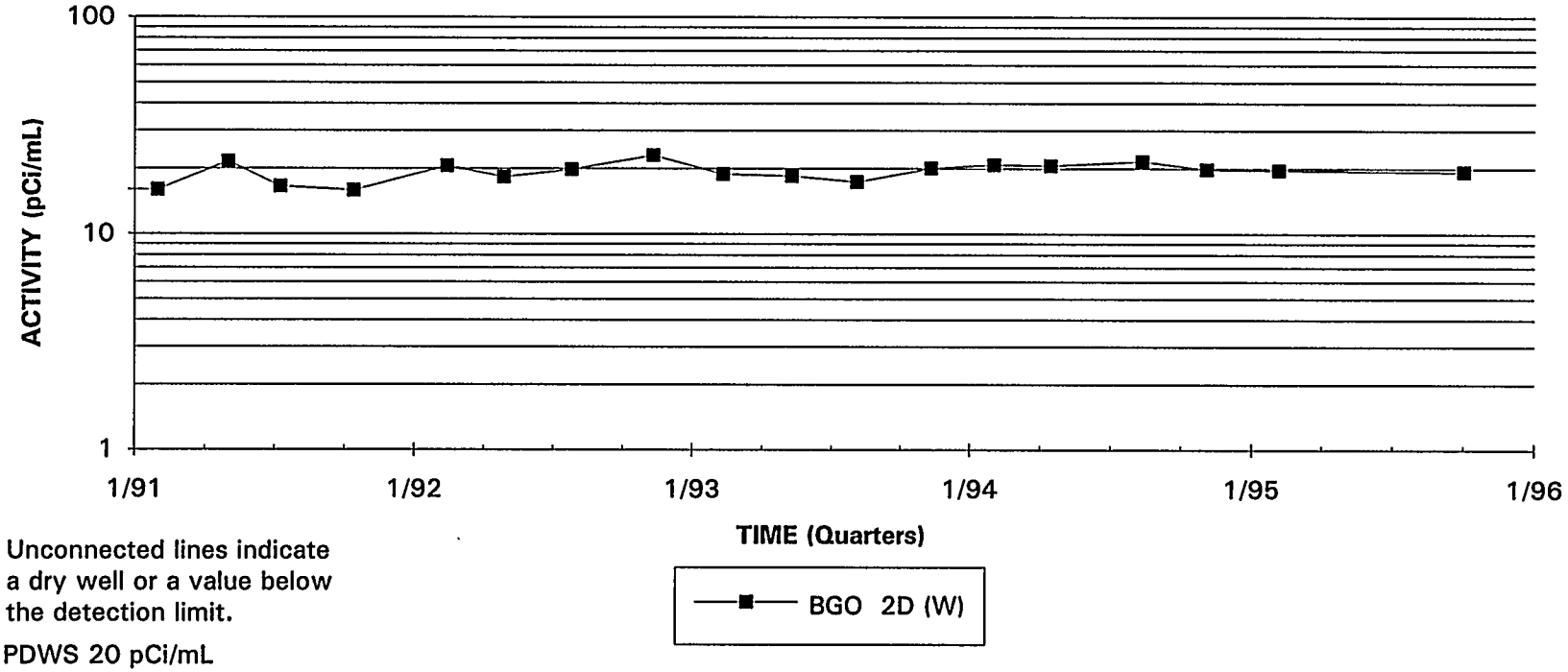


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well BGO 2D

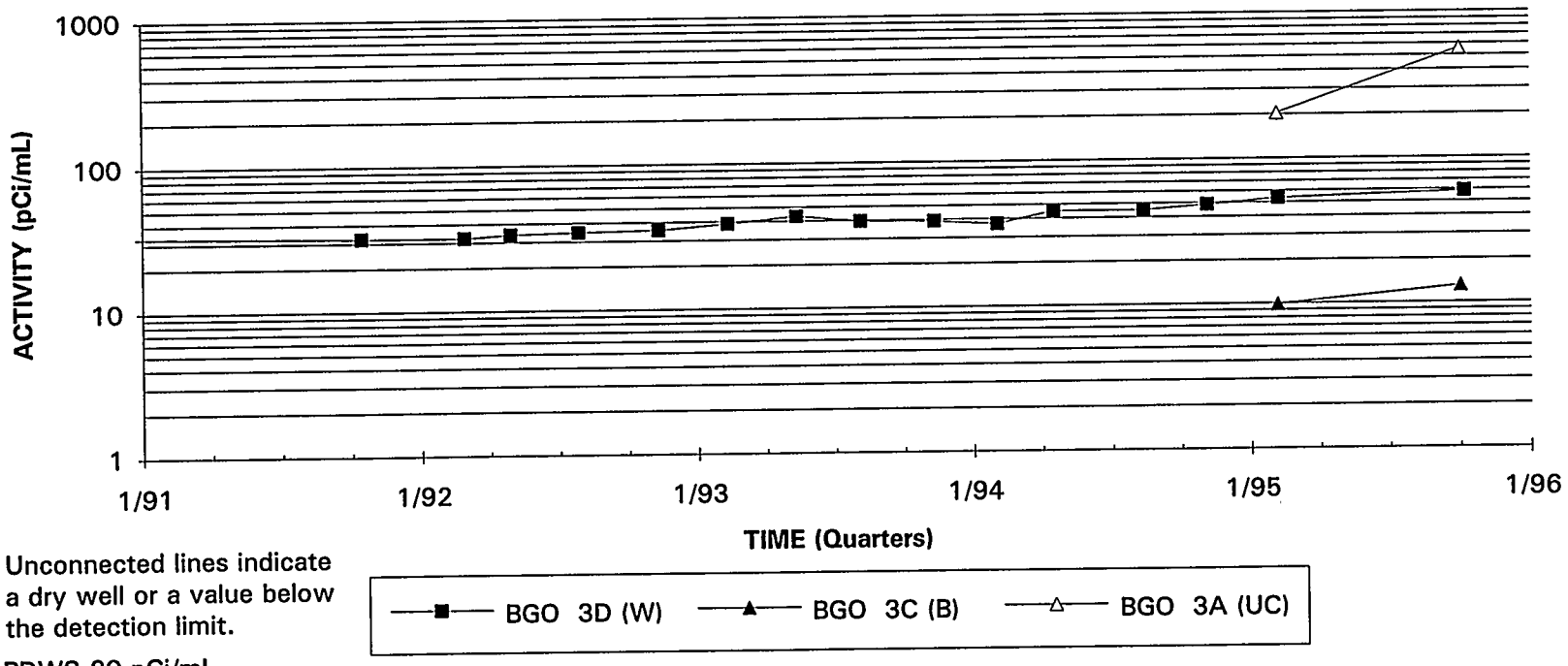


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well Cluster BGO 3

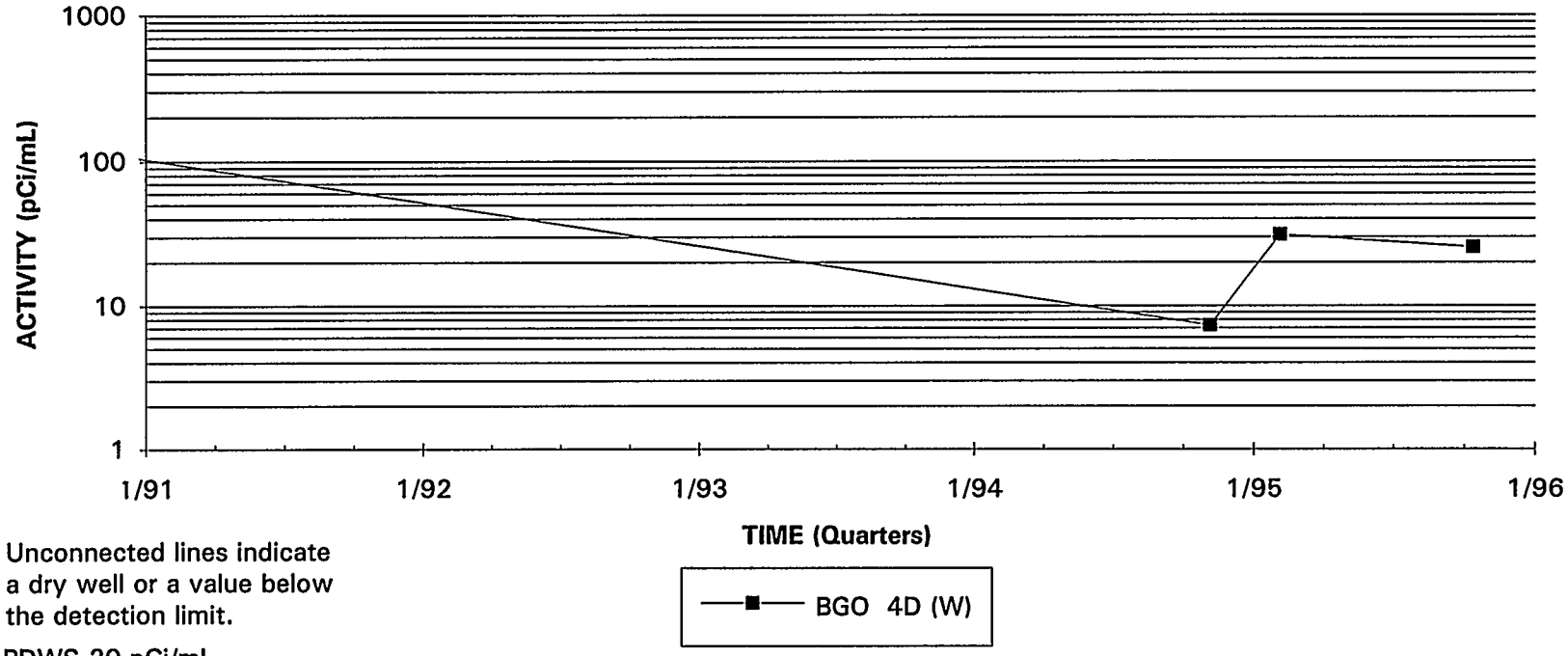


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well BGO 4D

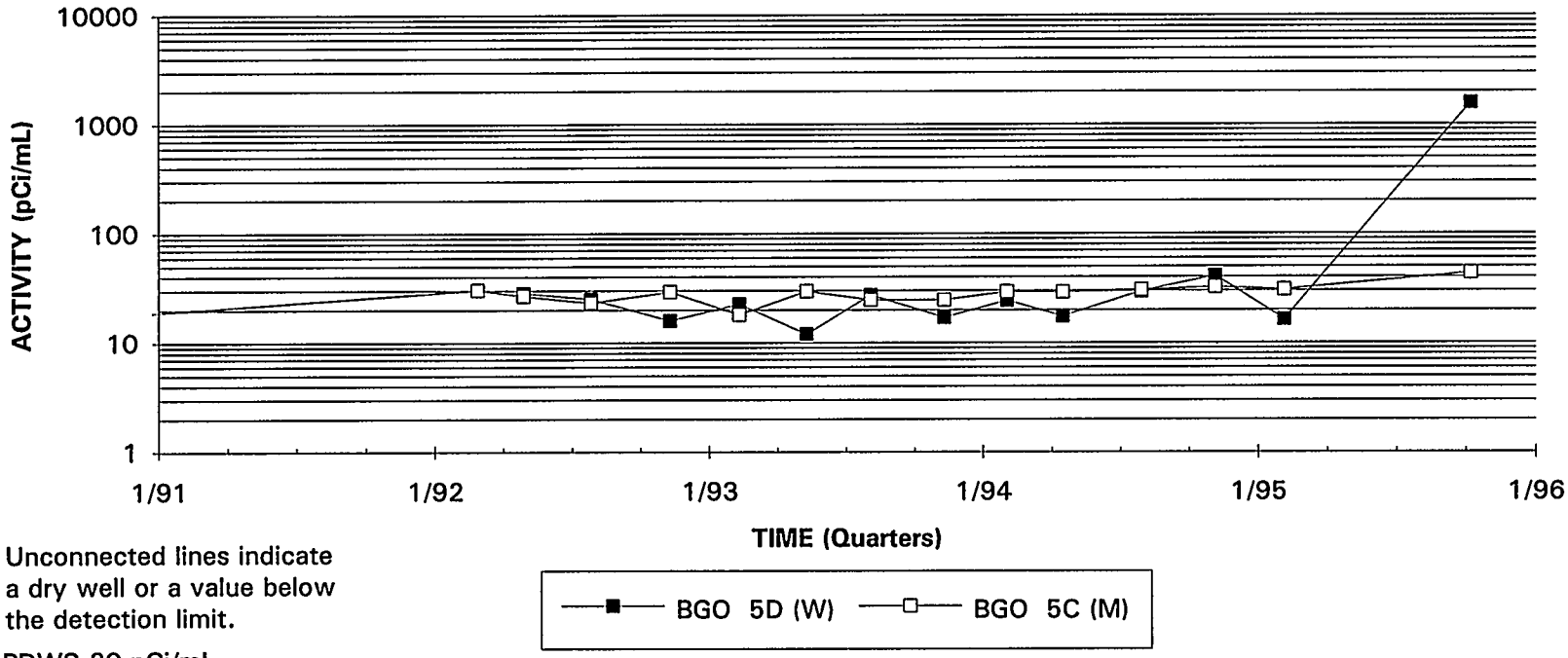


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well Cluster BGO 5

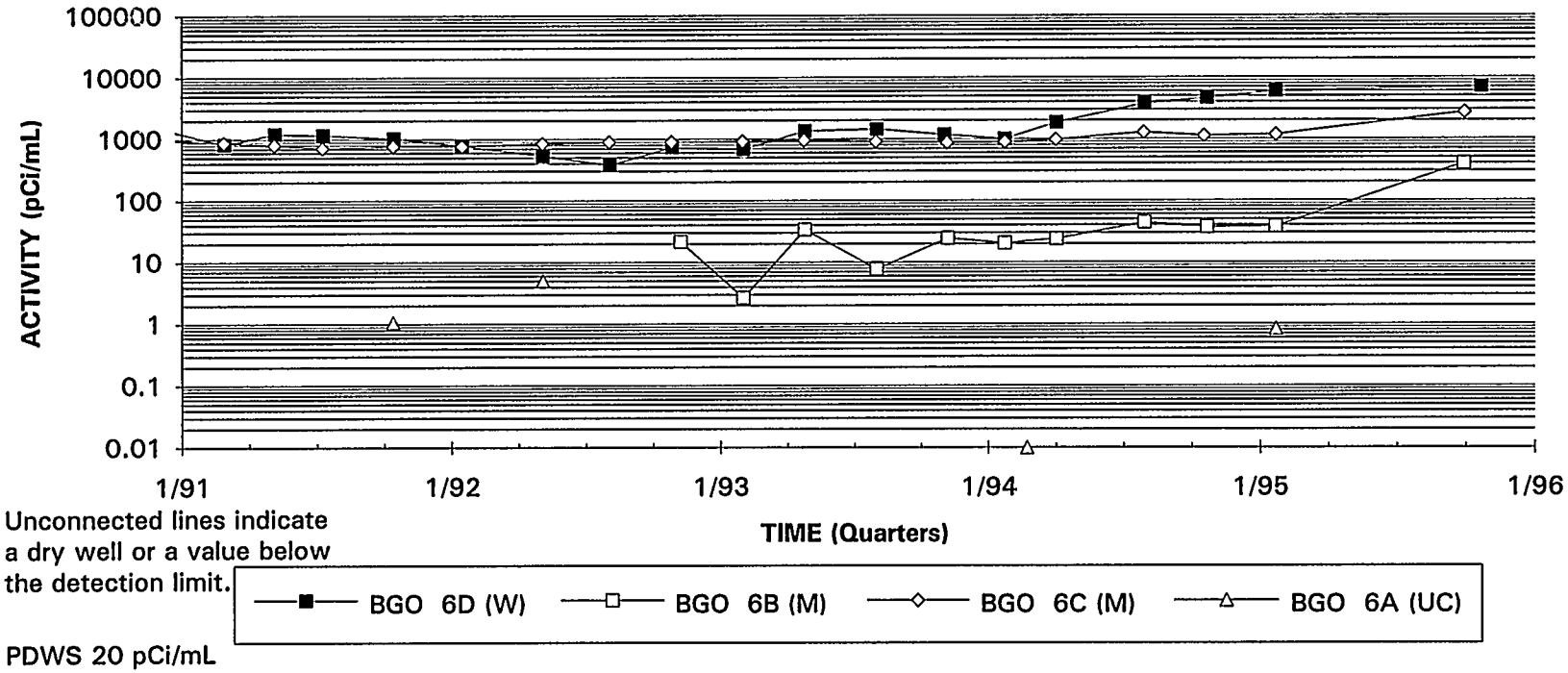


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well Cluster BGO 6

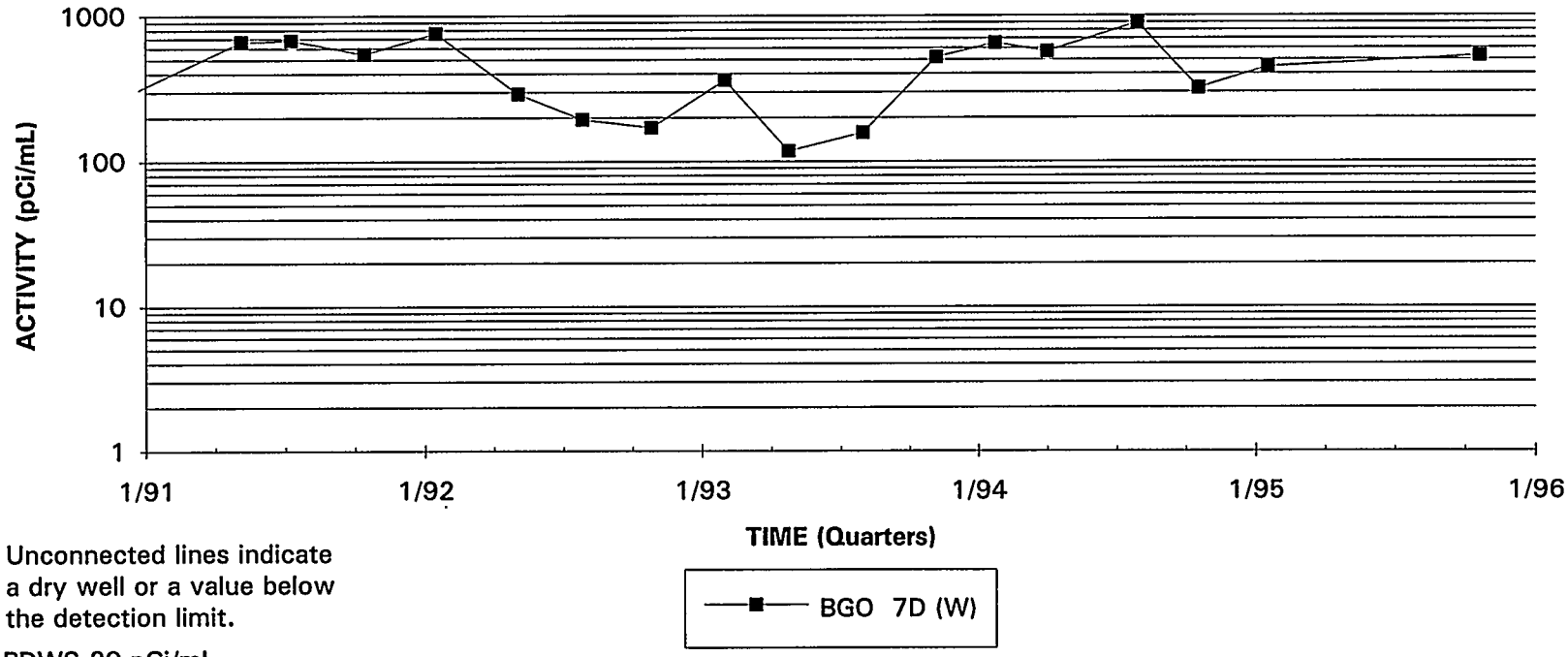


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well BGO 7D

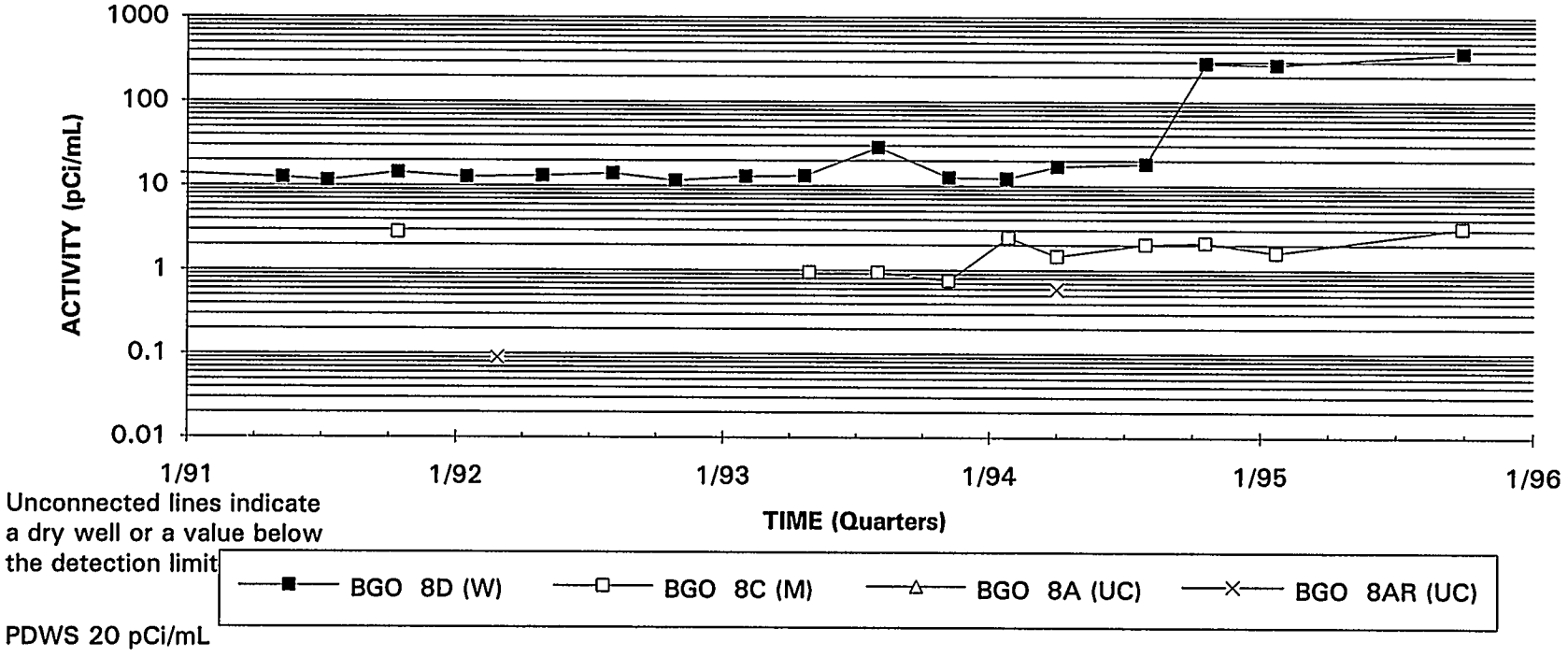


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well Cluster BGO 8

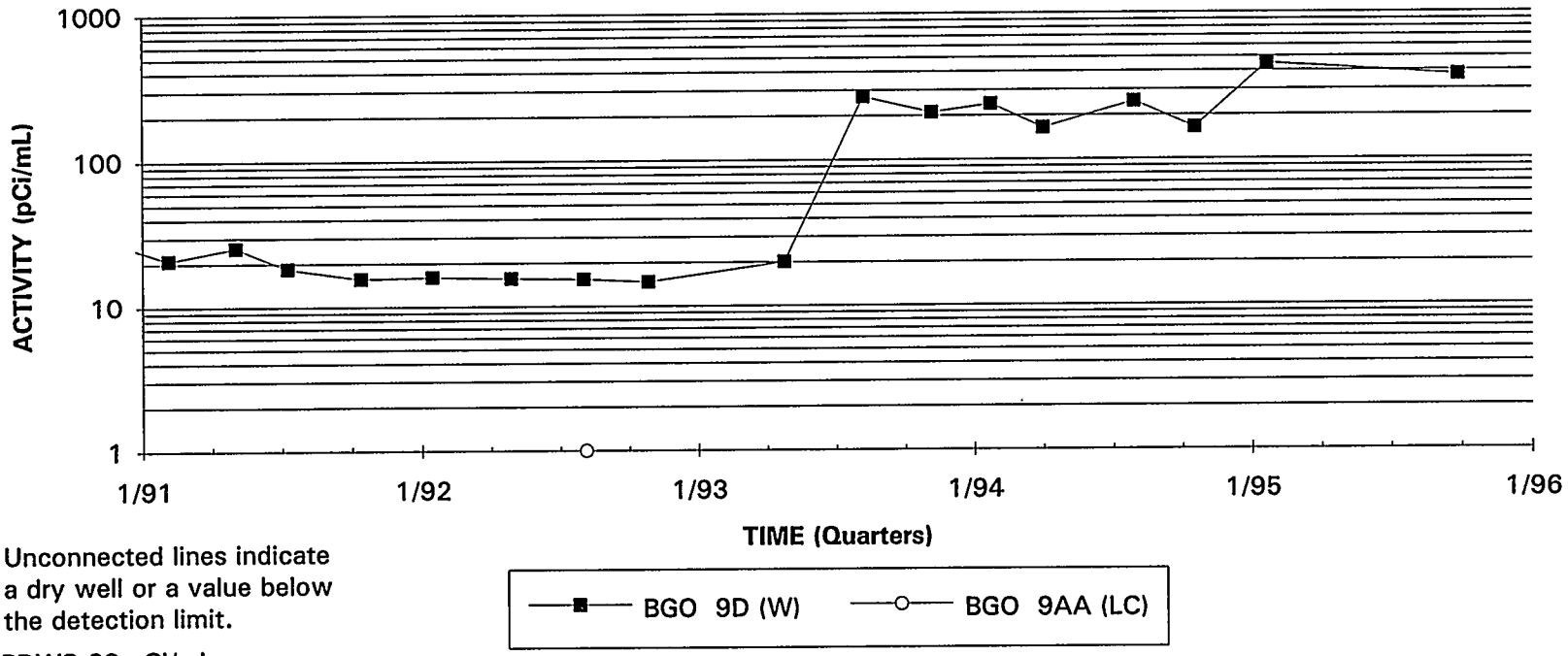


Unconnected lines indicate a dry well or a value below the detection limit

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well Cluster BGO 9

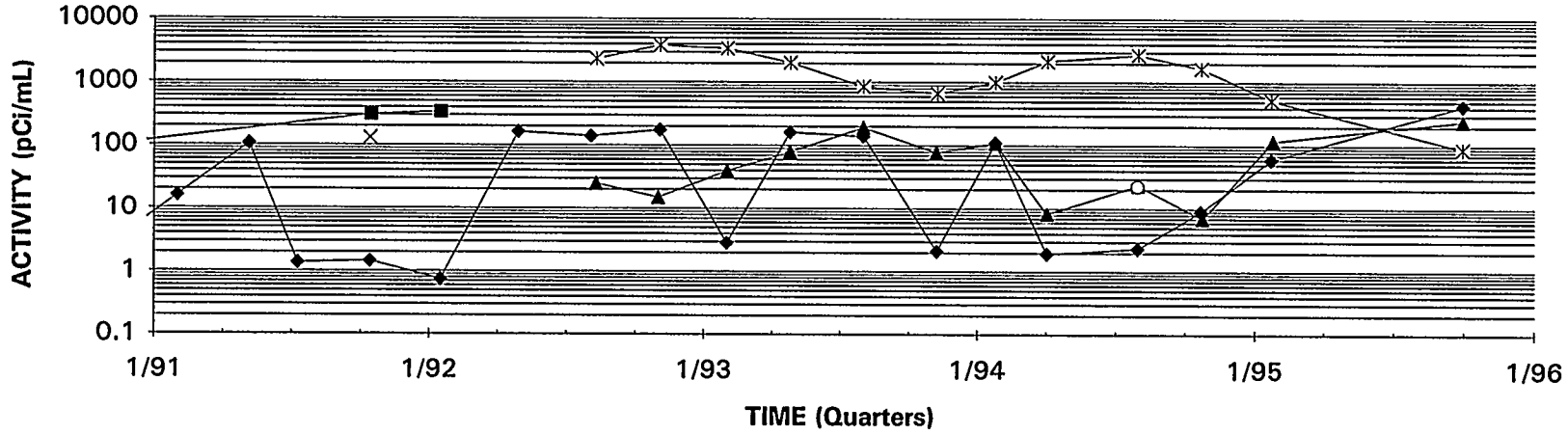


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well Cluster BGO 10

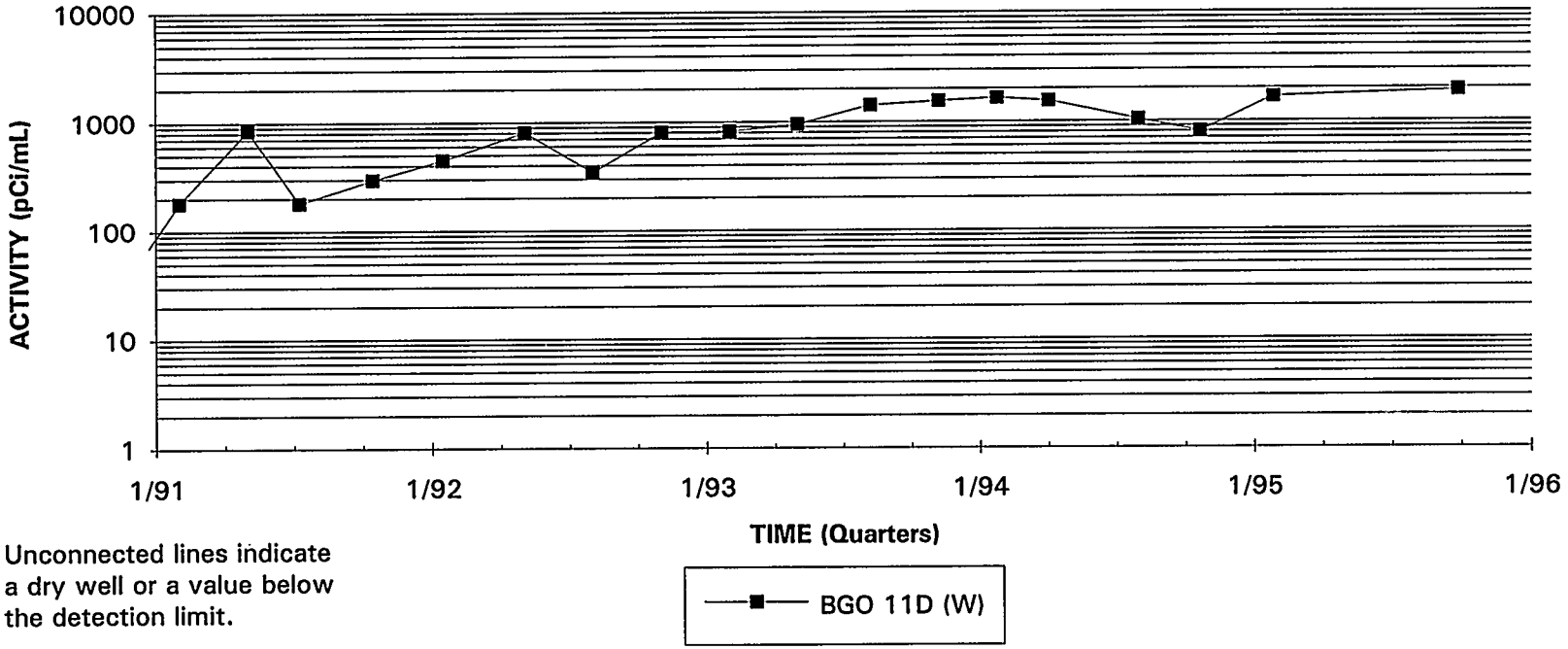


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well BGO 11D

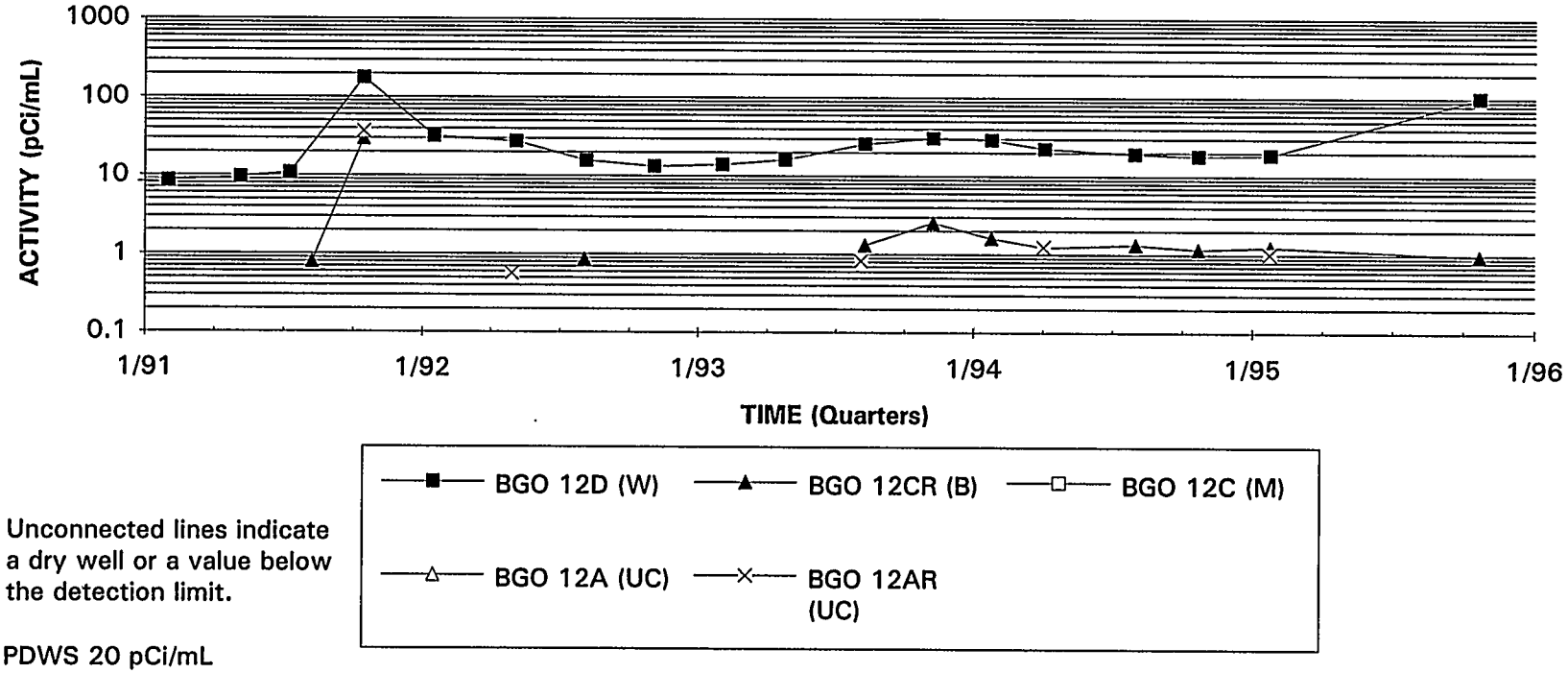


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well Cluster BGO 12

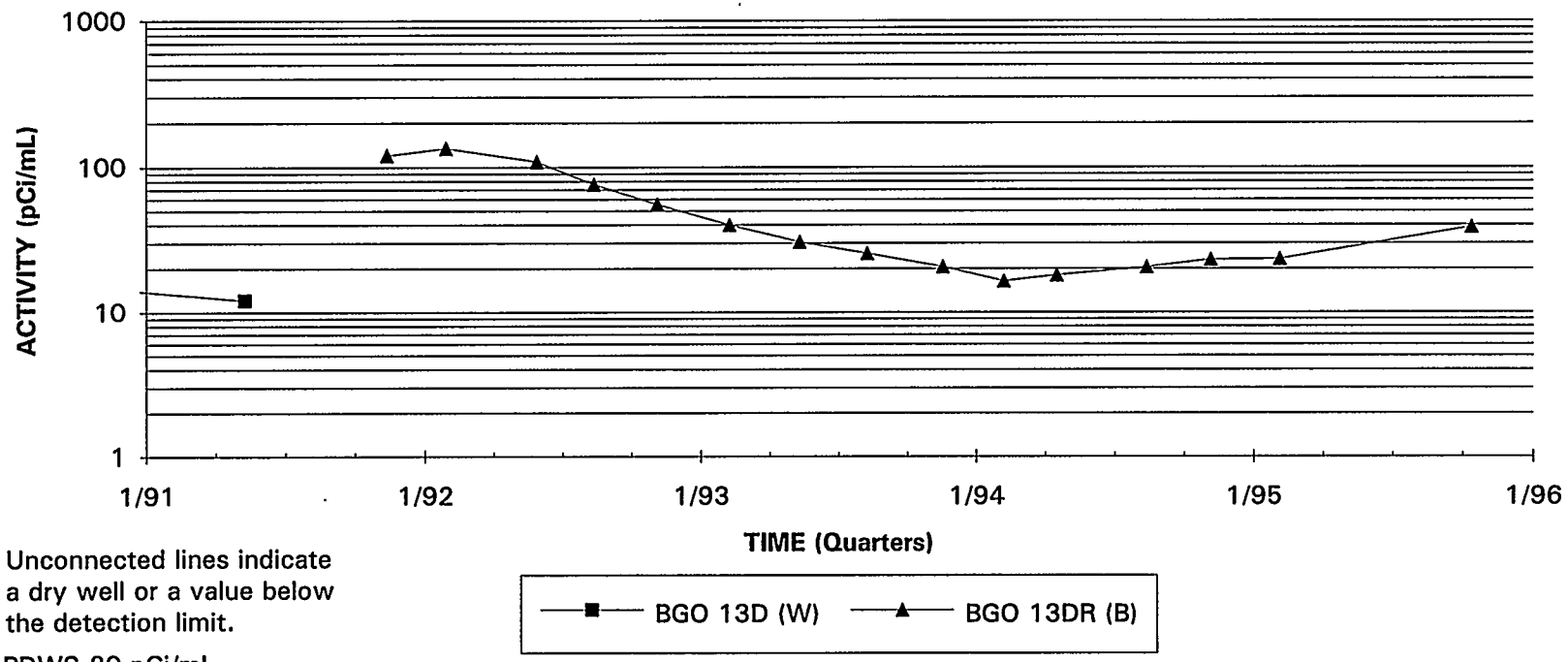


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well Cluster BGO 13

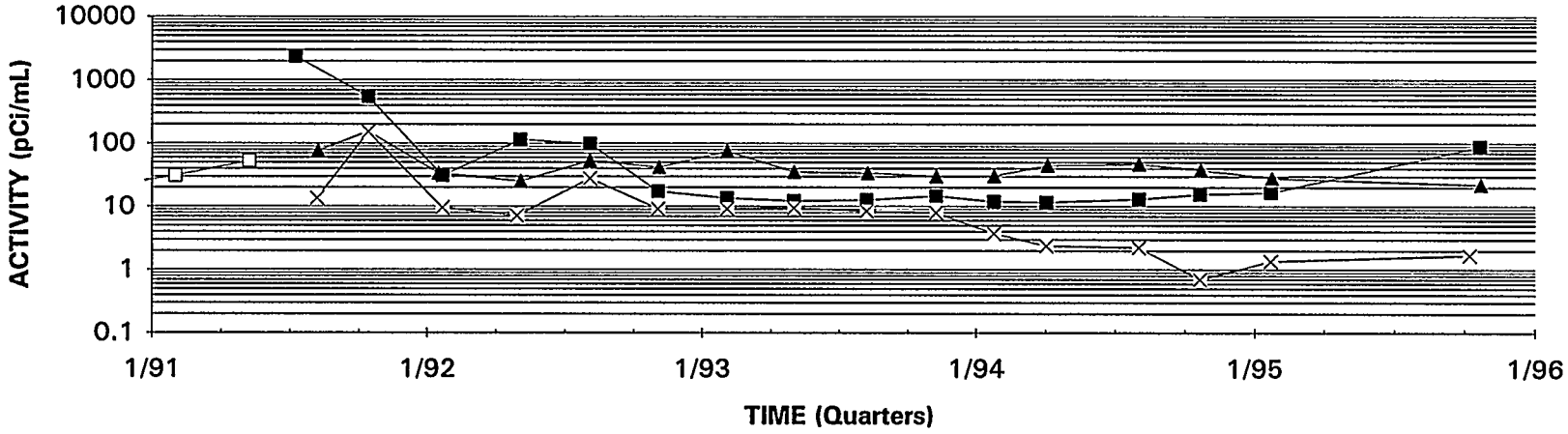


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well Cluster BGO 14

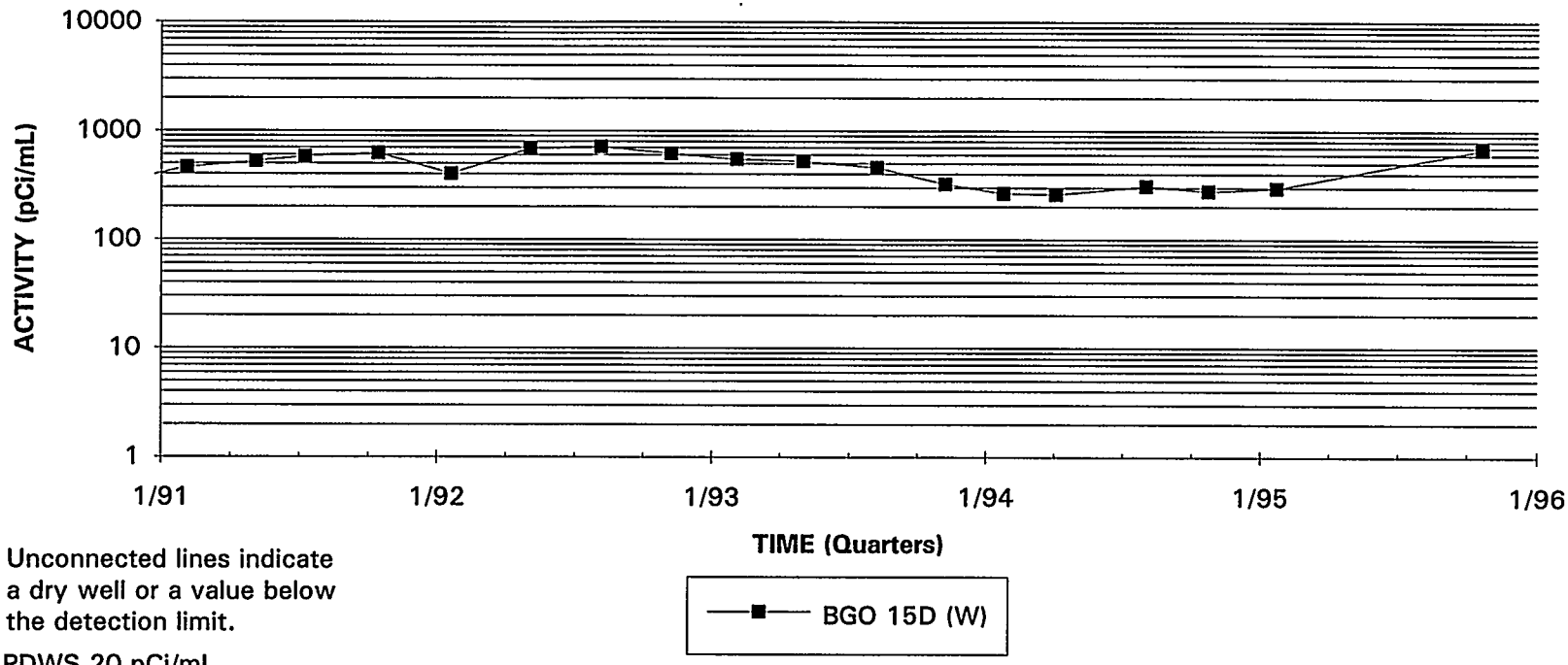


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well BGO 15D

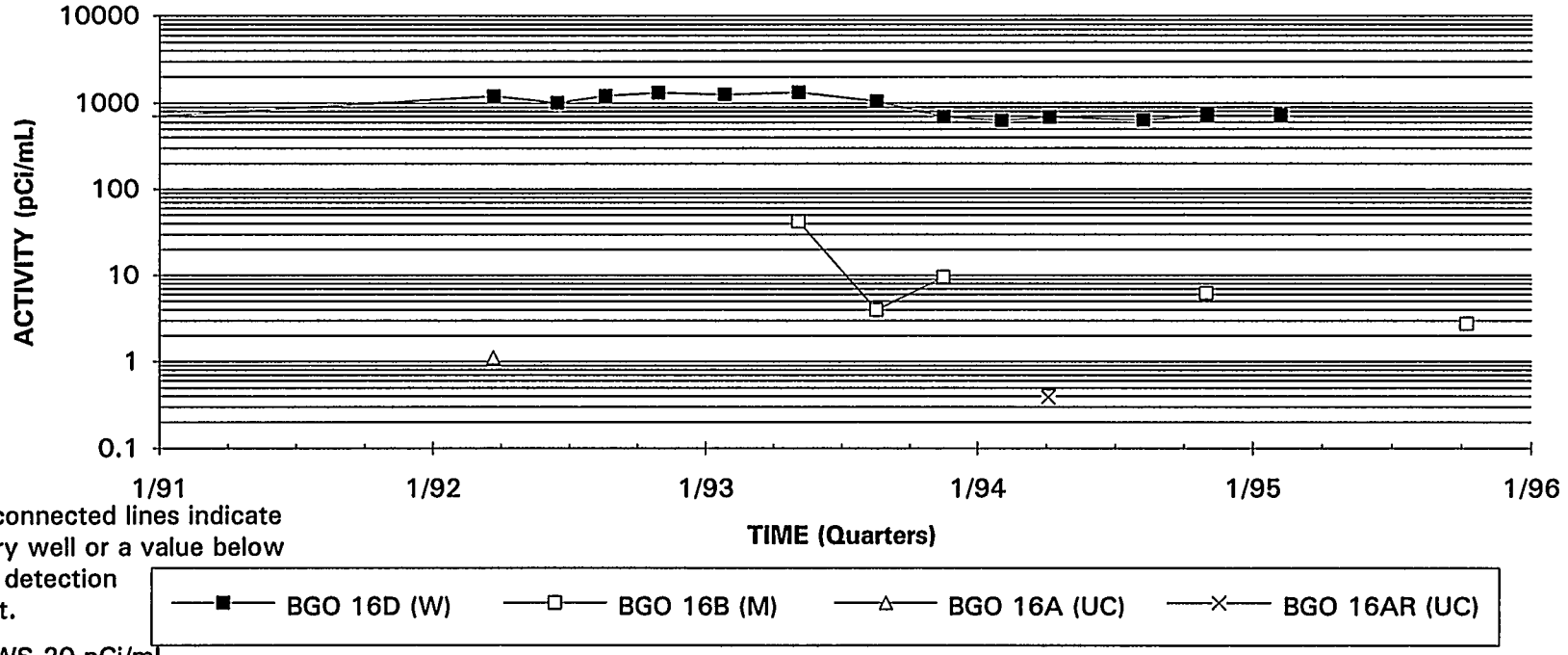


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well Cluster BGO 16

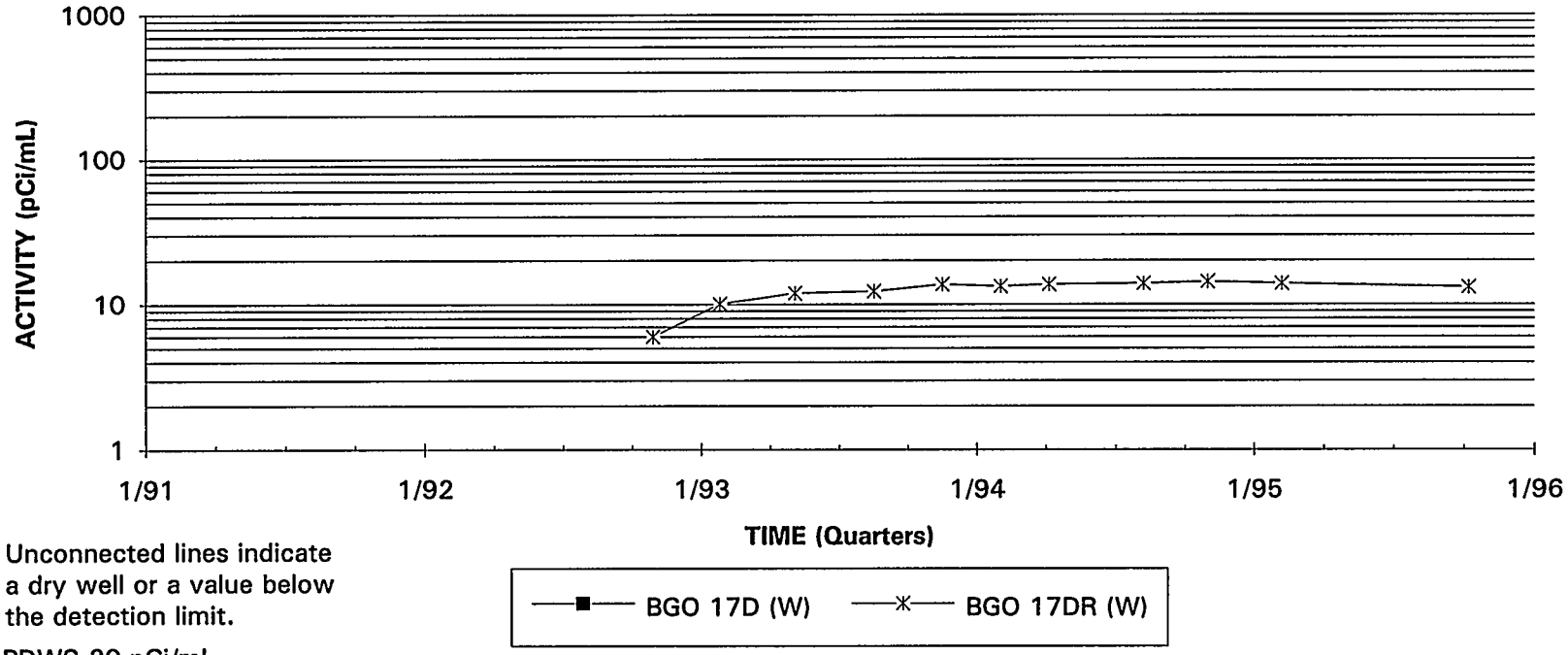


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well Cluster BGO 17

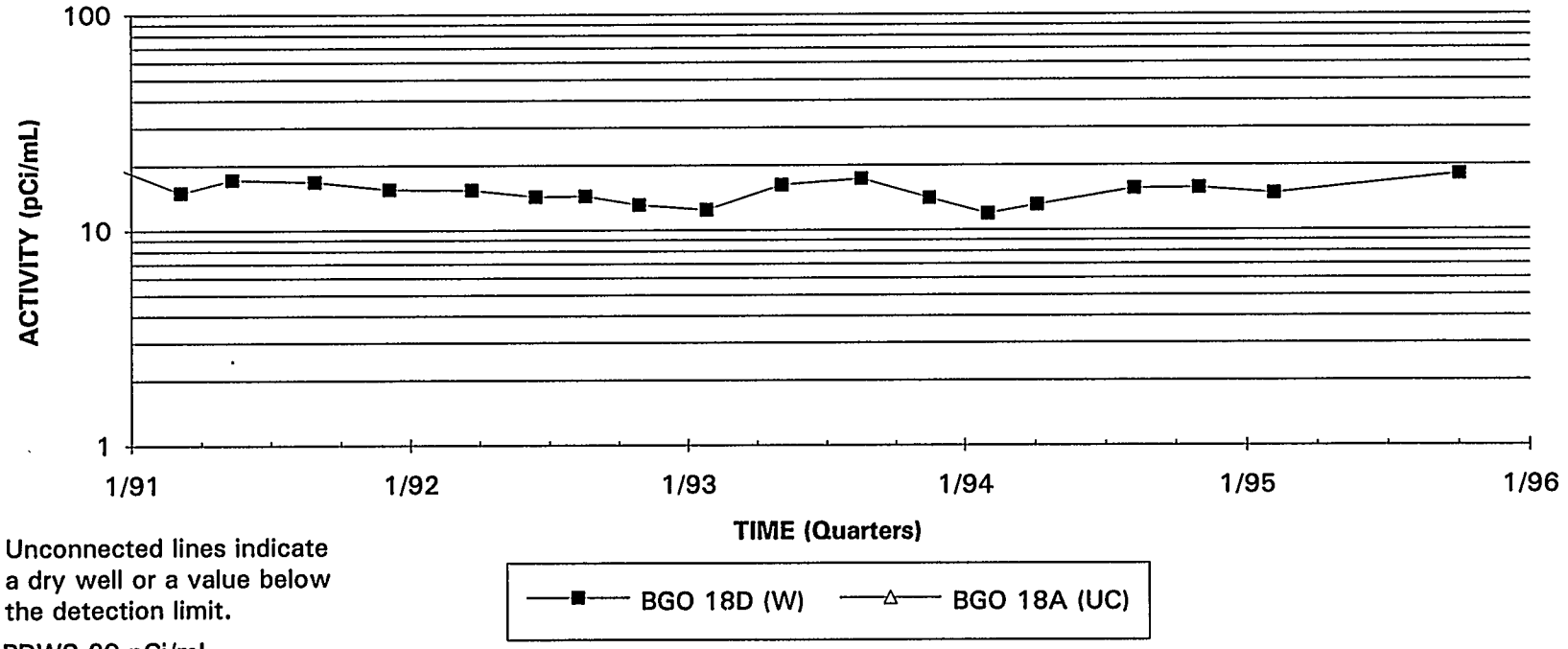


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well Cluster BGO 18

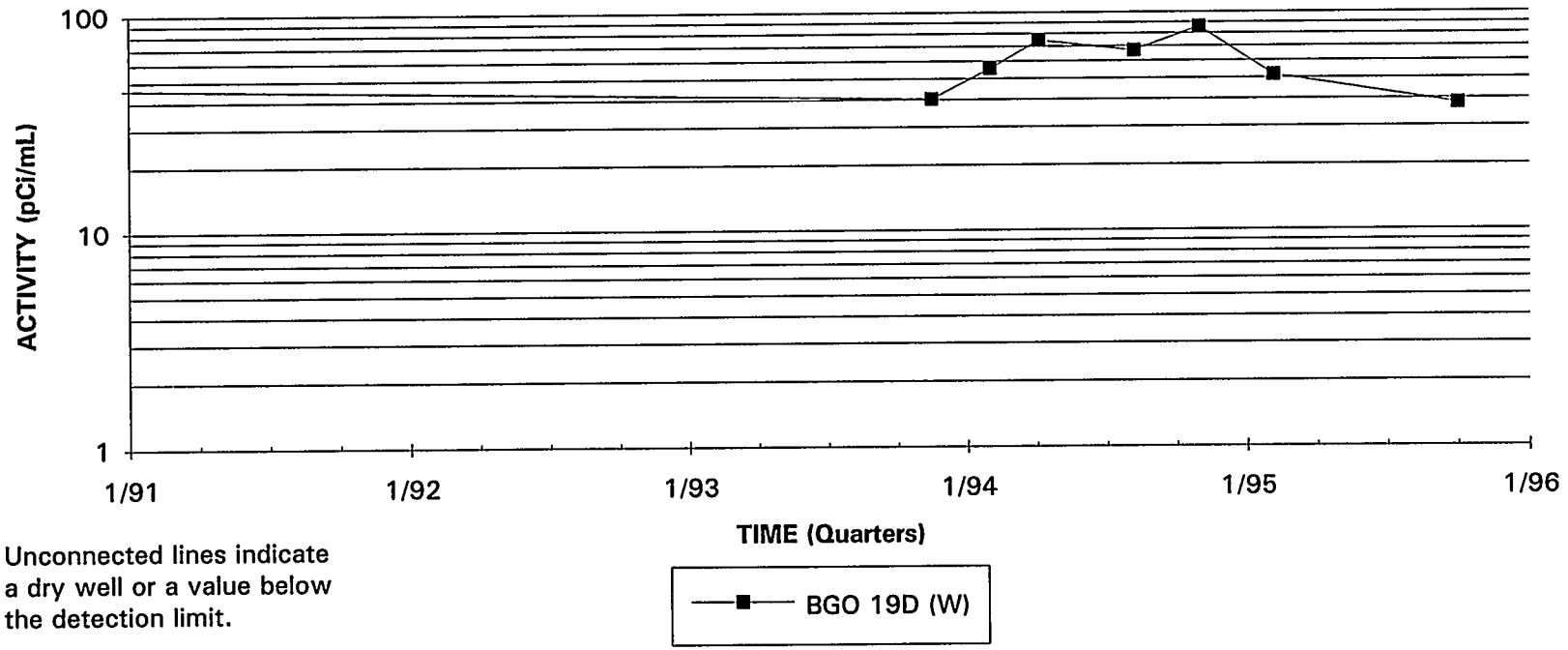


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well BGO 19D

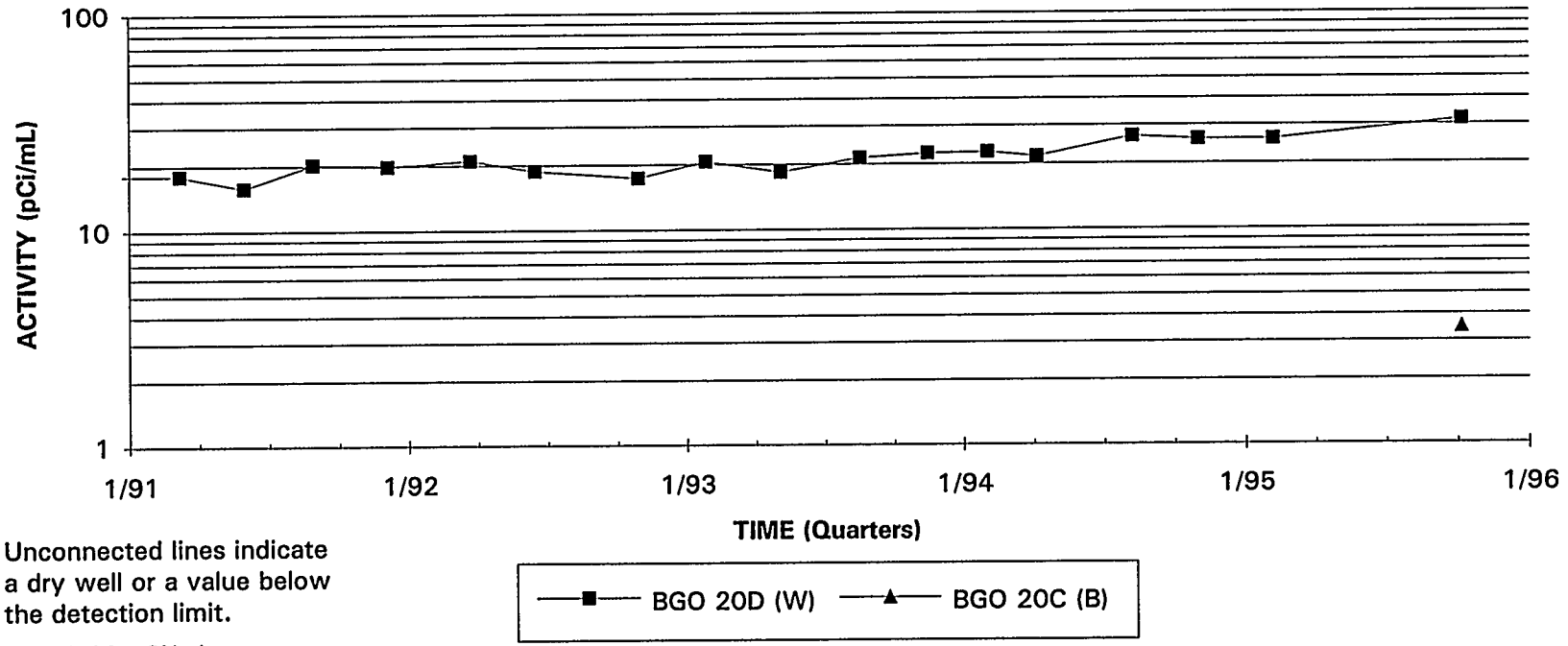


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well Cluster BGO 20

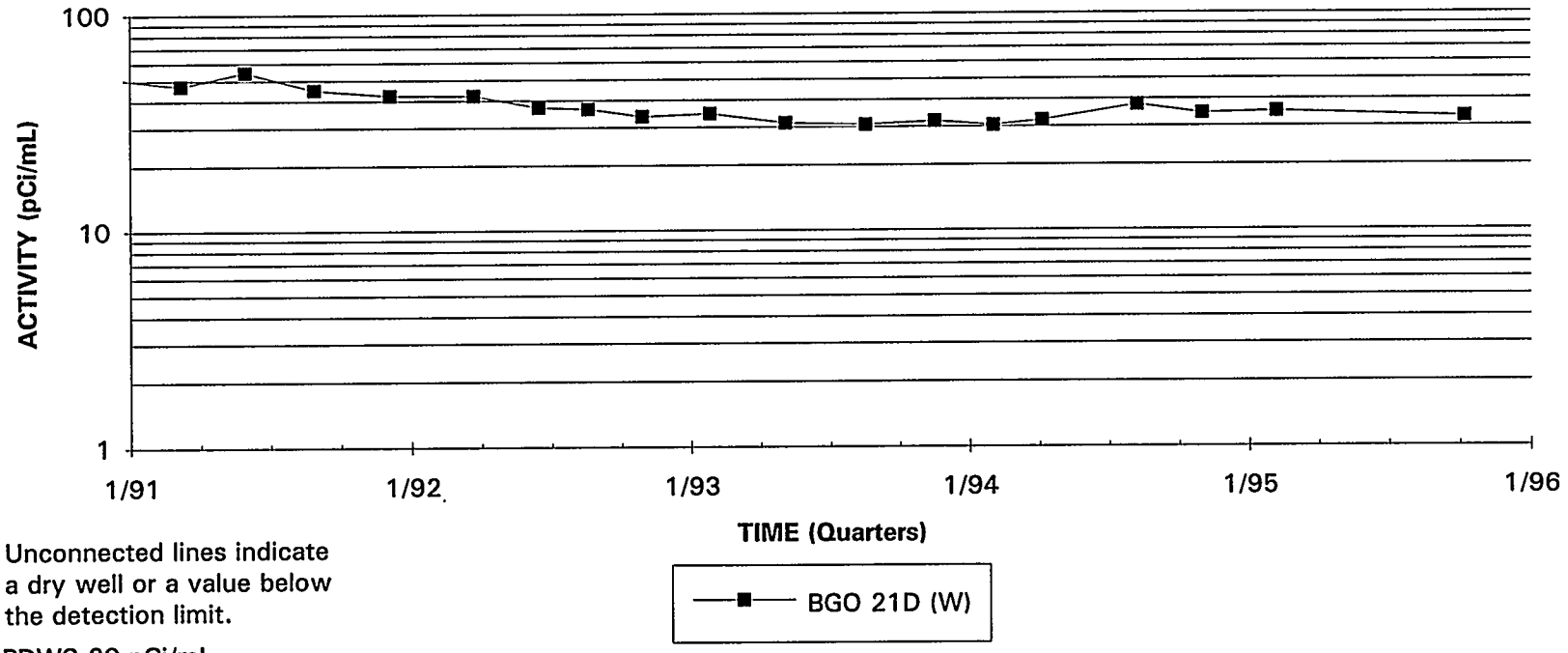


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well BGO 21D

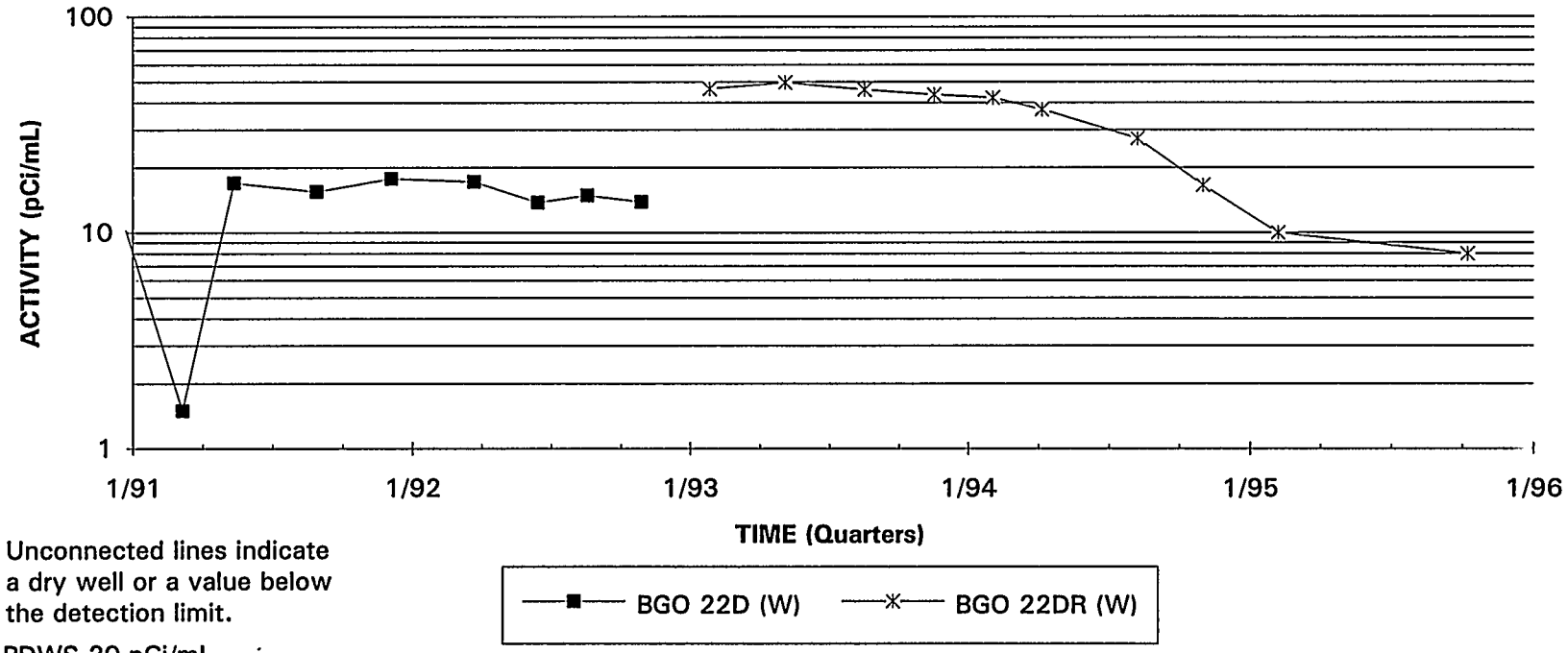


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well Cluster BGO 22

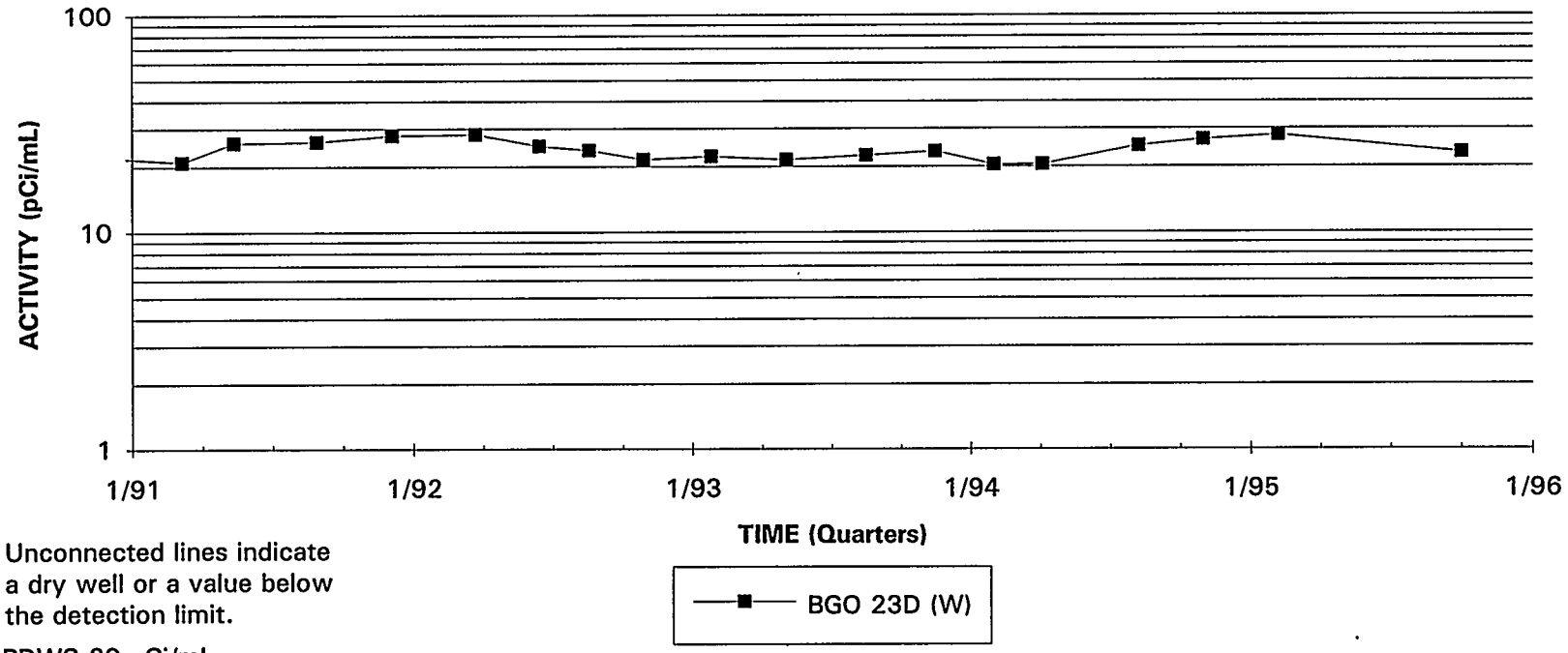


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well BGO 23D

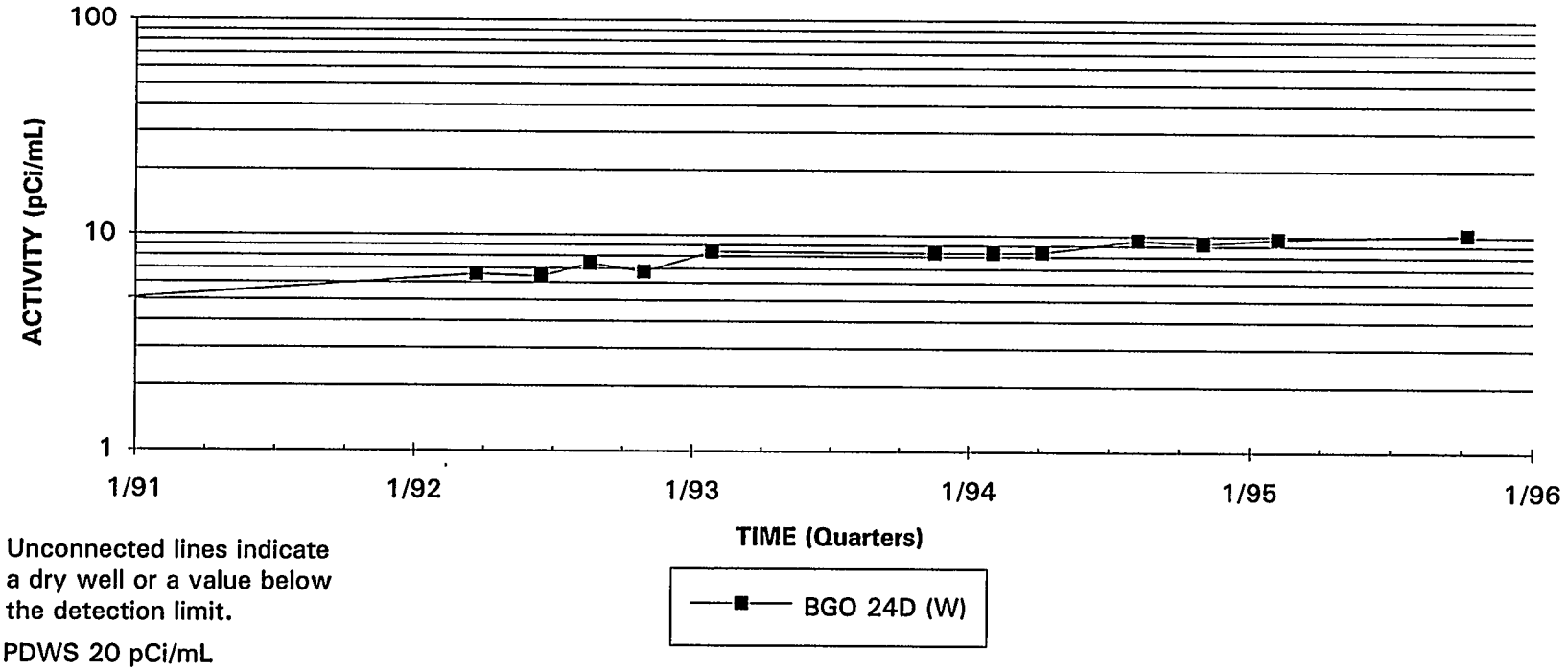


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well BGO 24D

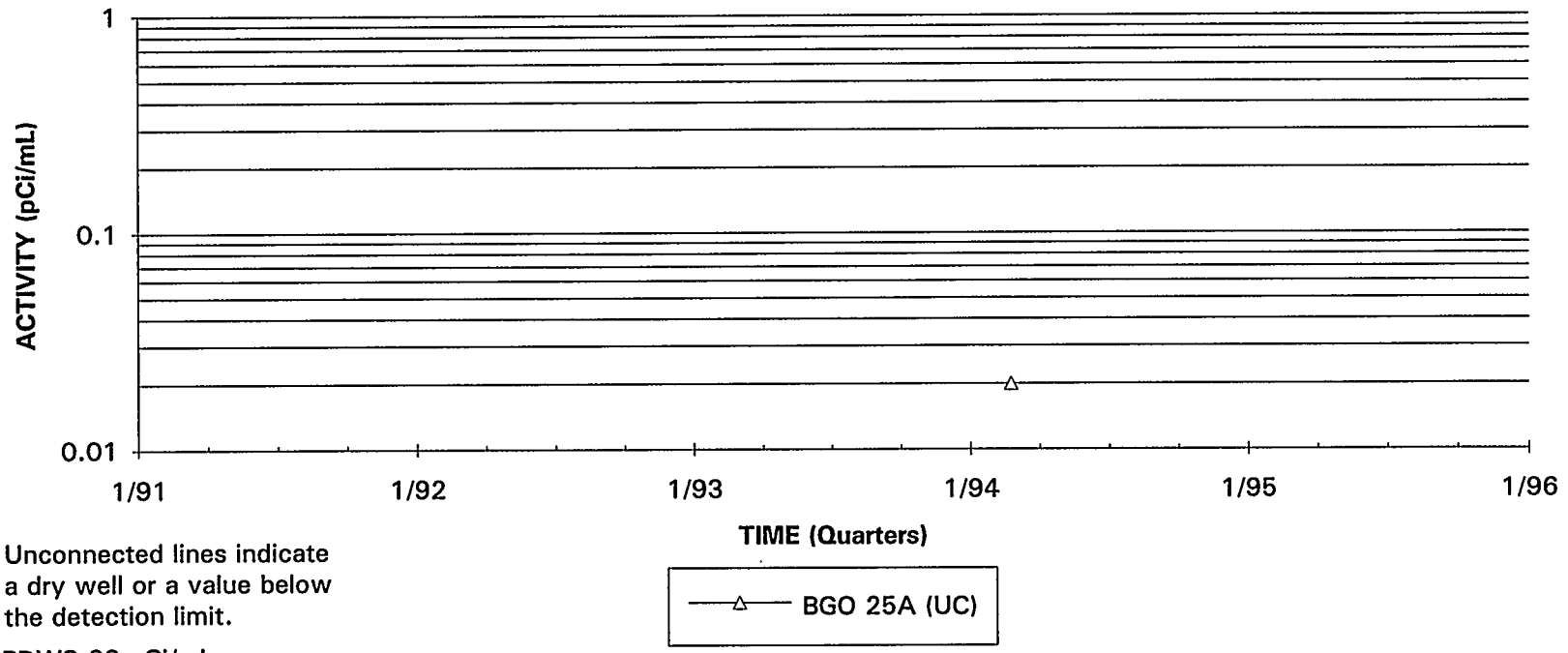


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well BGO 25A

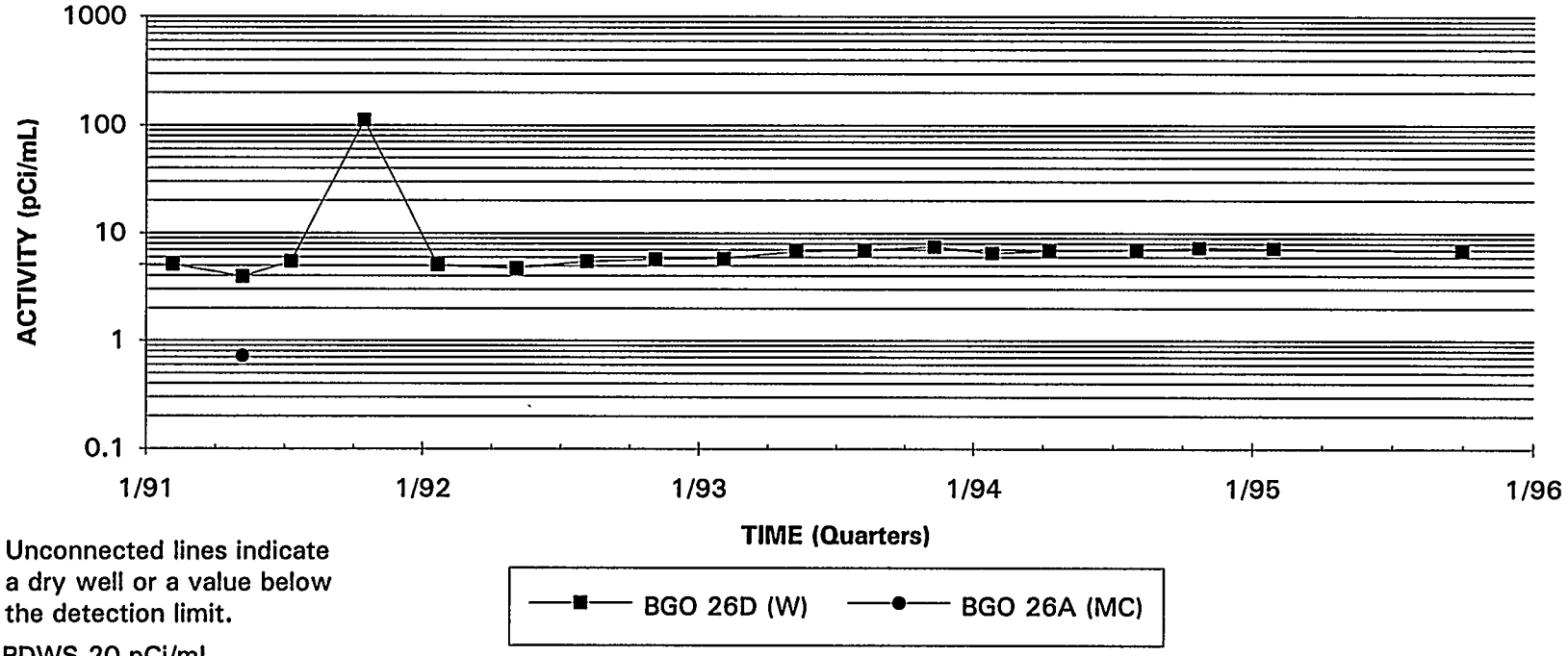


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well Cluster BGO 26

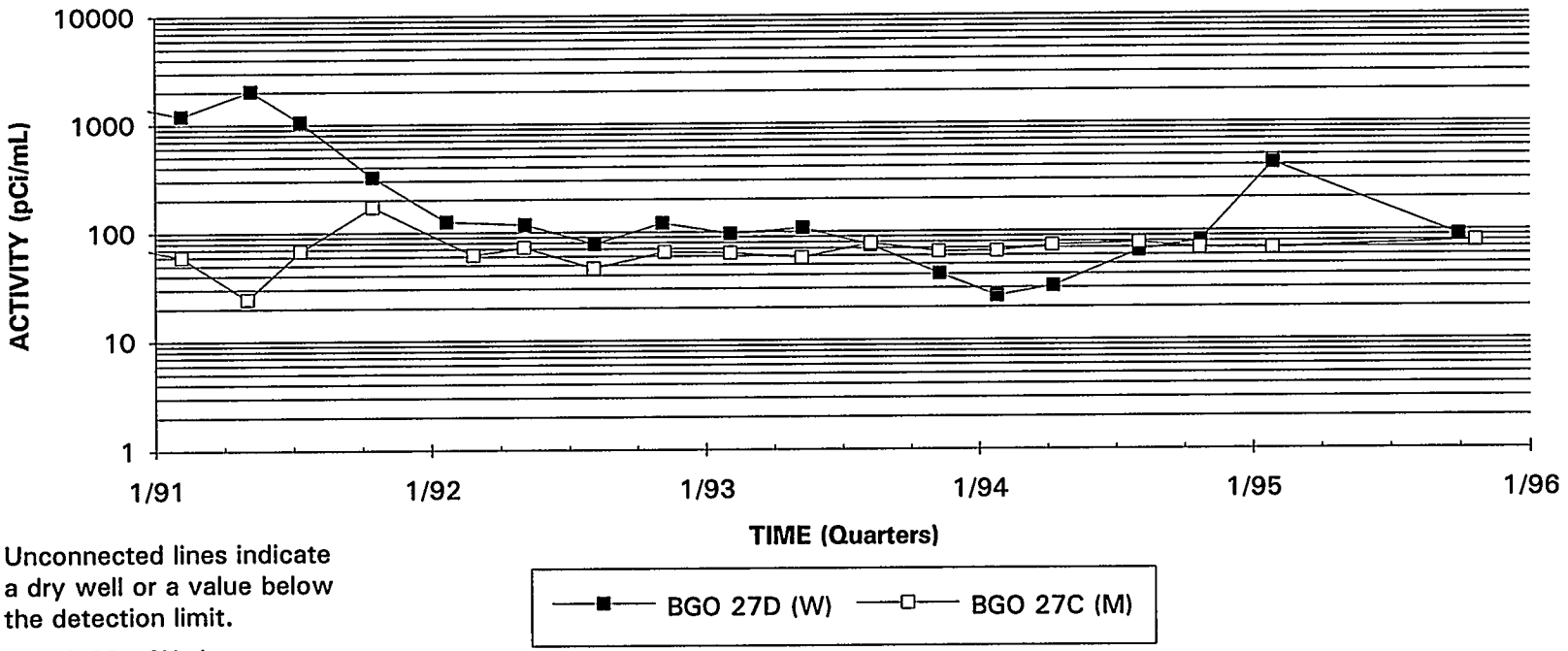


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well Cluster BGO 27

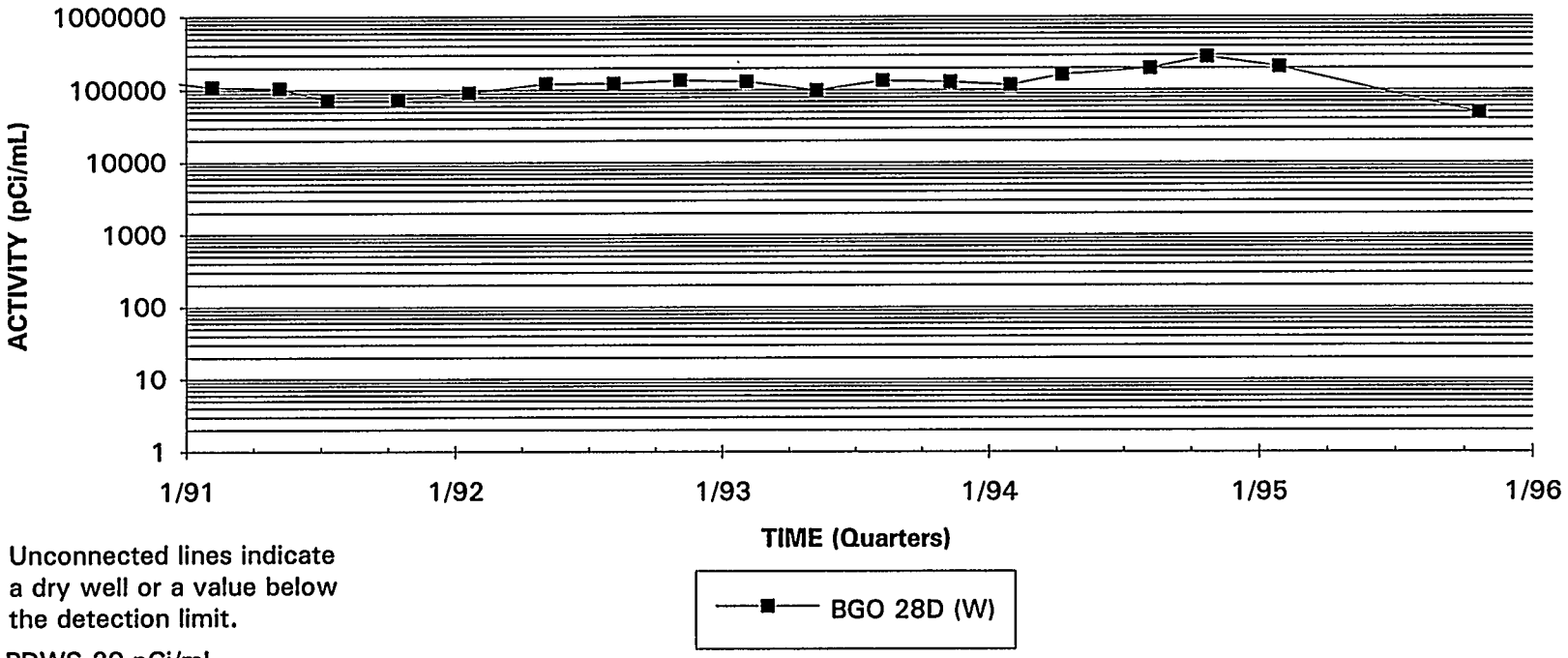


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well BGO 28D

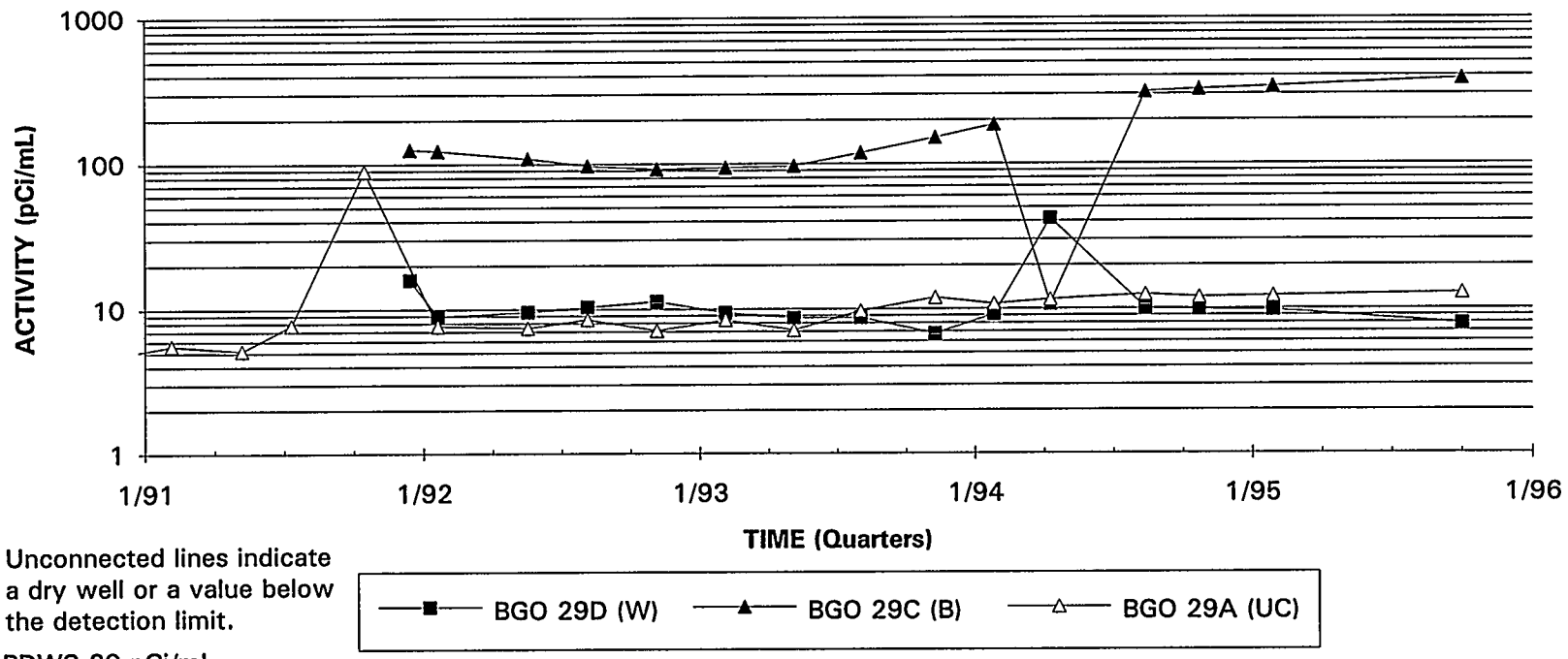


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well Cluster BGO 29

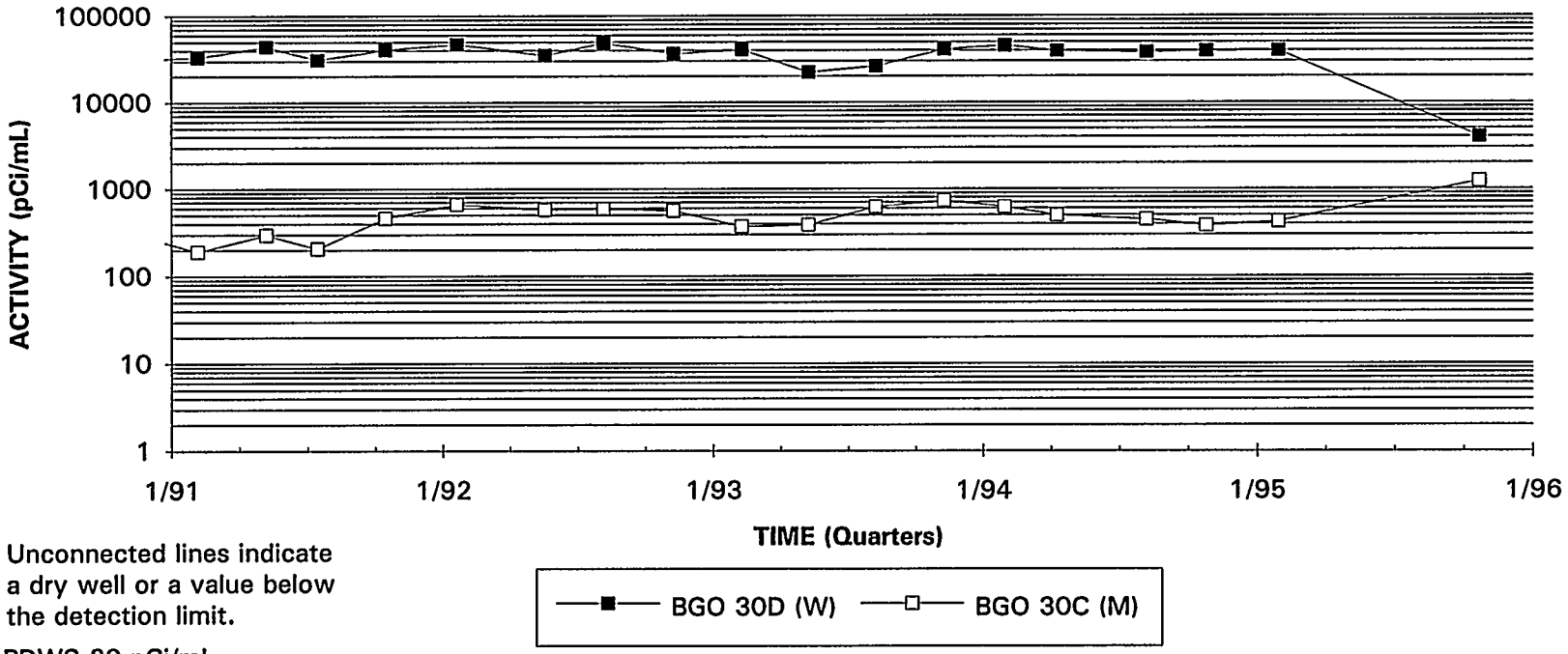


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well Cluster BGO 30

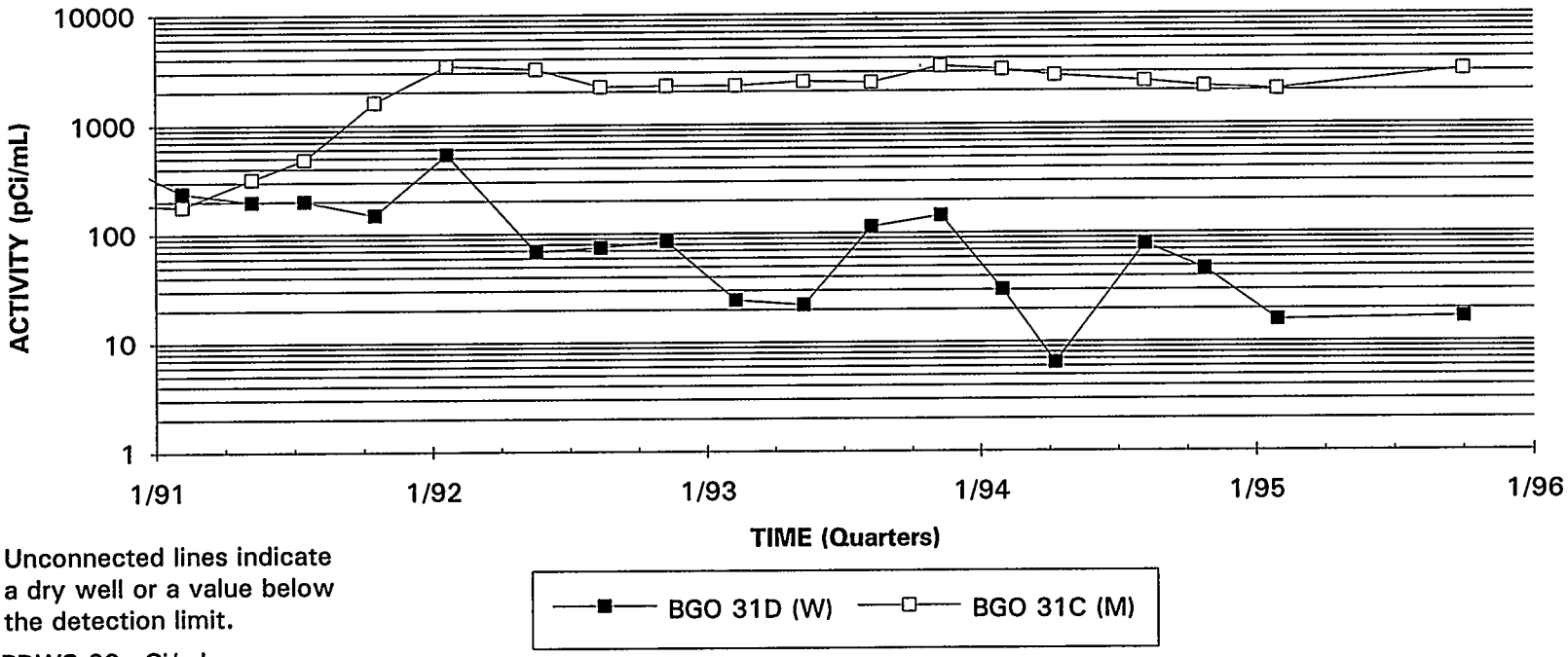


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well Cluster BGO 31

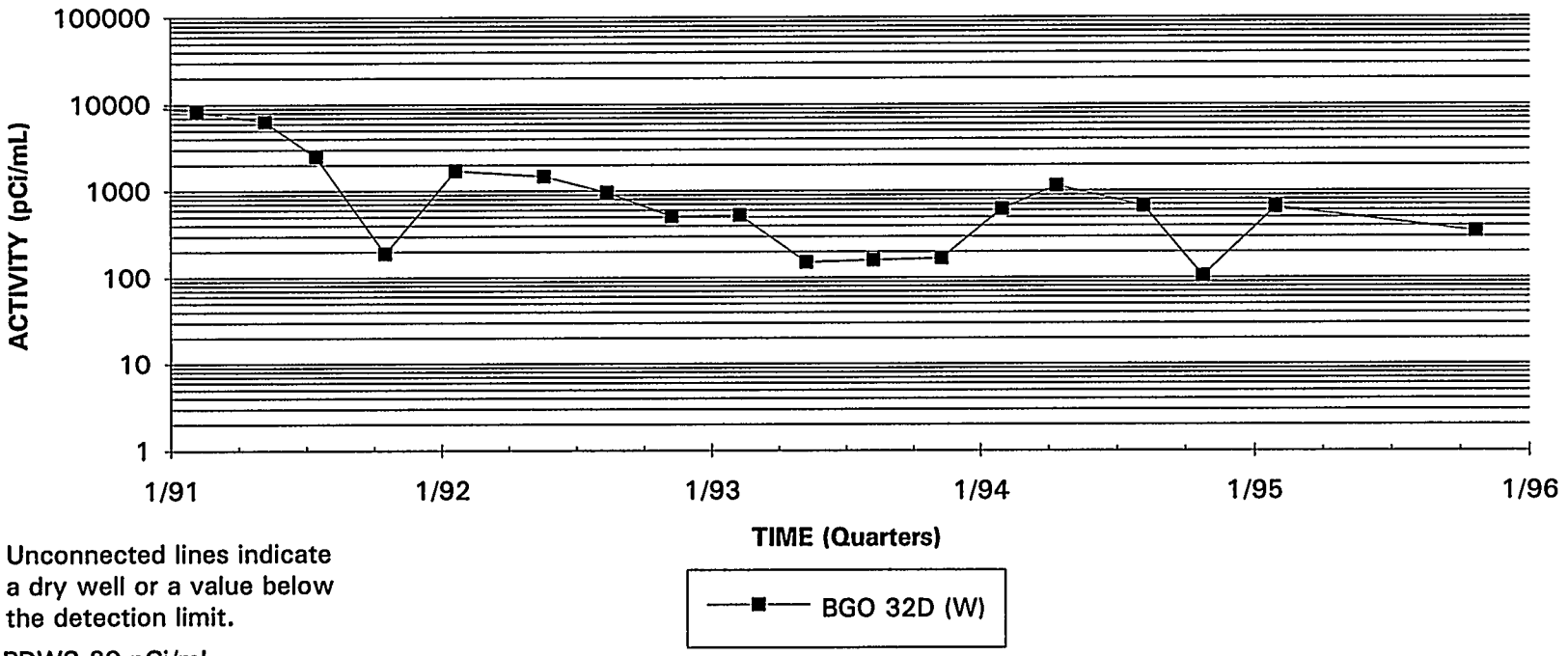


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well BGO 32D

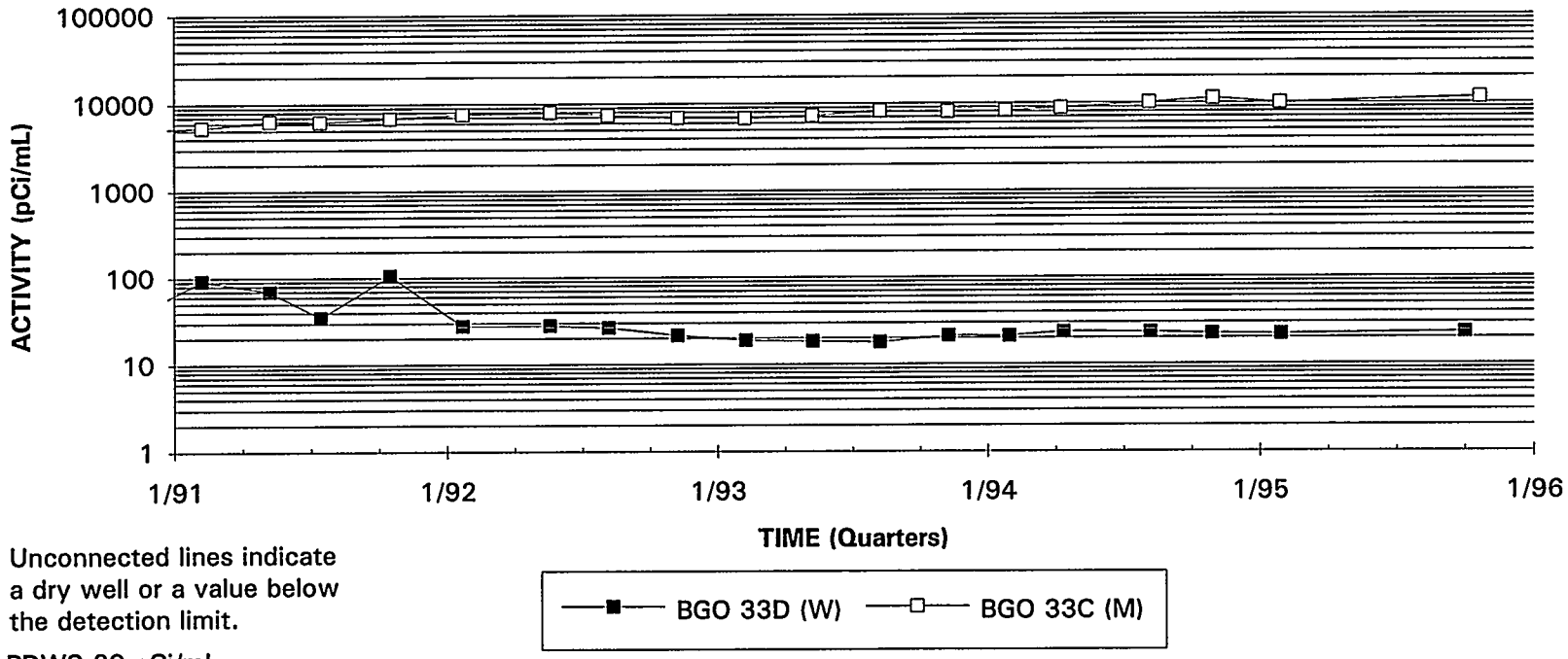


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well Cluster BGO 33

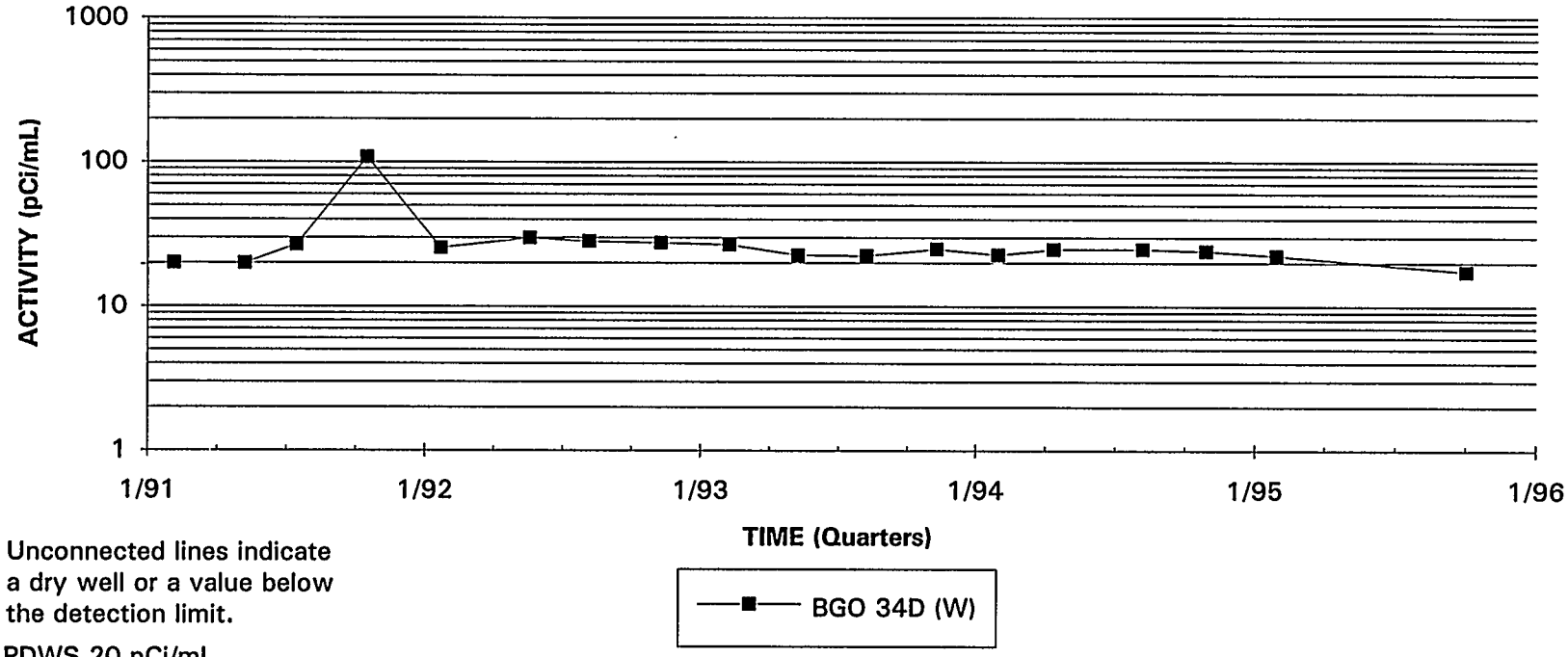


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well BGO 34D

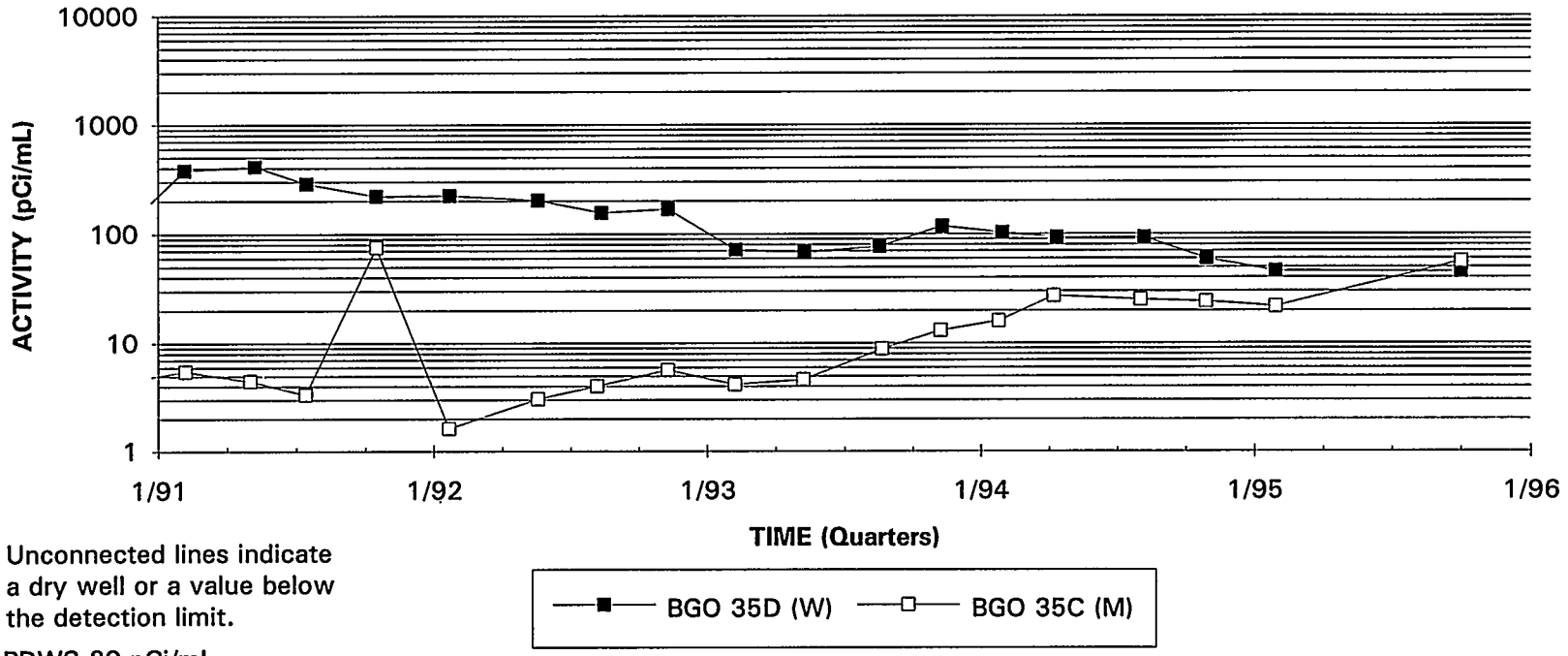


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well Cluster BGO 35

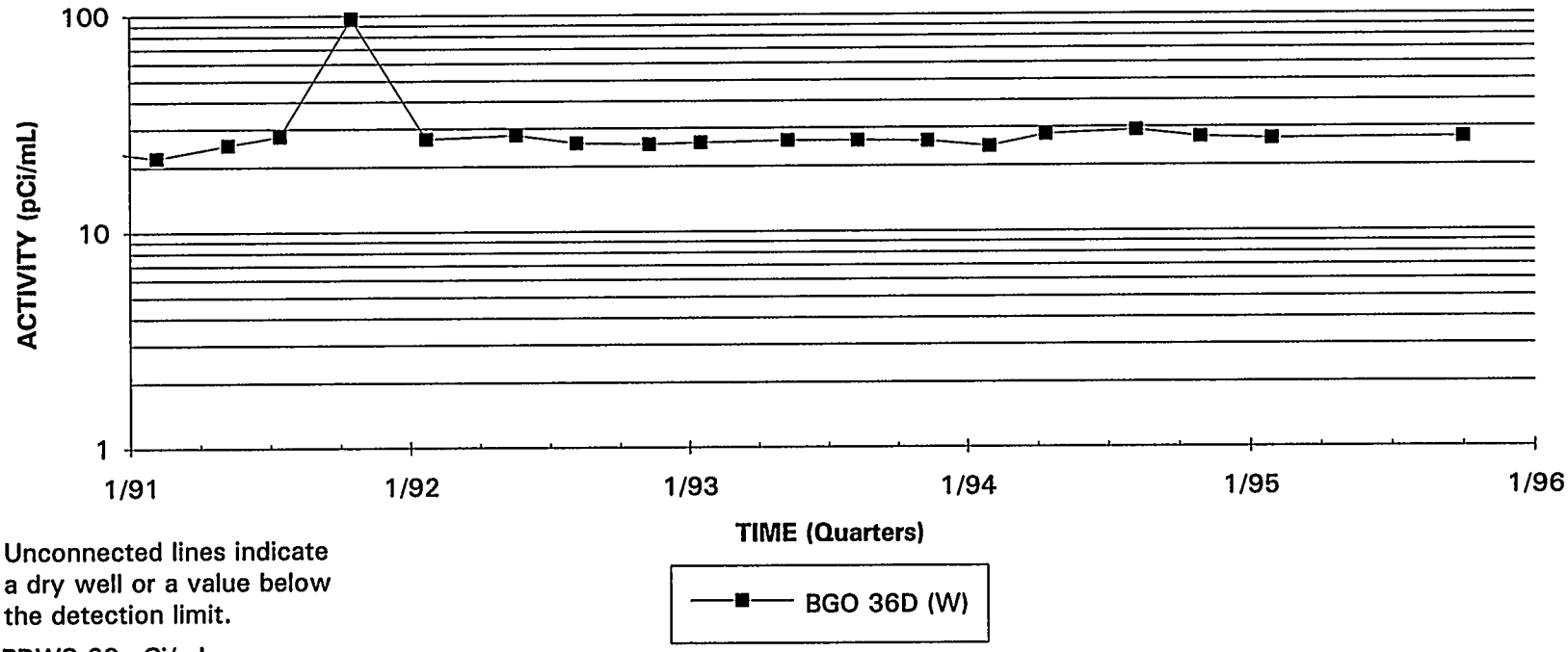


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well BGO 36D

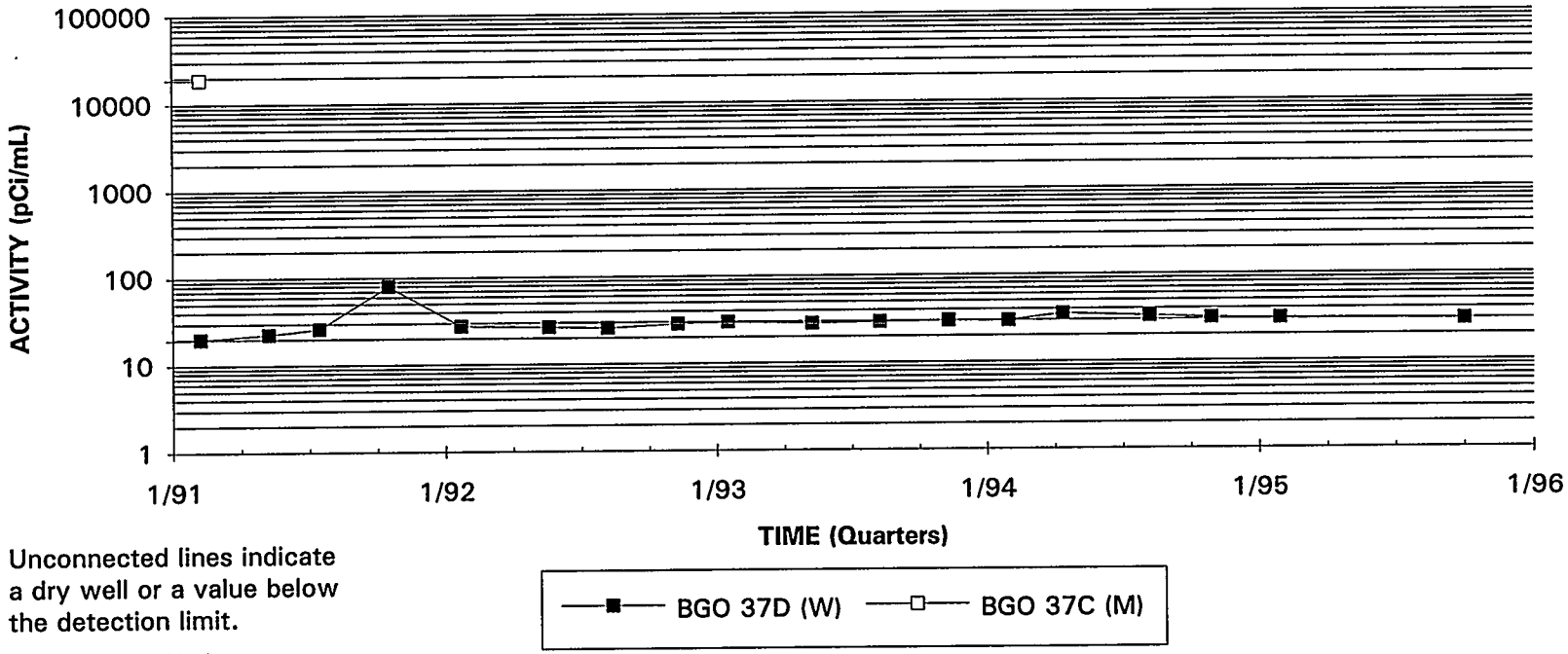


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well Cluster BGO 37

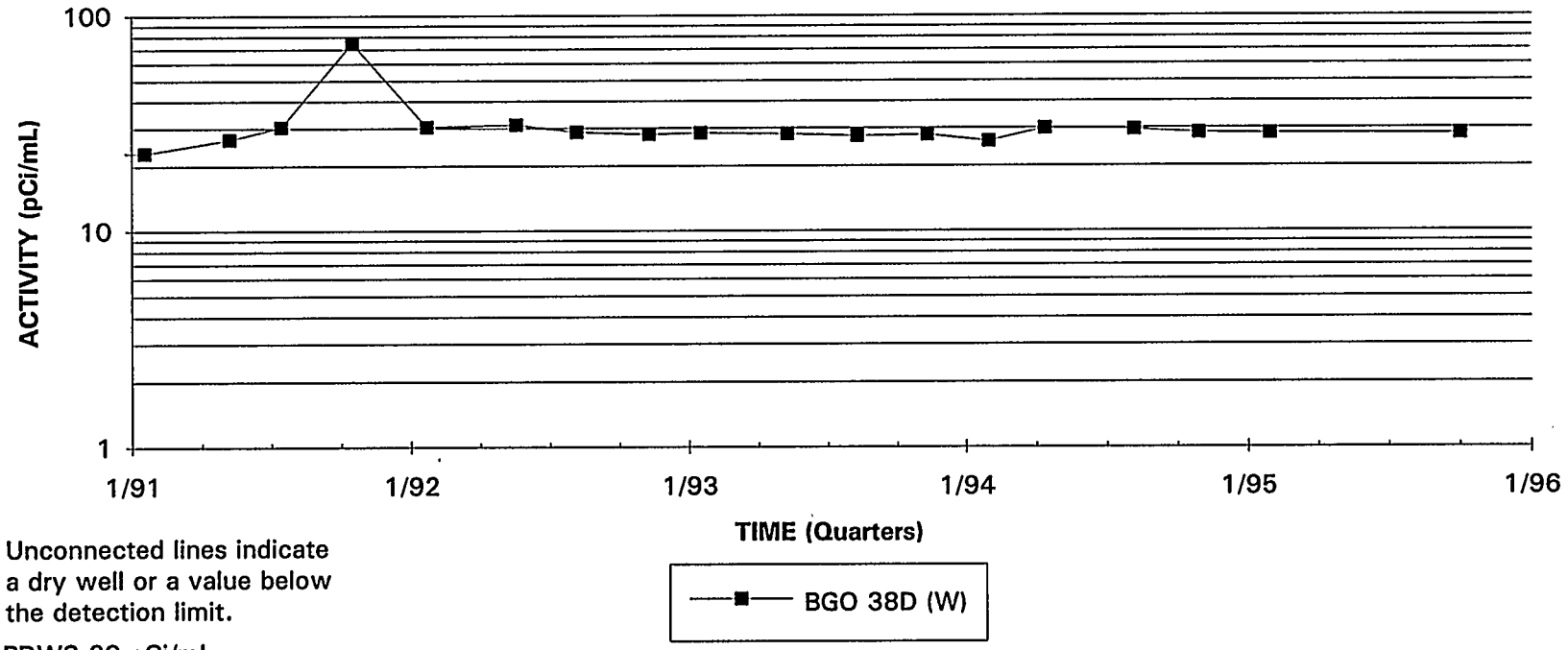


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well BGO 38D

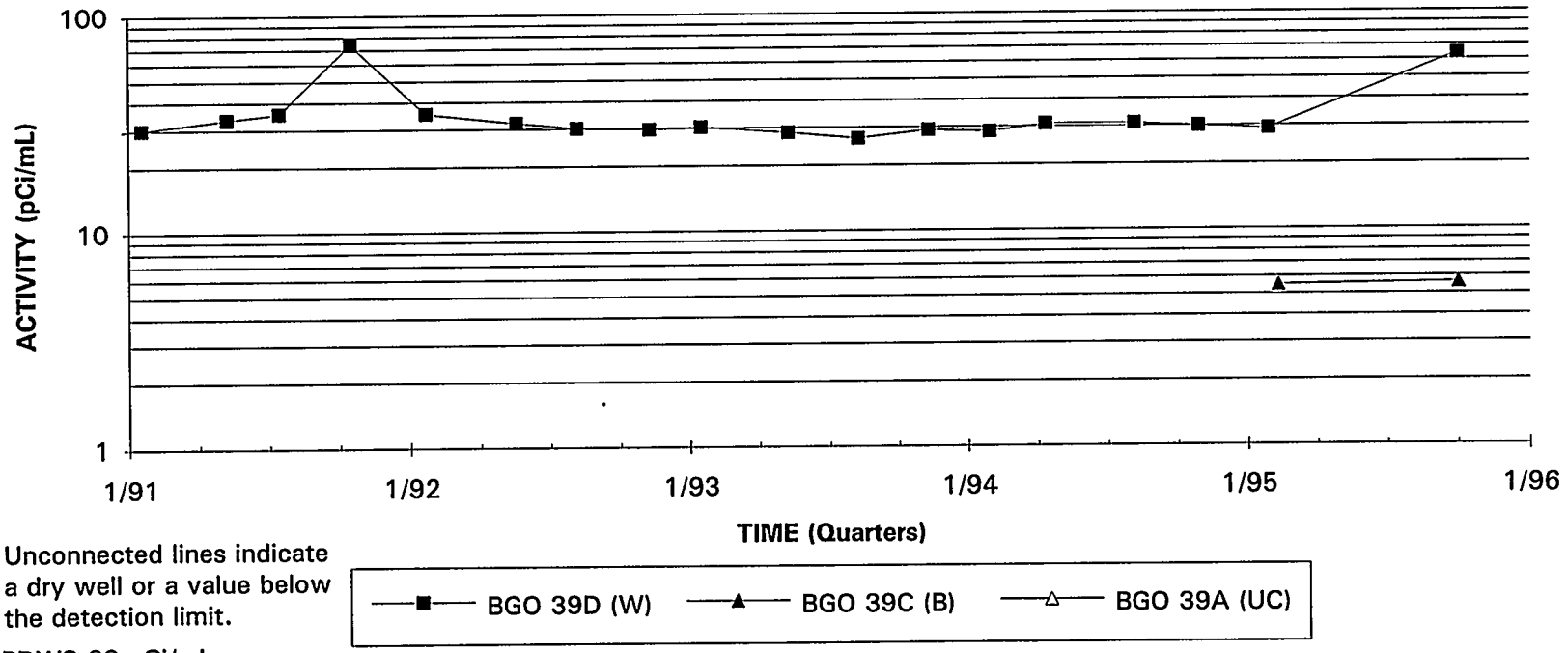


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well Cluster BGO 39

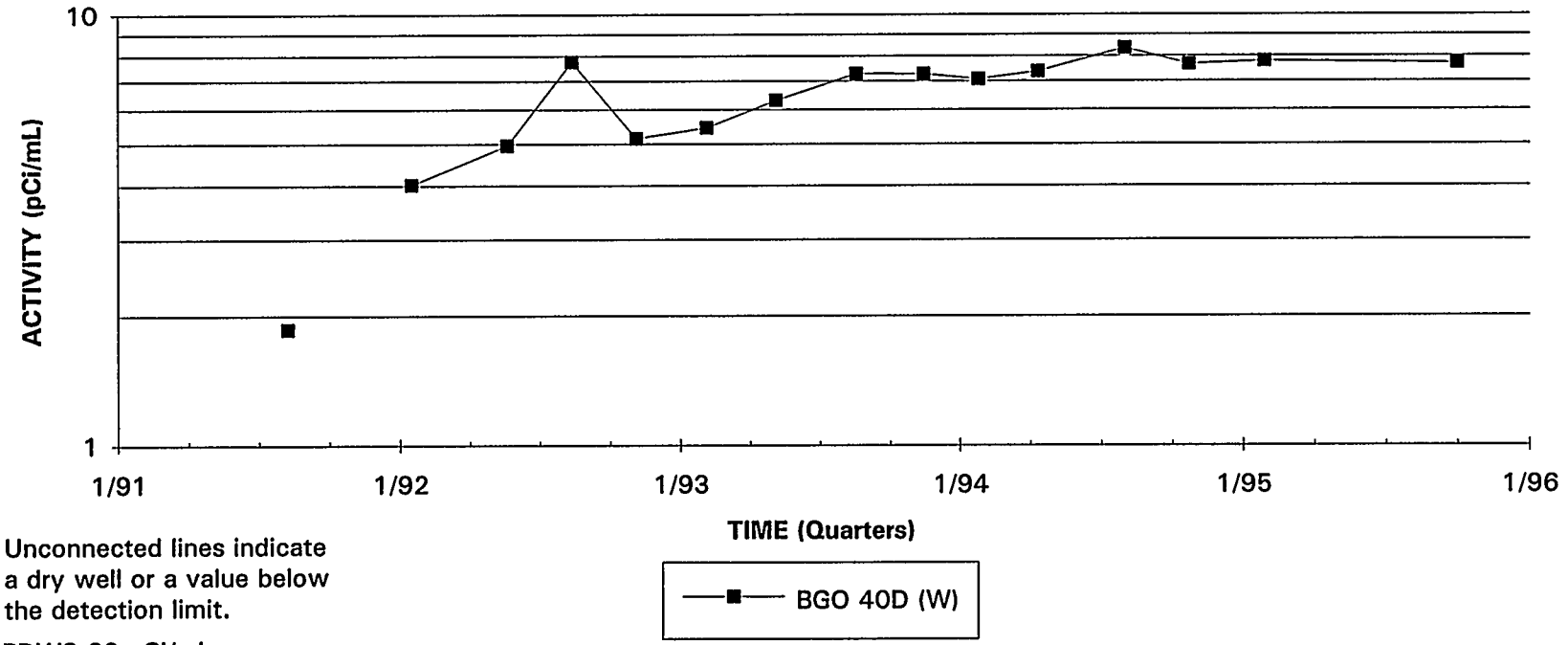


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well BGO 40D

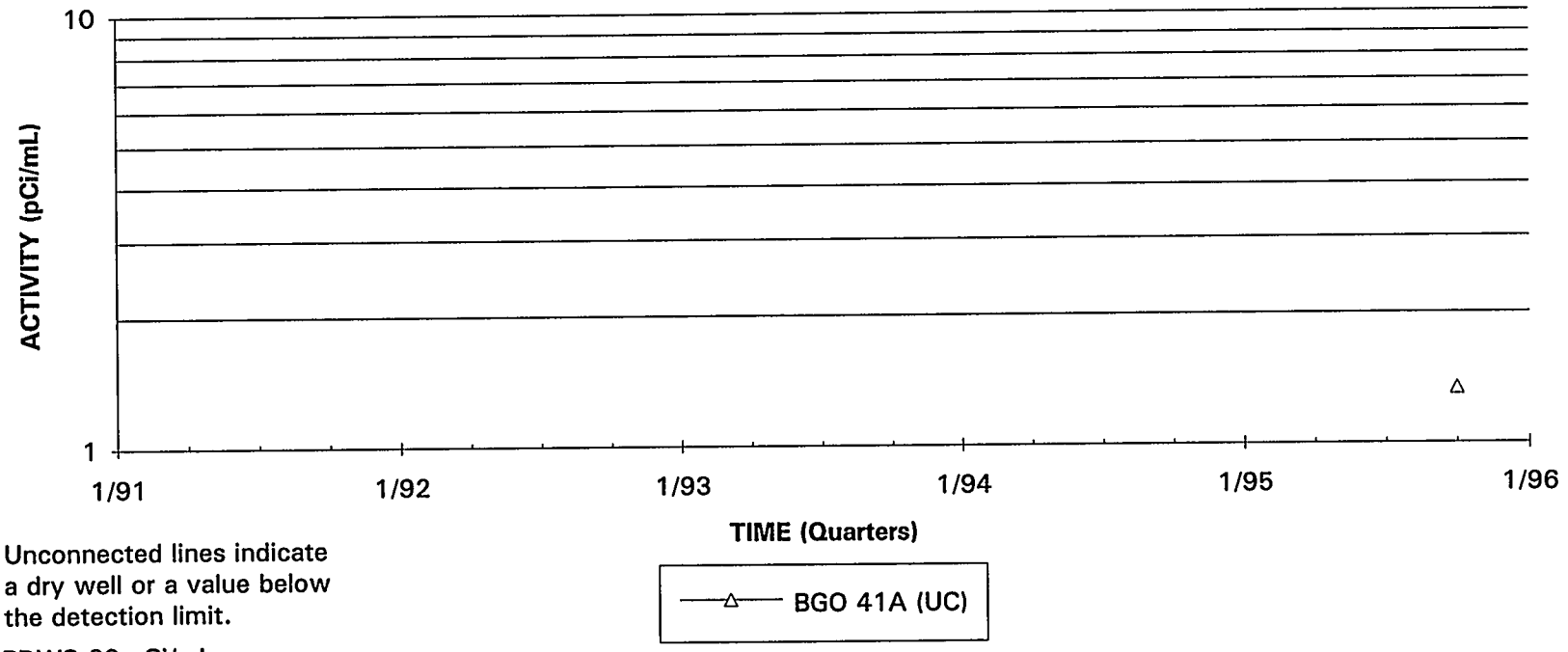


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well BGO 41A

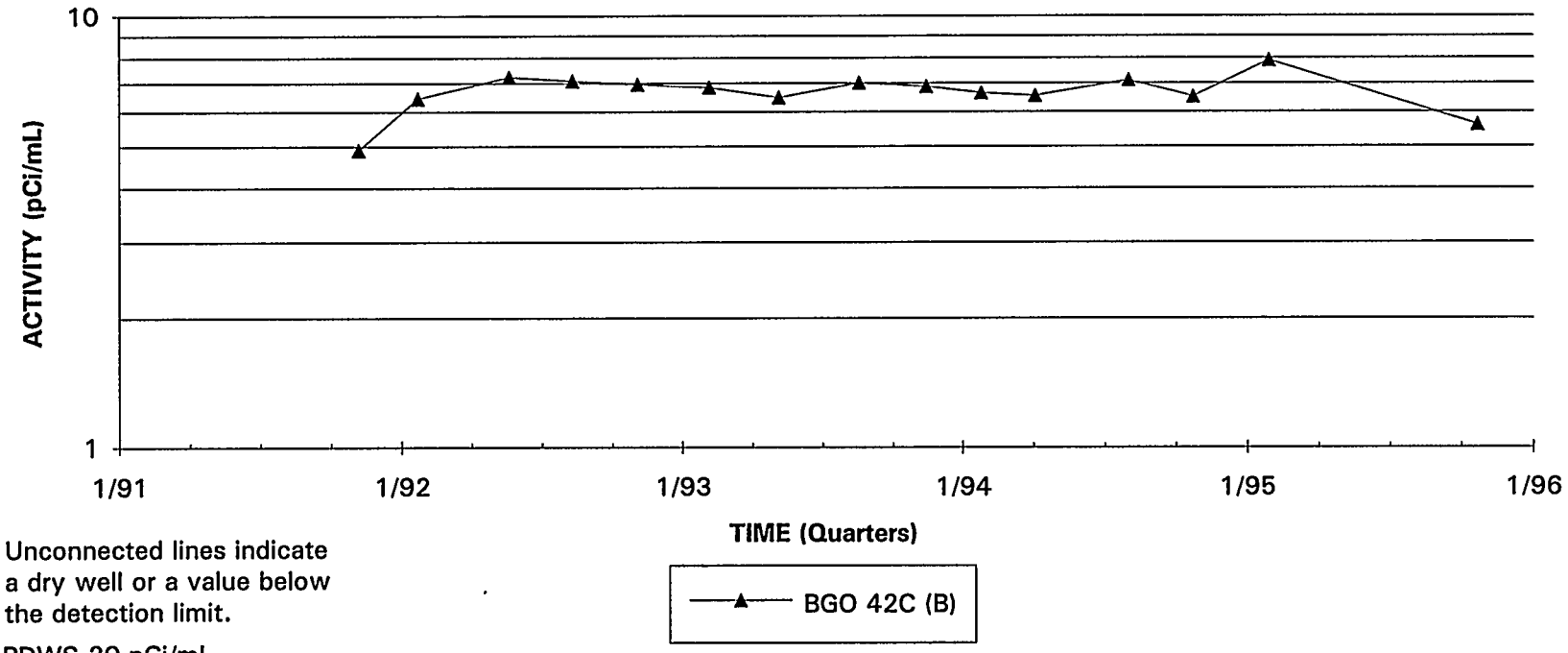


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well BGO 42C

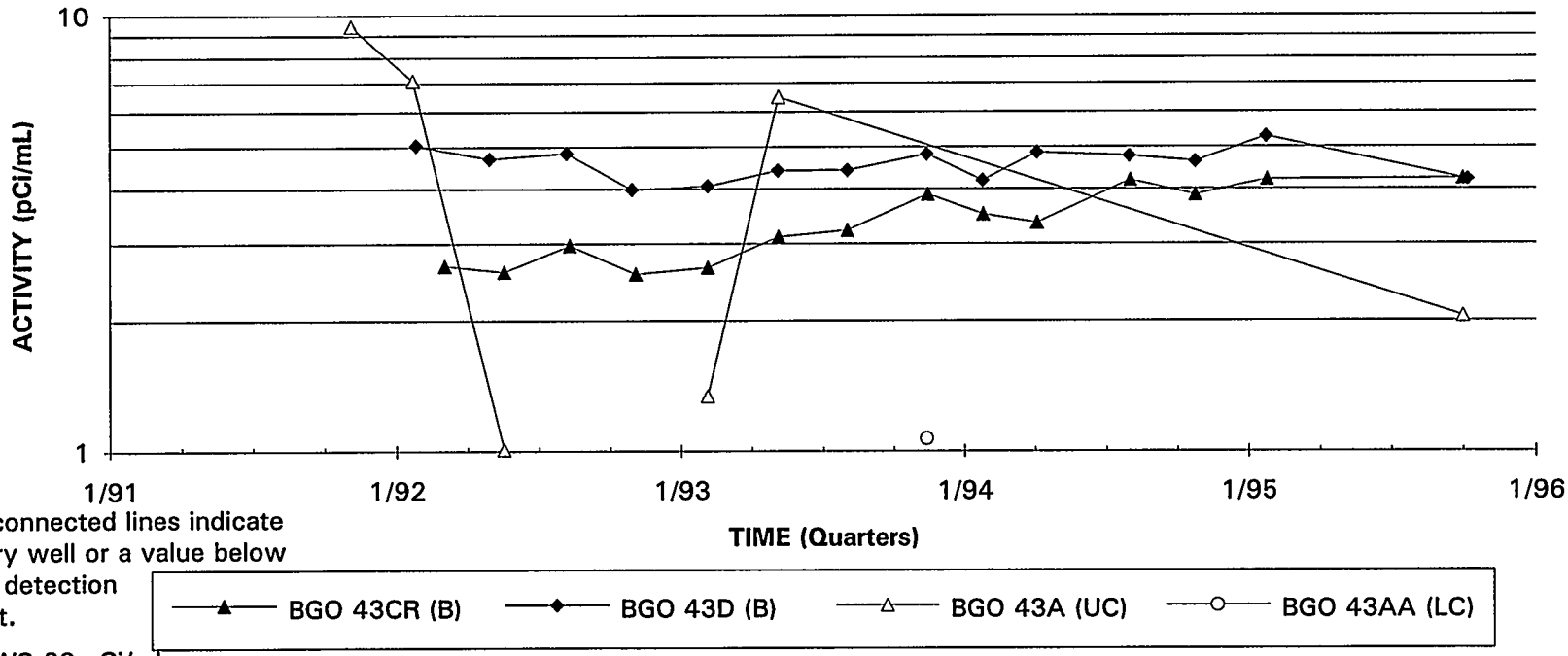


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well Cluster BGO 43

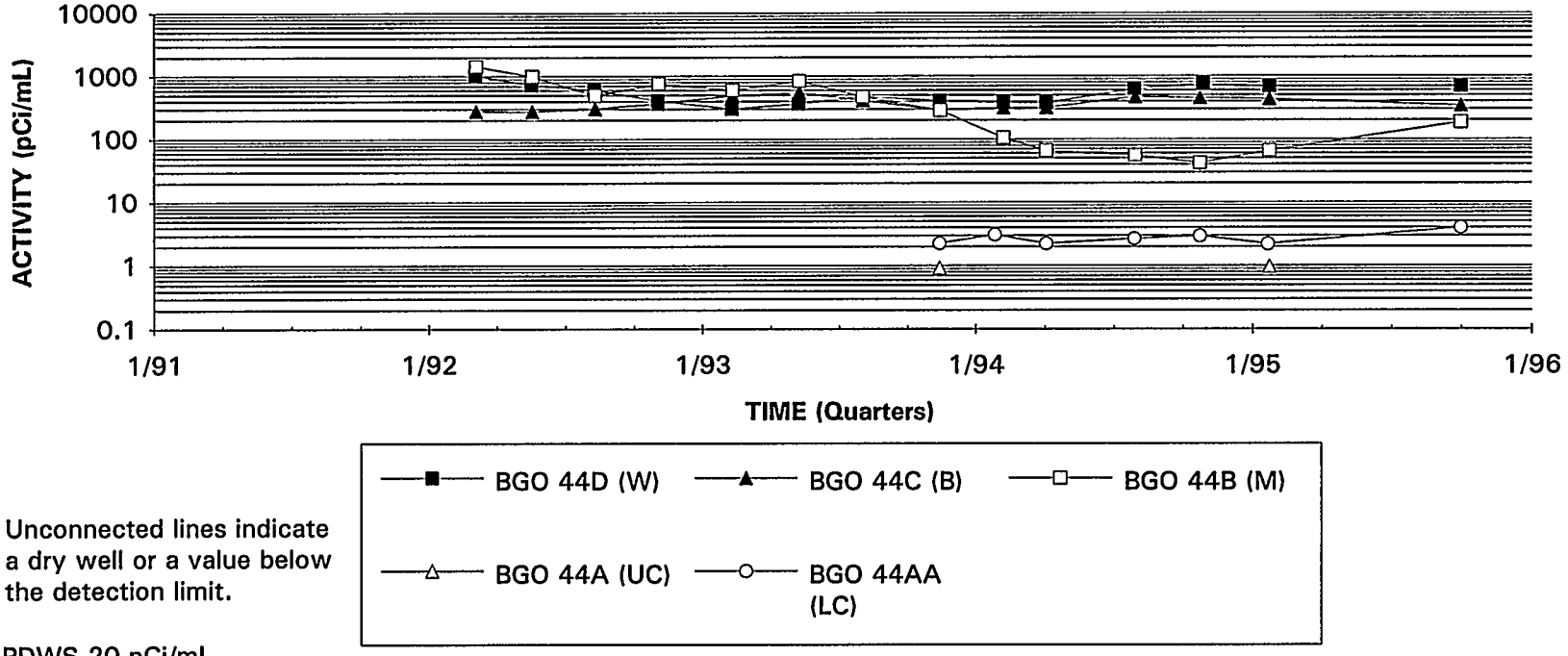


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well Cluster BGO 44

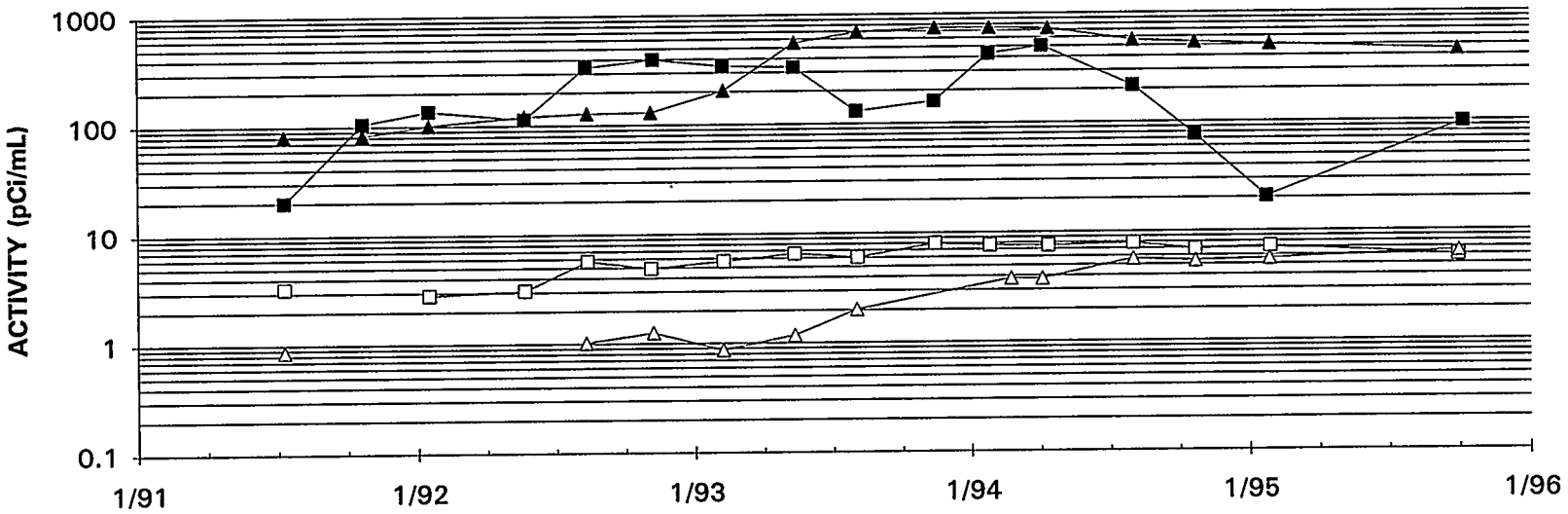


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well Cluster BGO 45

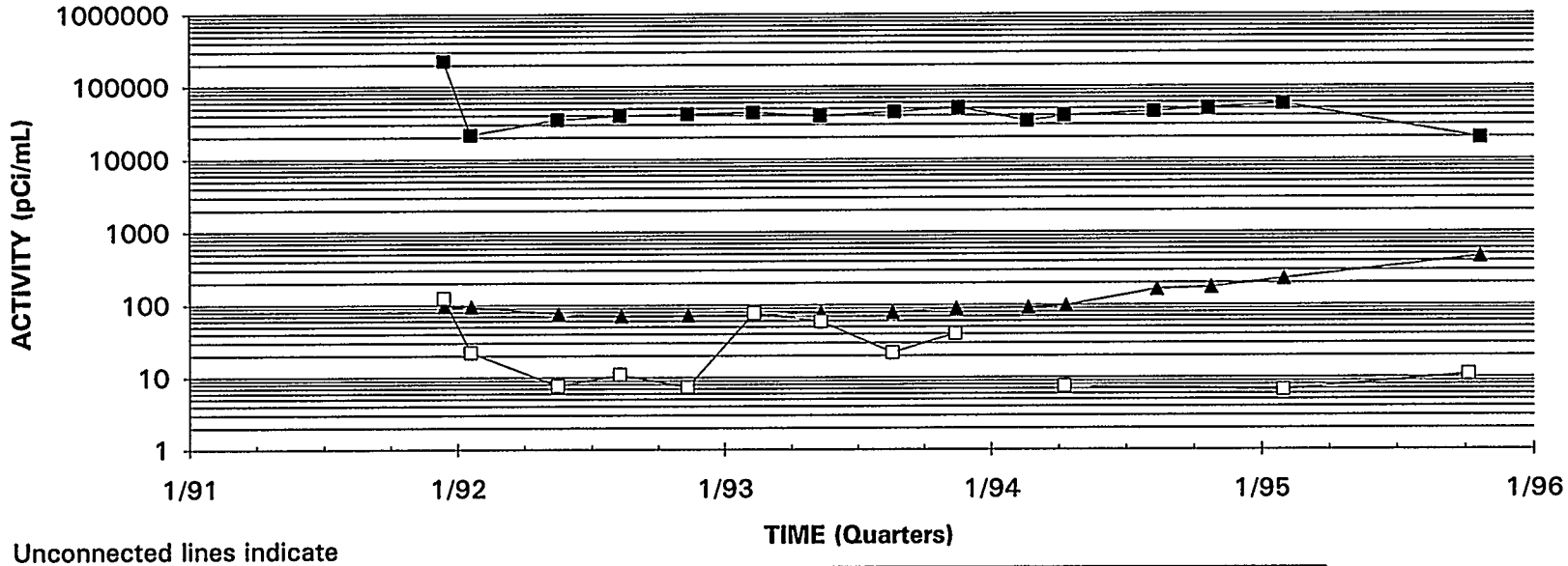


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well Cluster BGO 46

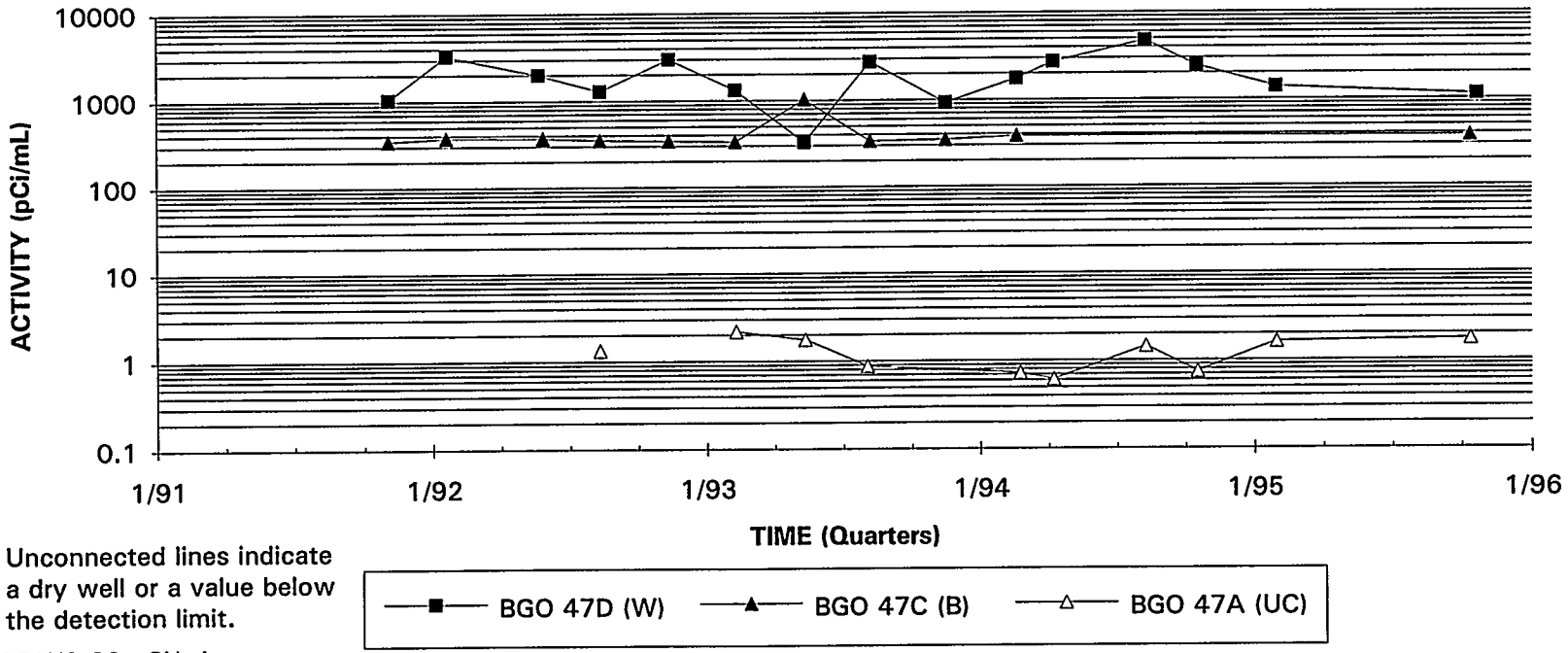


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well Cluster BGO 47

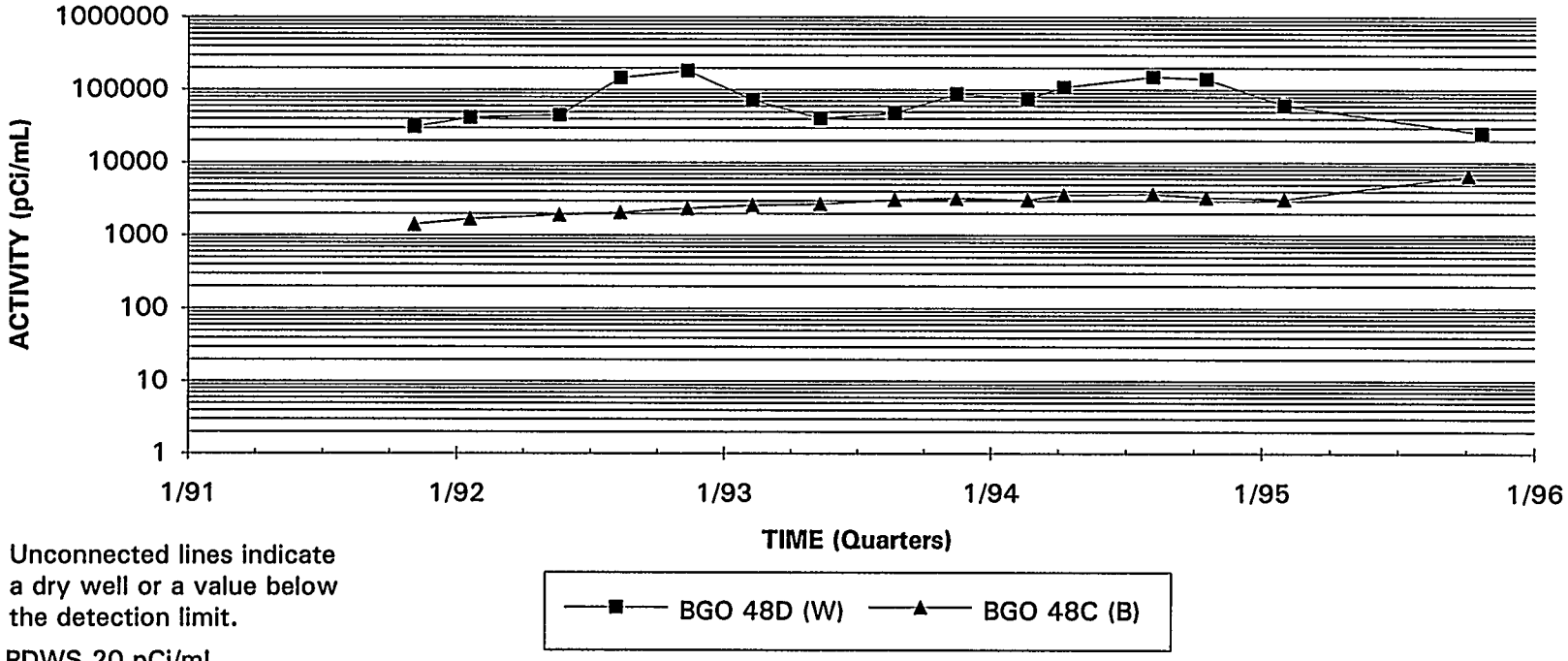


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well Cluster BGO 48

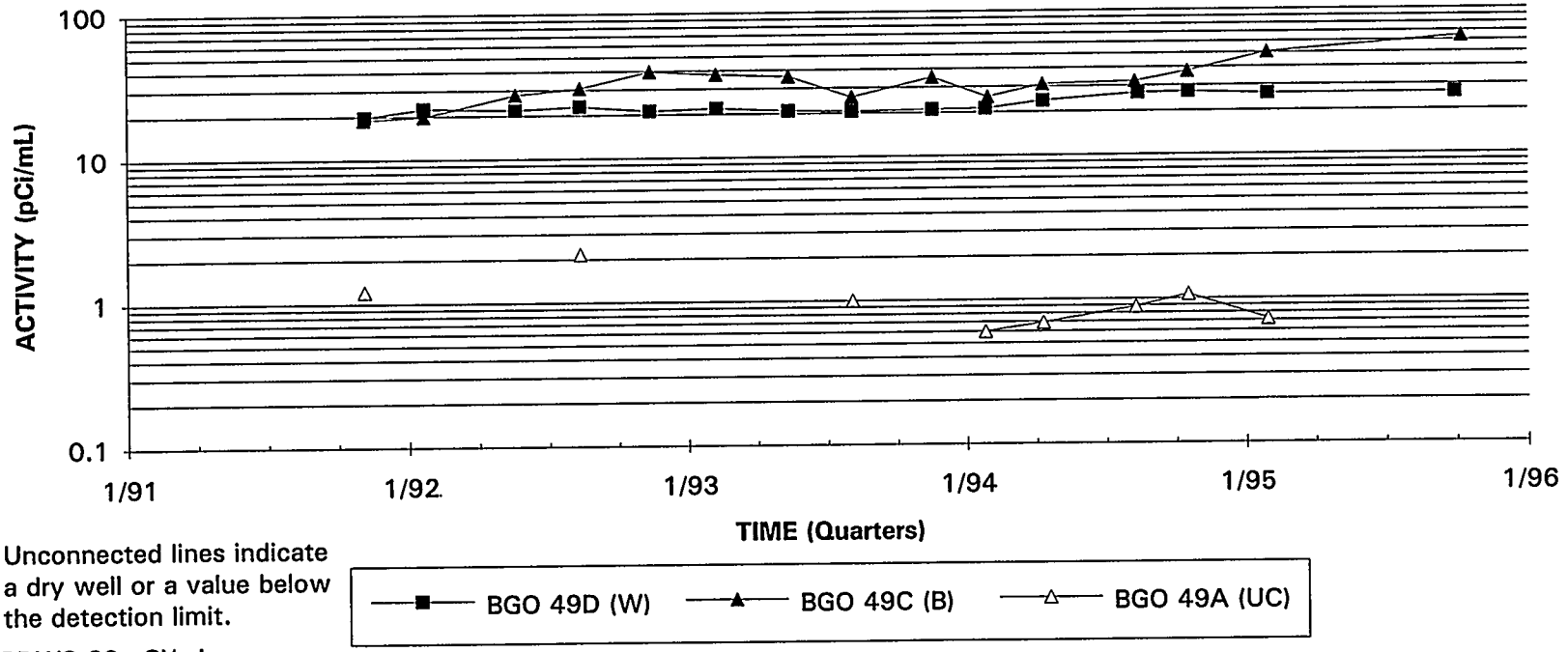


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well Cluster BGO 49

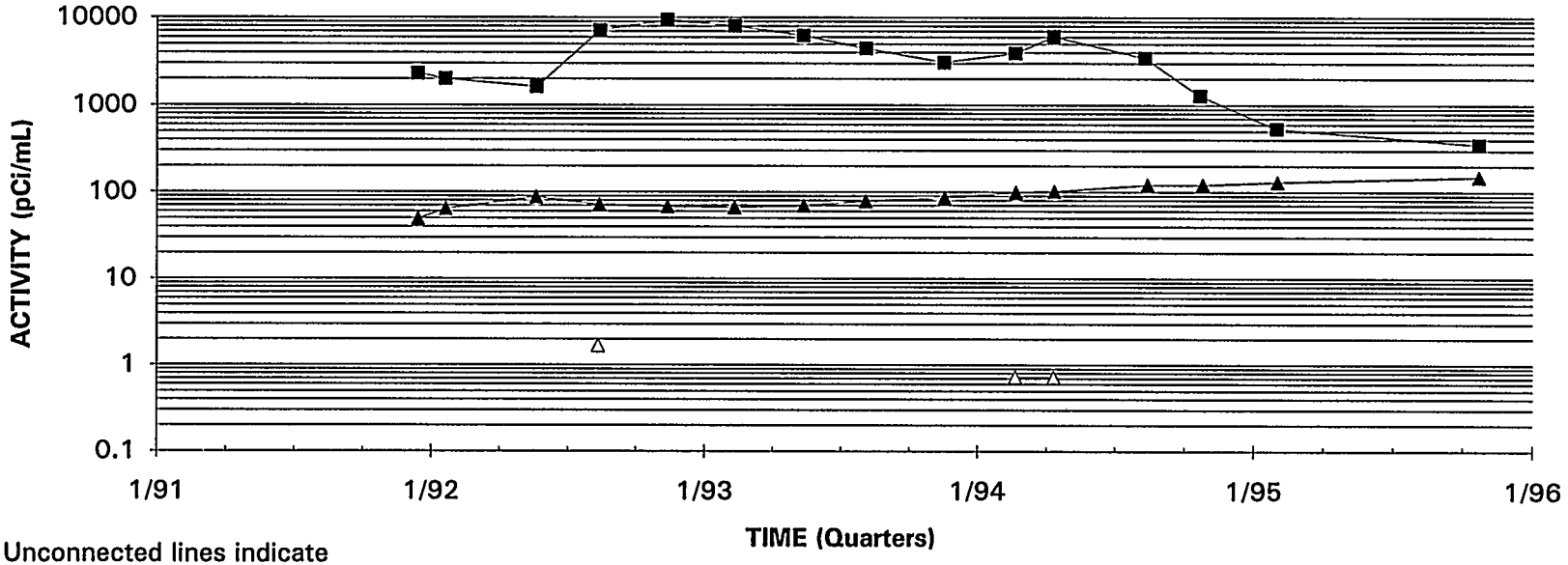


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well Cluster BGO 50

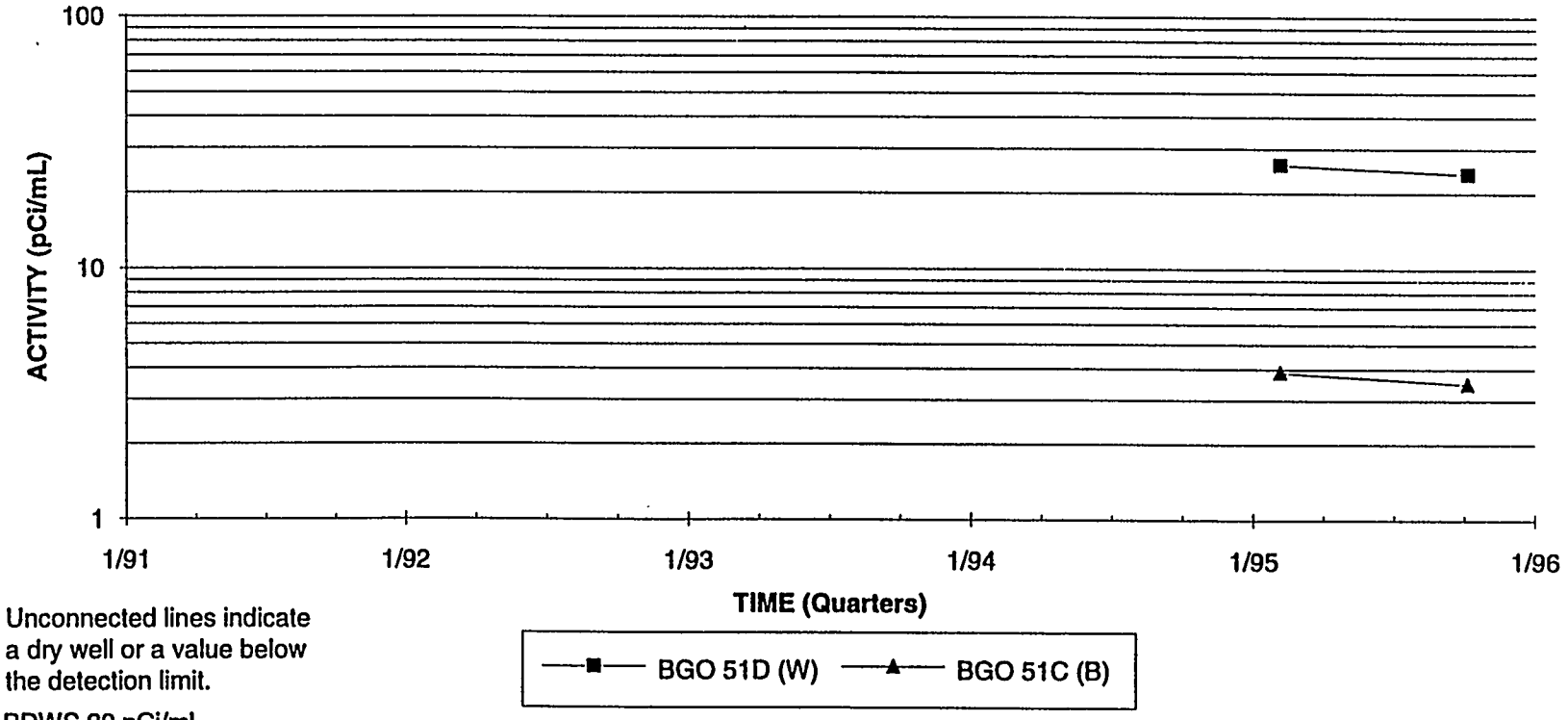


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well Cluster BGO 51

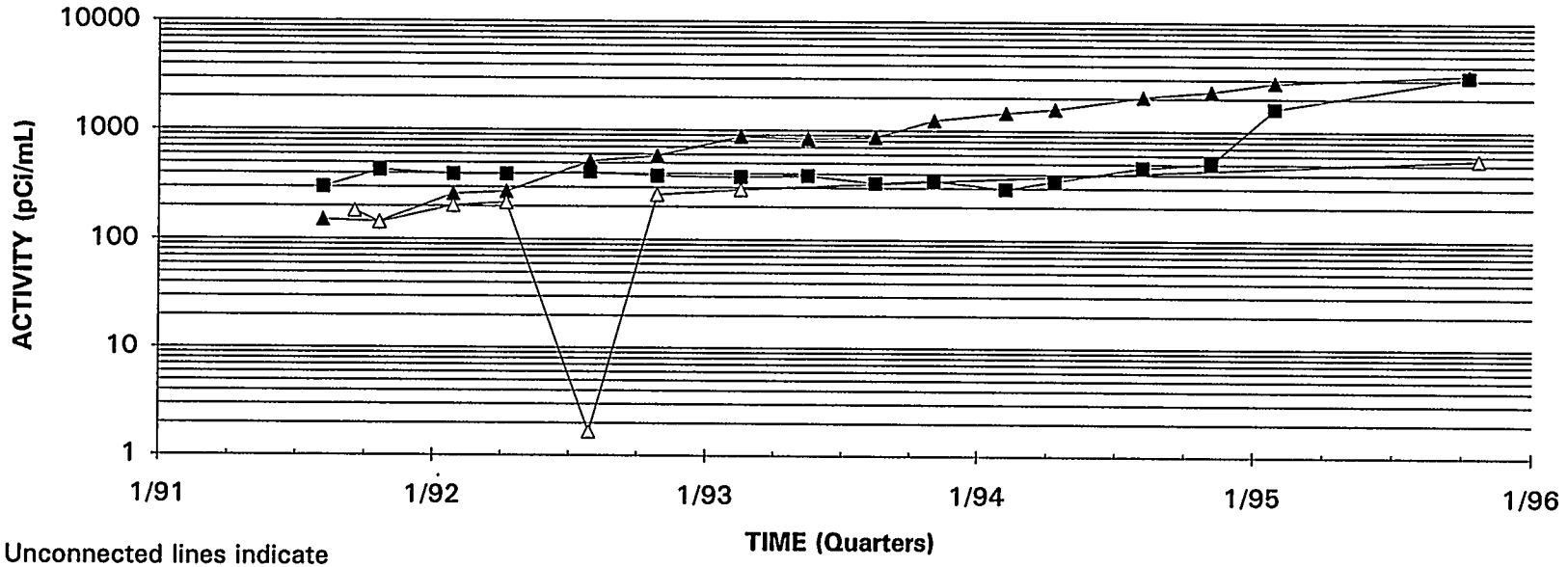


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well Cluster BGX 1

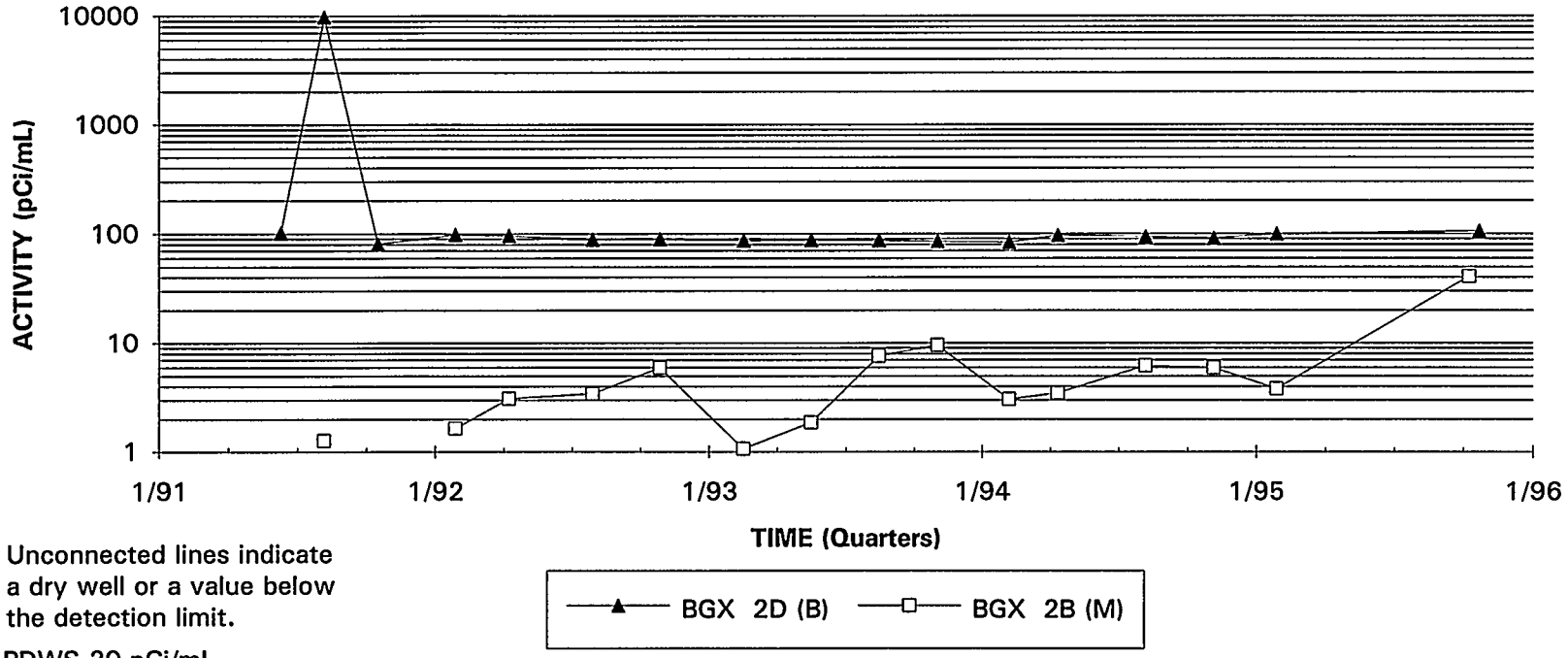


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well Cluster BGX 2

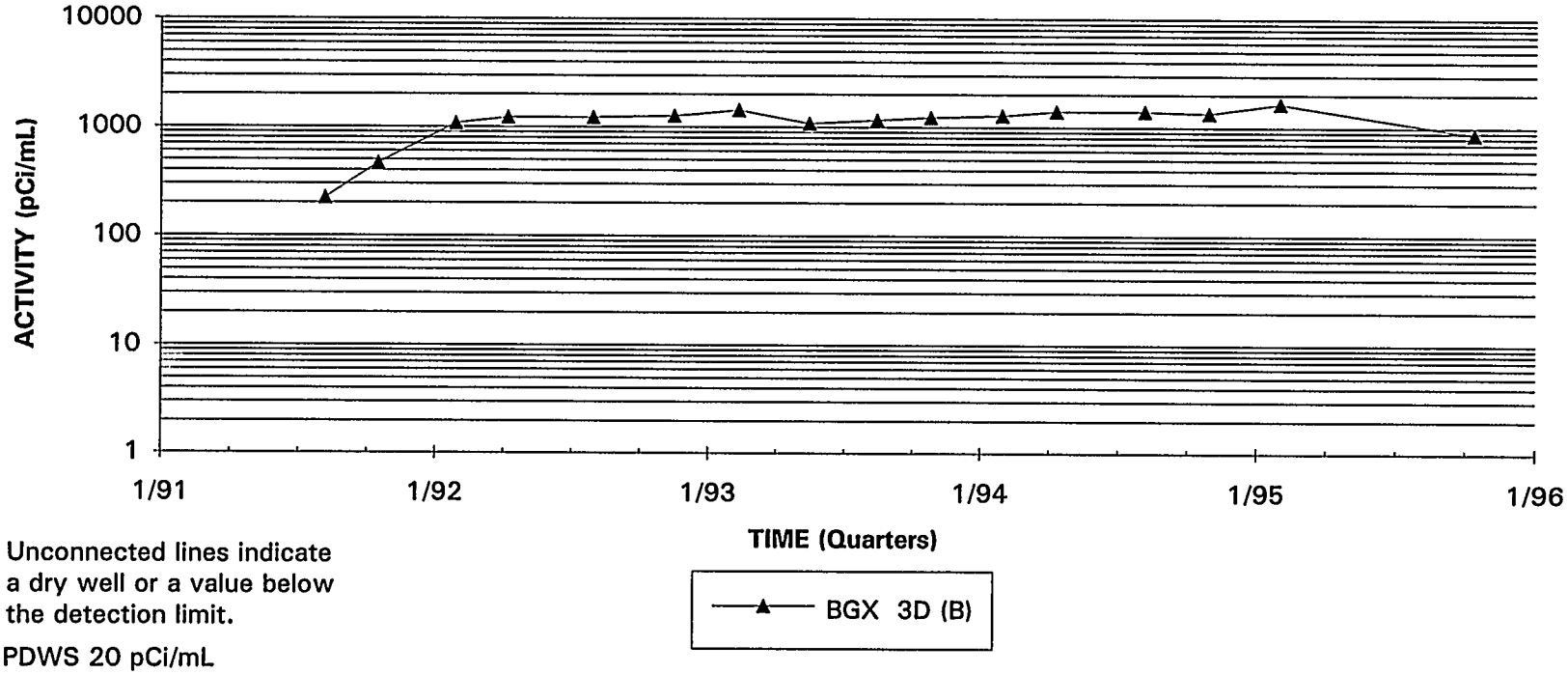


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well BGX 3D

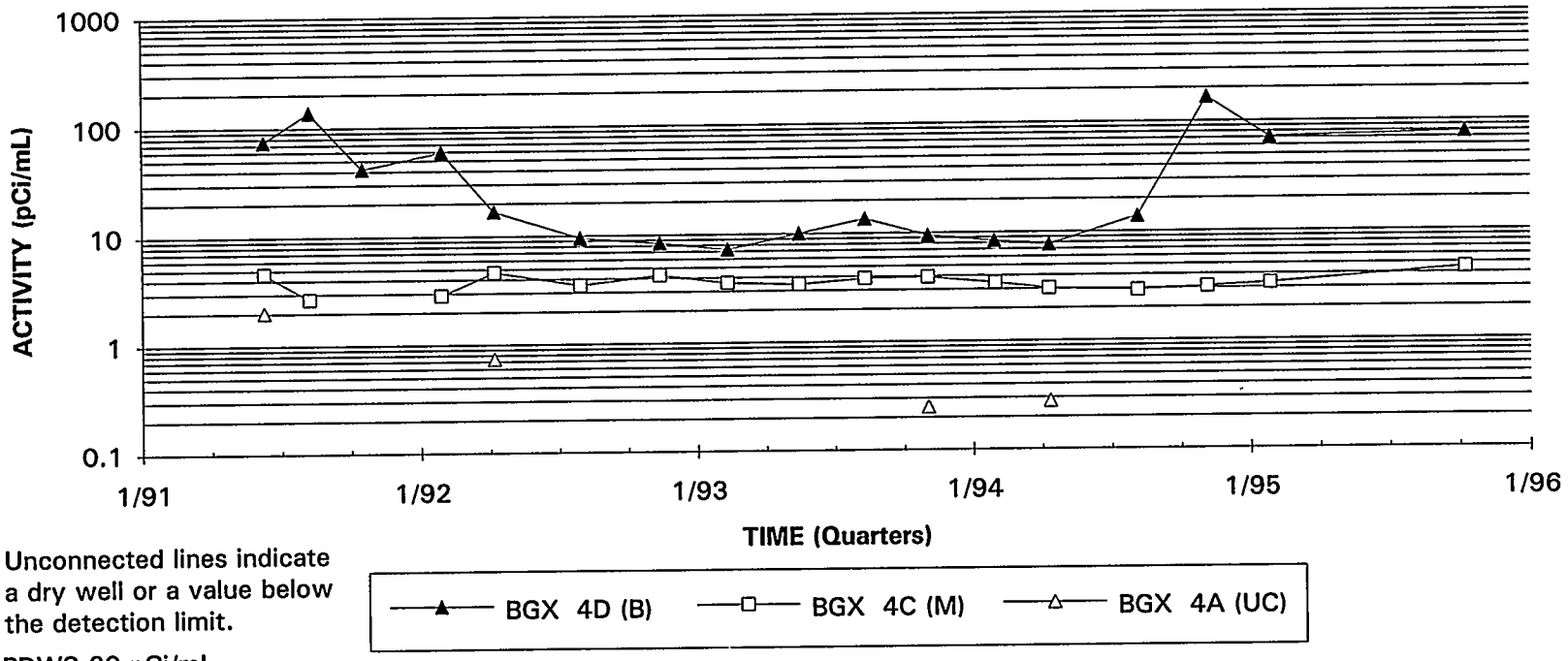


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well Cluster BGX 4

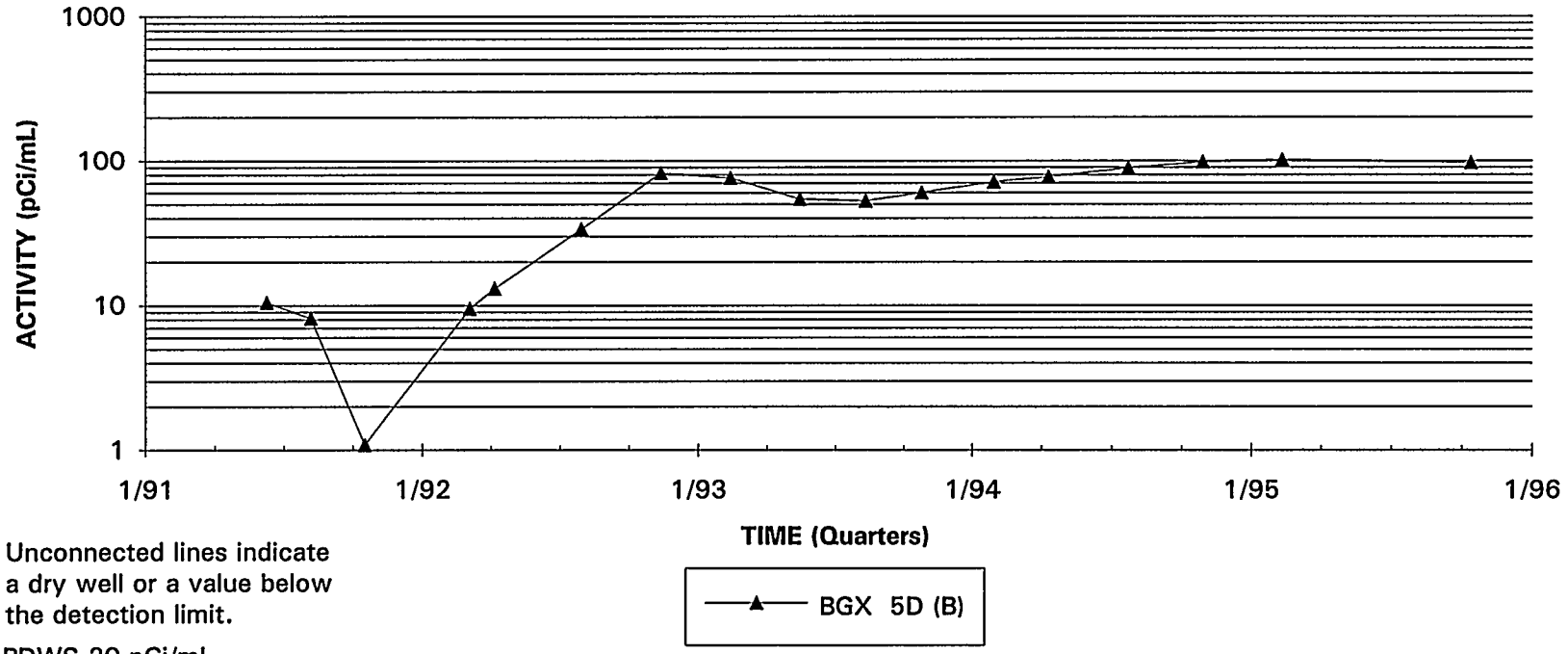


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well BGX 5D

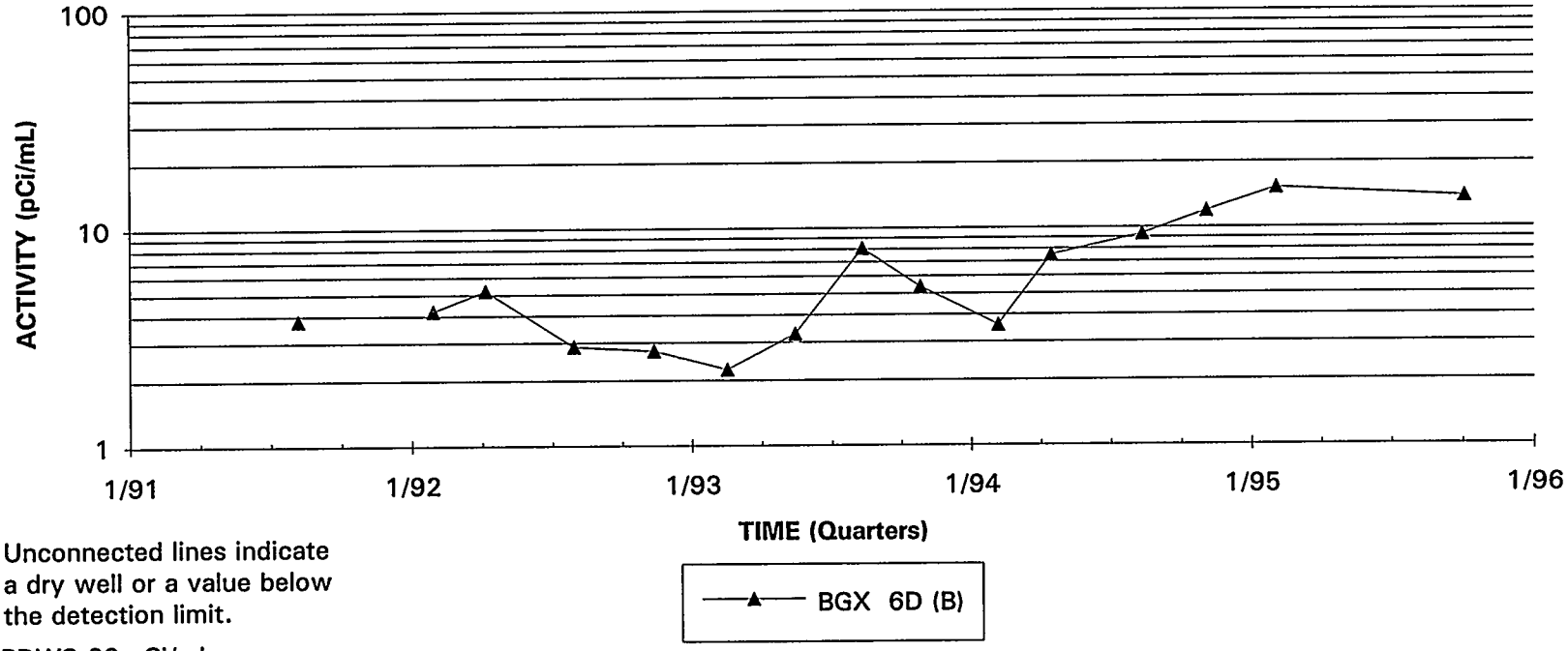


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well BGX 6D

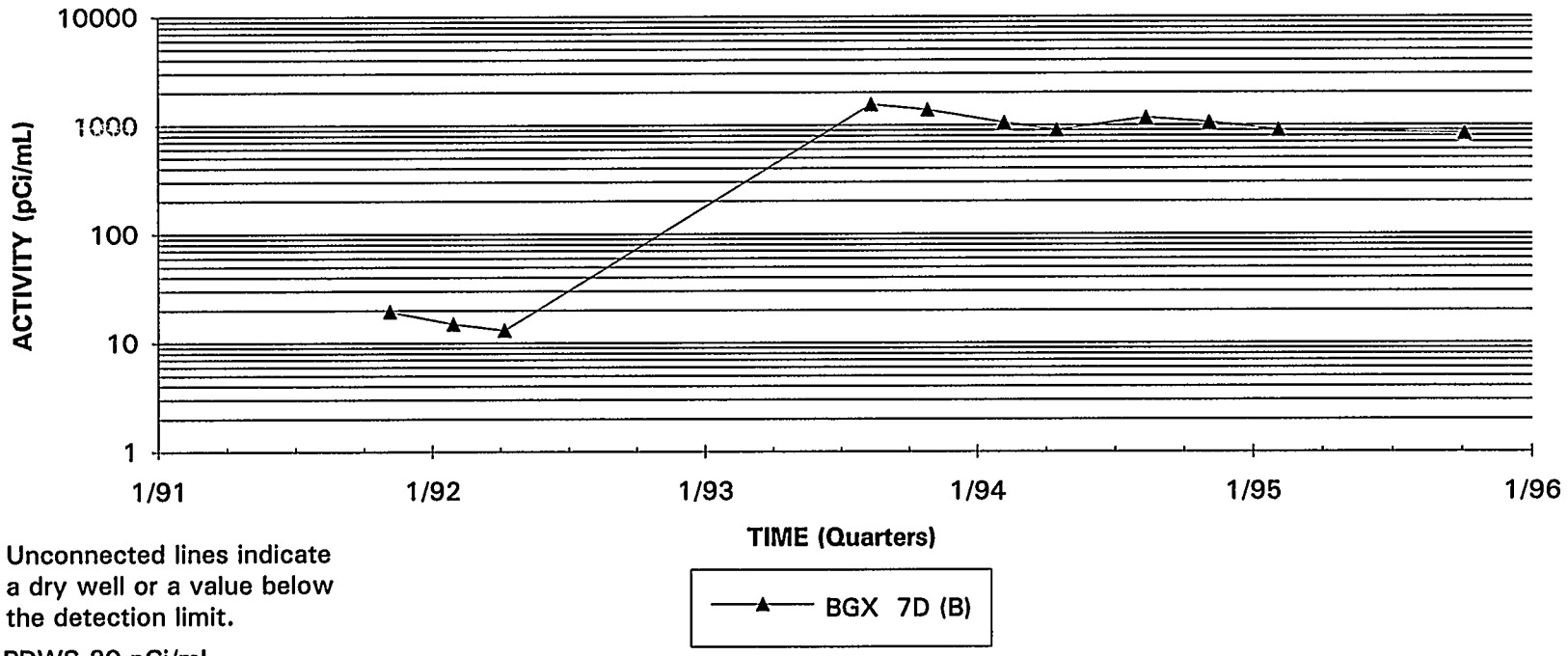


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well BGX 7D

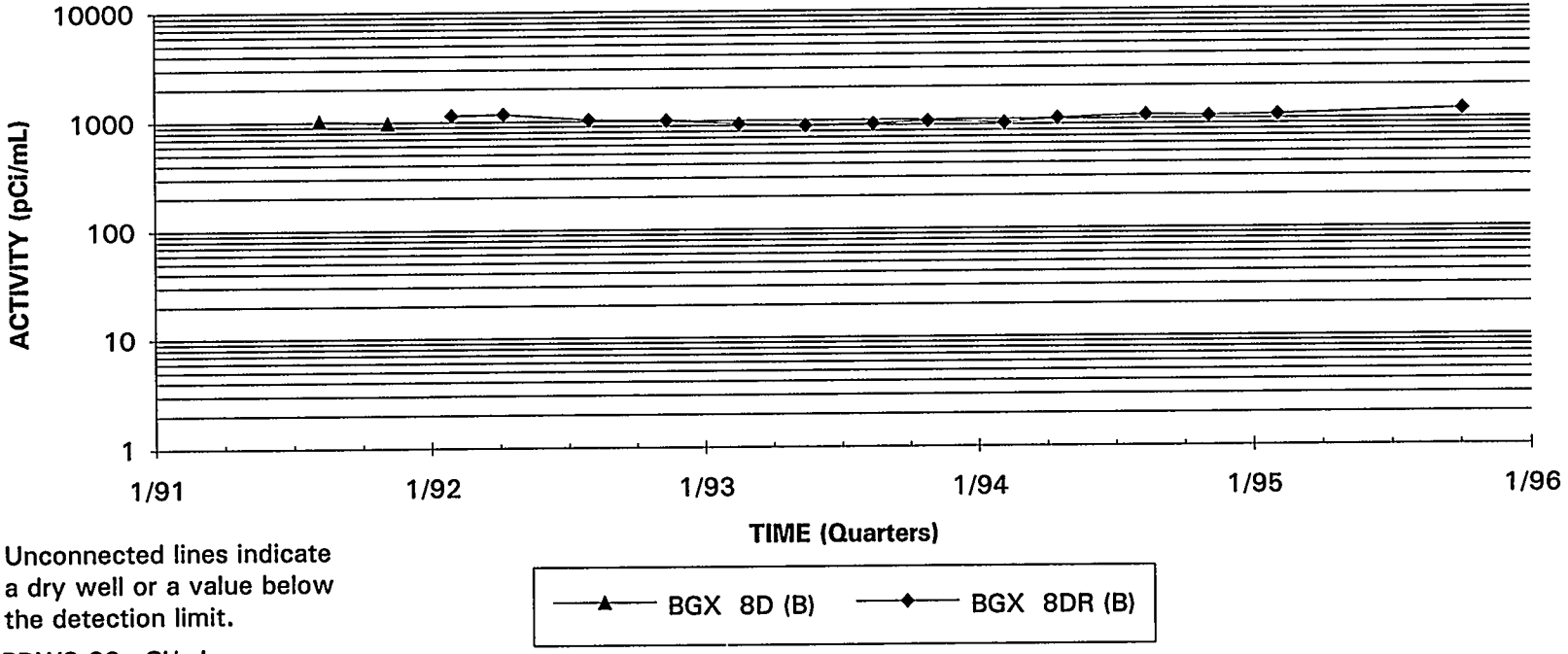


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well Cluster BGX 8

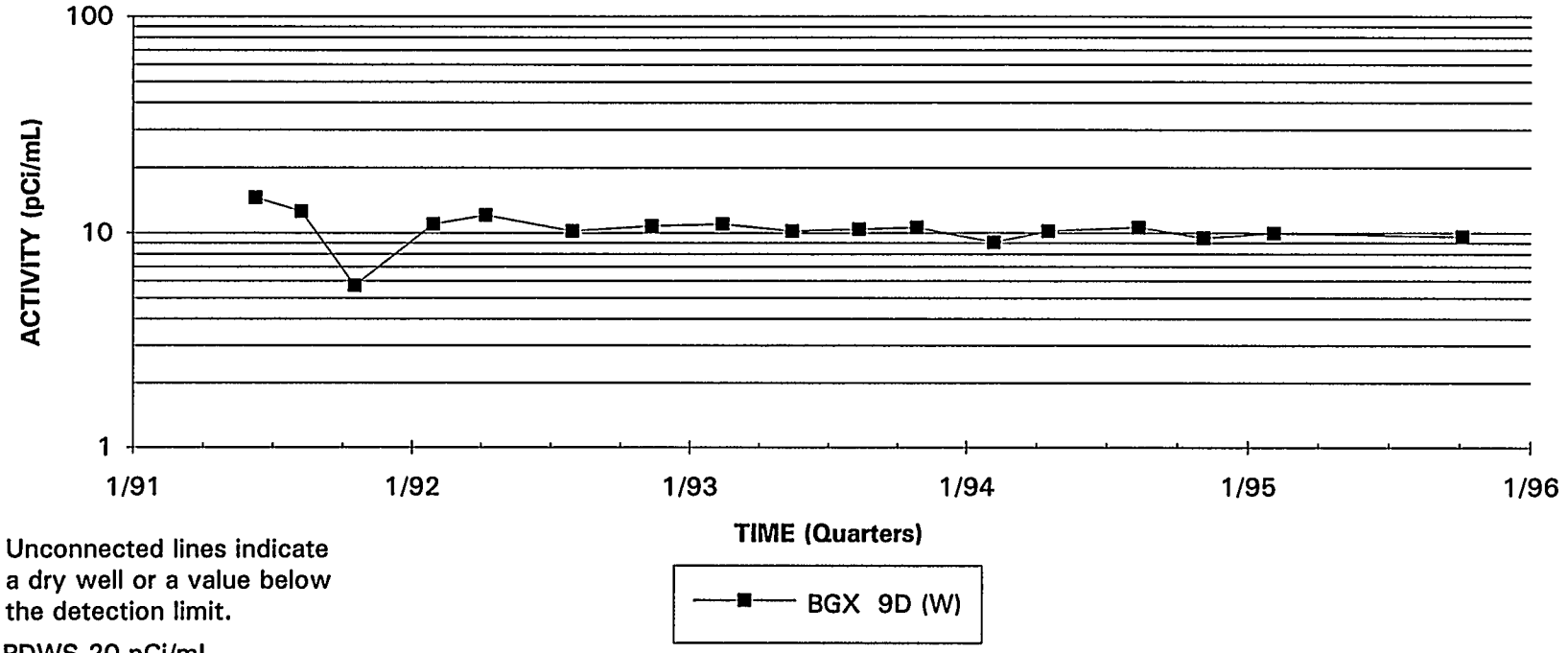


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well BGX 9D

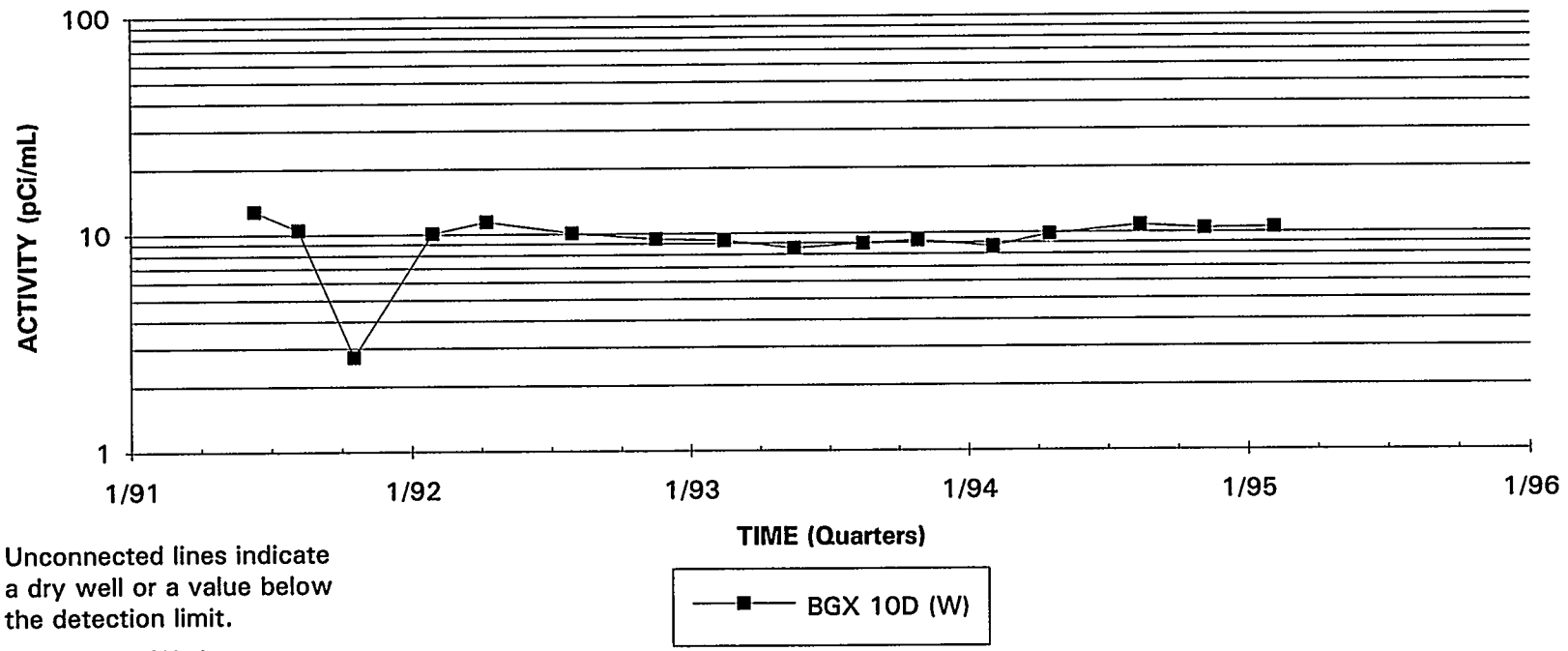


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well BGX 10D

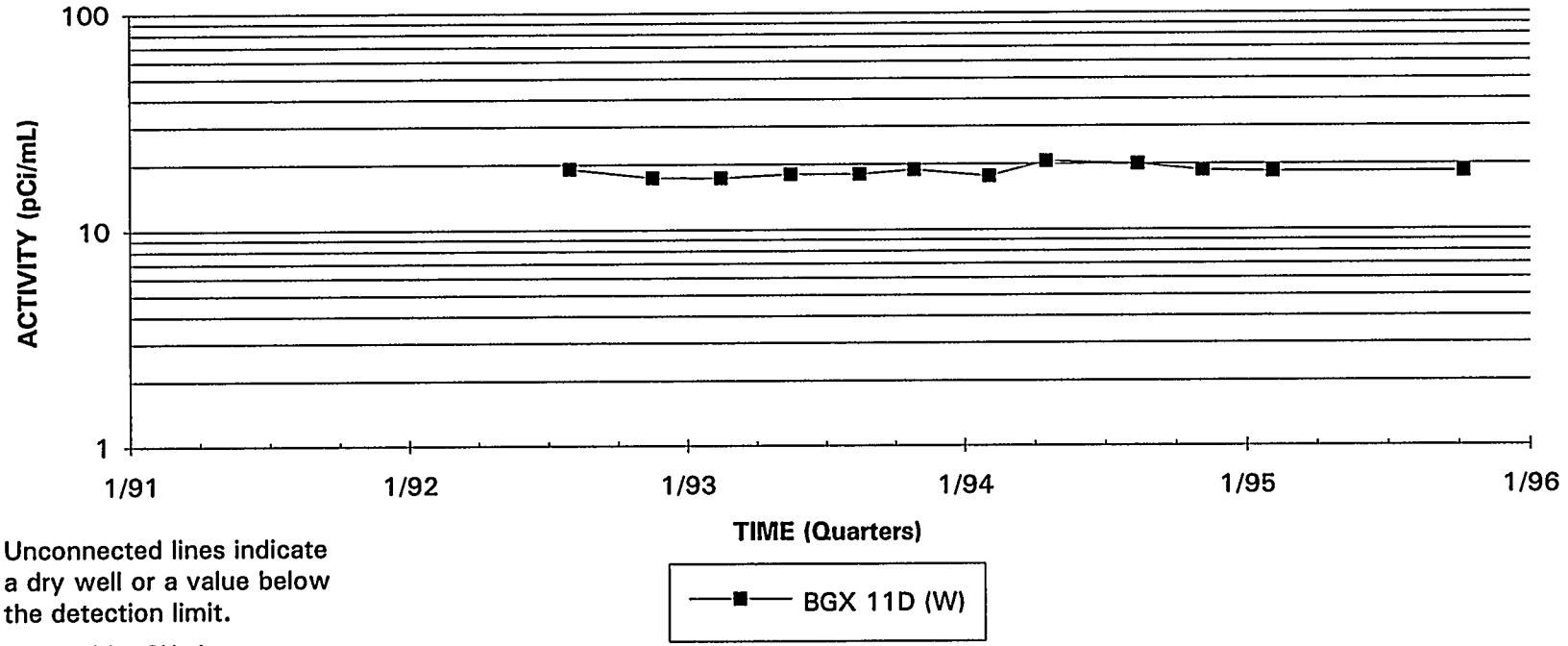


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well BGX 11D

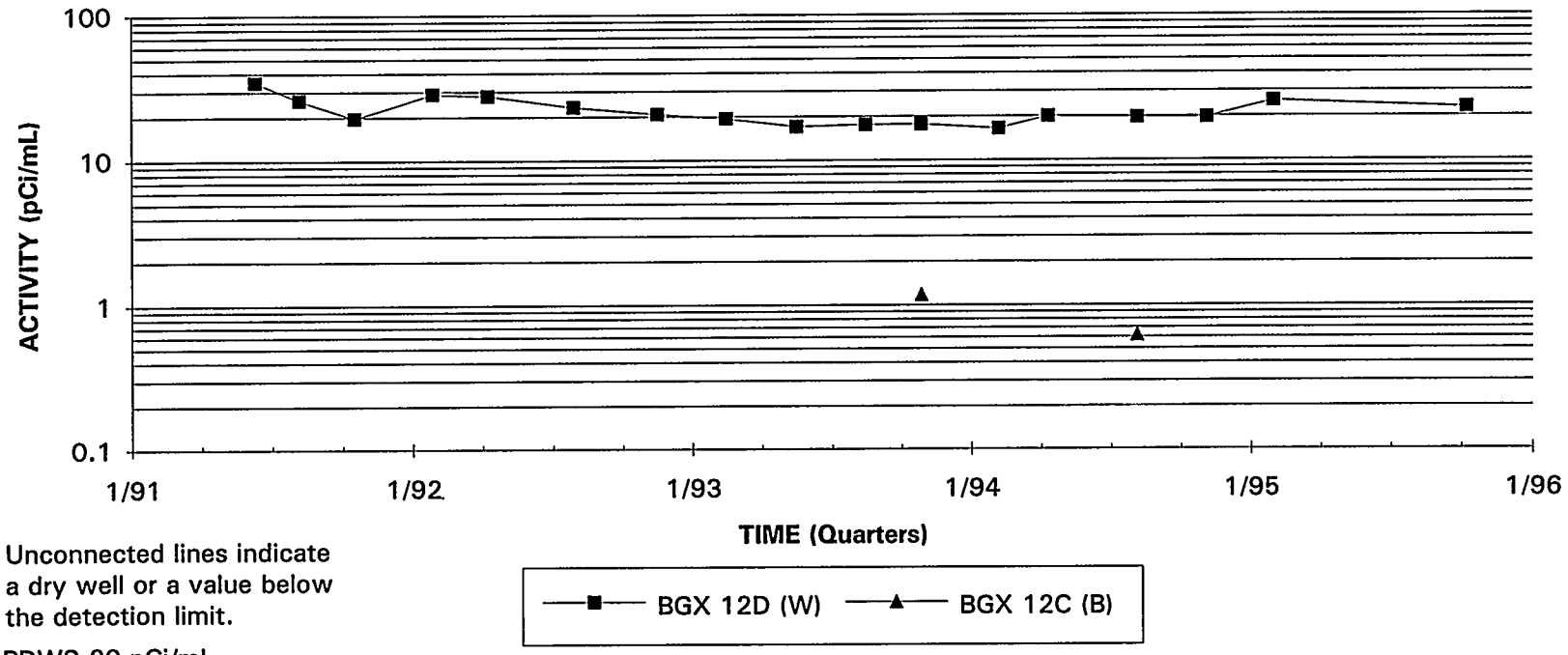


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well Cluster BGX 12

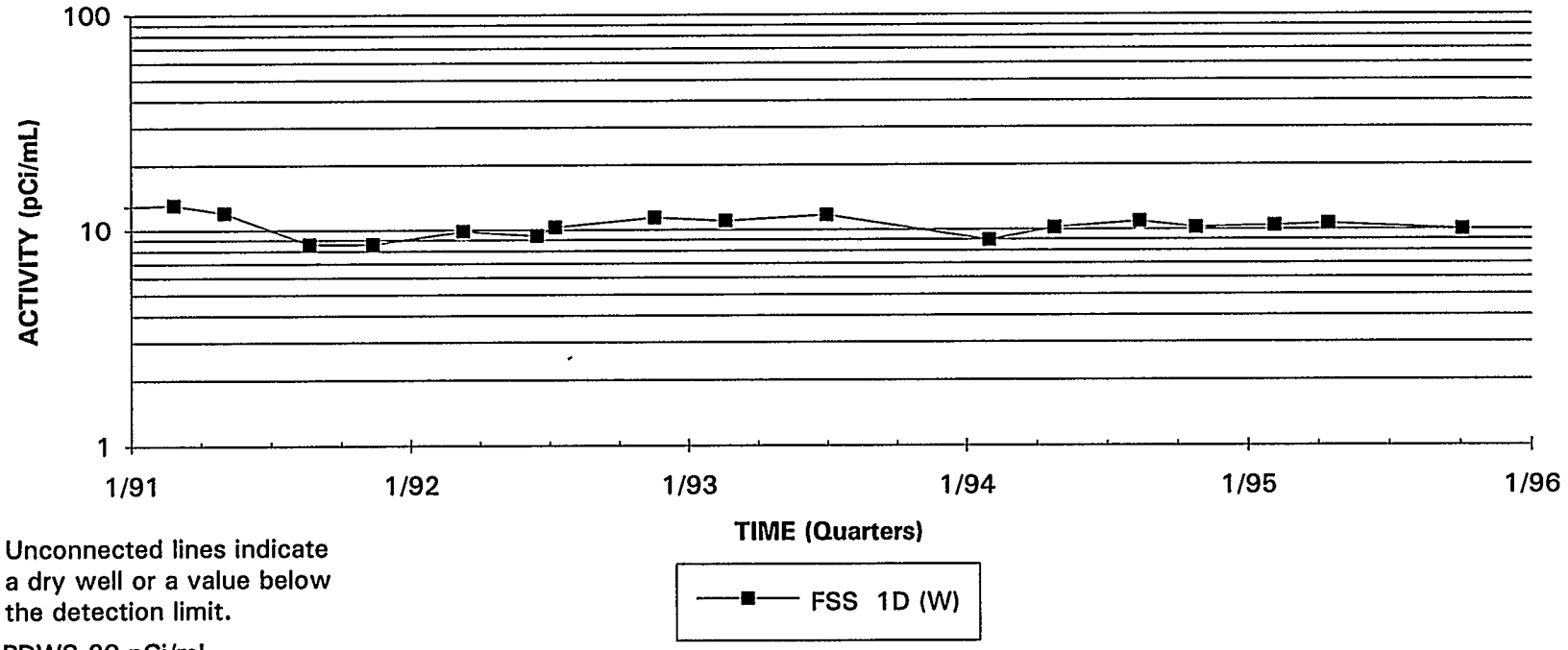


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

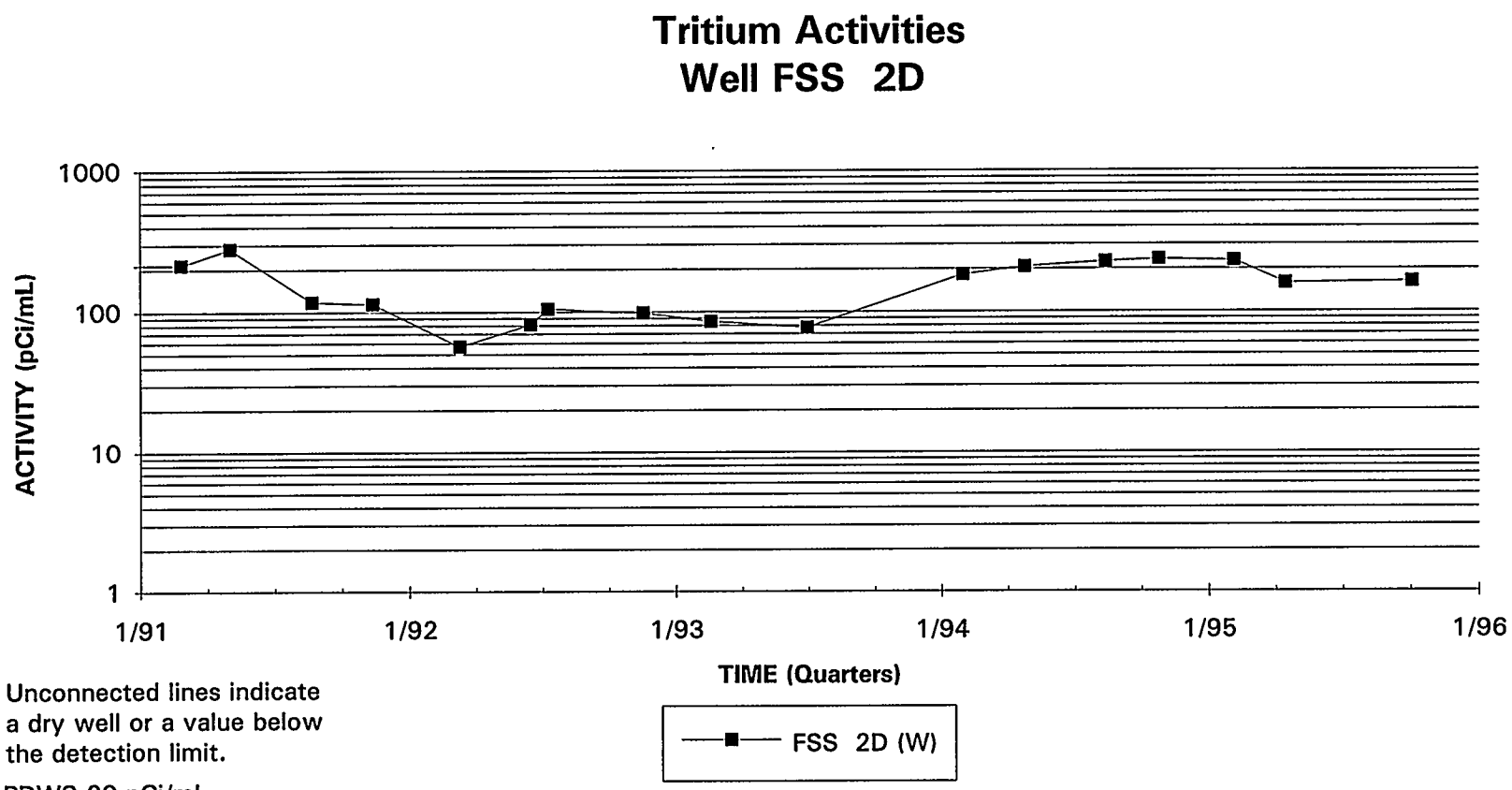
Tritium Activities
Well FSS 1D



Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

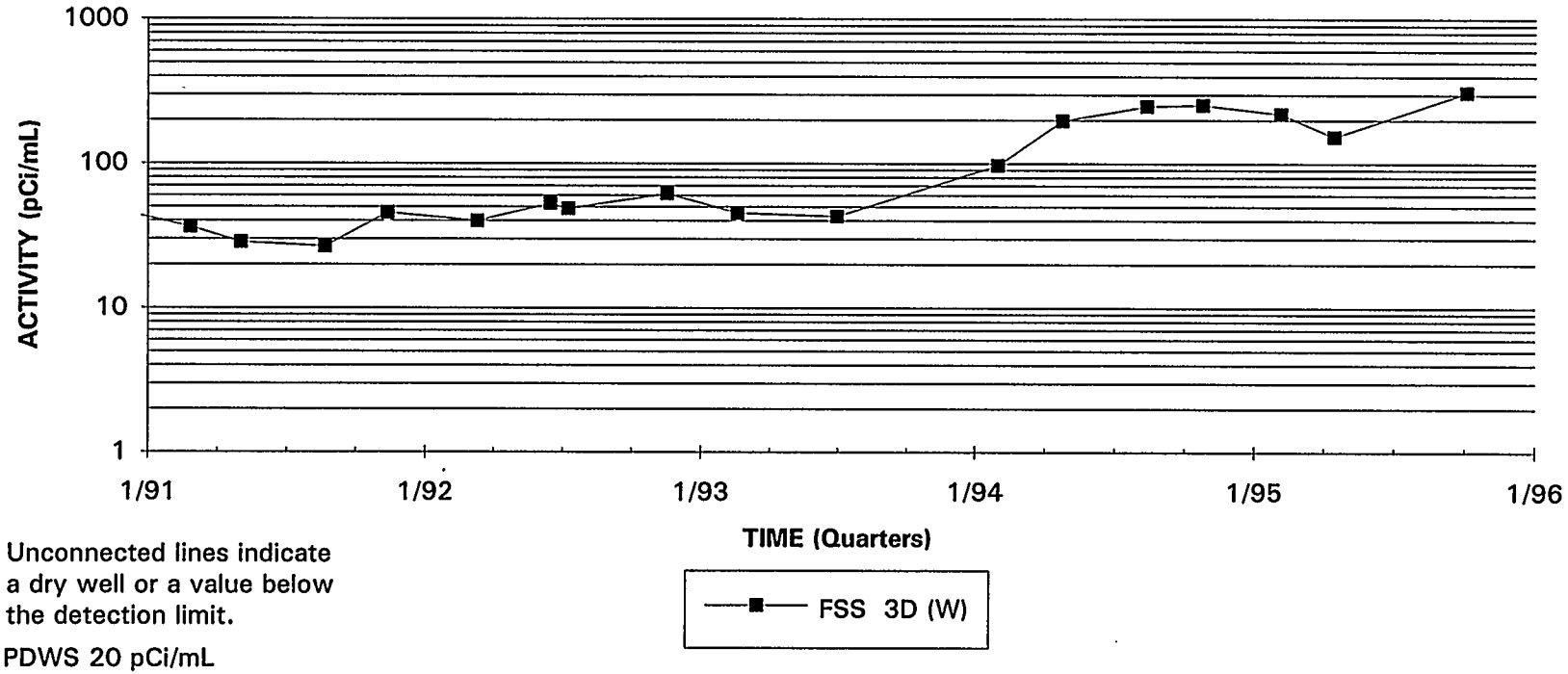


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well FSS 3D

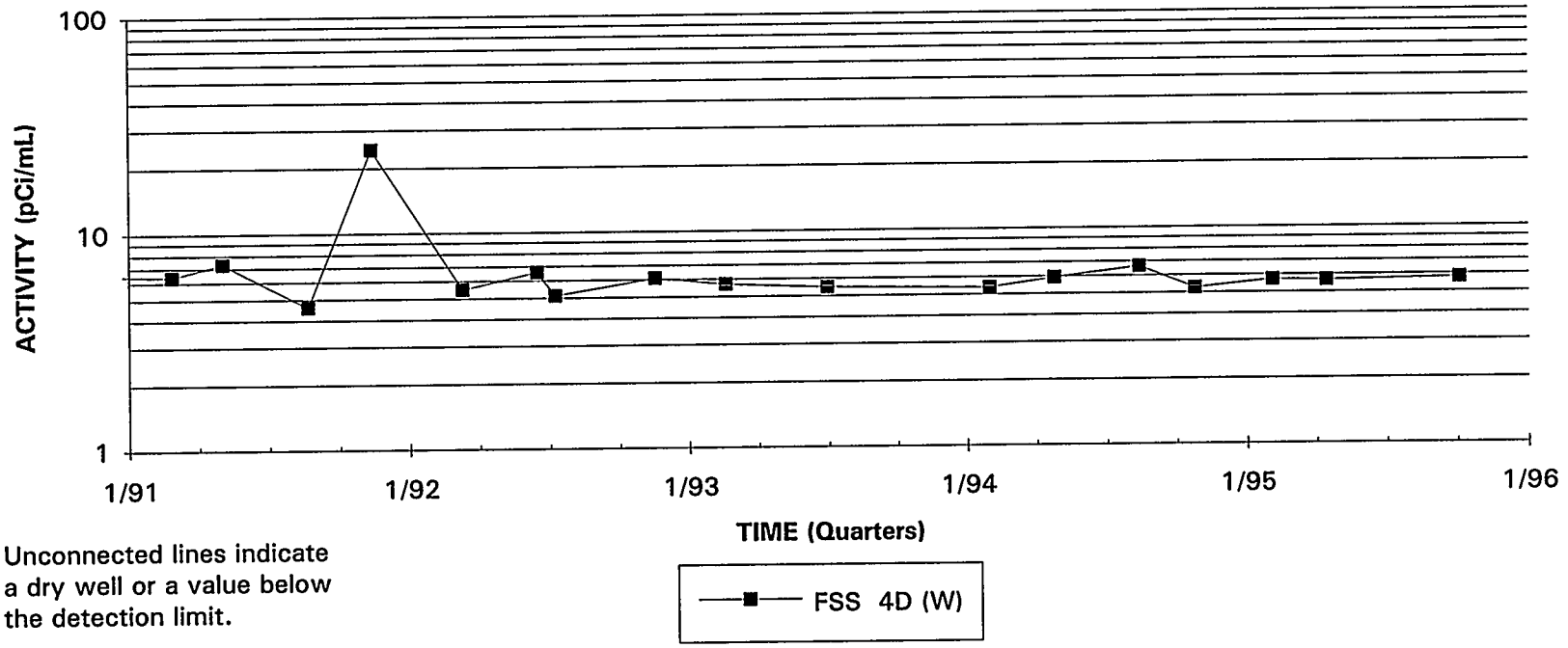


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well FSS 4D

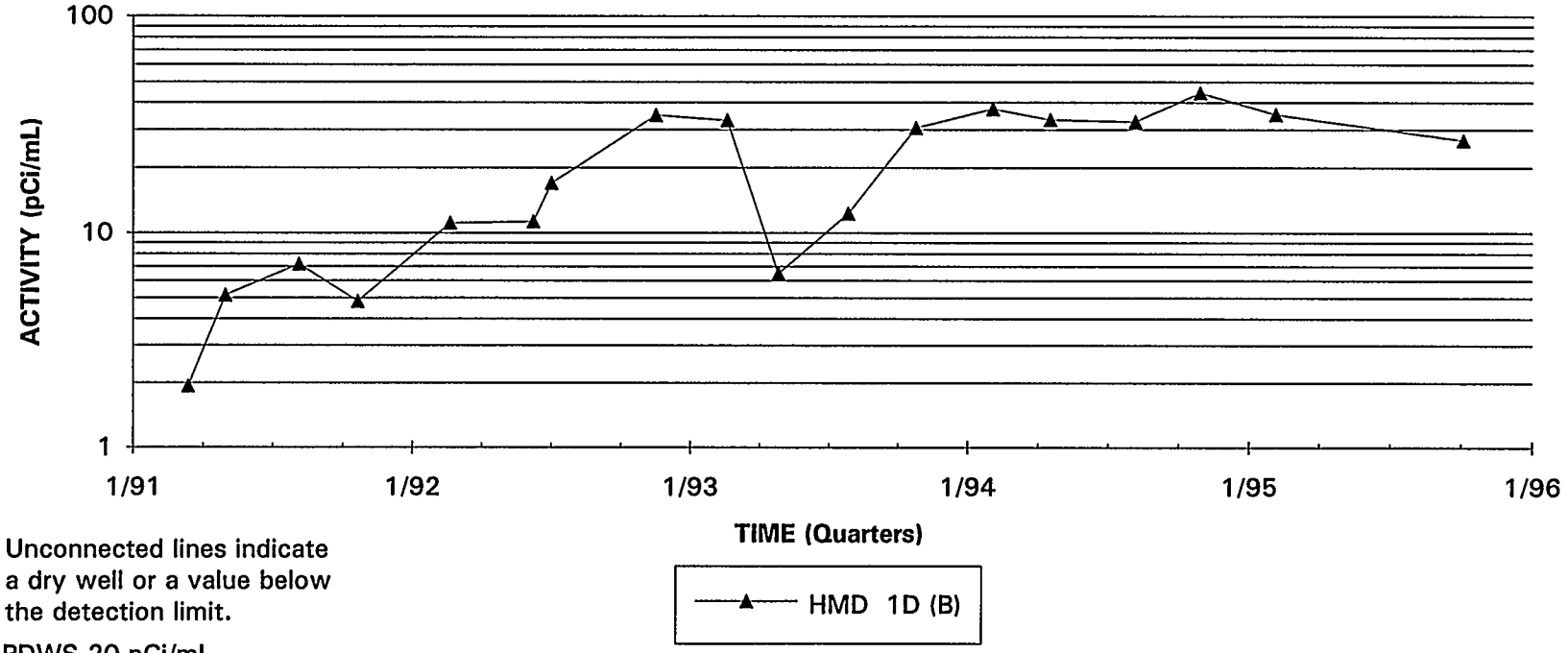


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

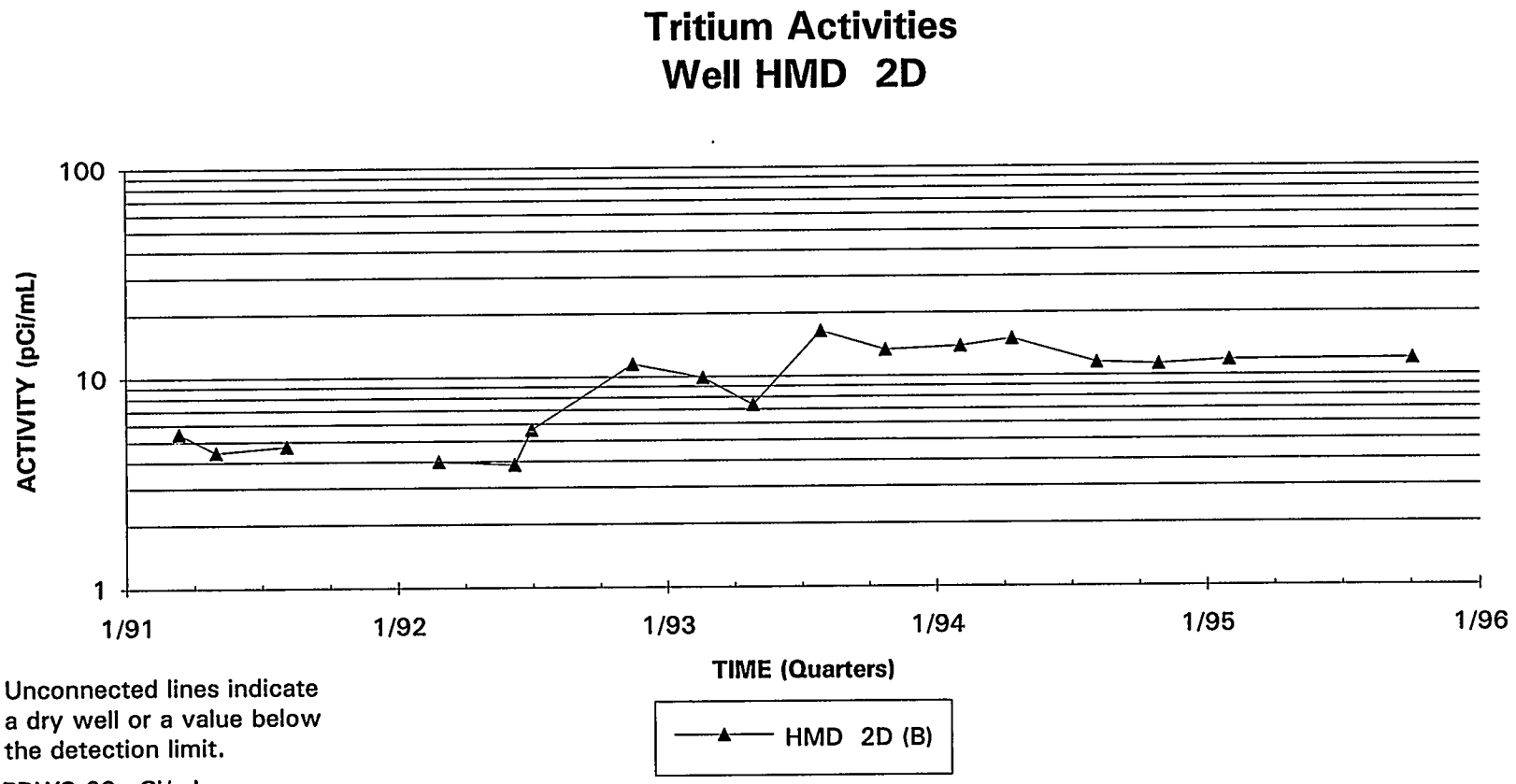
Tritium Activities
Well HMD 1D



Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

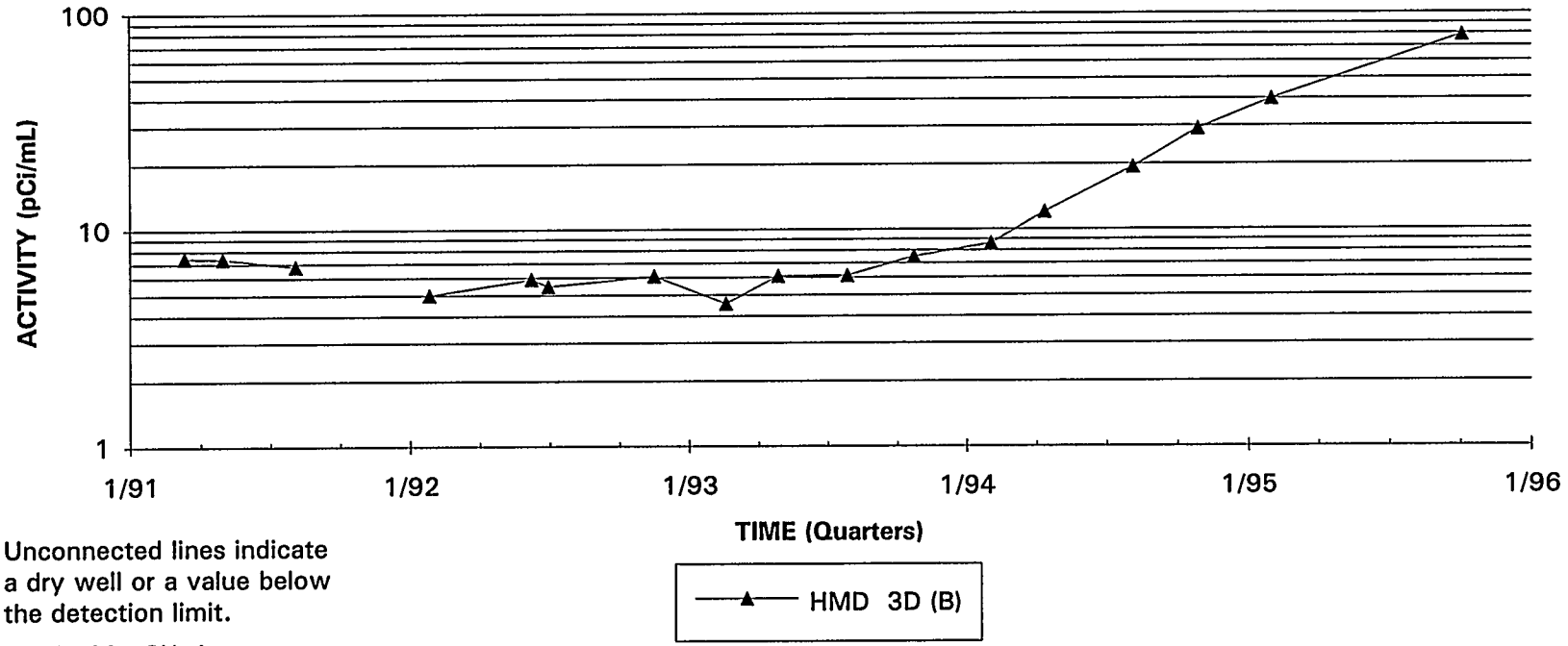


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well HMD 3D

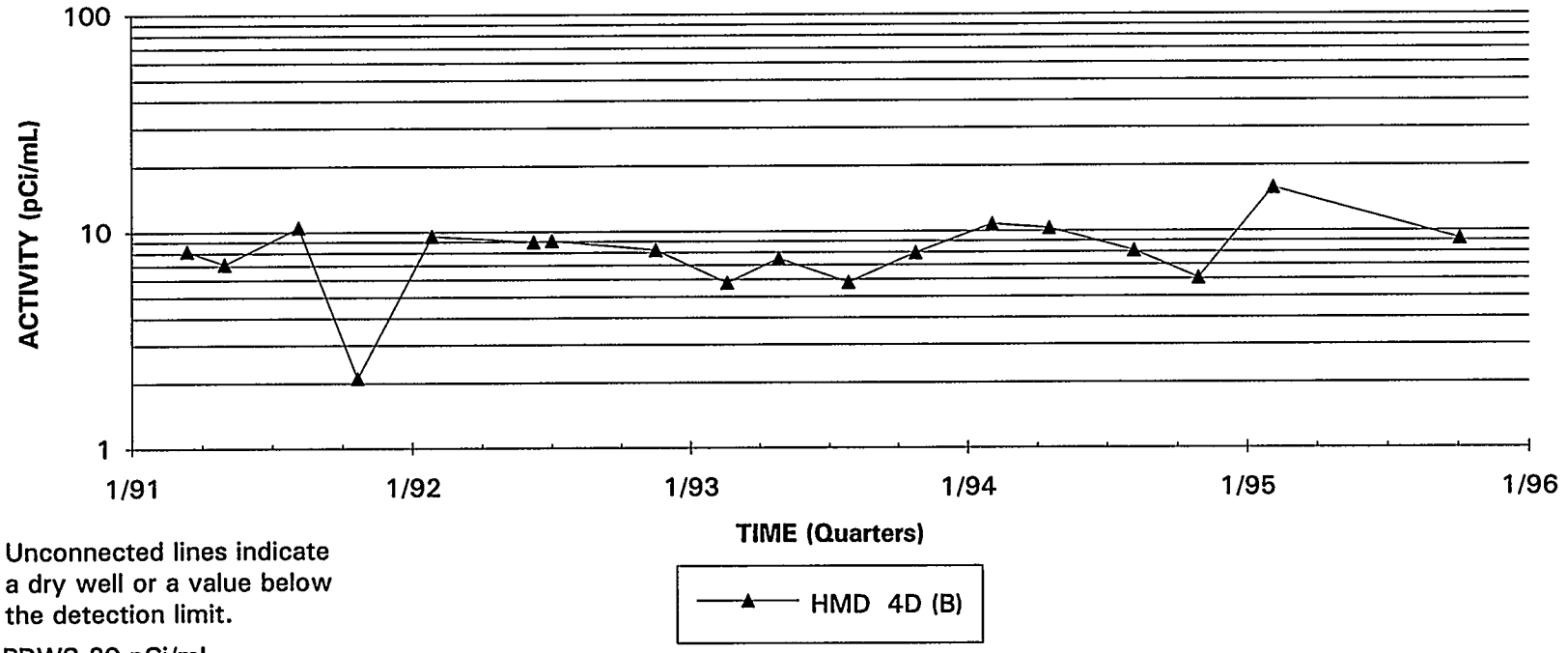


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well HMD 4D

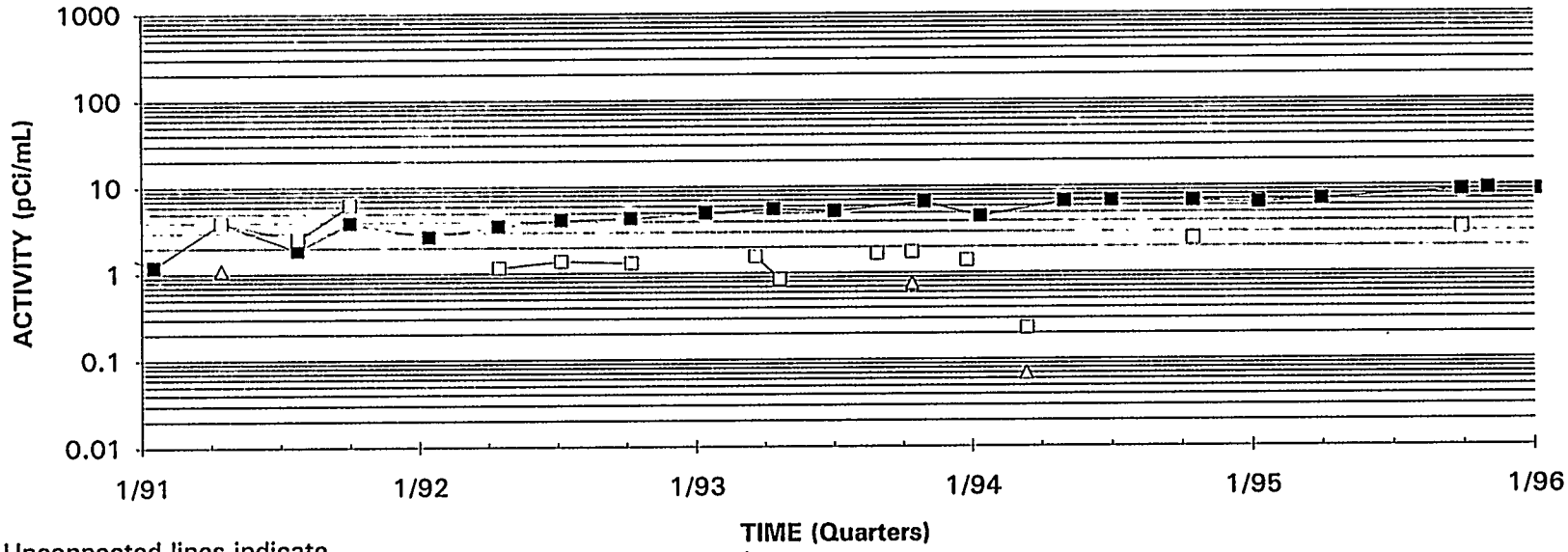


Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Tritium Activities
Well Cluster HSB 85



Unconnected lines indicate a dry well or a value below the detection limit.

PDWS 20 pCi/mL

Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

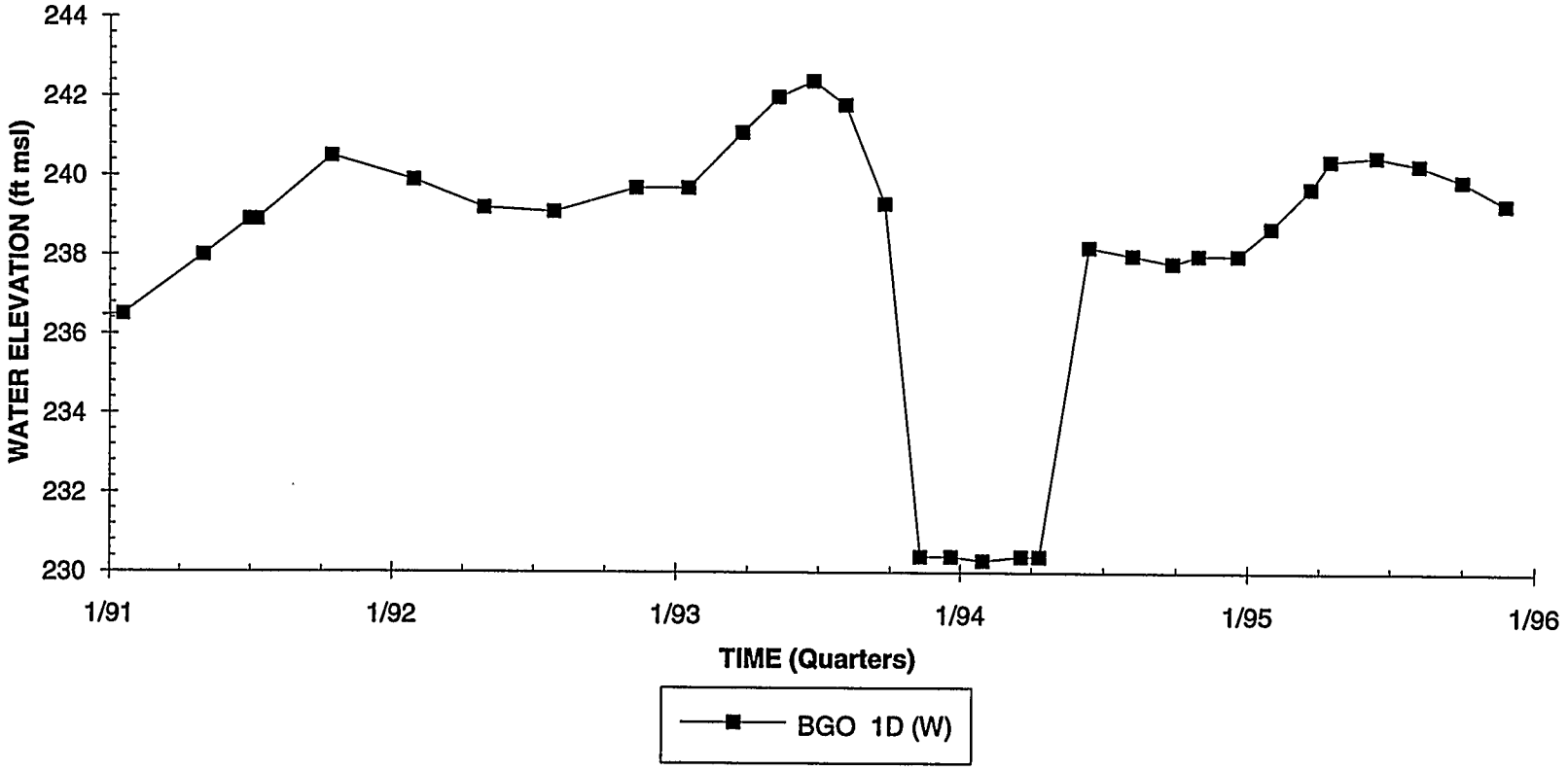
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Appendix G

Hydrographs

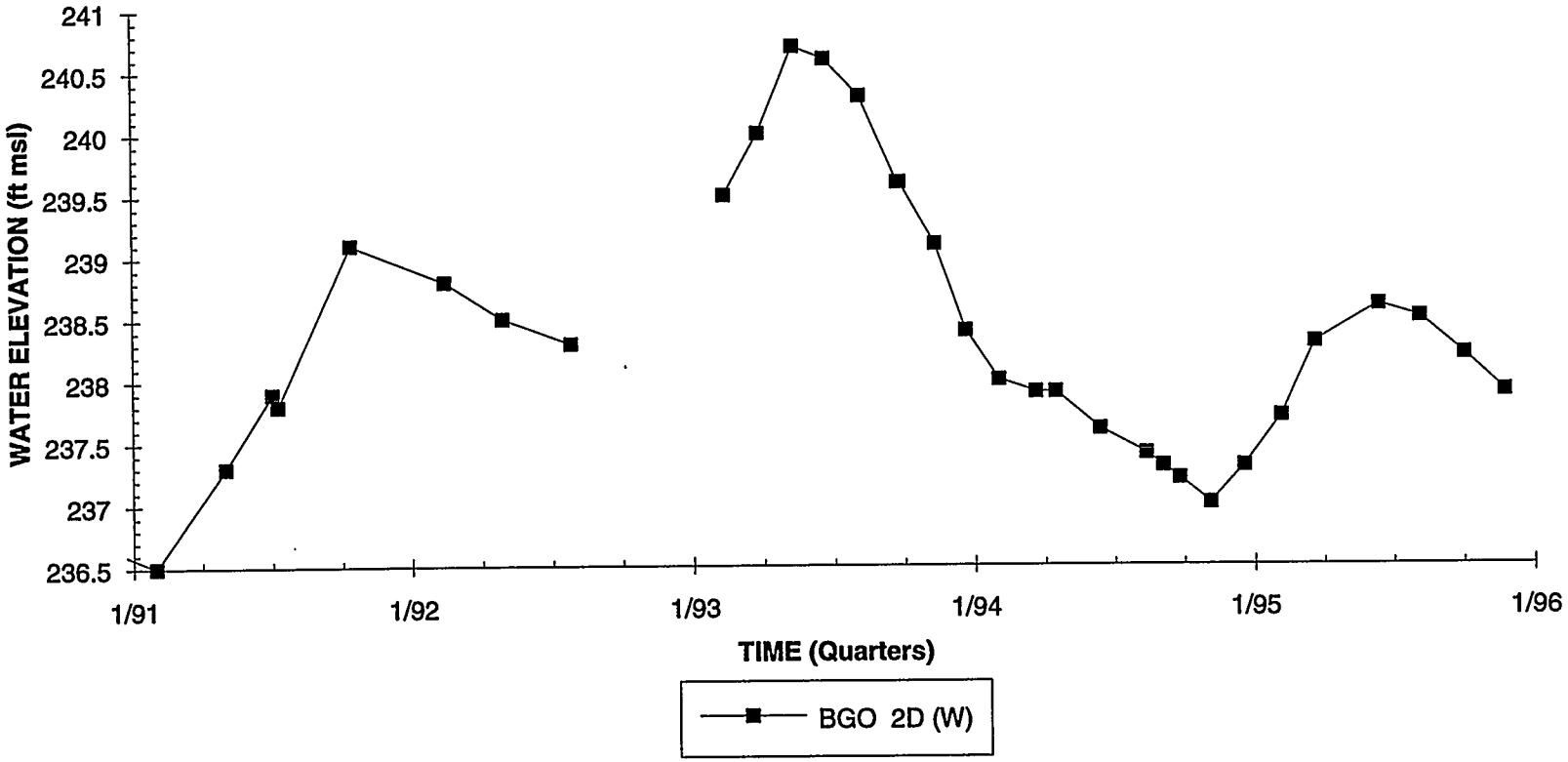
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Hydrograph
Well BGO 1D



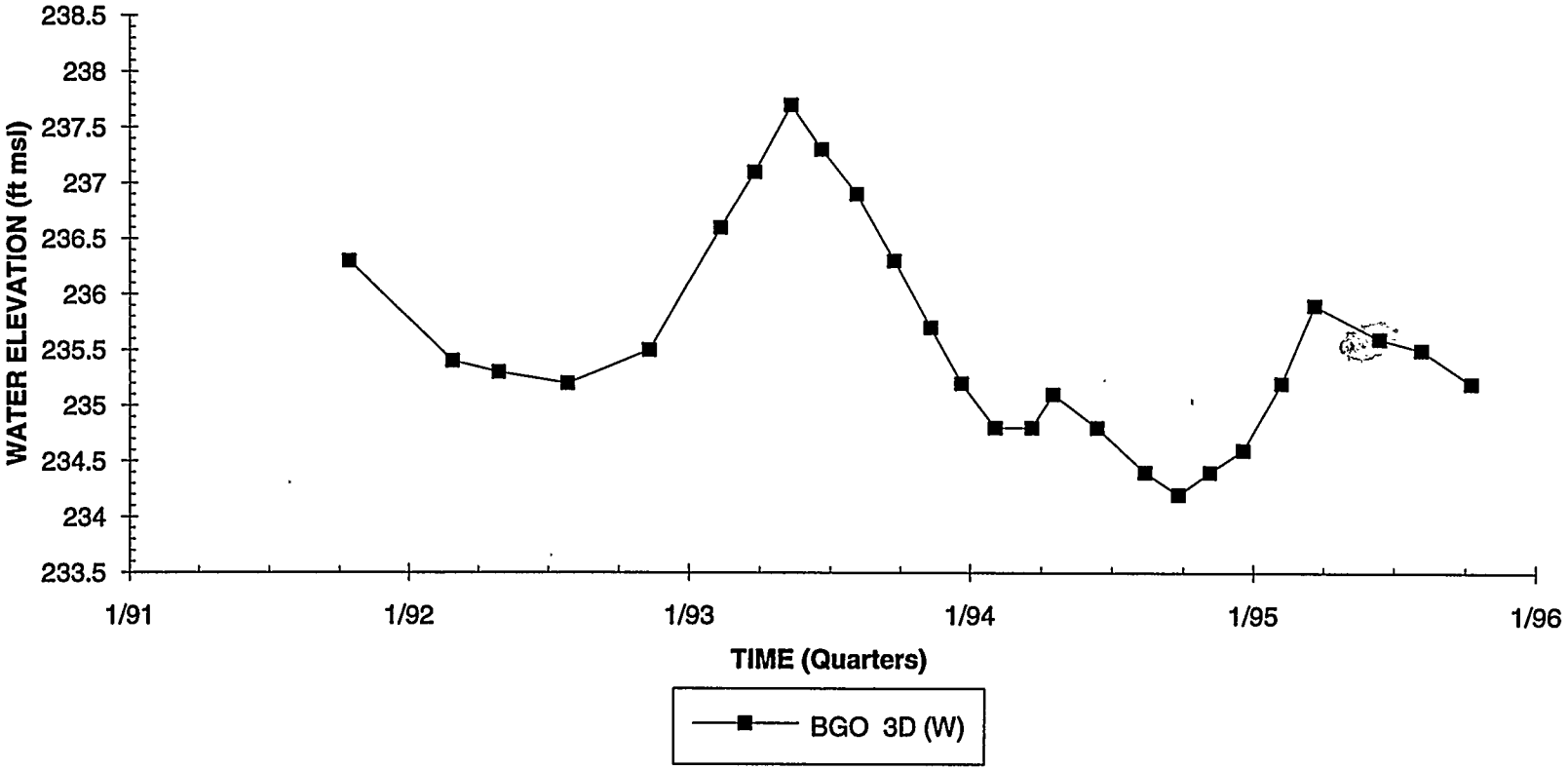
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well BGO 2D



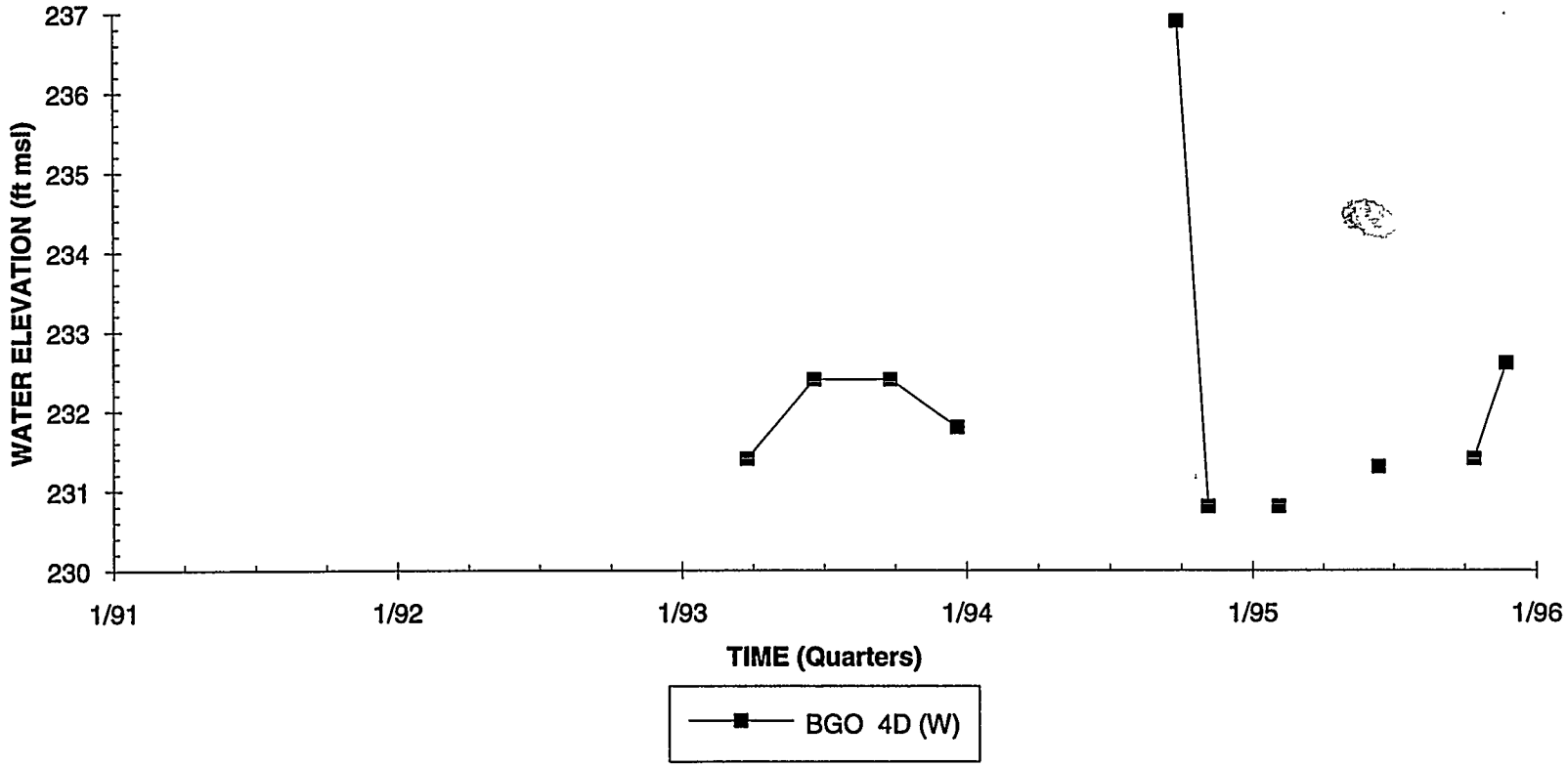
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well BGO 3D



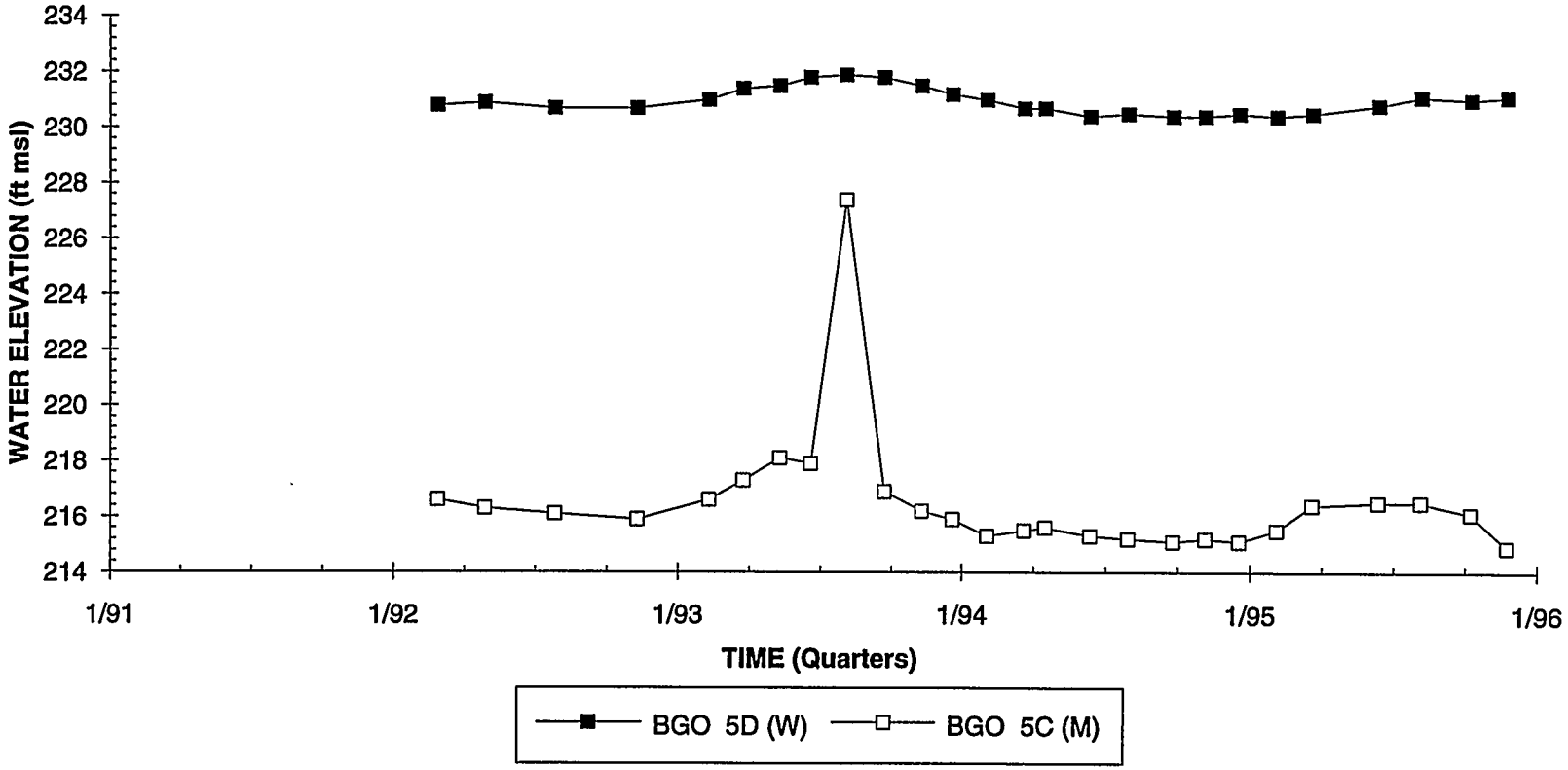
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well BGO 4D



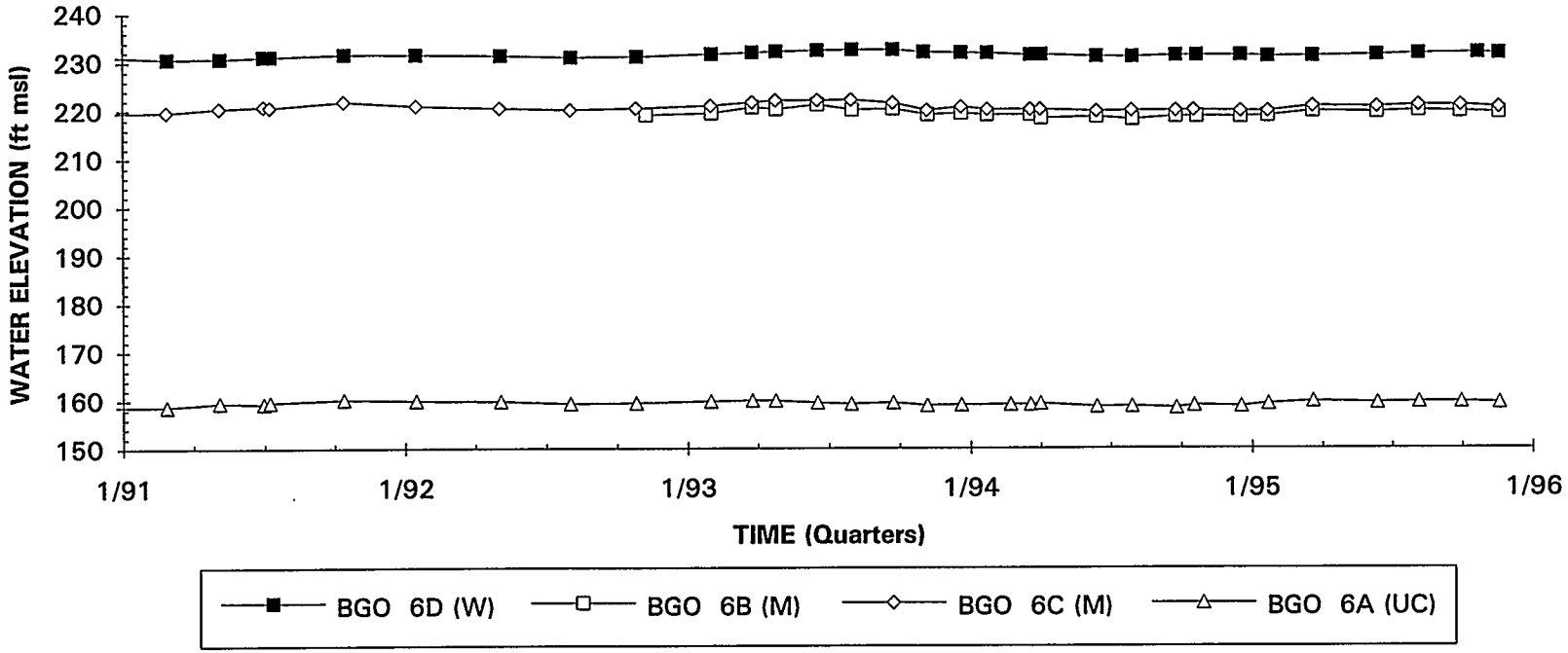
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well Cluster BGO 5

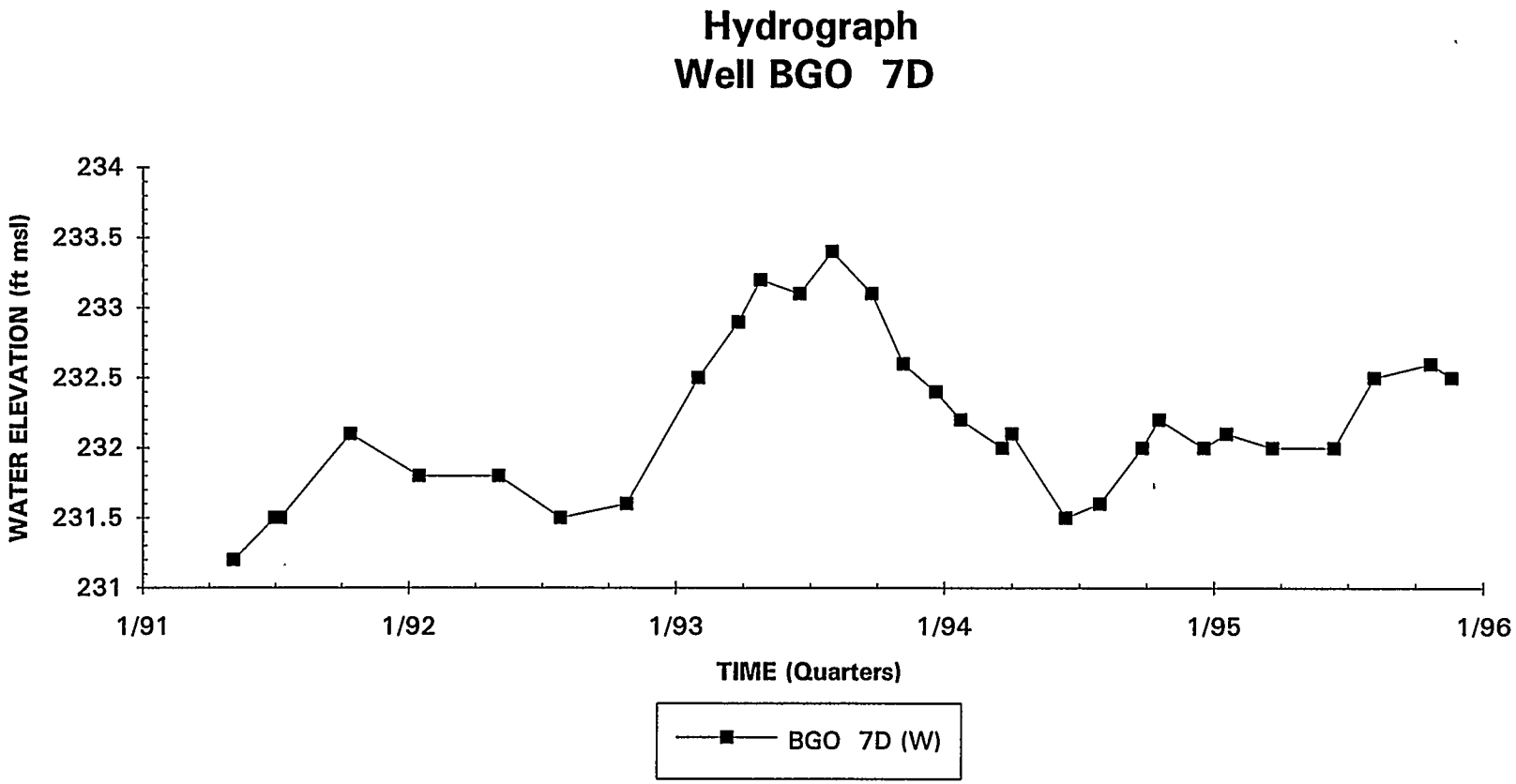


Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

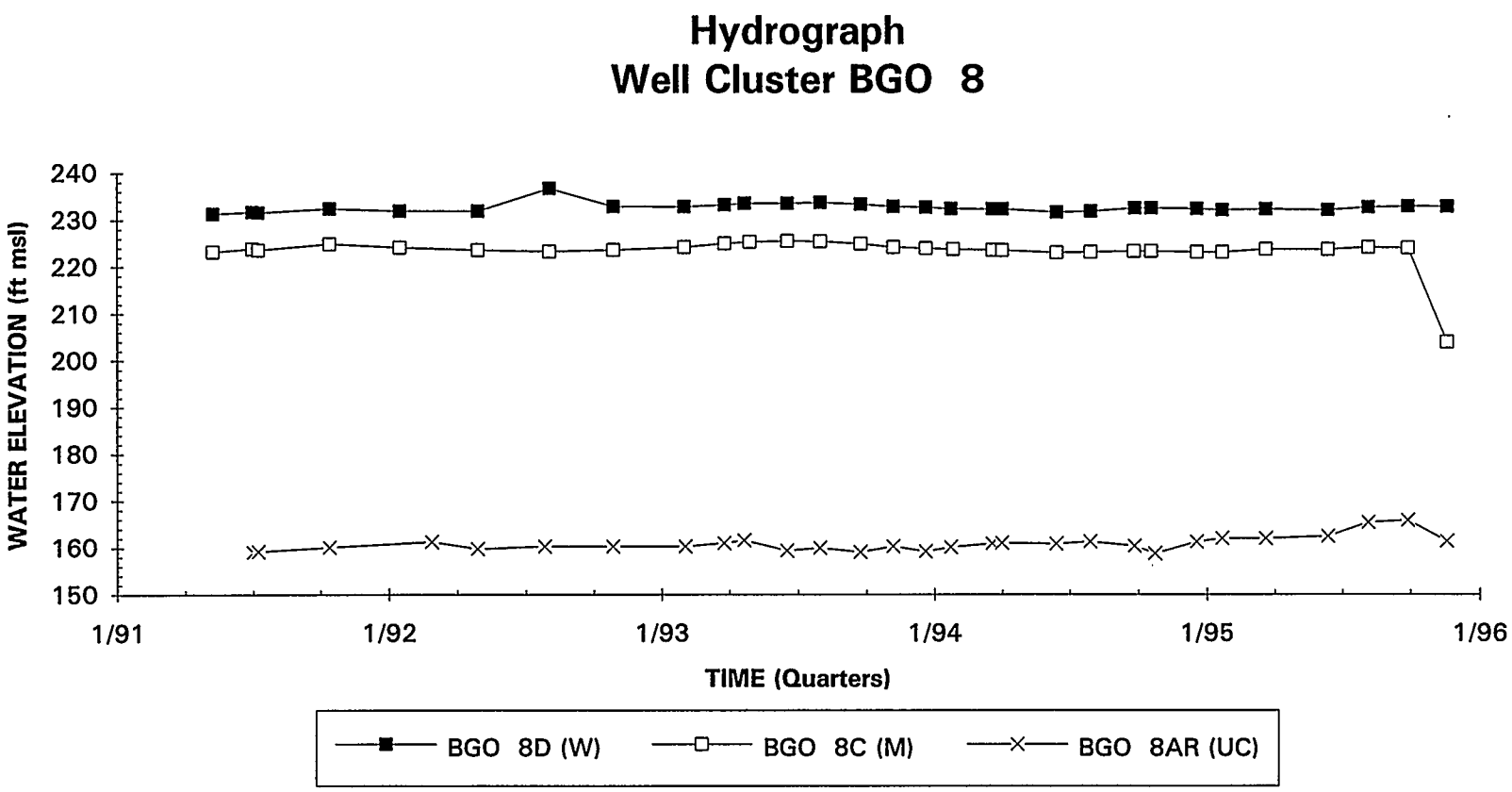
Hydrograph
Well Cluster BGO 6



Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

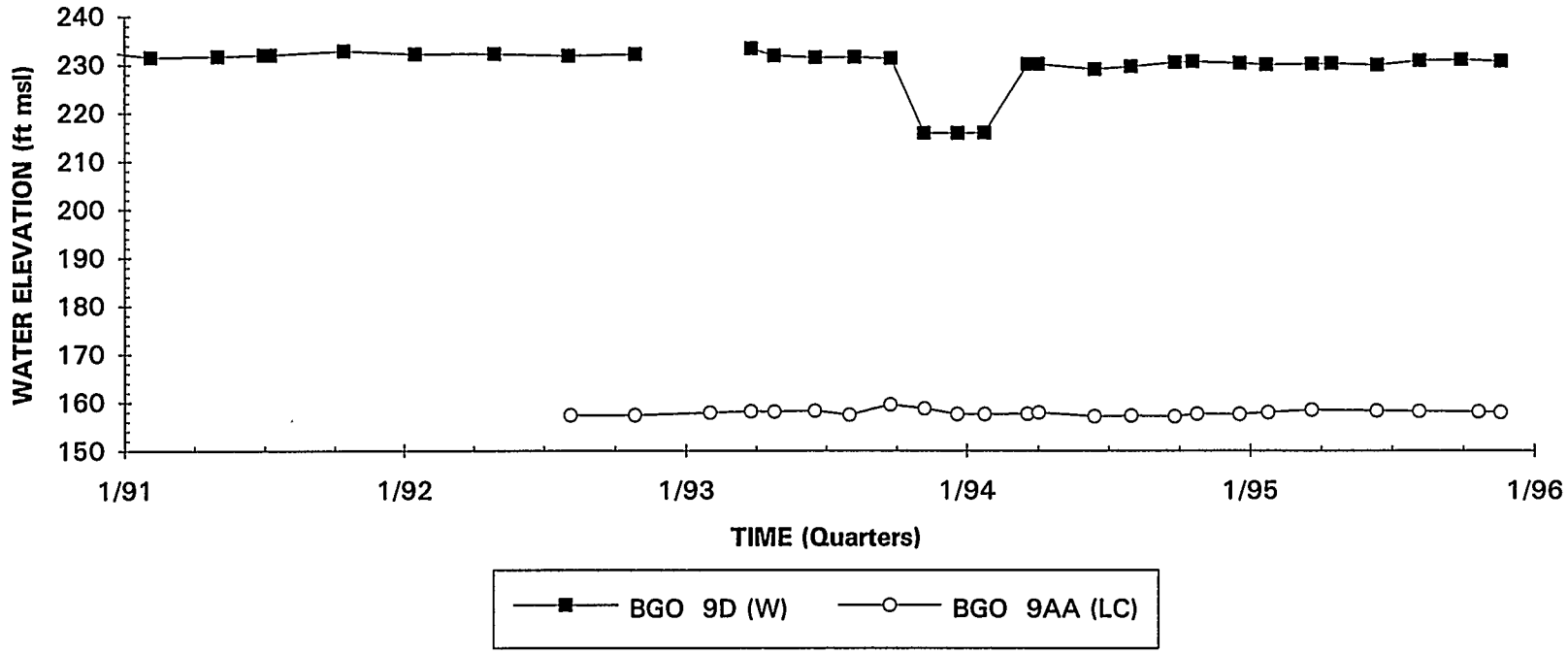


Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)



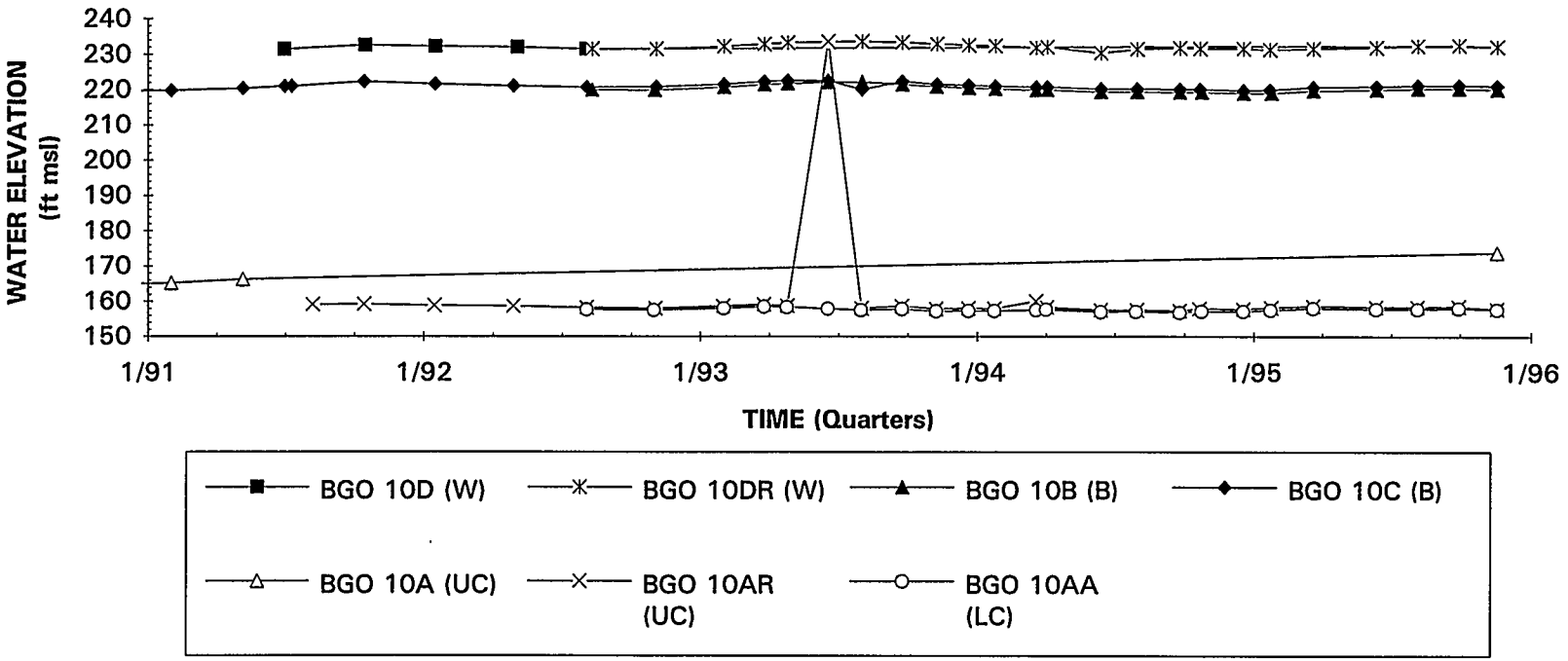
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well Cluster BGO 9



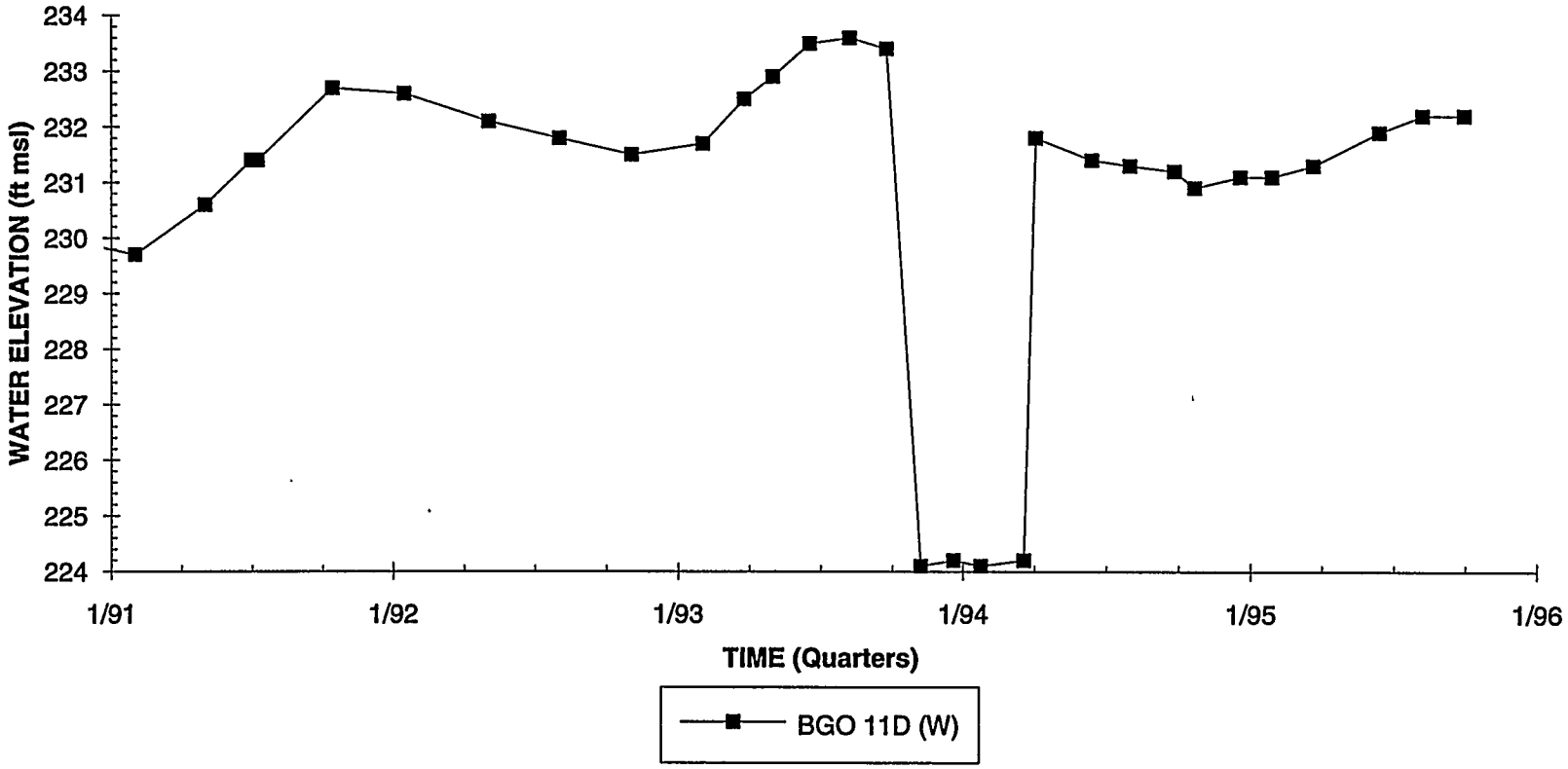
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well Cluster BGO 10



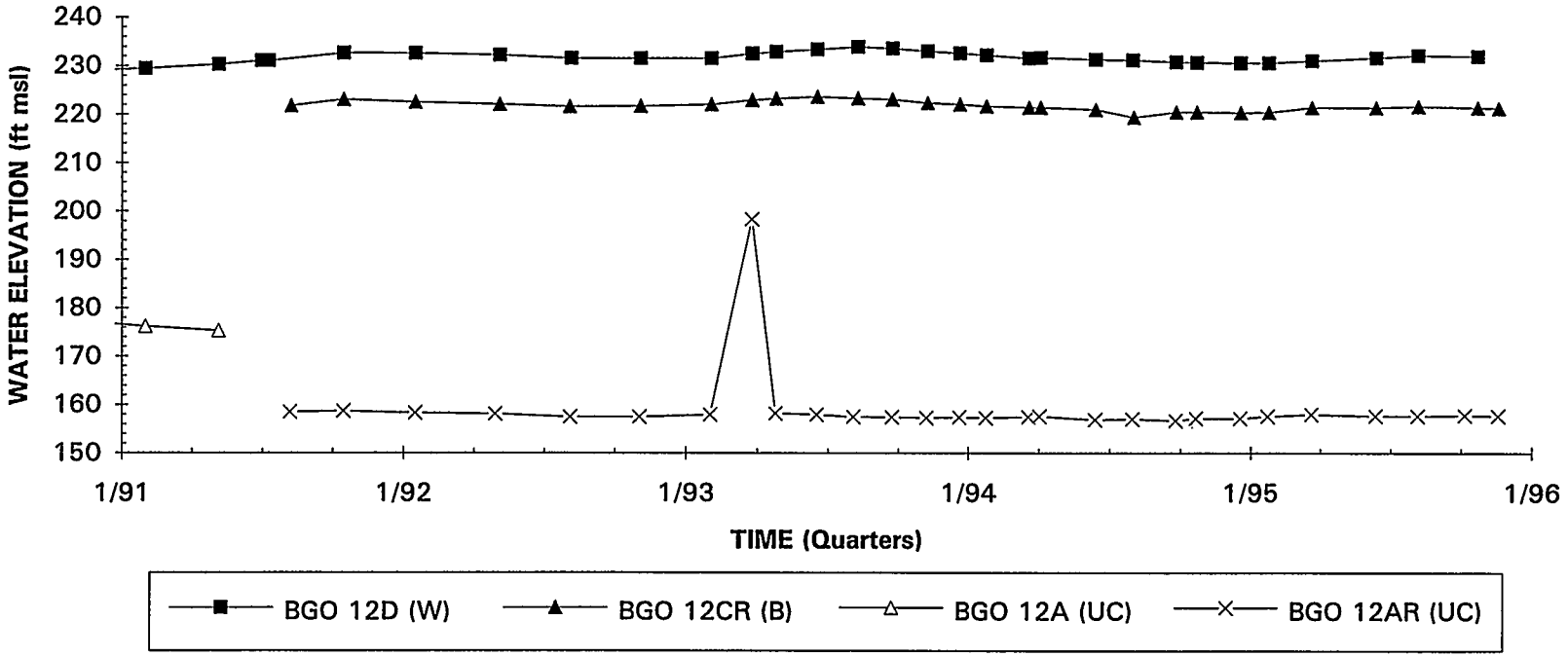
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well BGO 11D



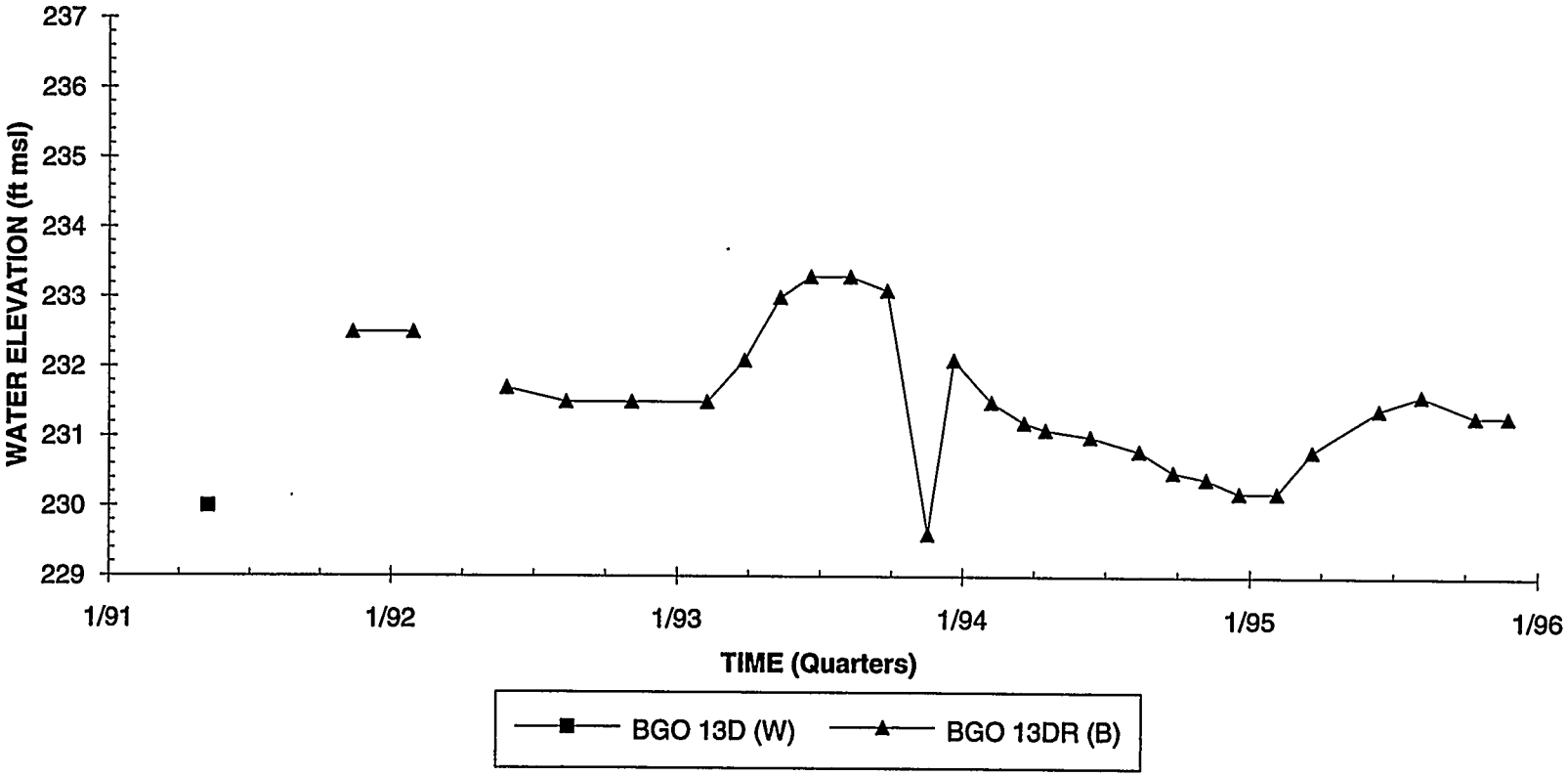
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well Cluster BGO 12



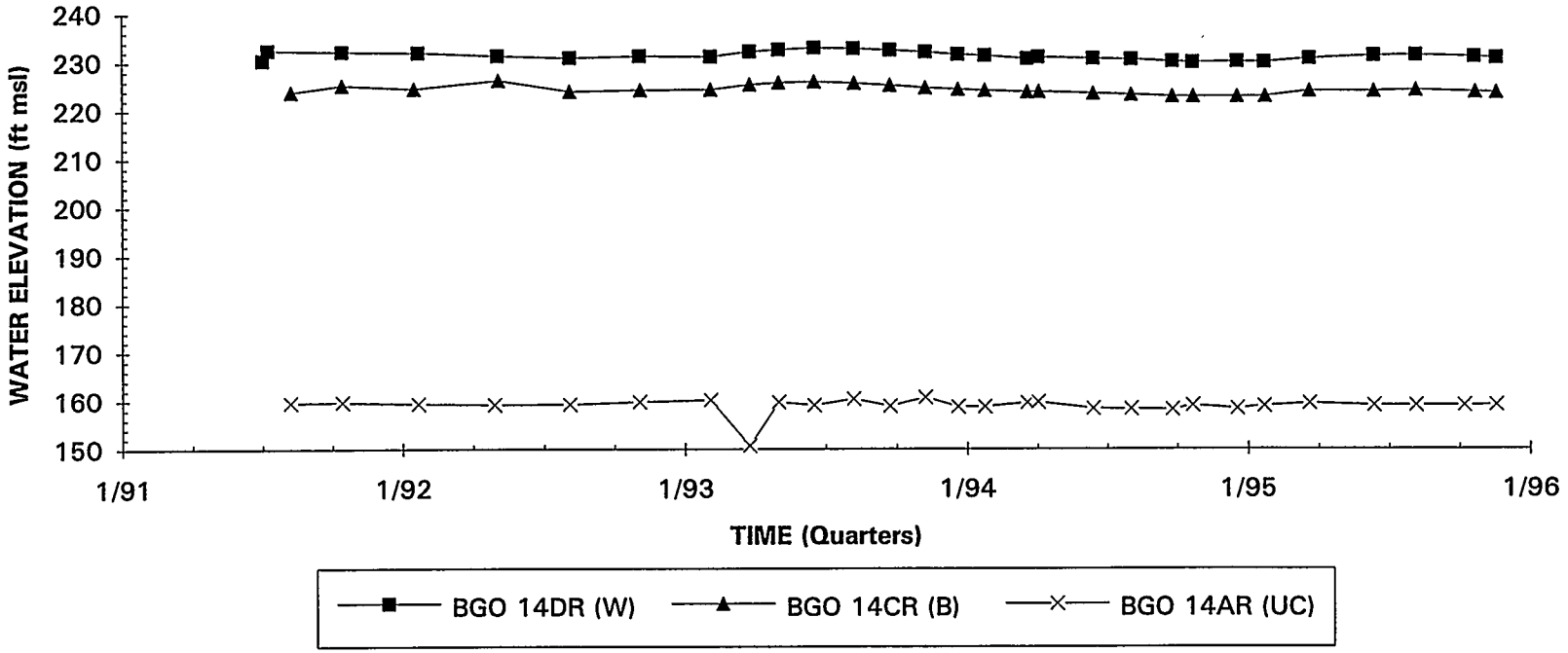
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well Cluster BGO 13



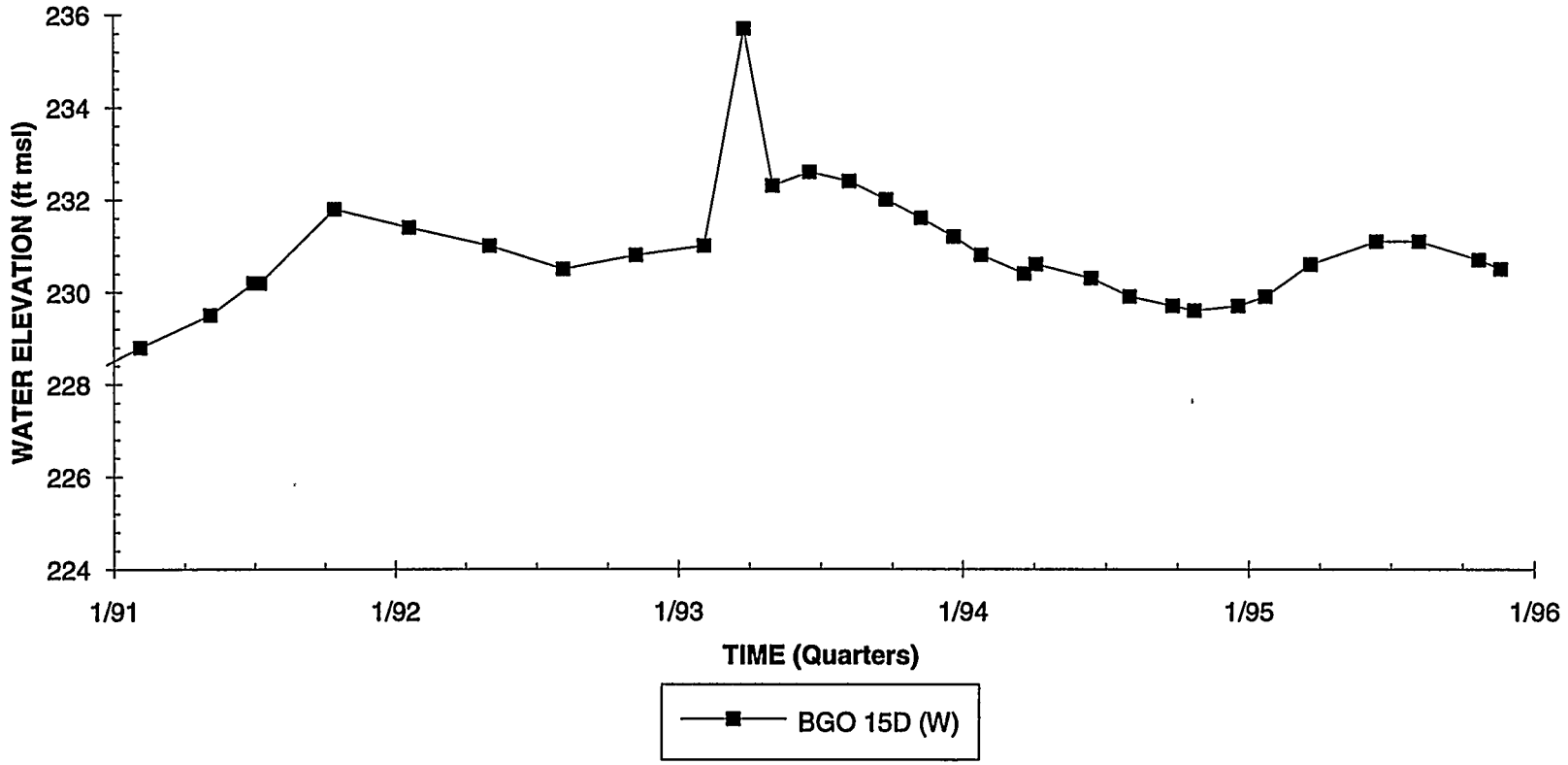
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well Cluster BGO 14



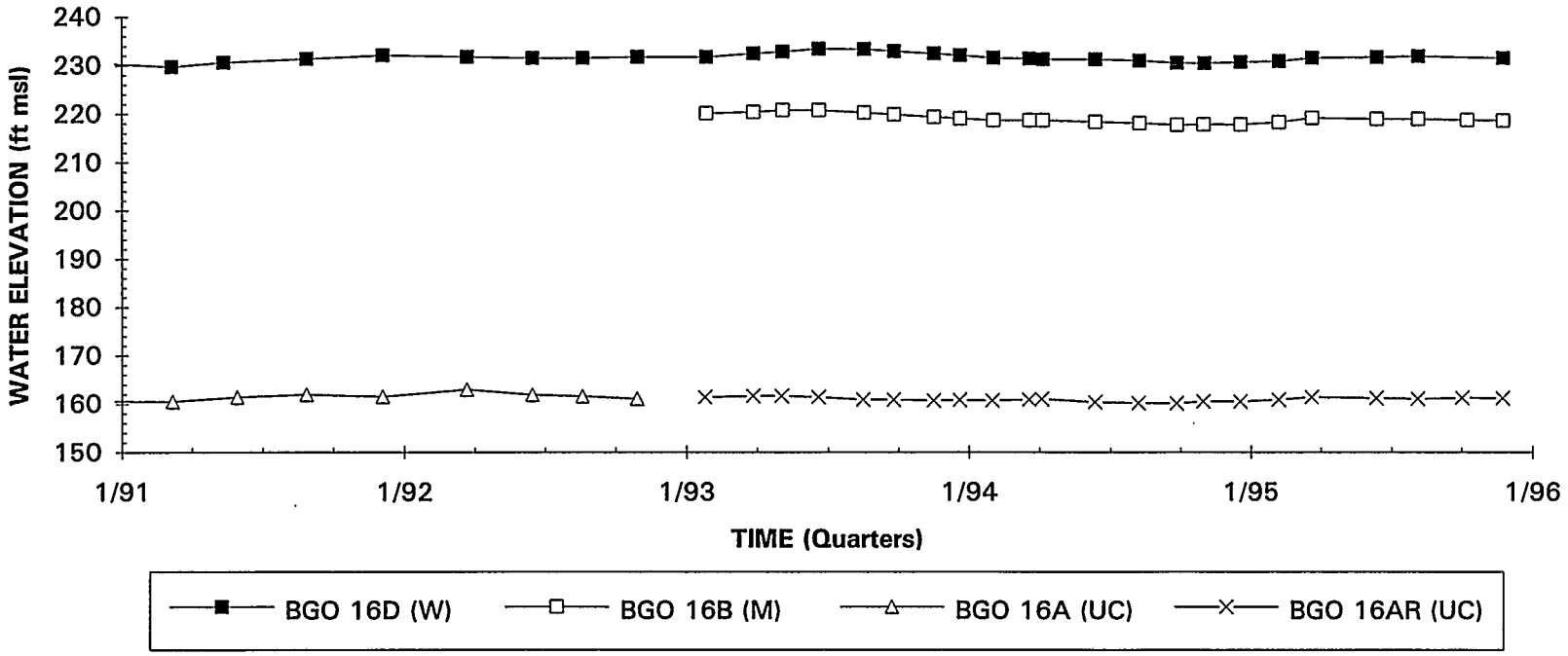
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well BGO 15D



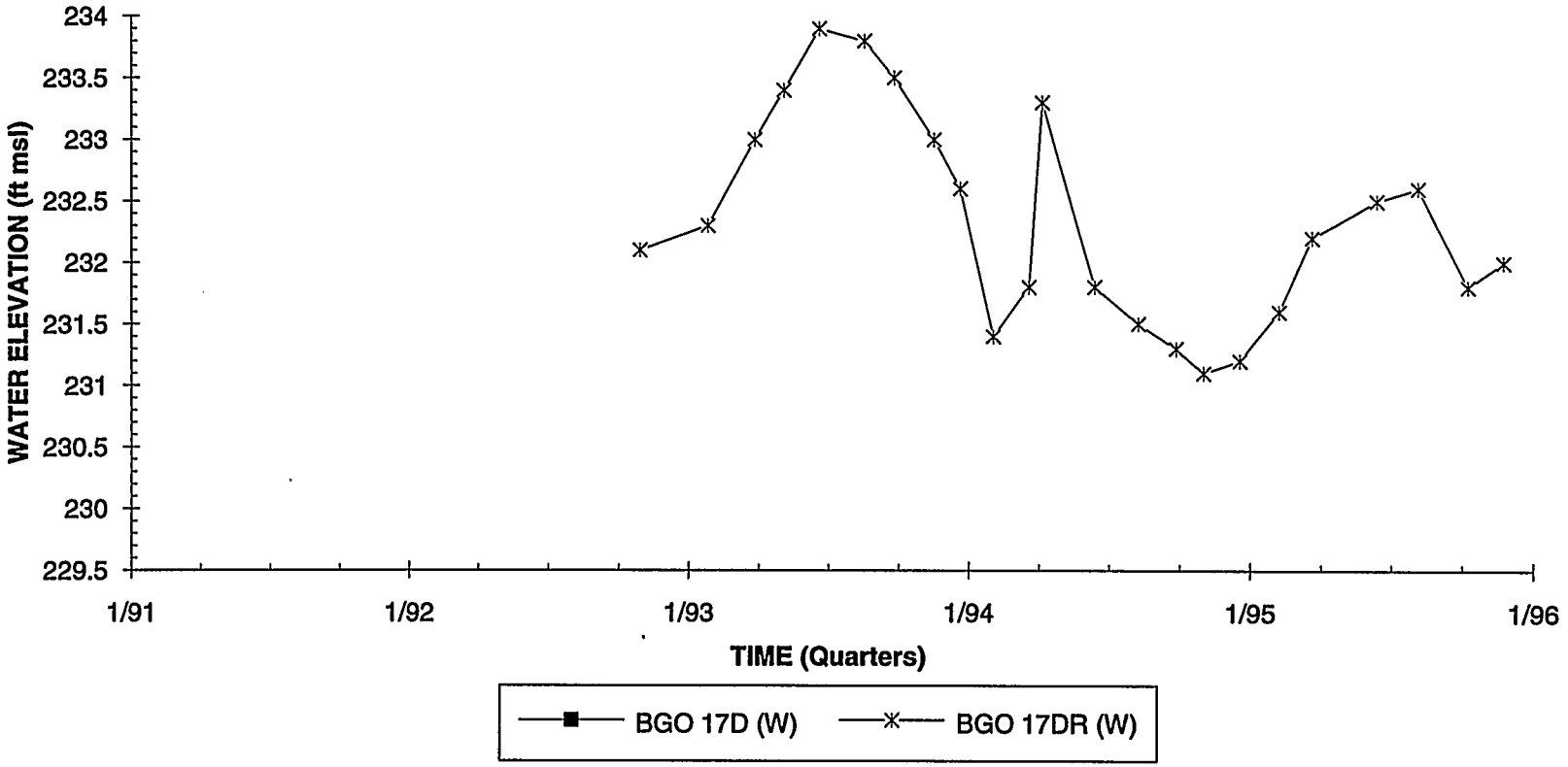
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well Cluster BGO 16



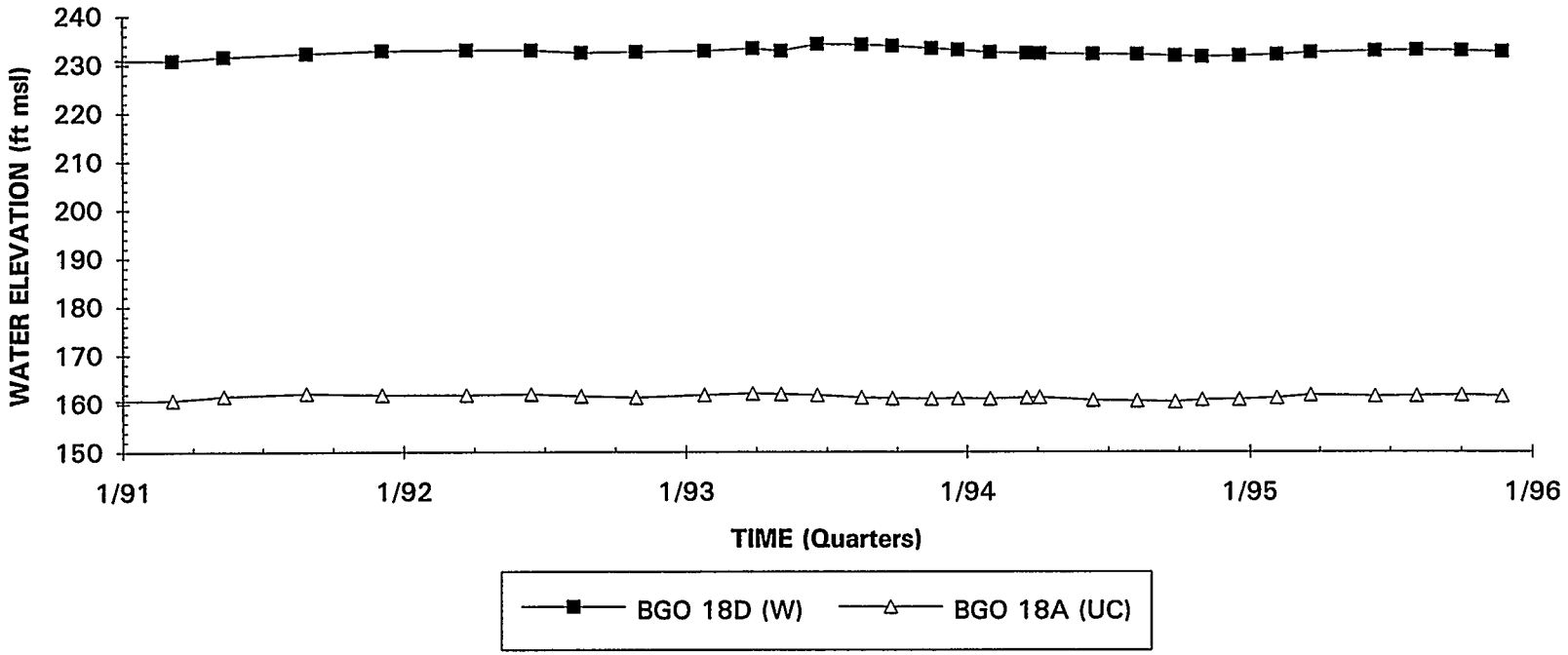
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well Cluster BGO 17



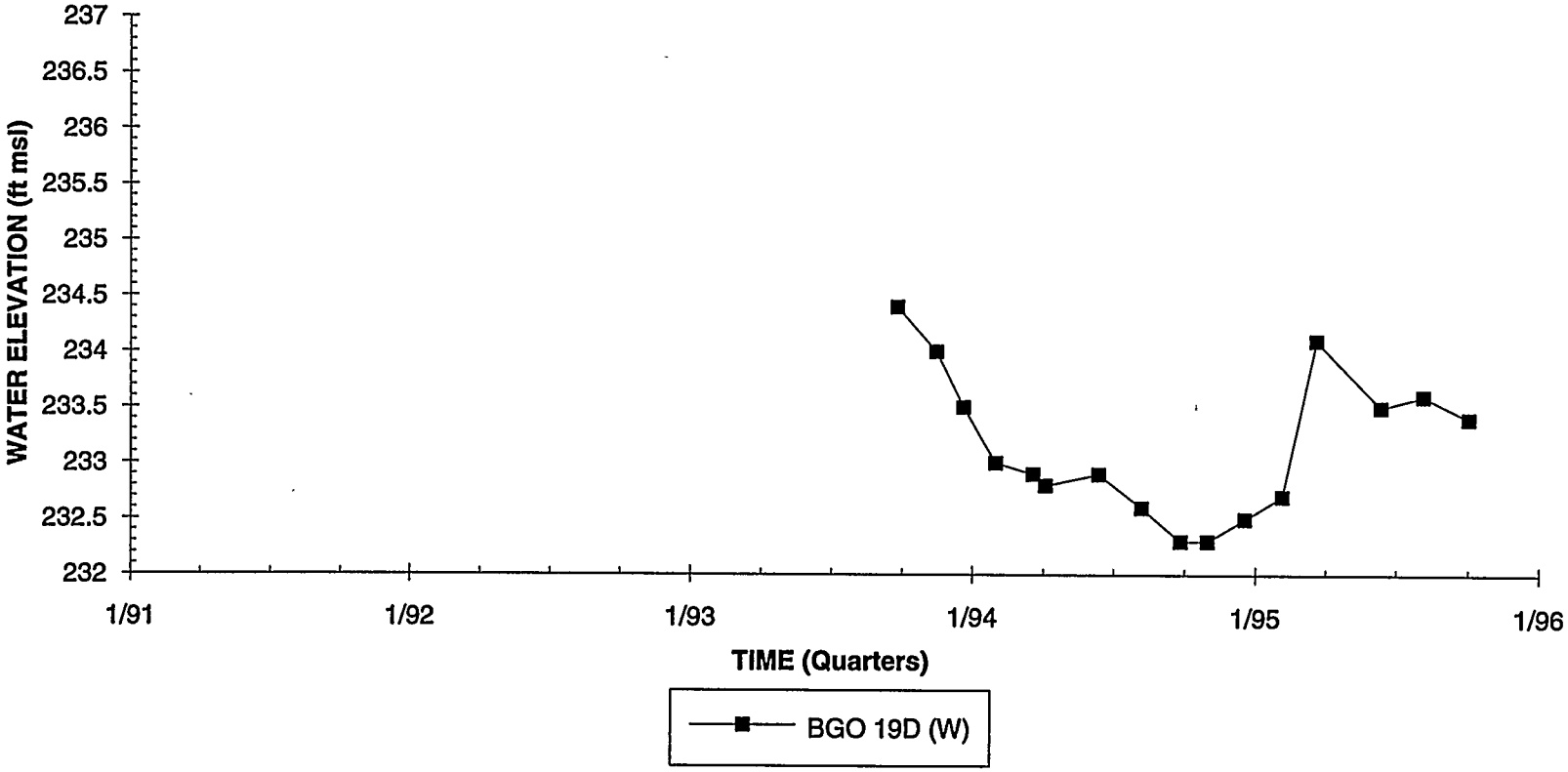
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well Cluster BGO 18



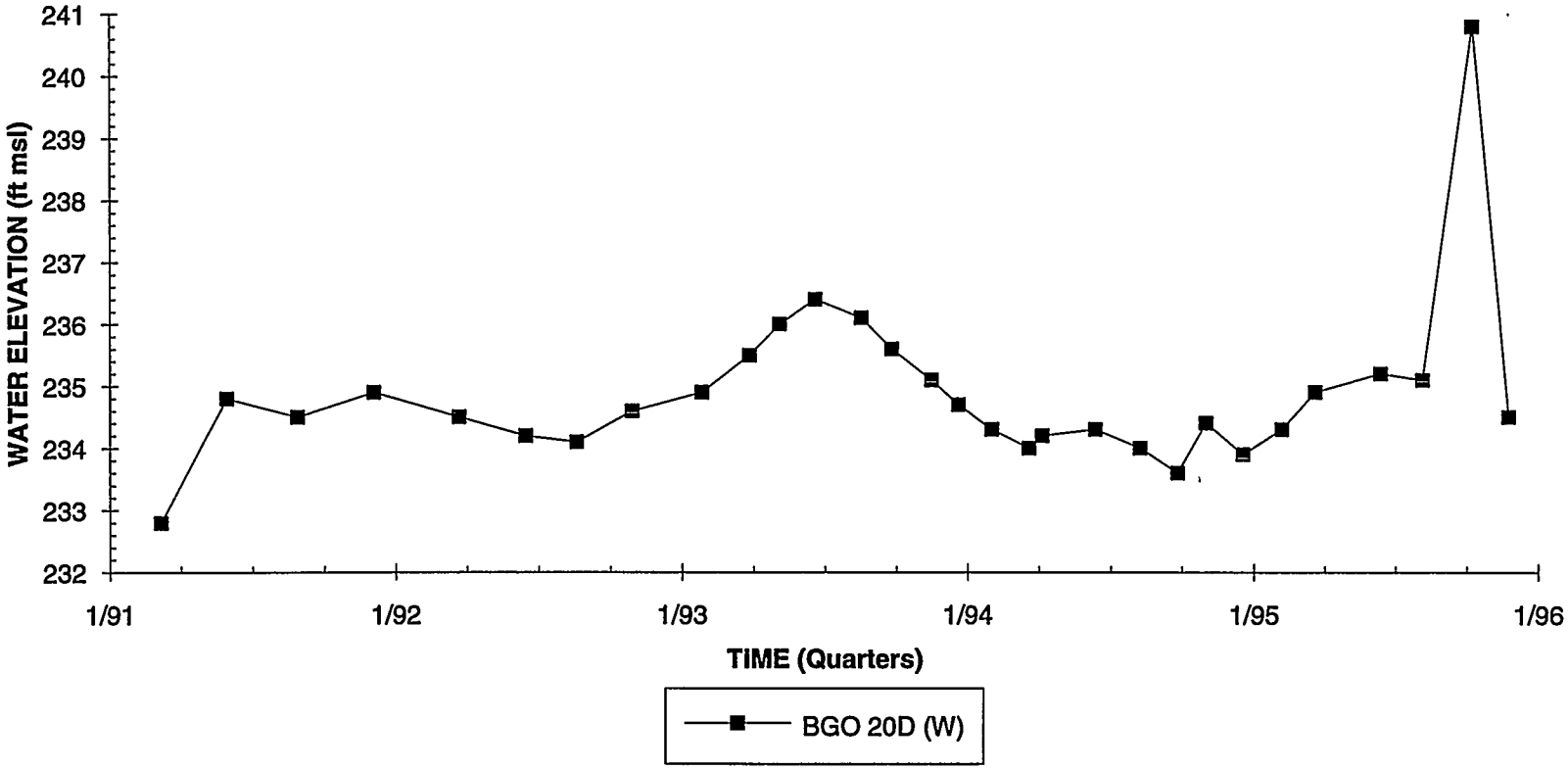
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well BGO 19D



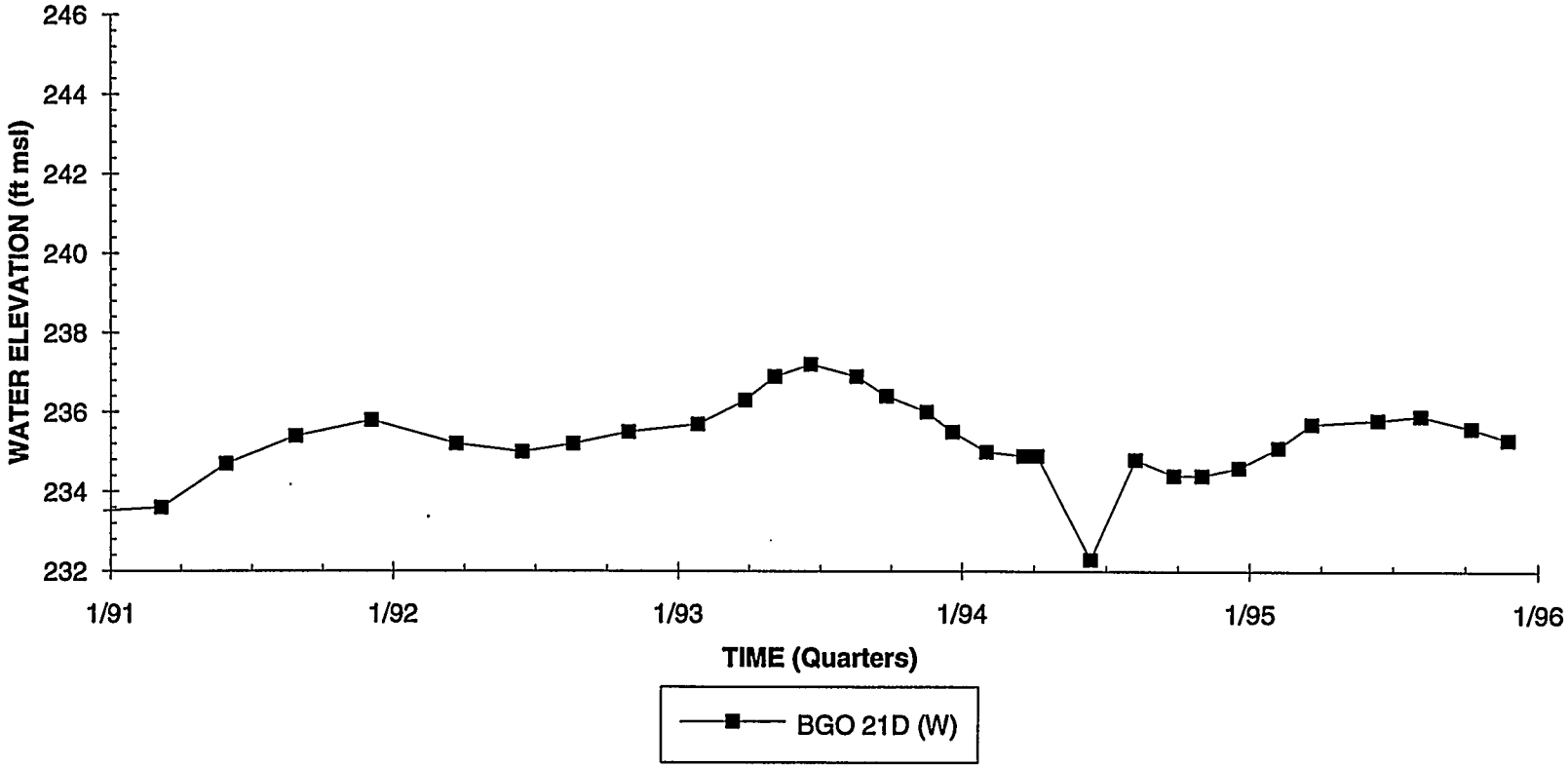
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well BGO 20D



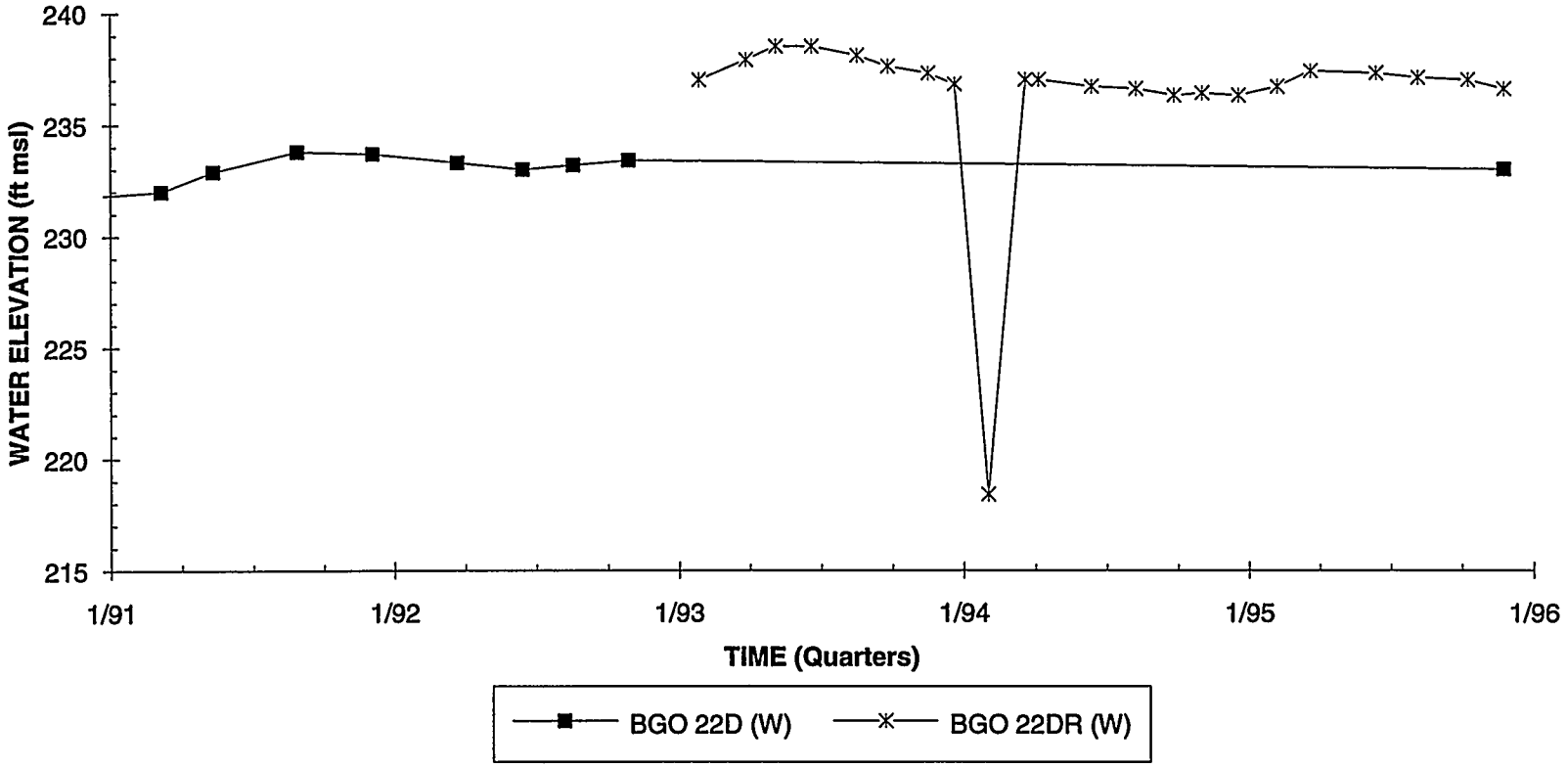
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well BGO 21D



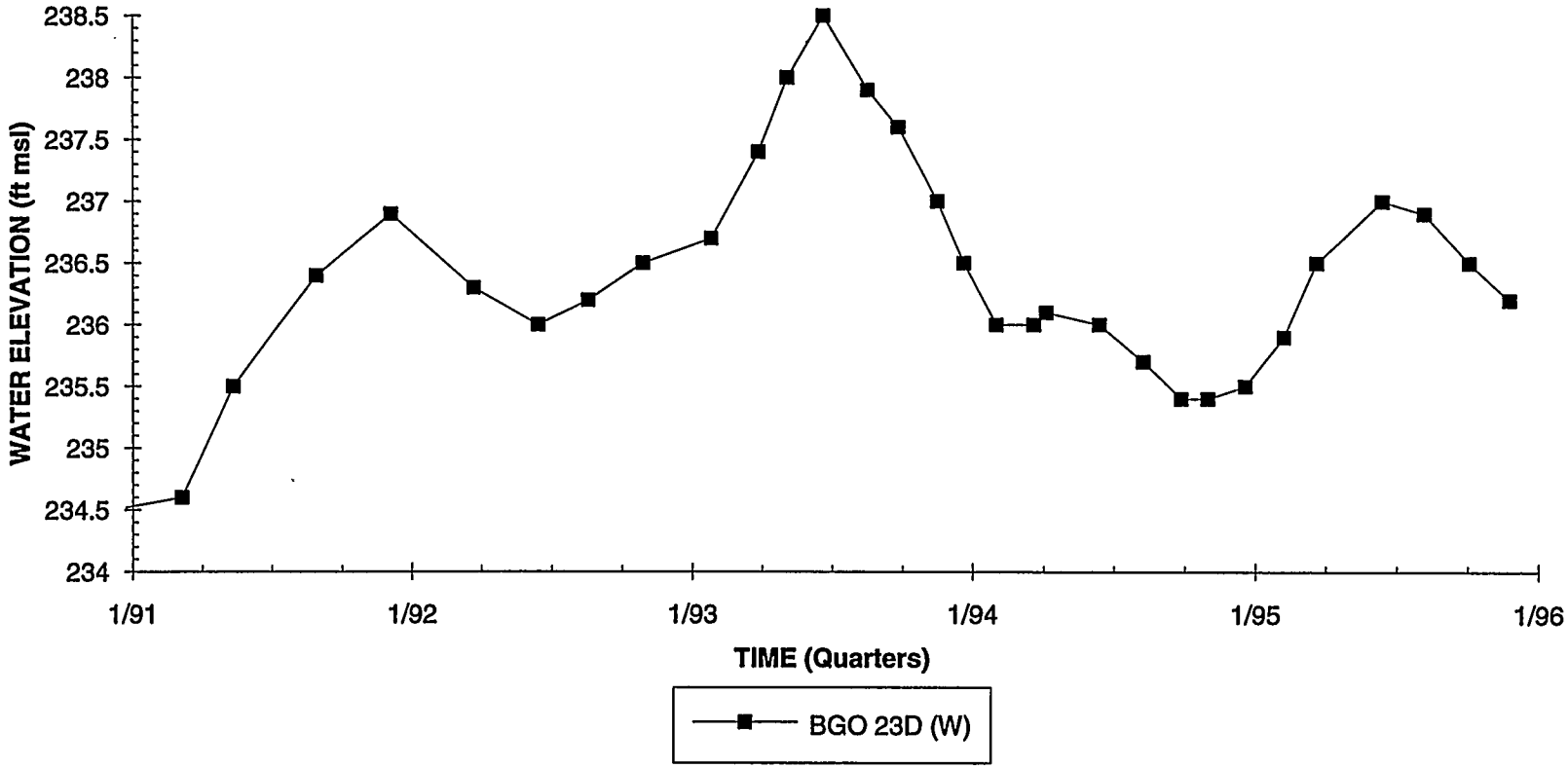
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well Cluster BGO 22



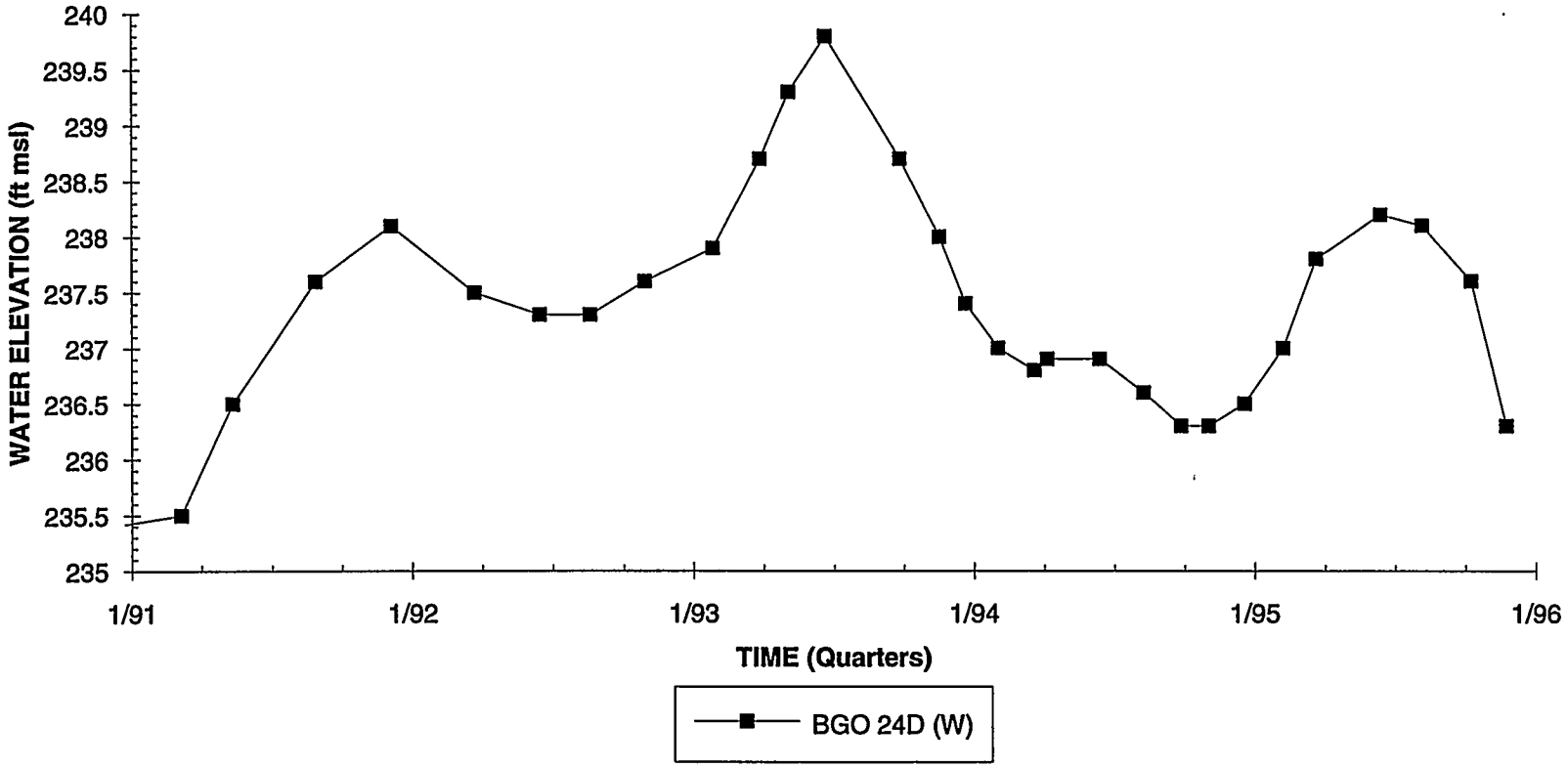
Note: W=Water Table (IIB2); B=Bamwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well BGO 23D



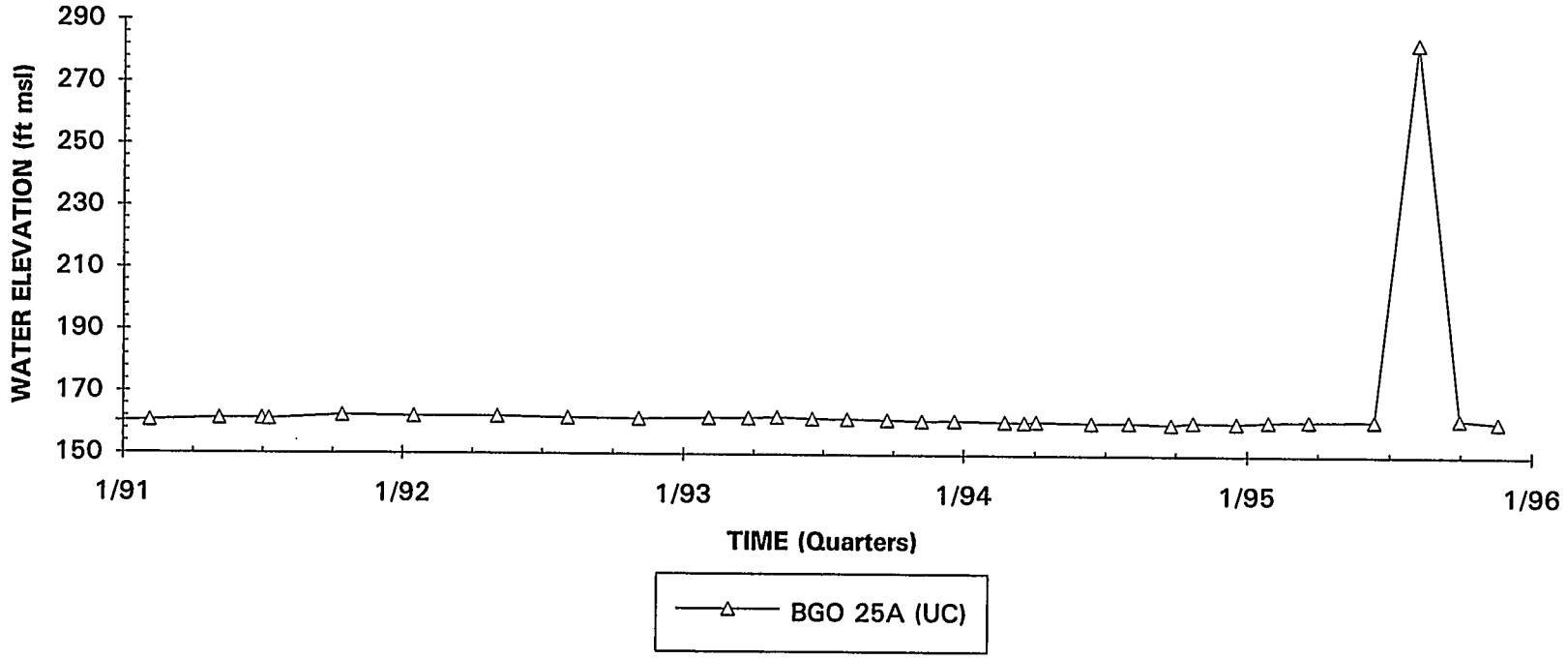
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well BGO 24D

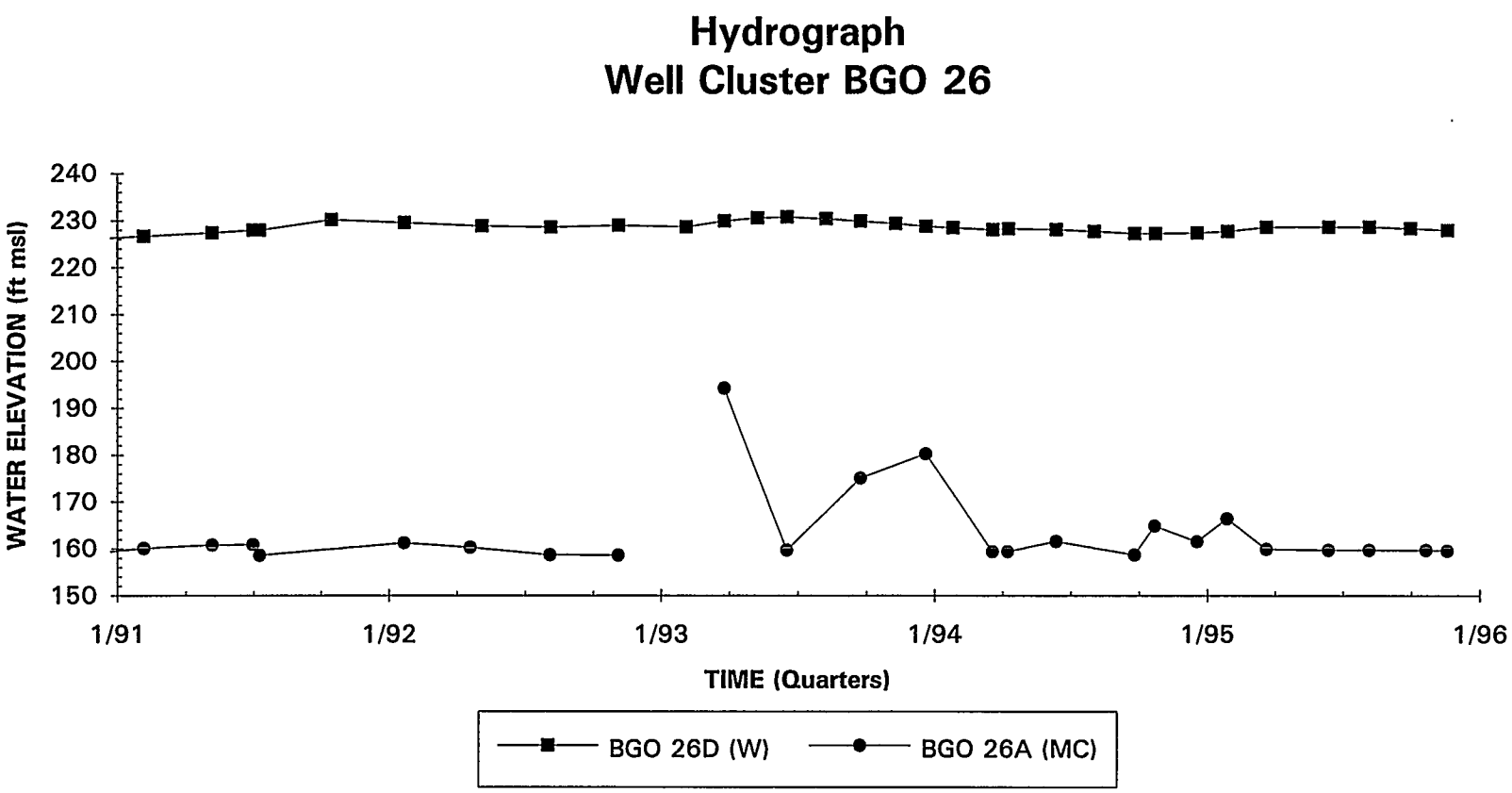


Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well BGO 25A

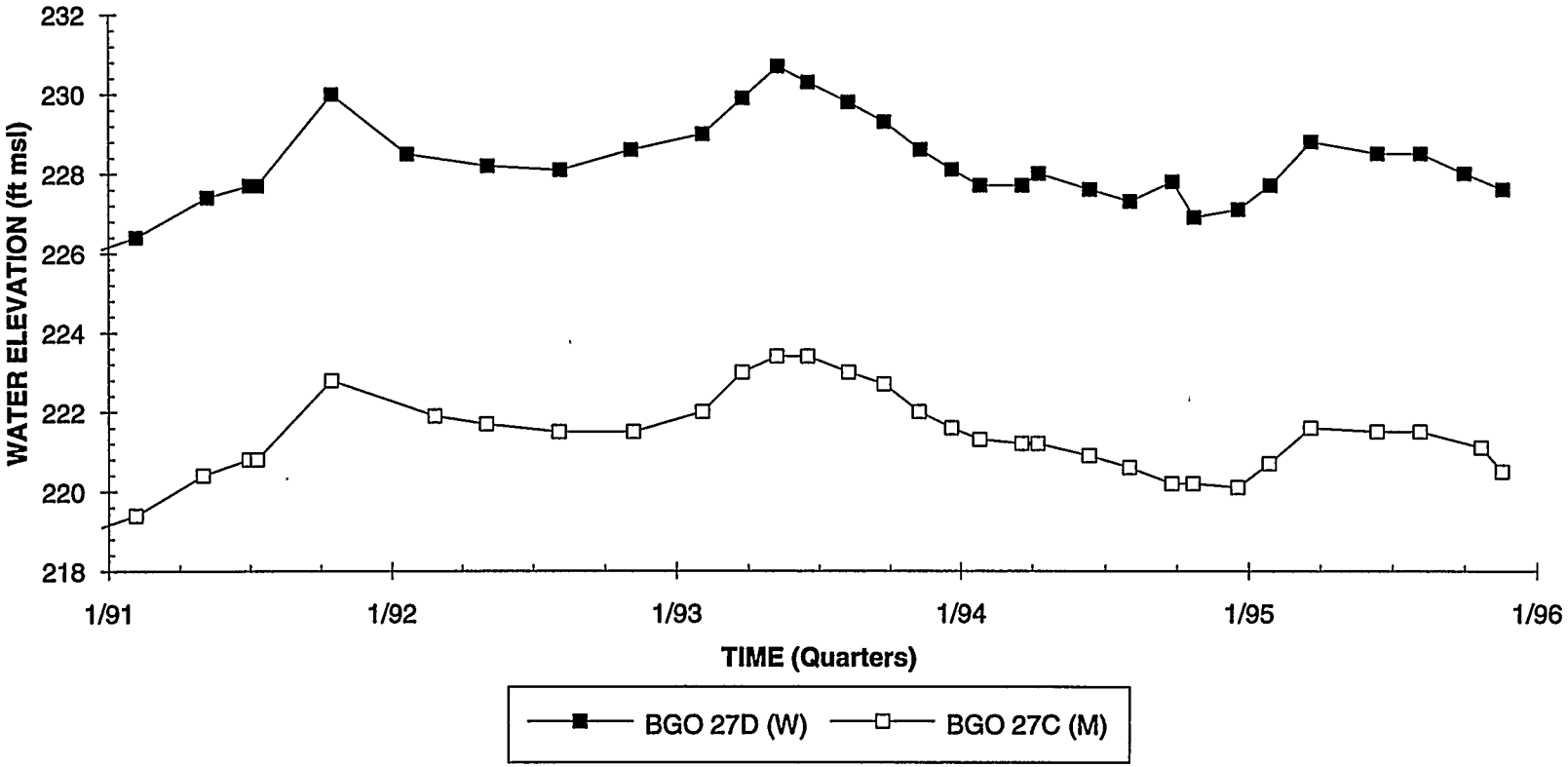


Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)



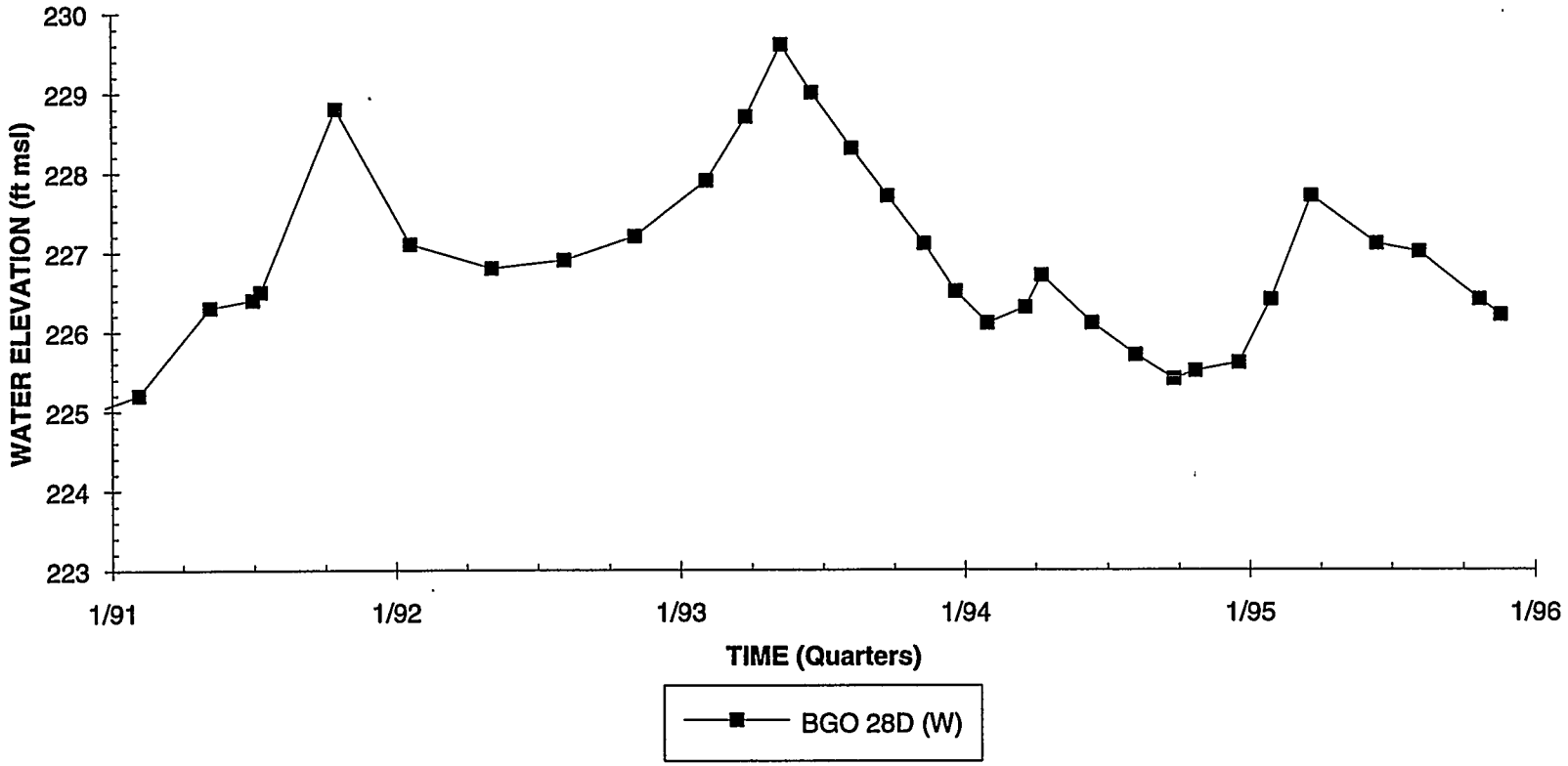
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well Cluster BGO 27



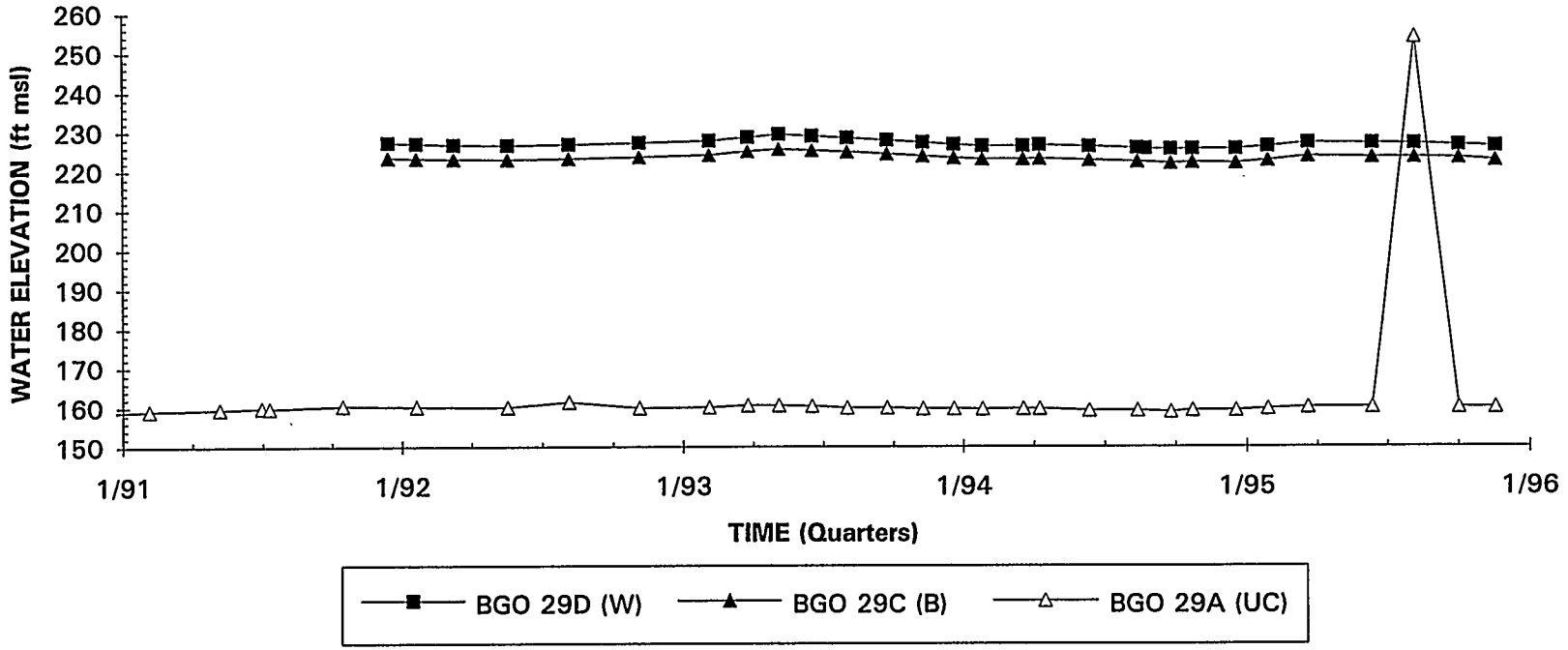
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well BGO 28D



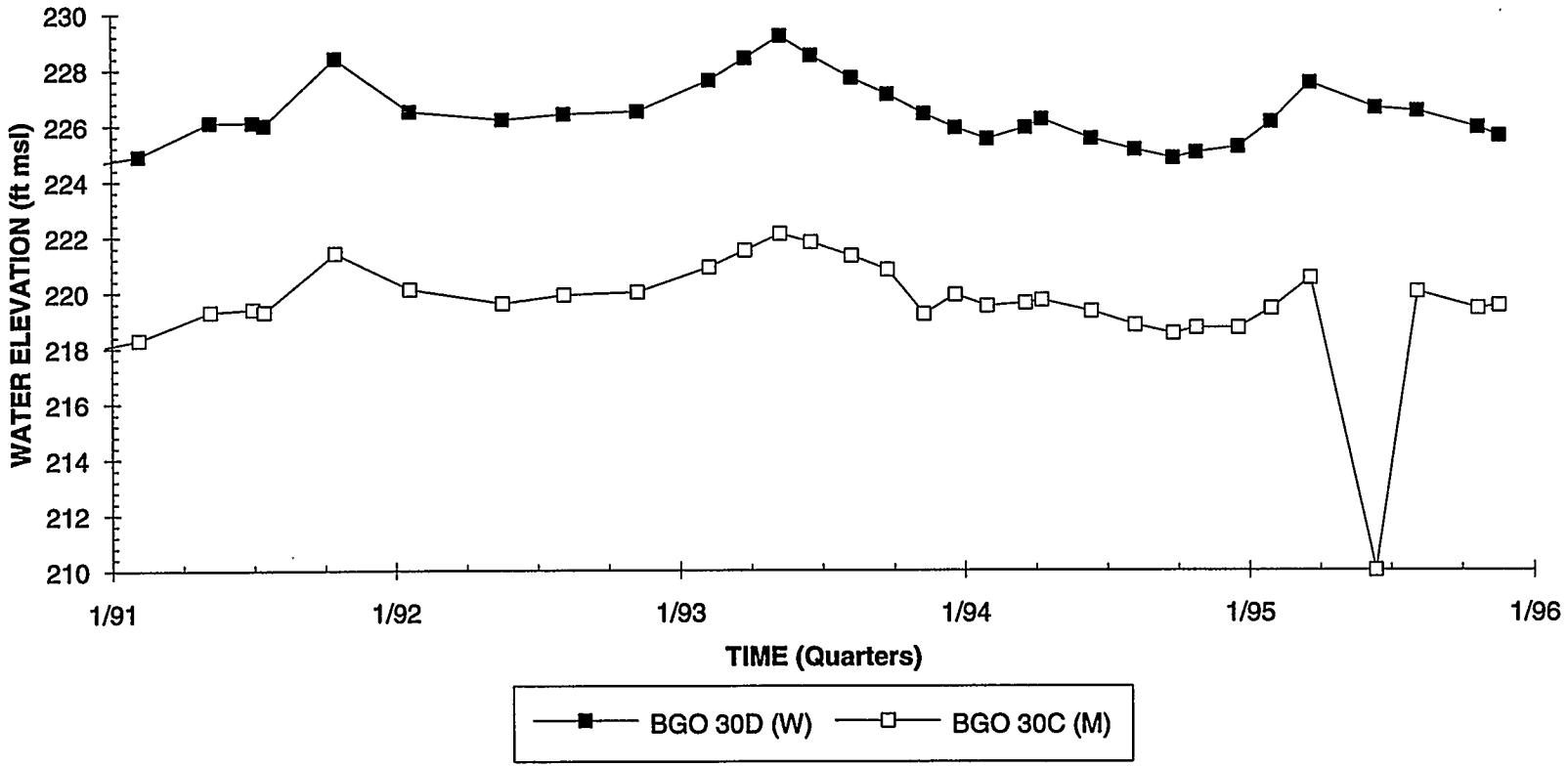
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well Cluster BGO 29



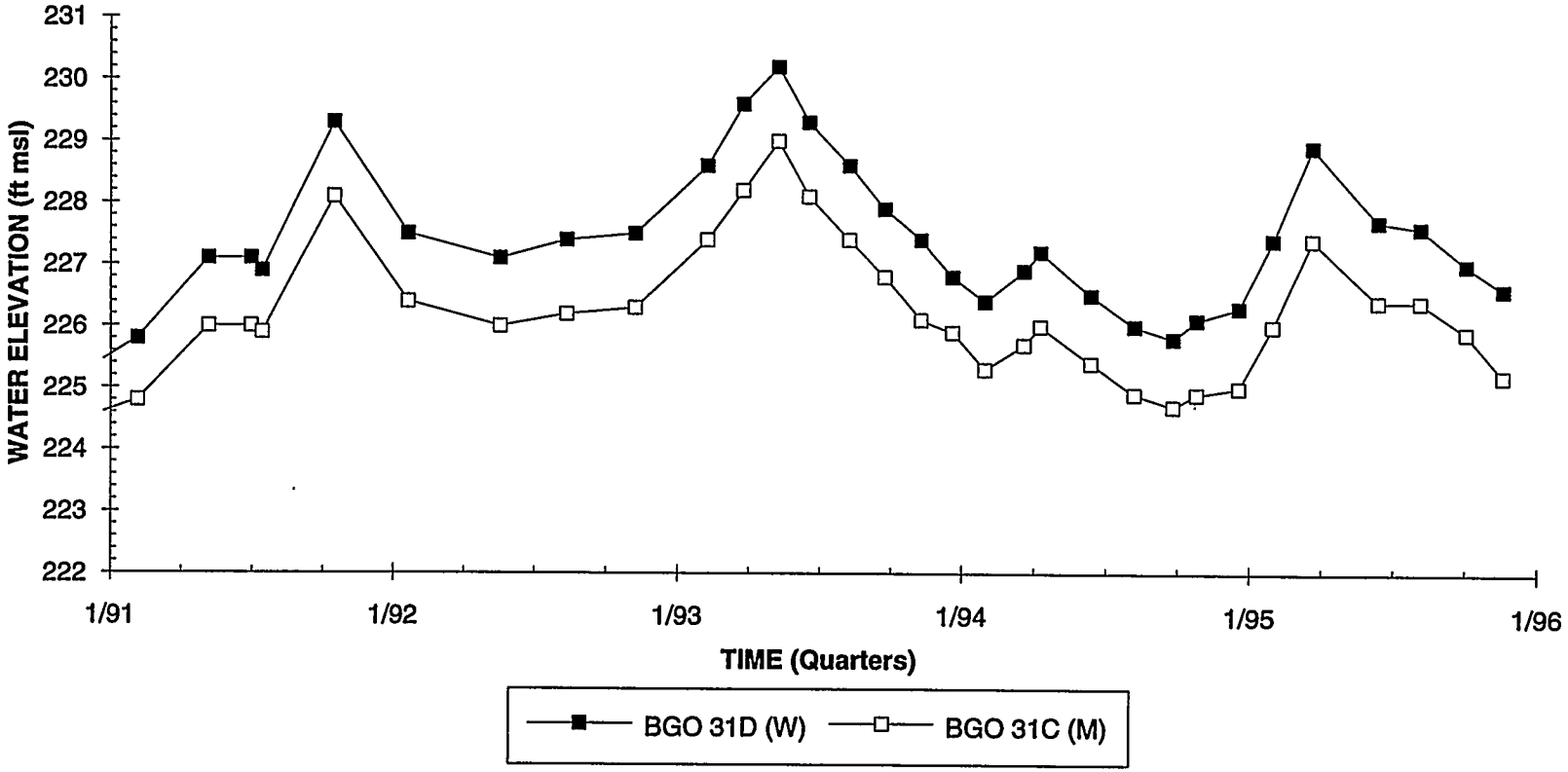
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well Cluster BGO 30



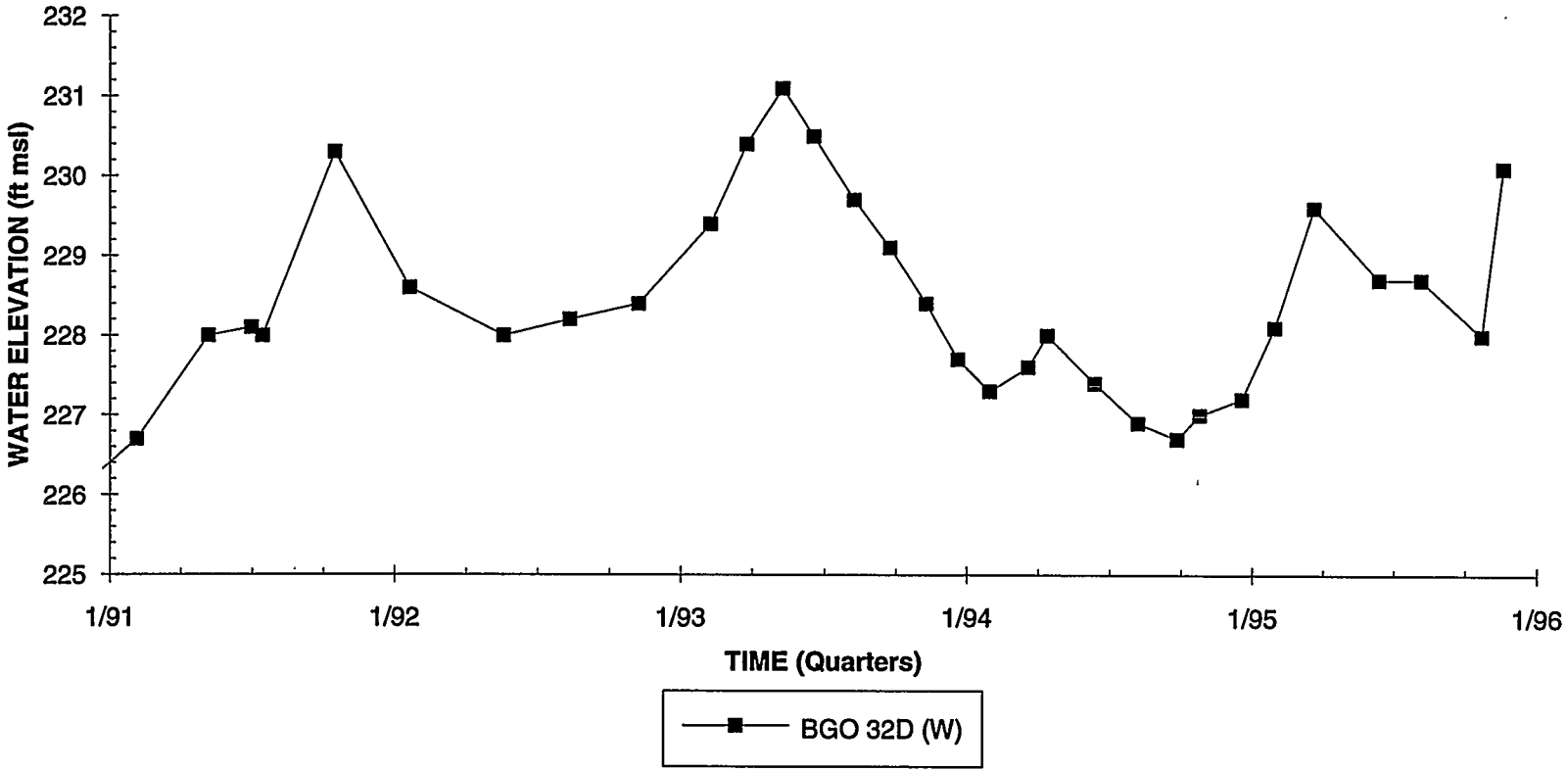
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well Cluster BGO 31



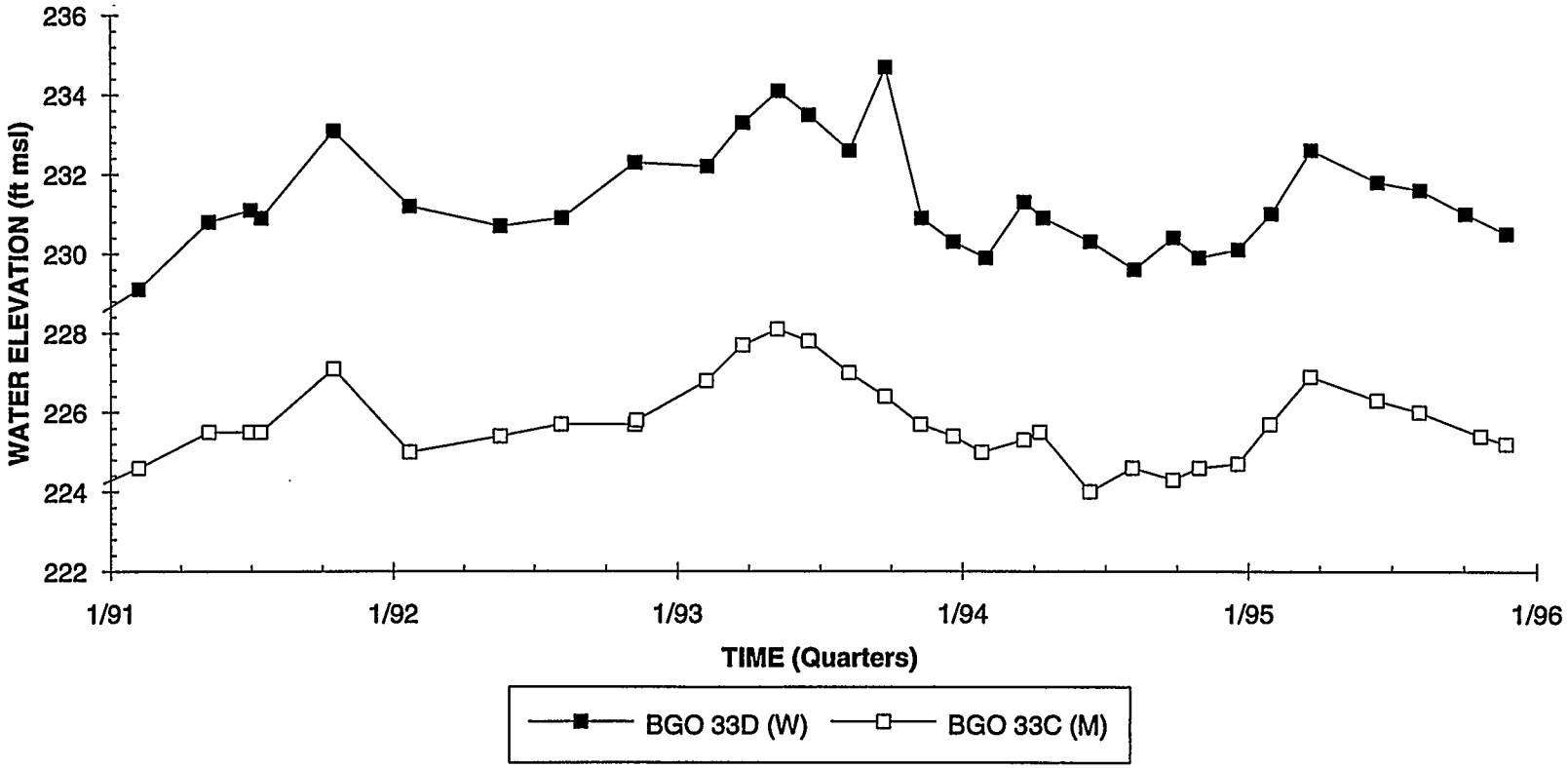
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well BGO 32D



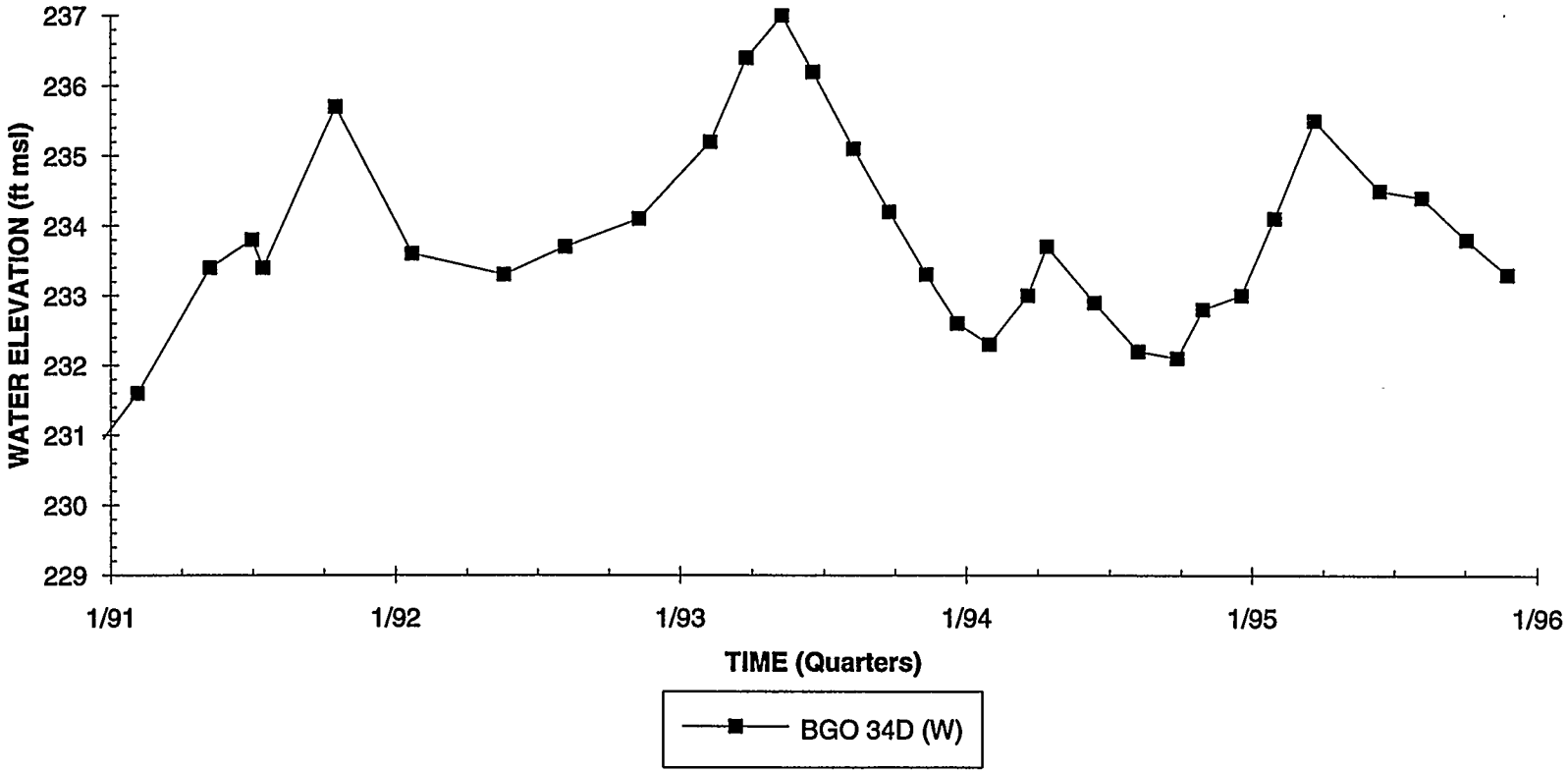
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well Cluster BGO 33



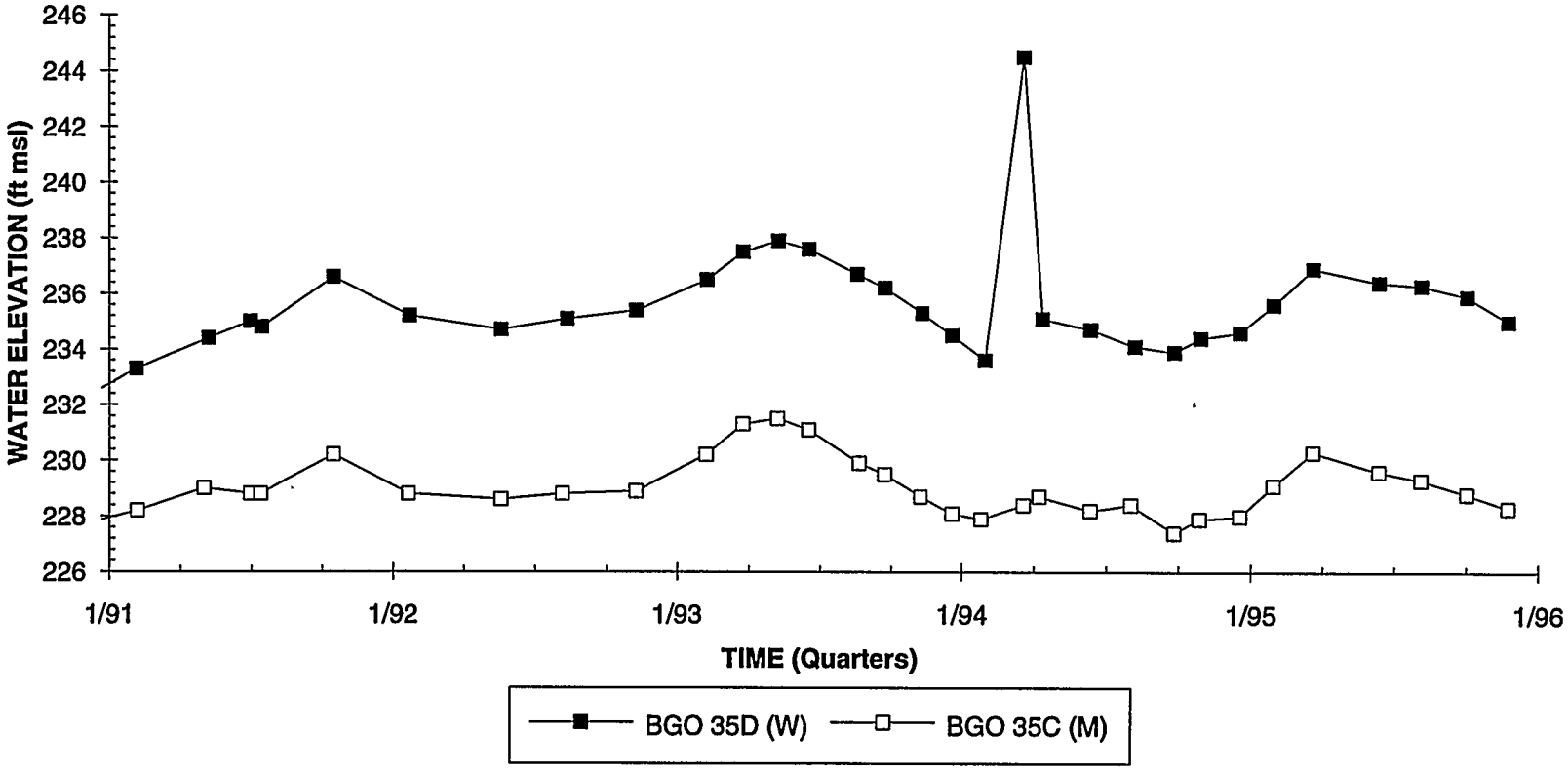
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well BGO 34D



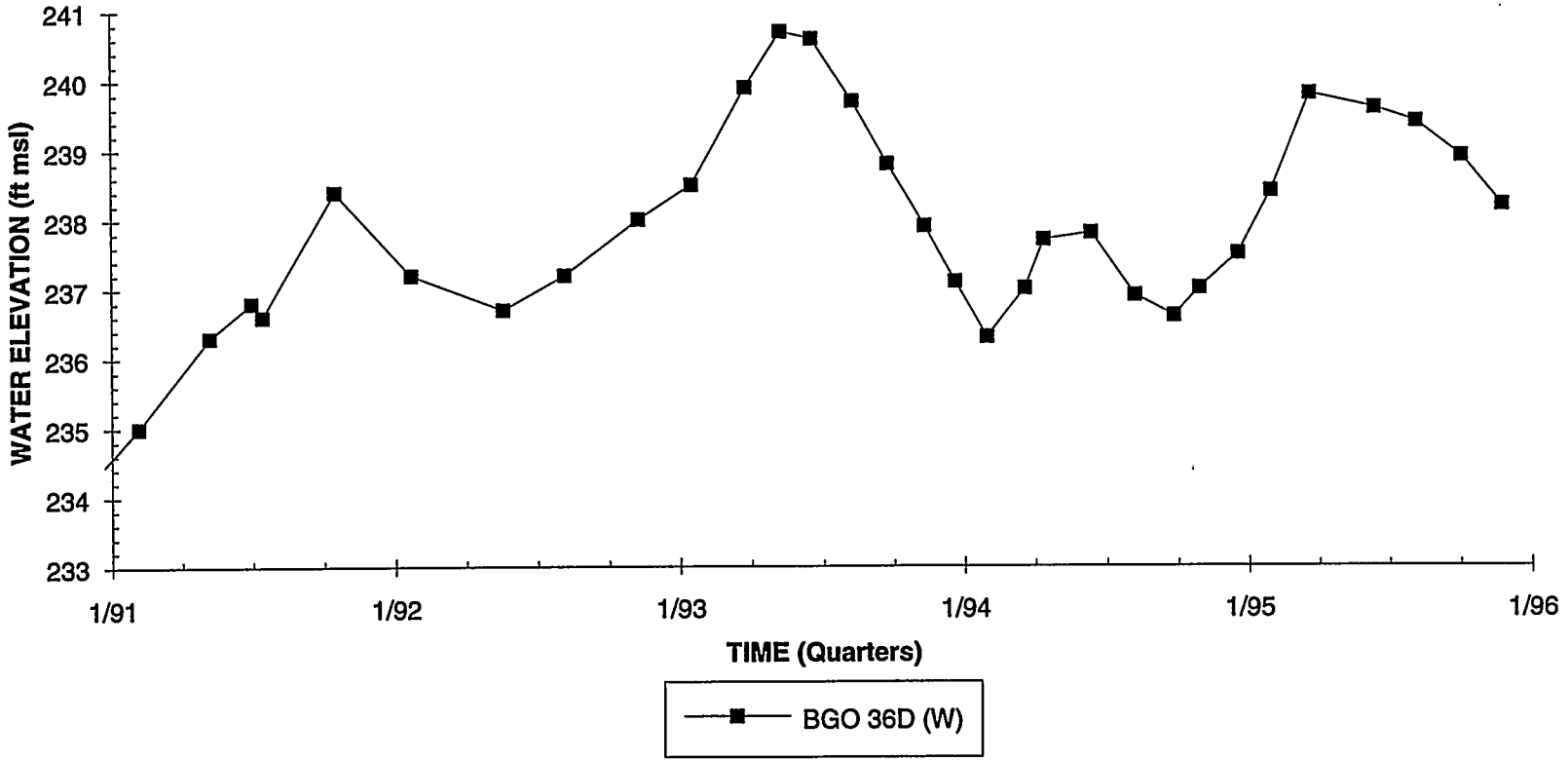
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well Cluster BGO 35



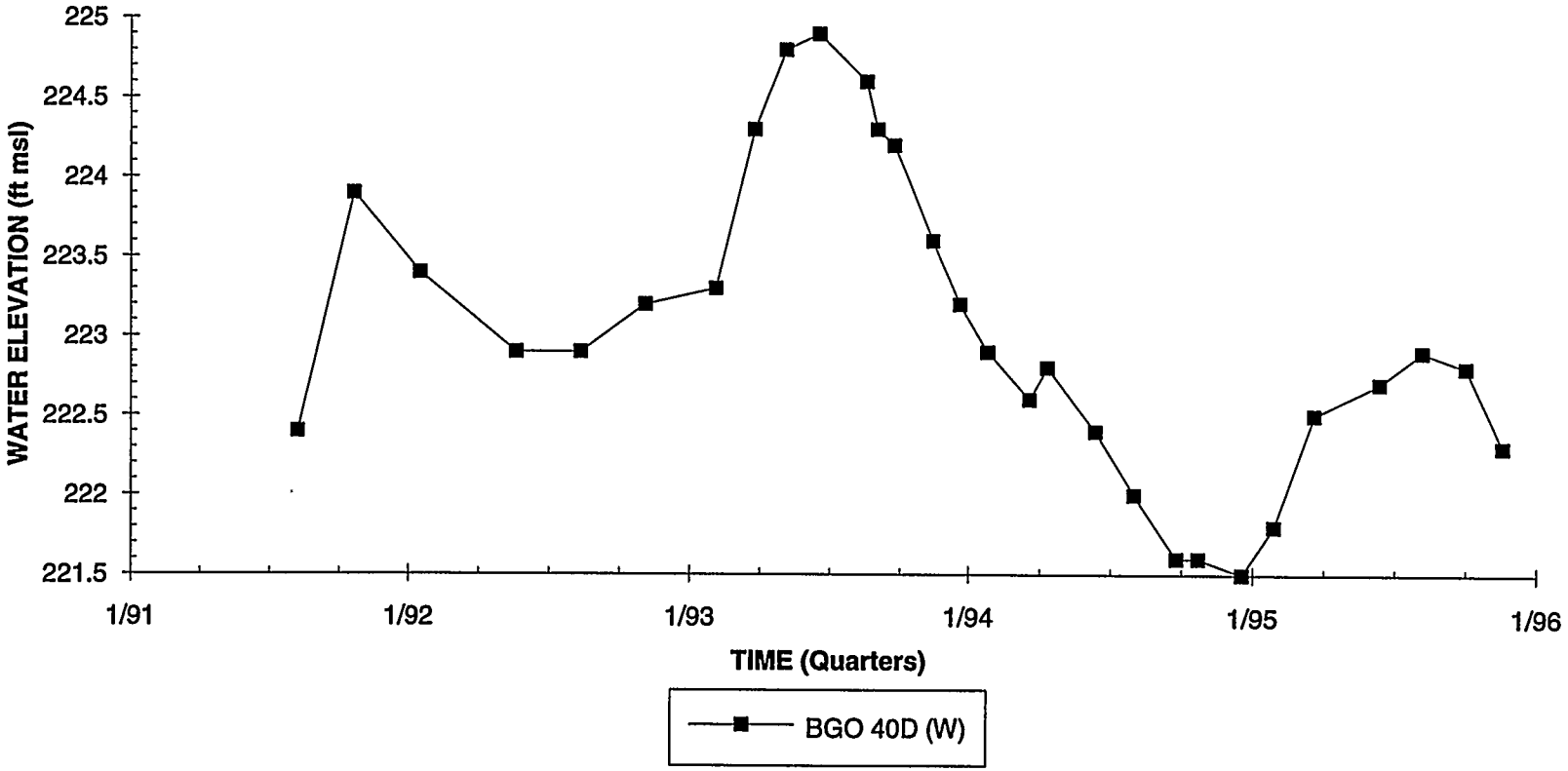
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well BGO 36D



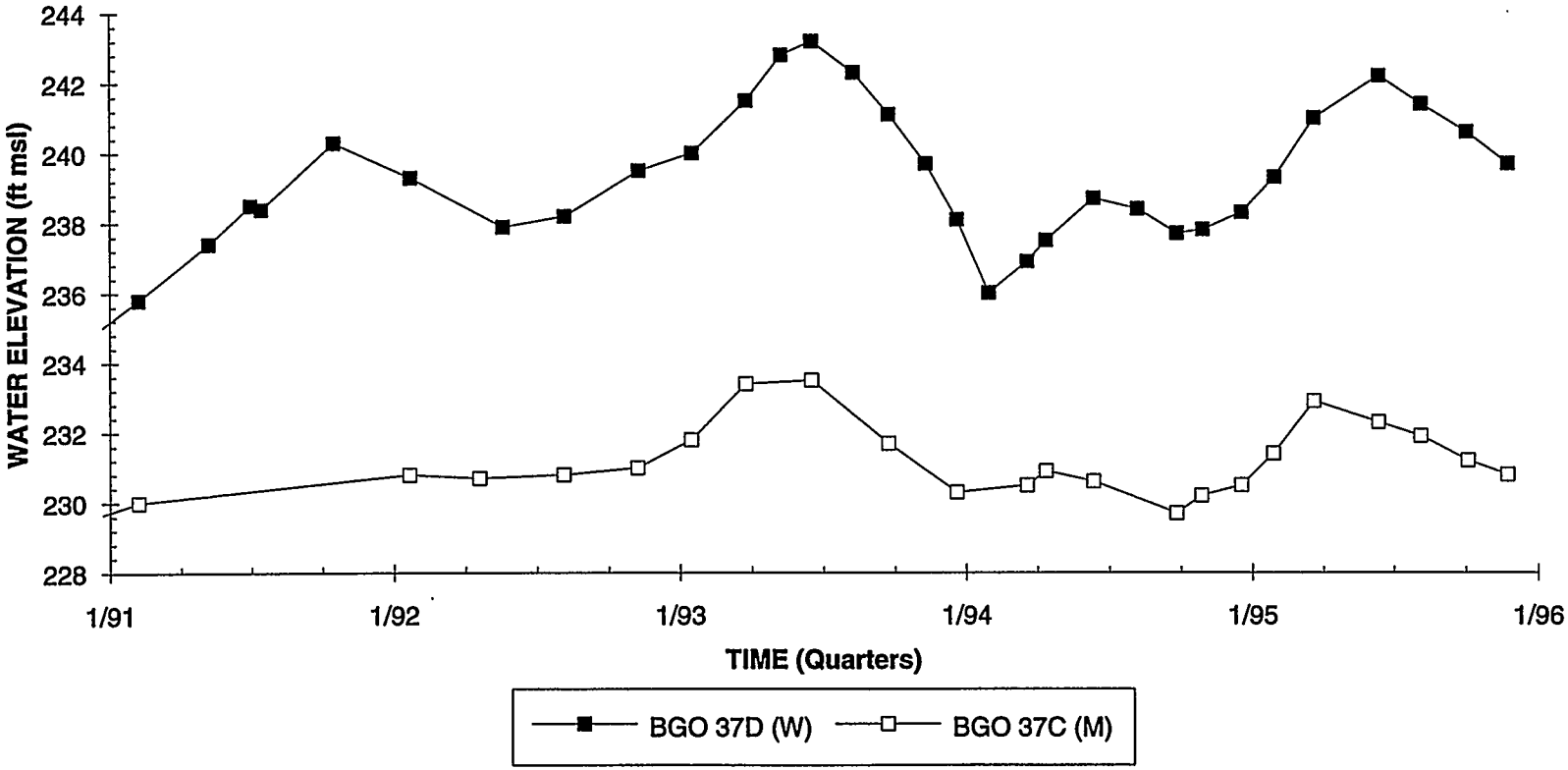
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well BGO 40D



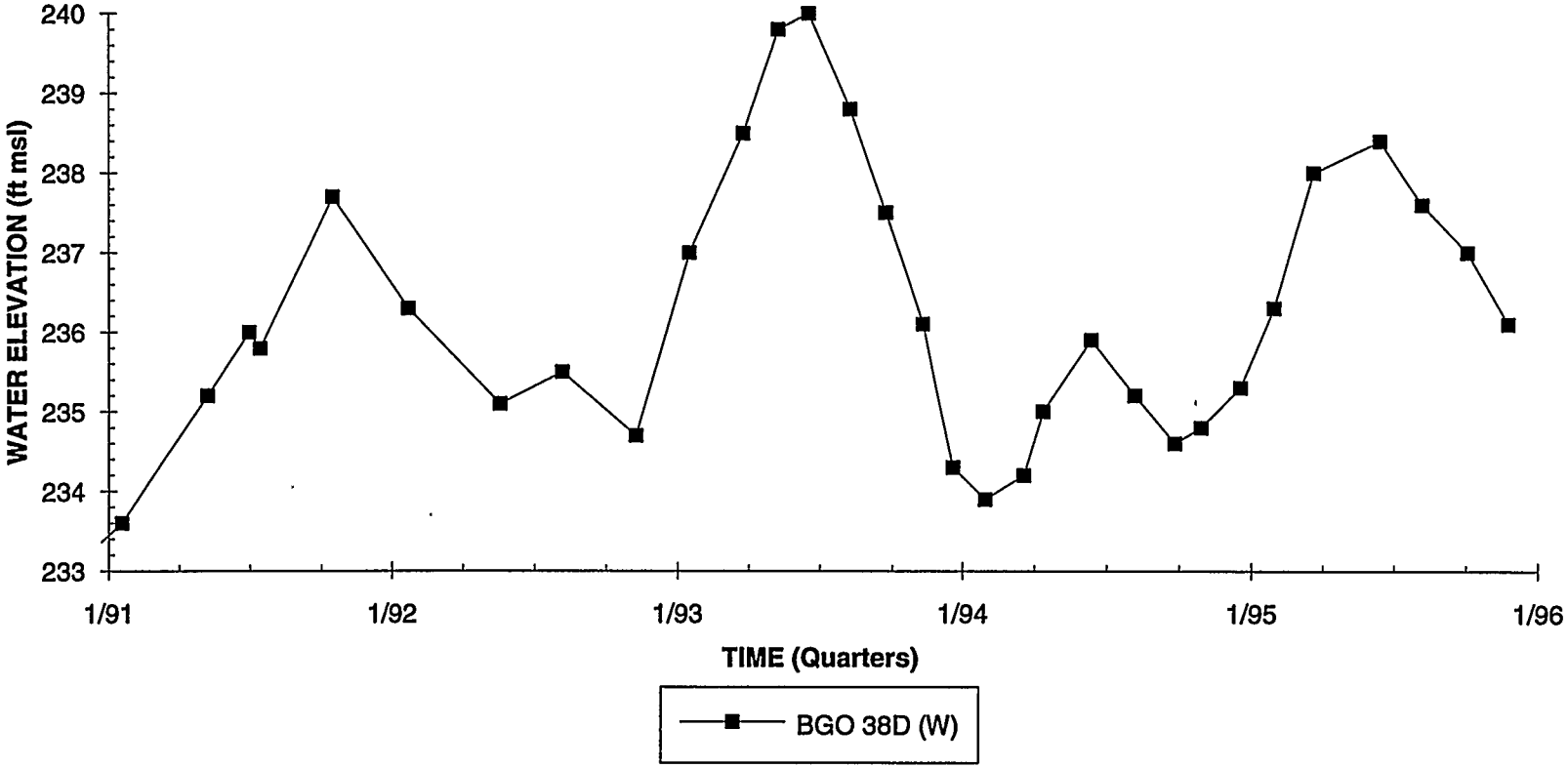
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well Cluster BGO 37



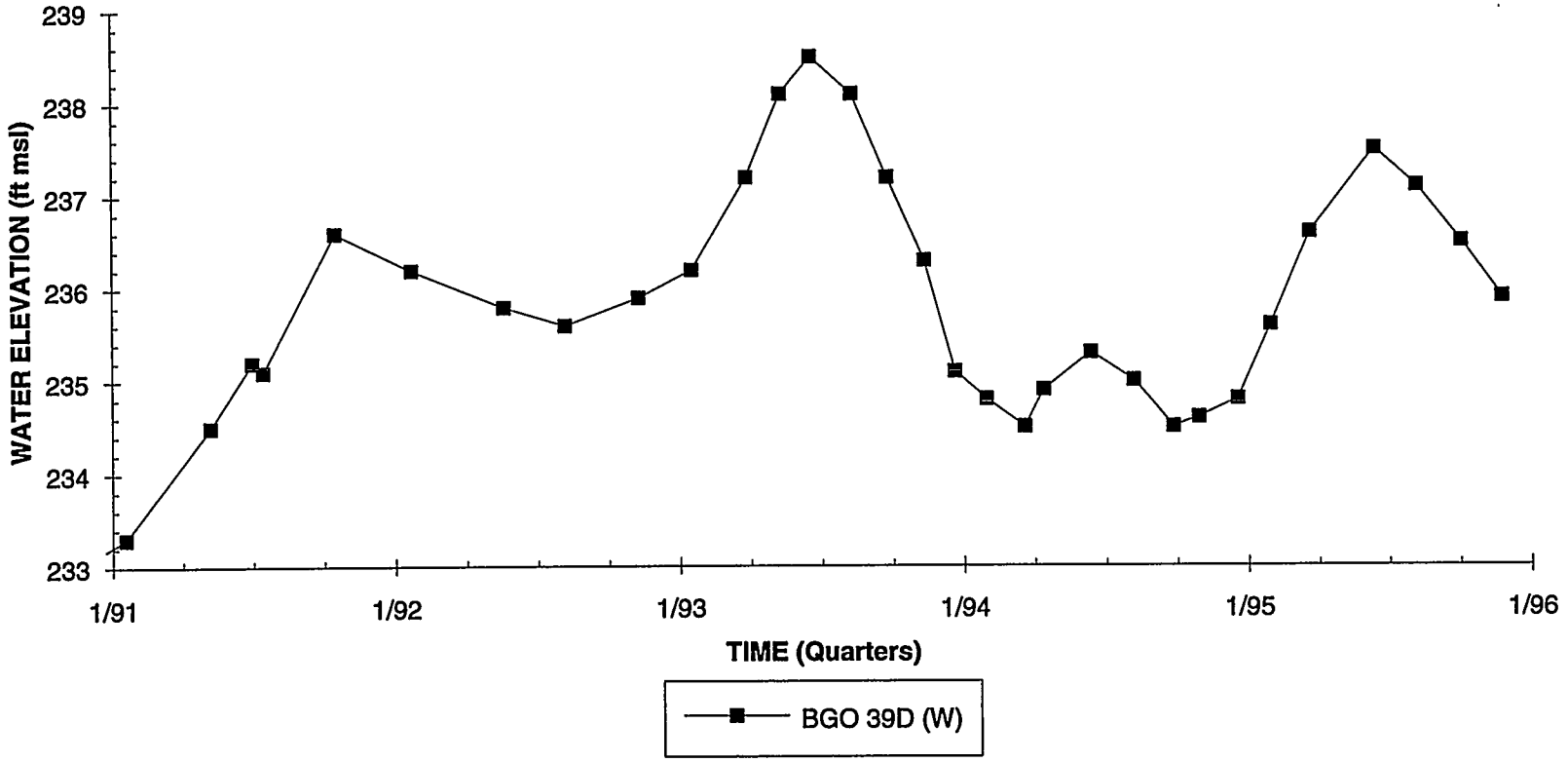
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well BGO 38D



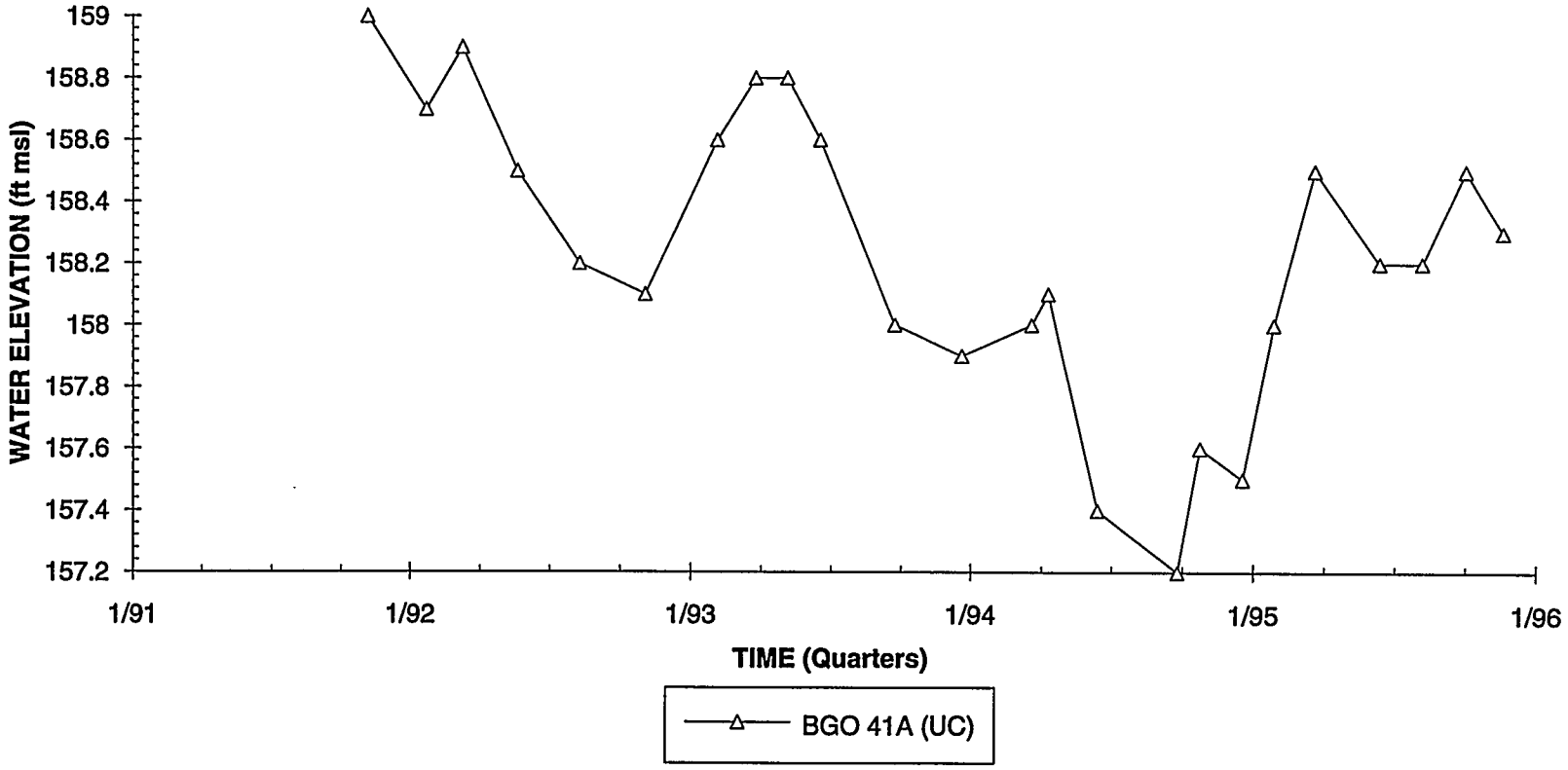
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well BGO 39D



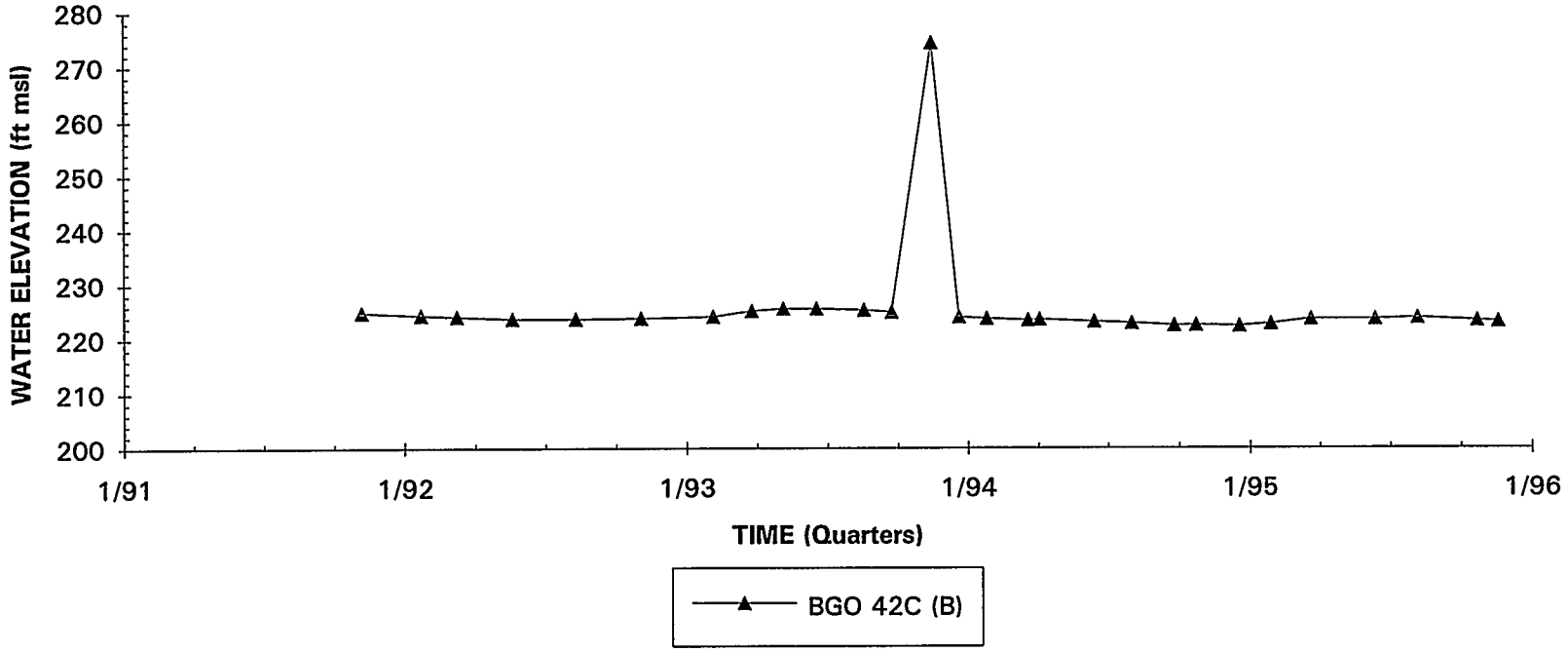
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well BGO 41A



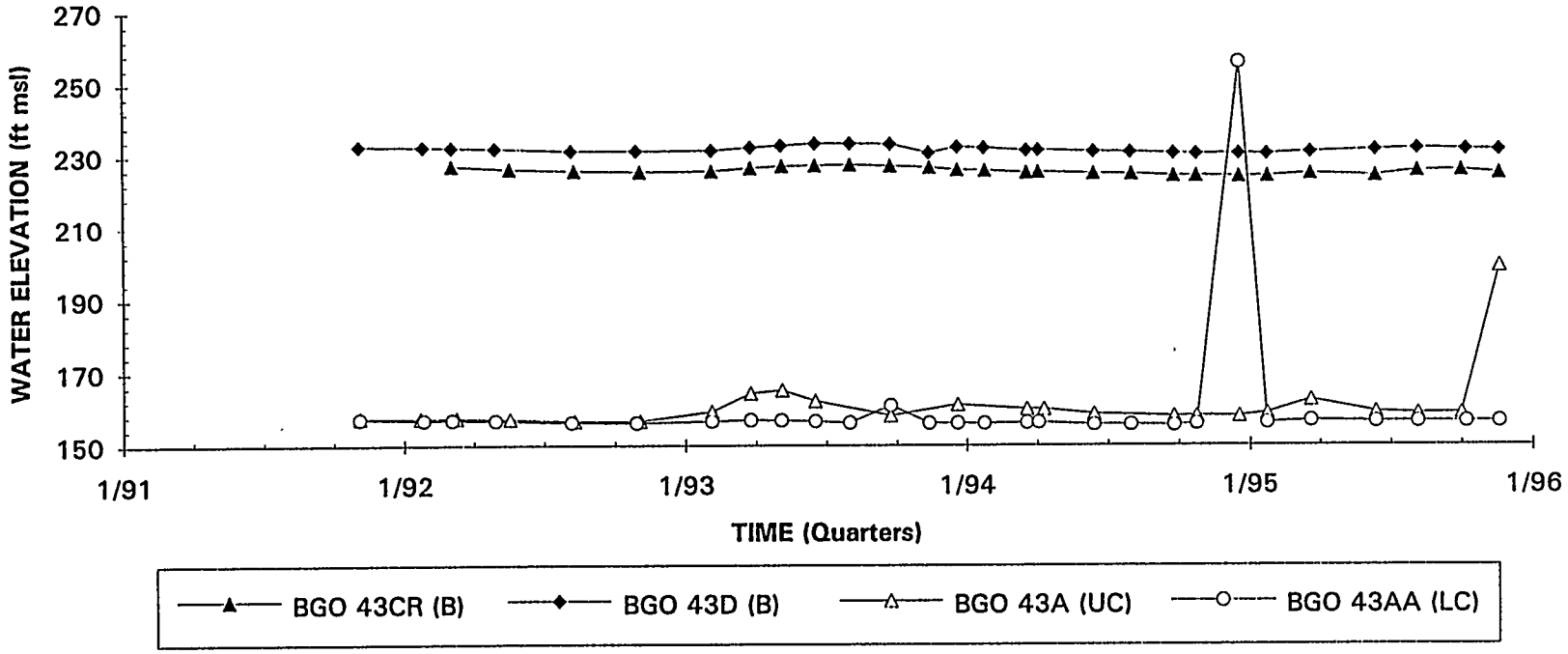
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well BGO 42C



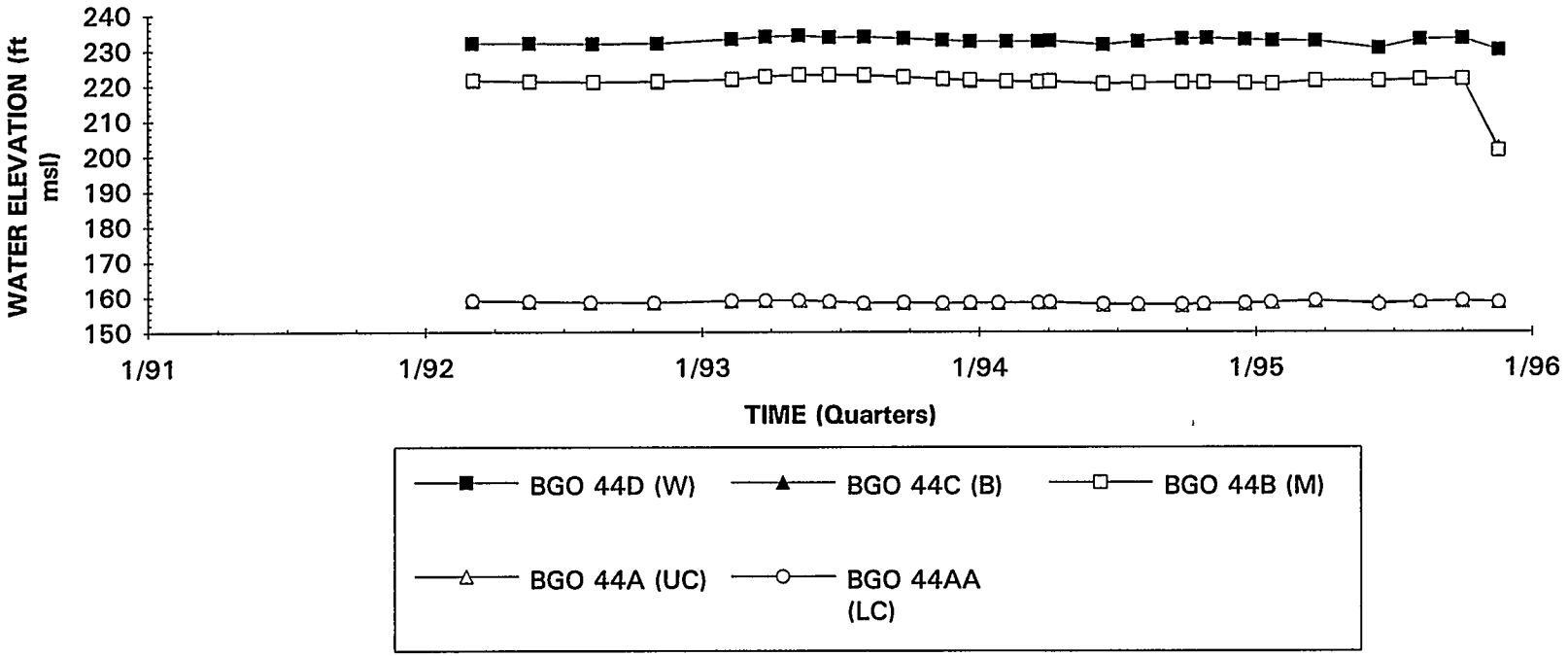
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well Cluster BGO 43



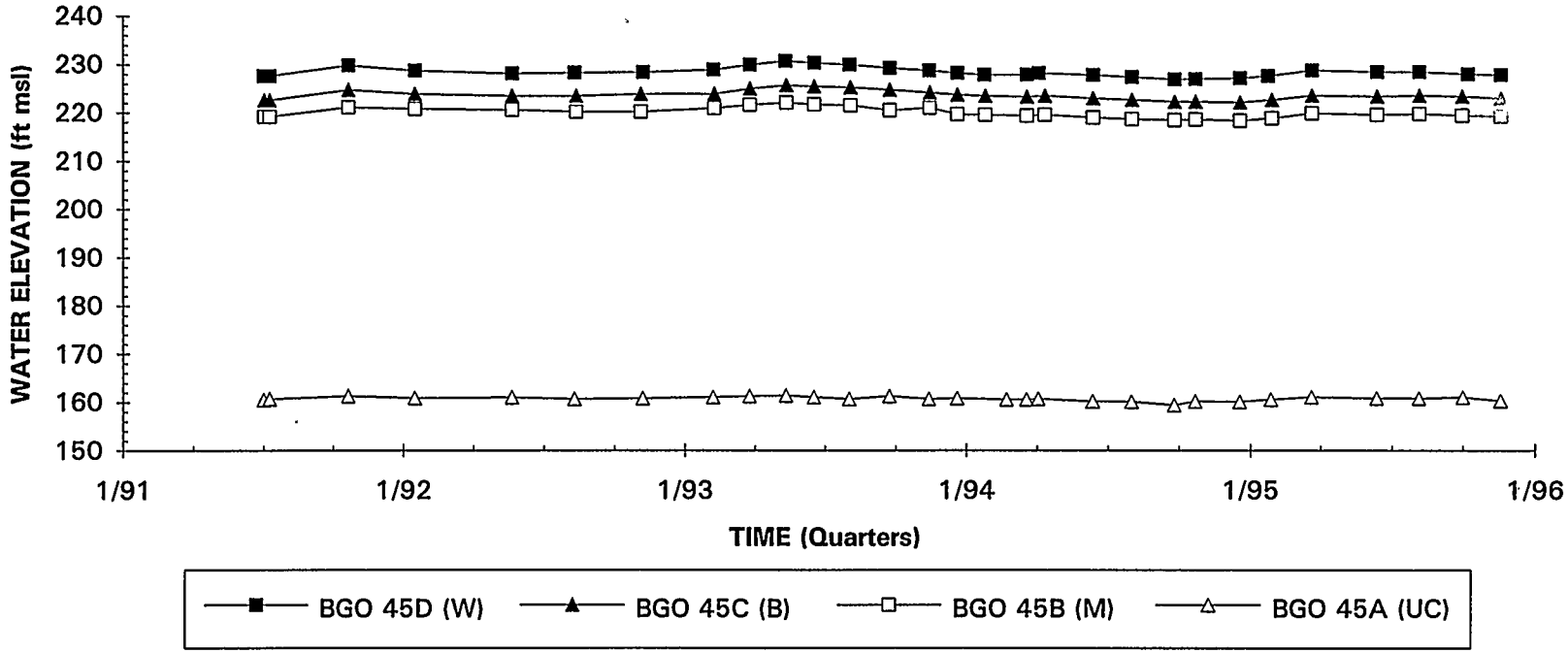
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well Cluster BGO 44



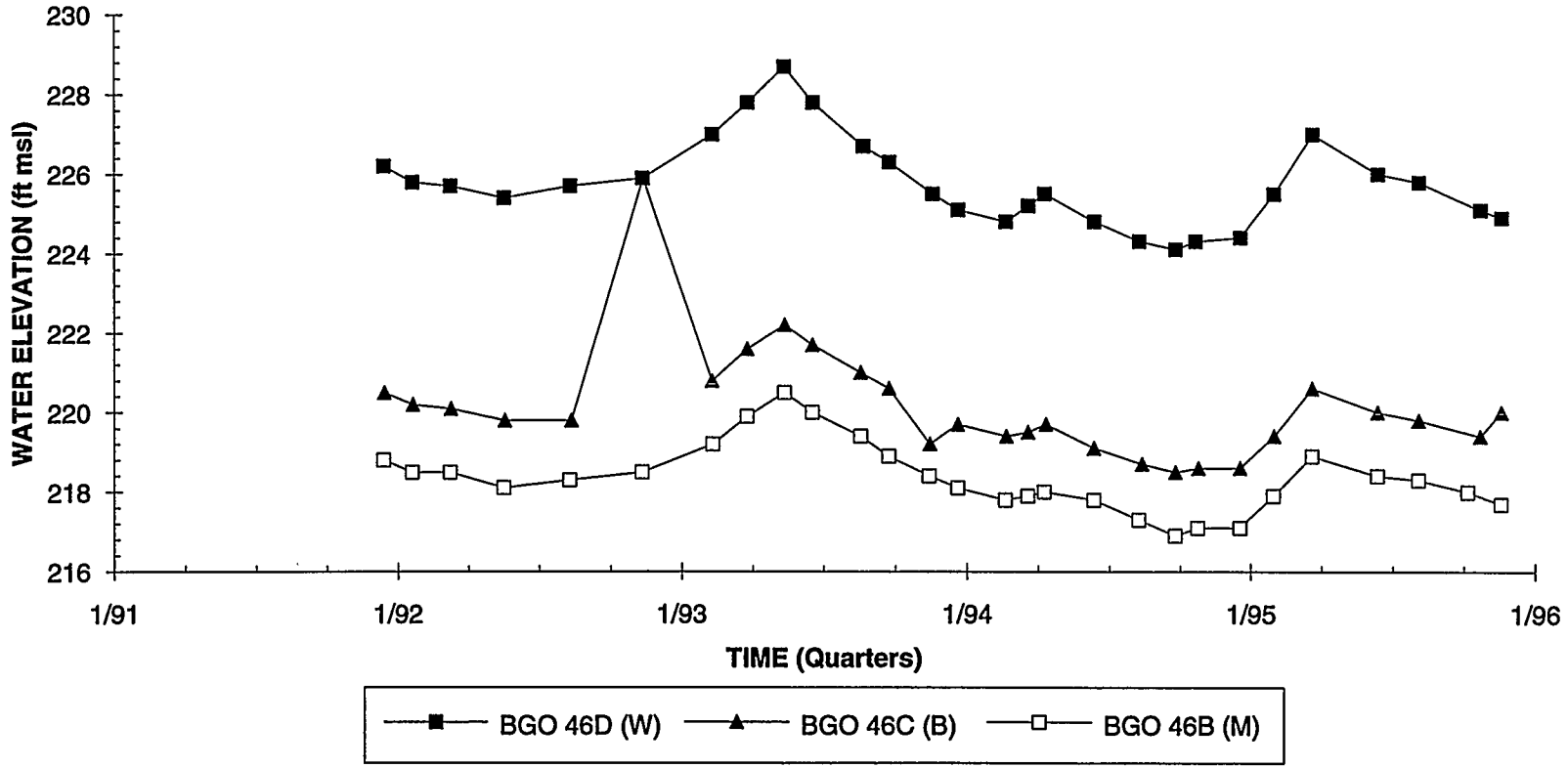
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well Cluster BGO 45



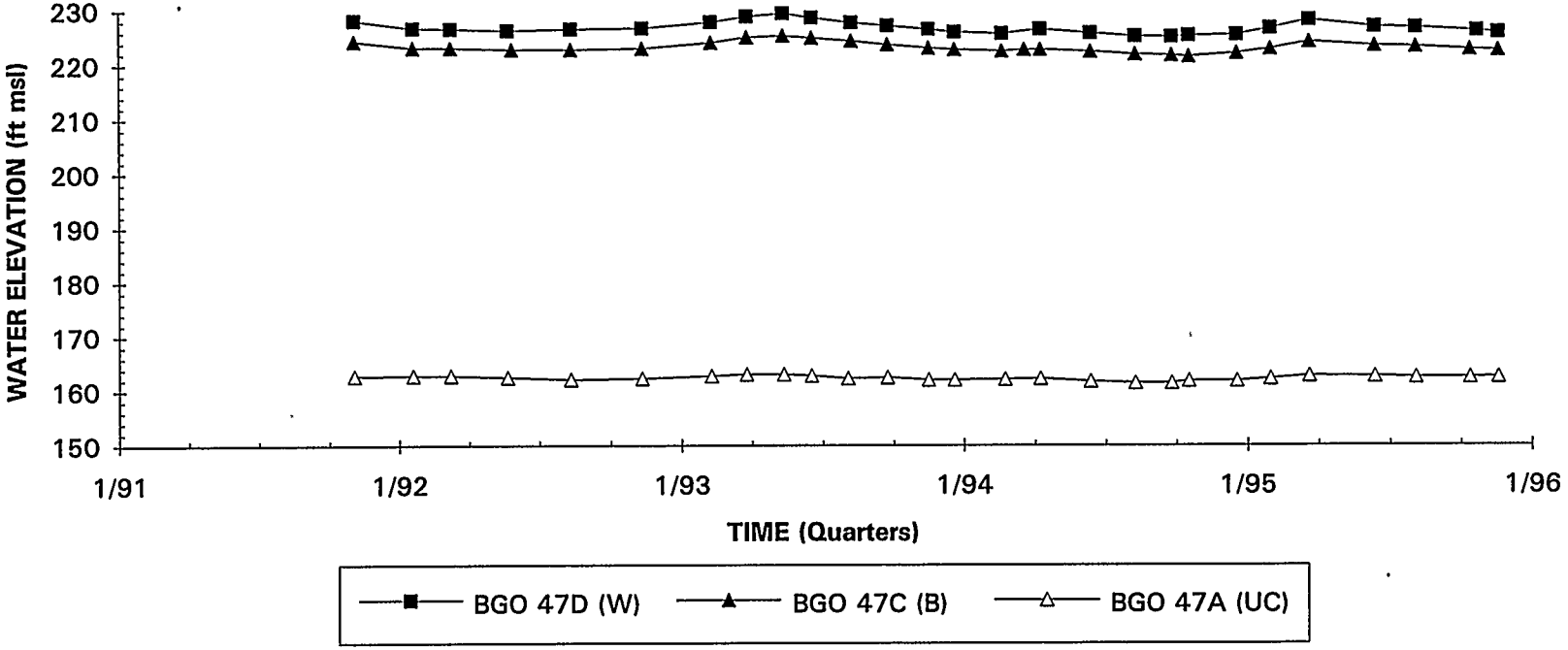
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well Cluster BGO 46



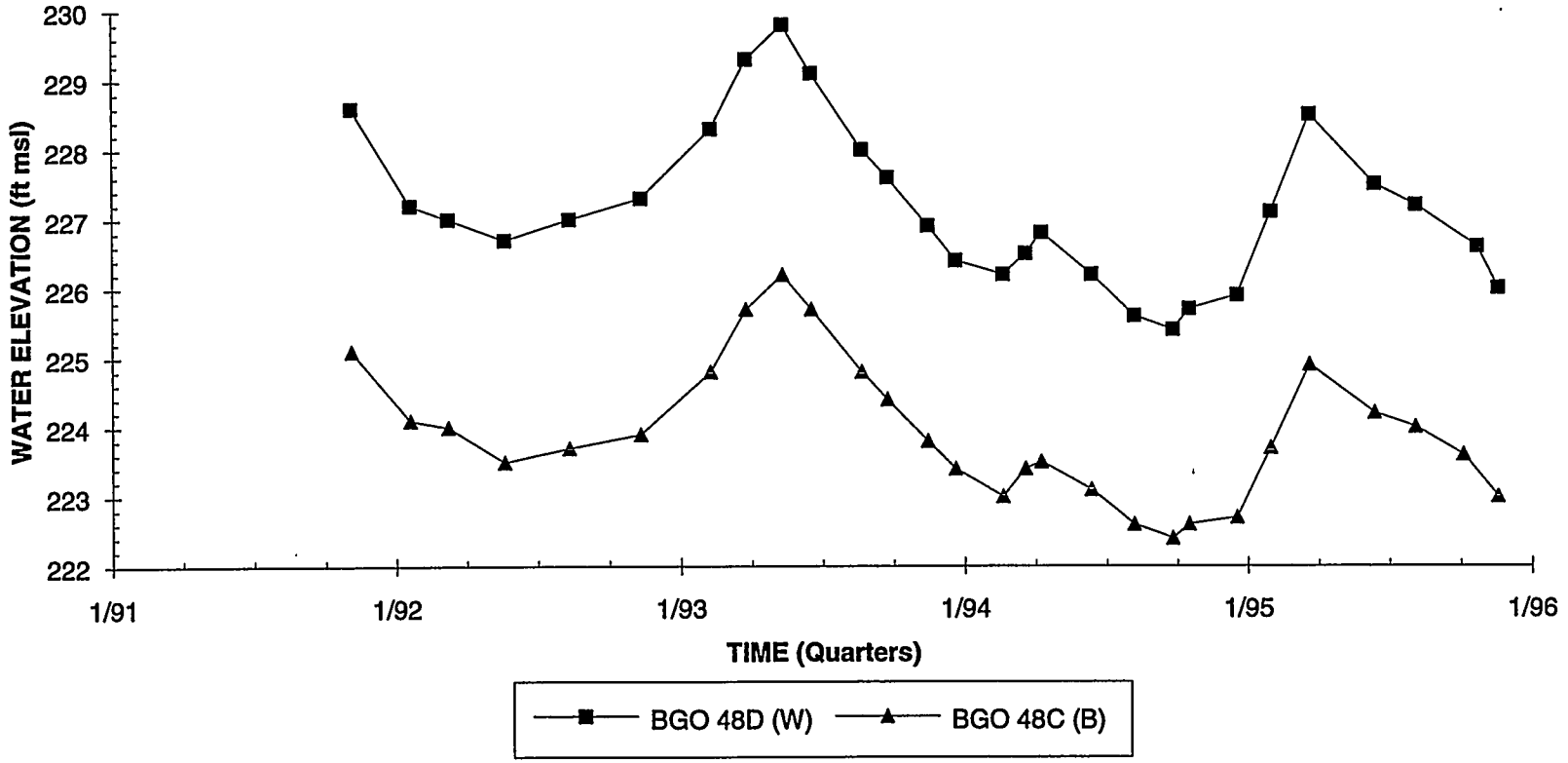
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well Cluster BGO 47



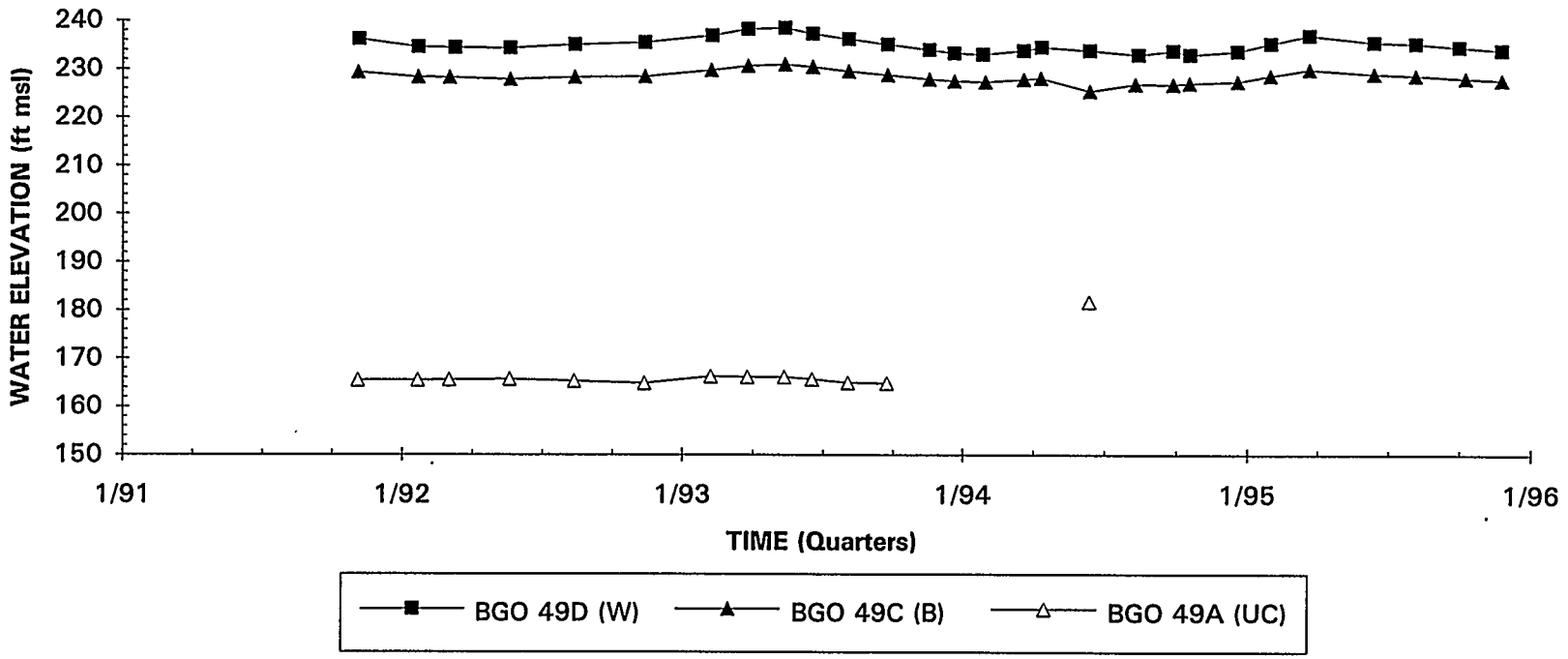
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well Cluster BGO 48



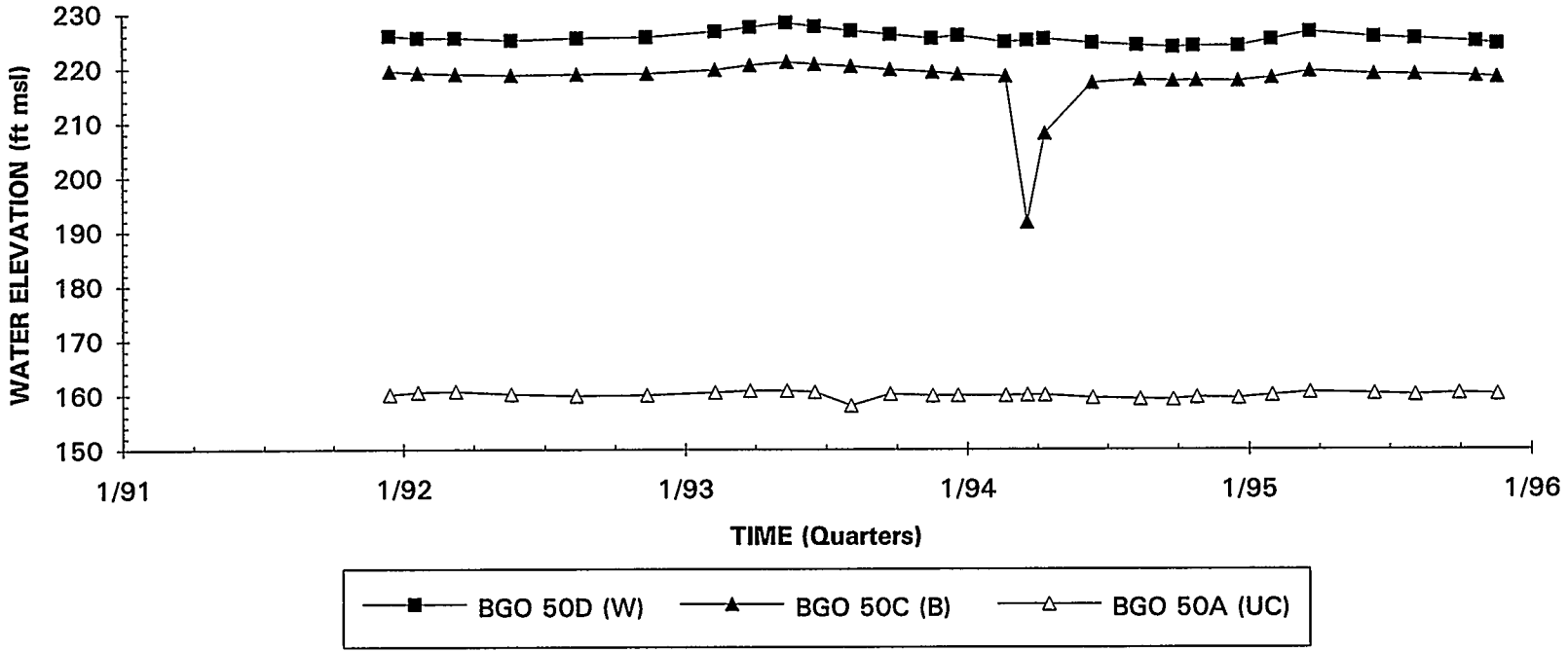
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well Cluster BGO 49



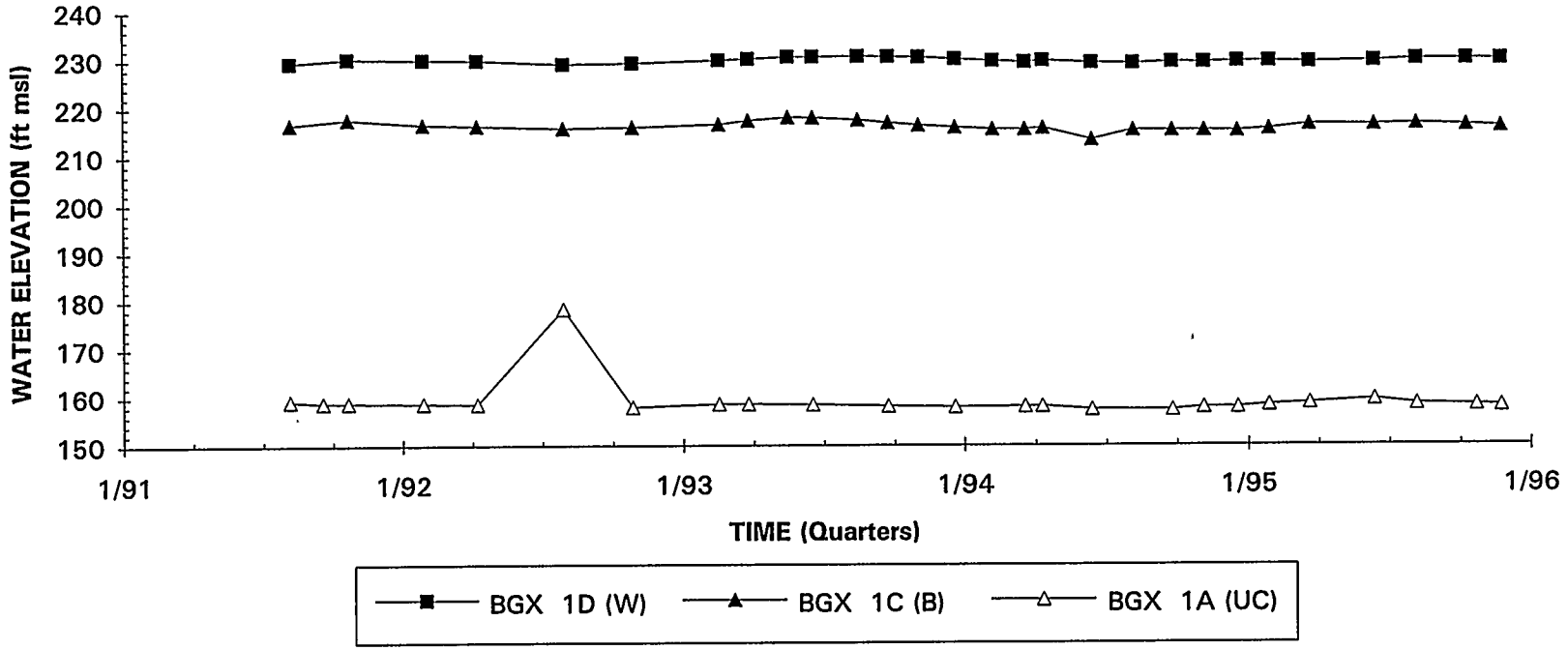
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well Cluster BGO 50



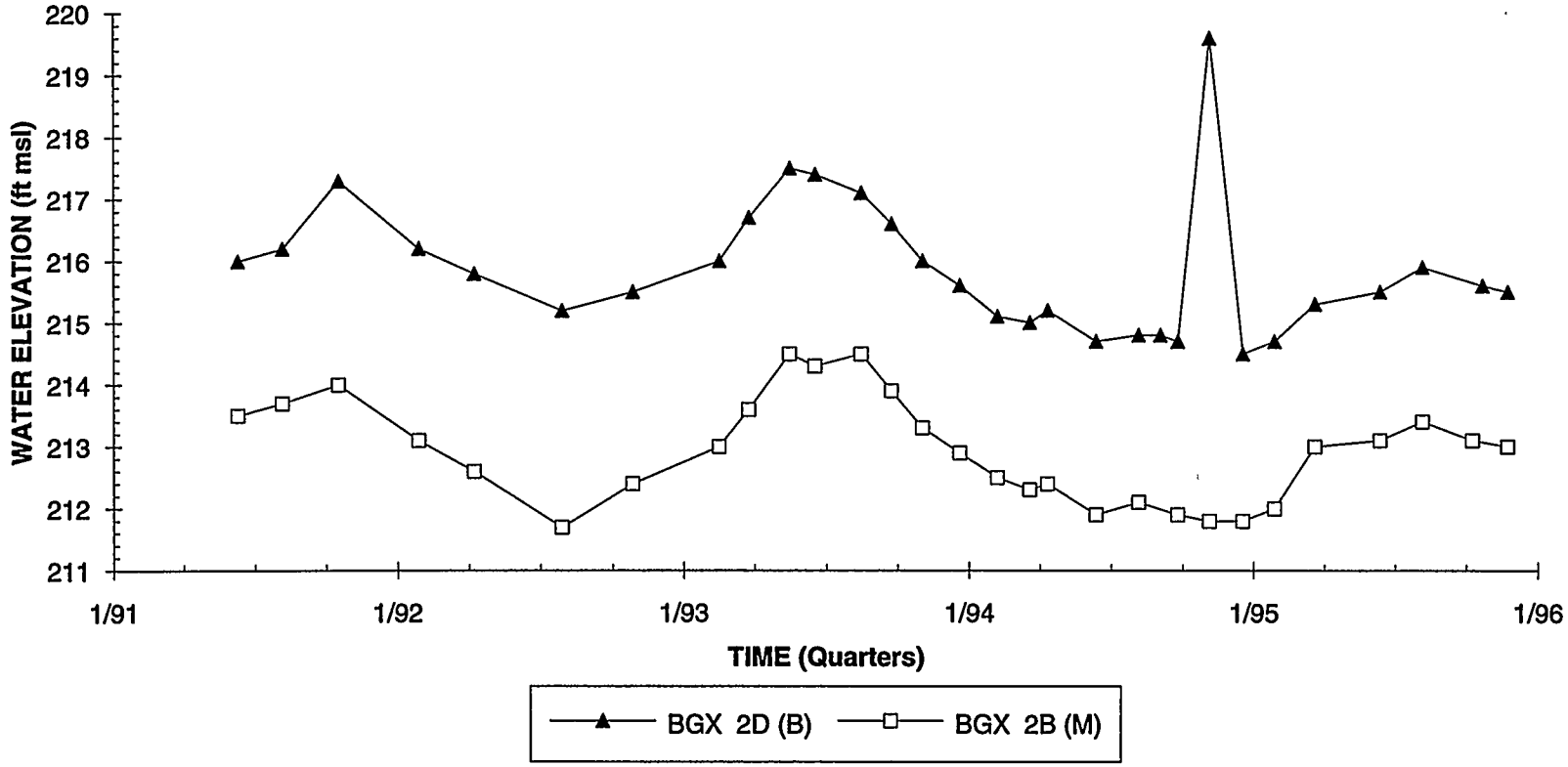
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well Cluster BGX 1



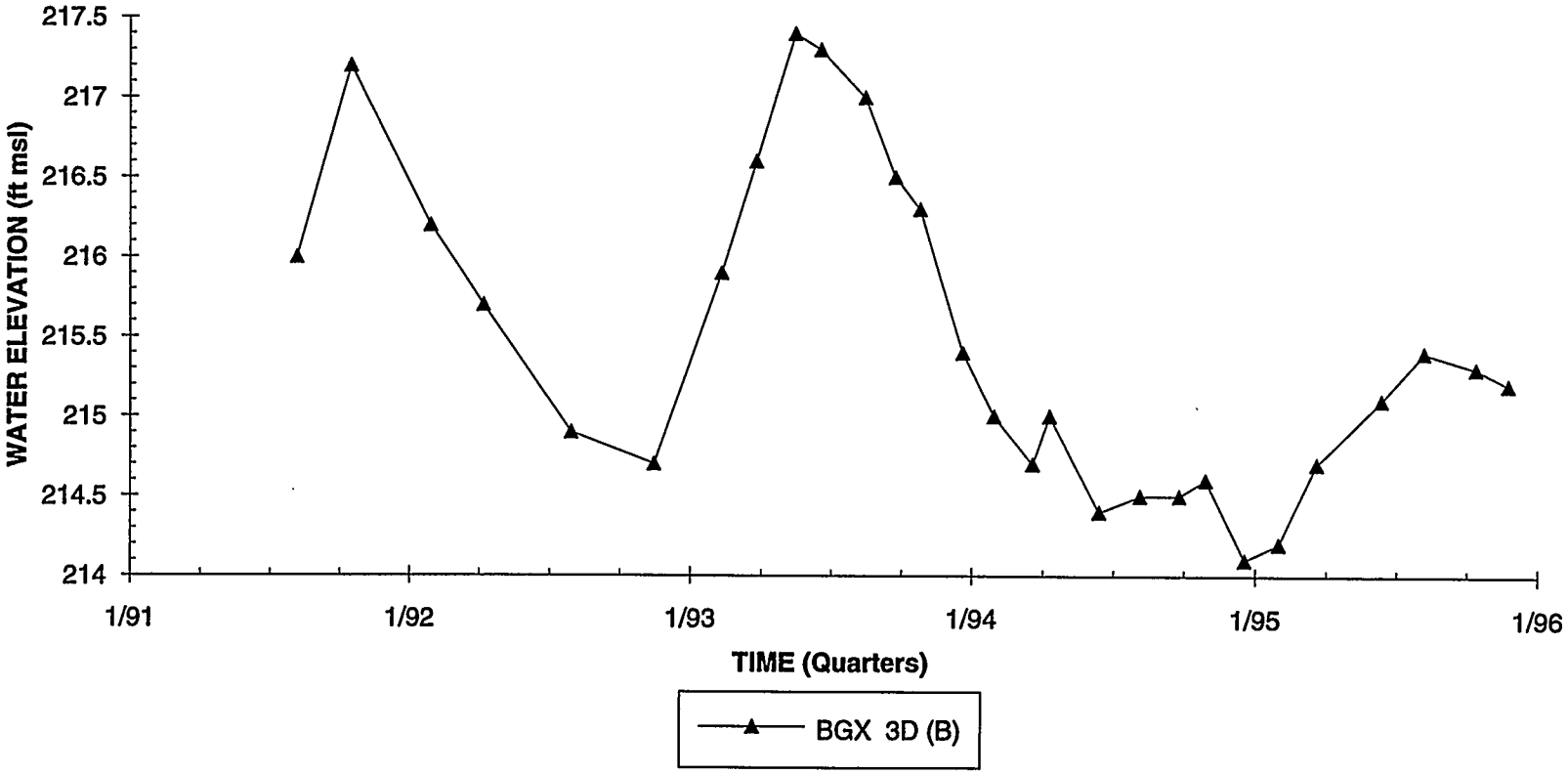
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well Cluster BGX 2



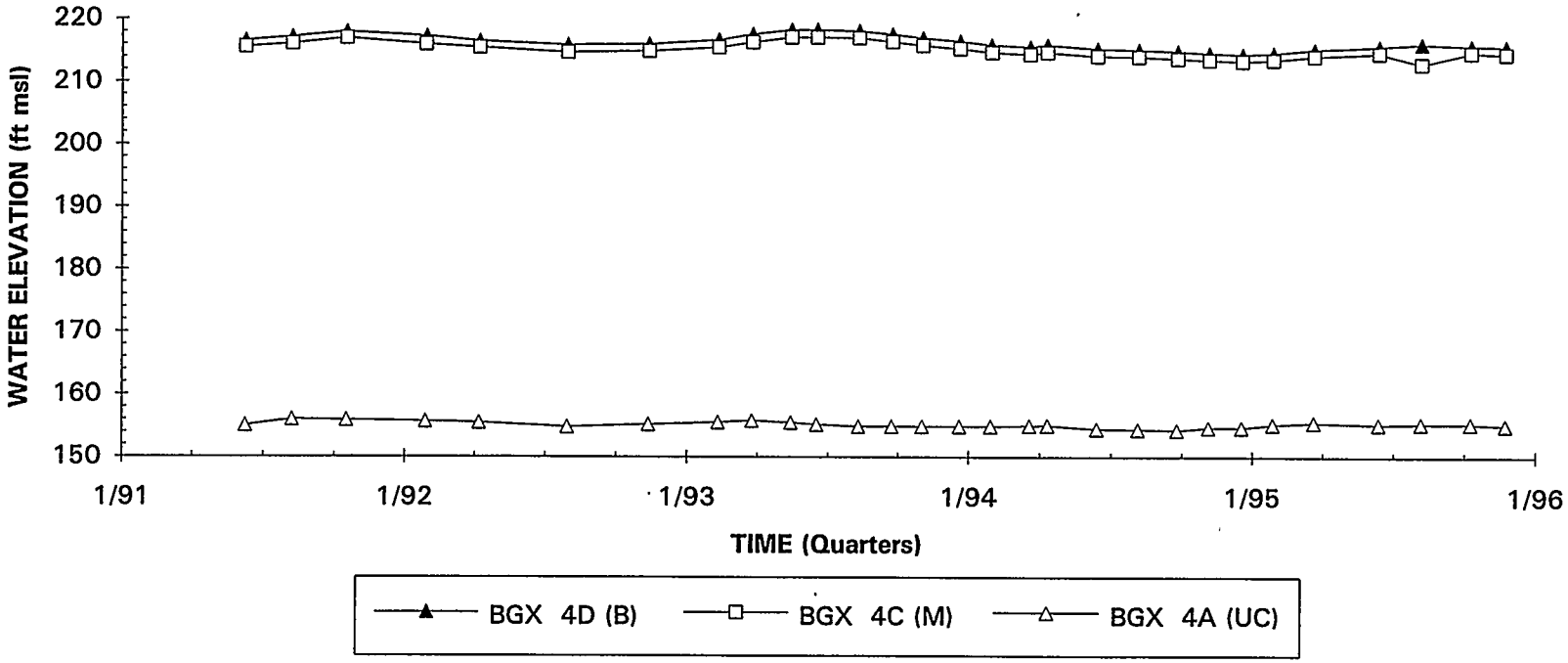
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well BGX 3D



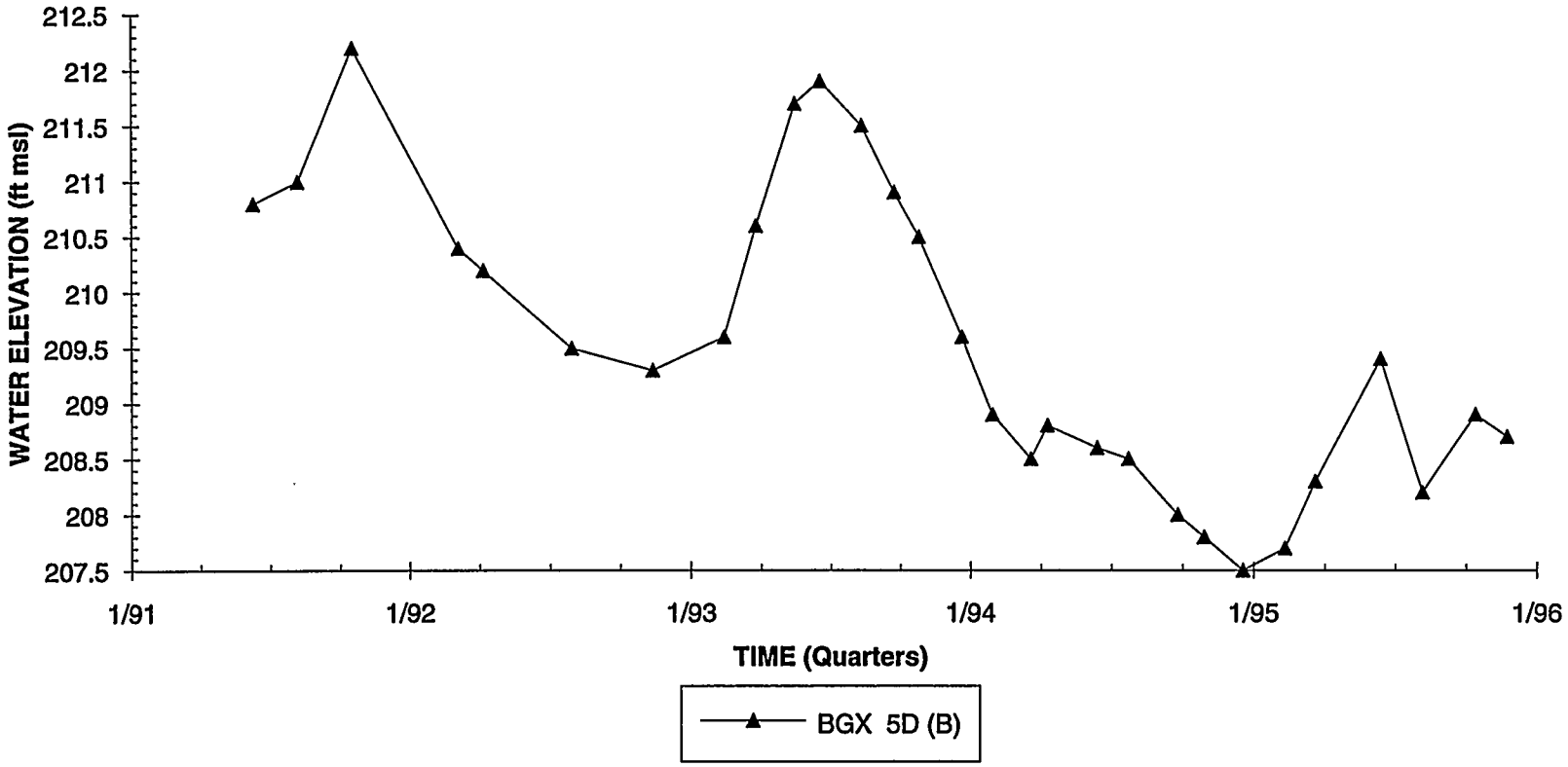
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well Cluster BGX 4



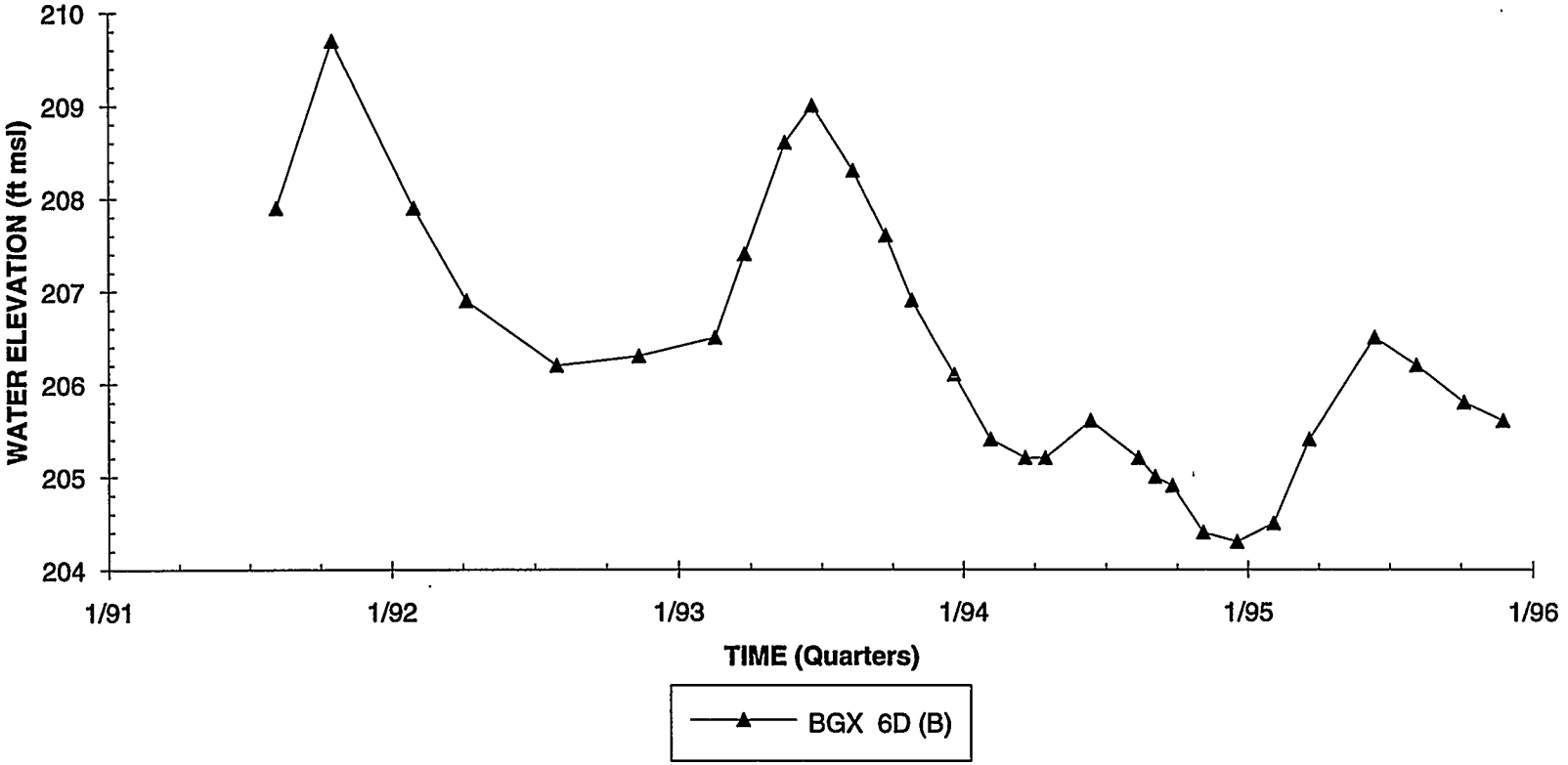
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well BGX 5D



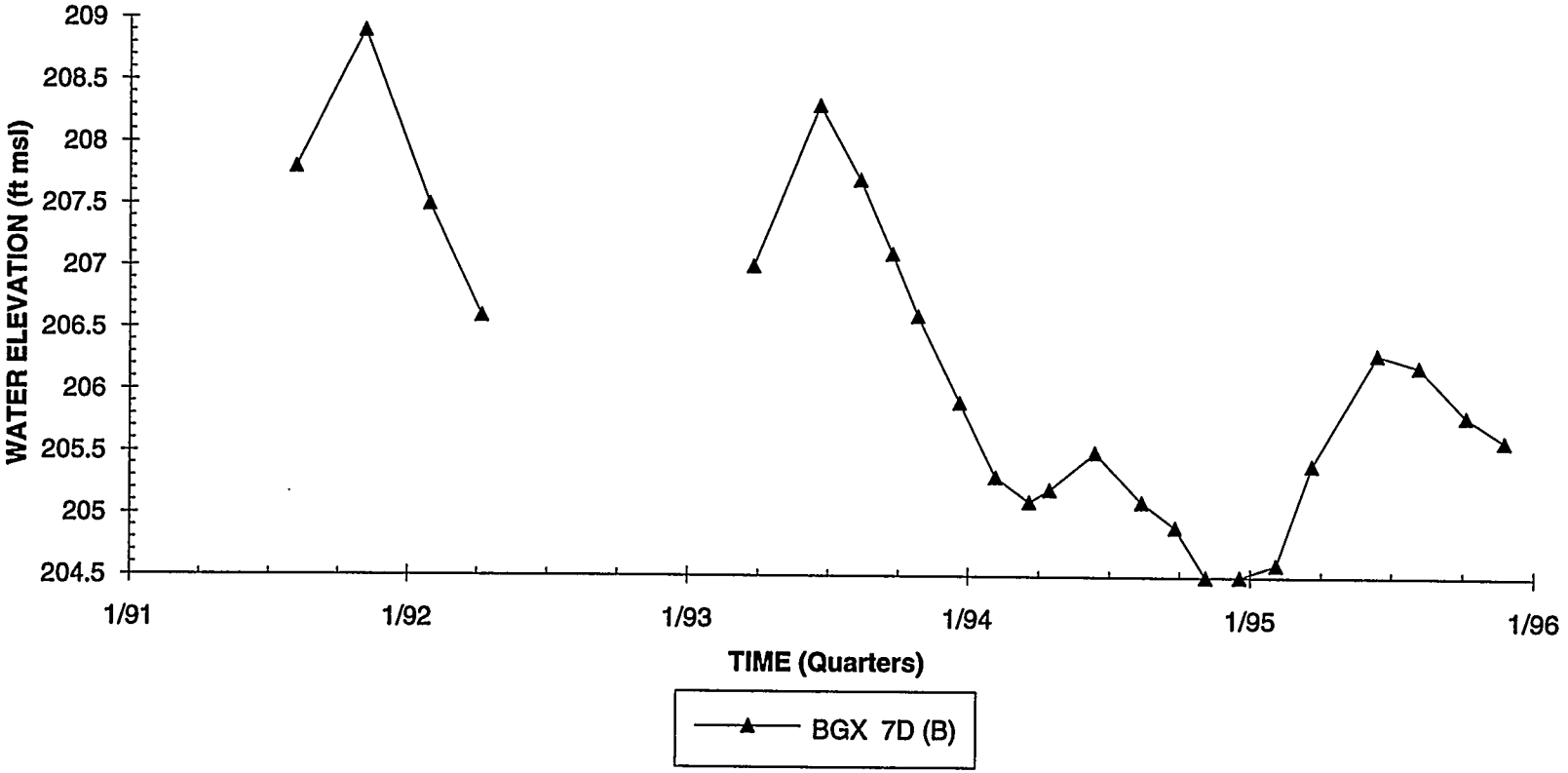
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well BGX 6D

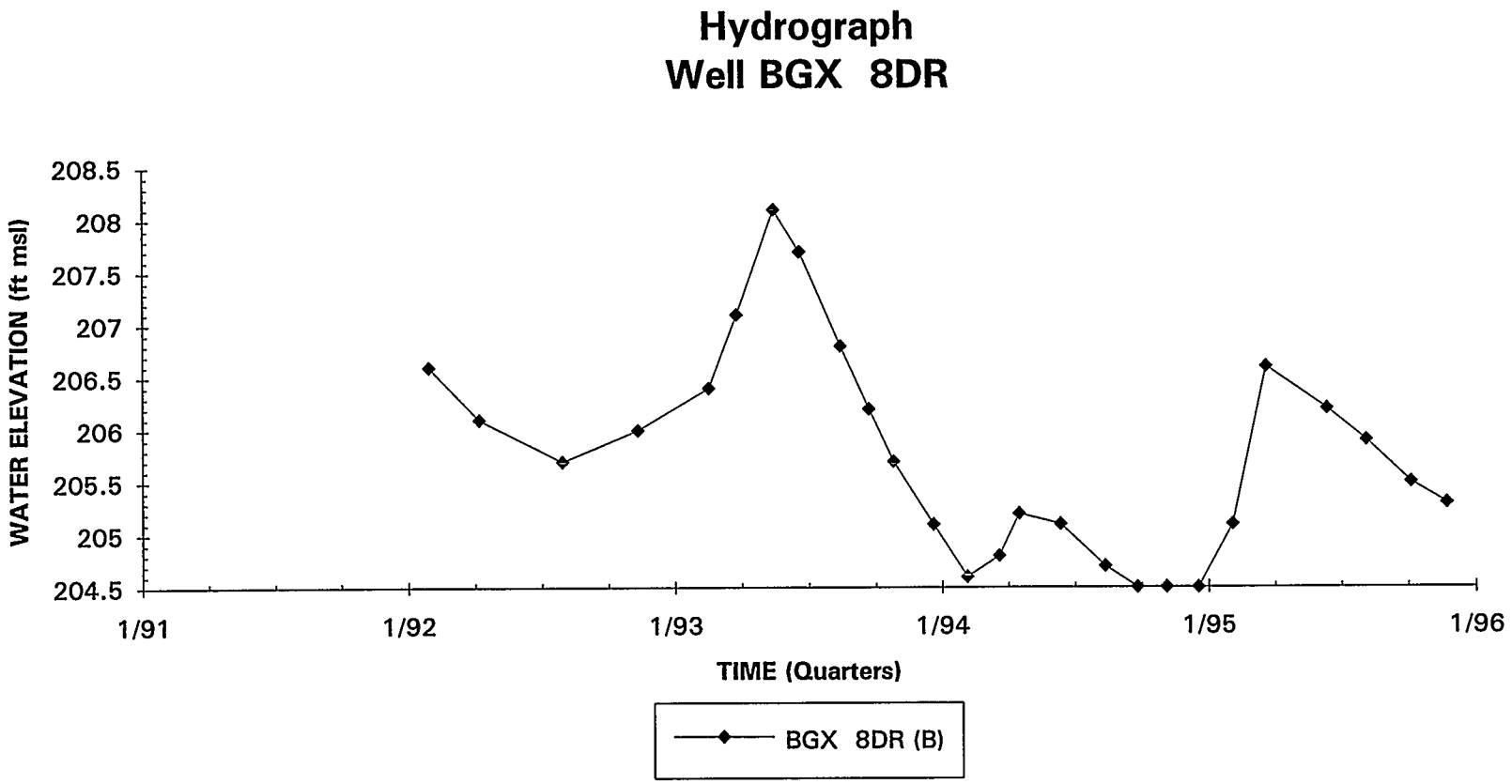


Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well BGX 7D

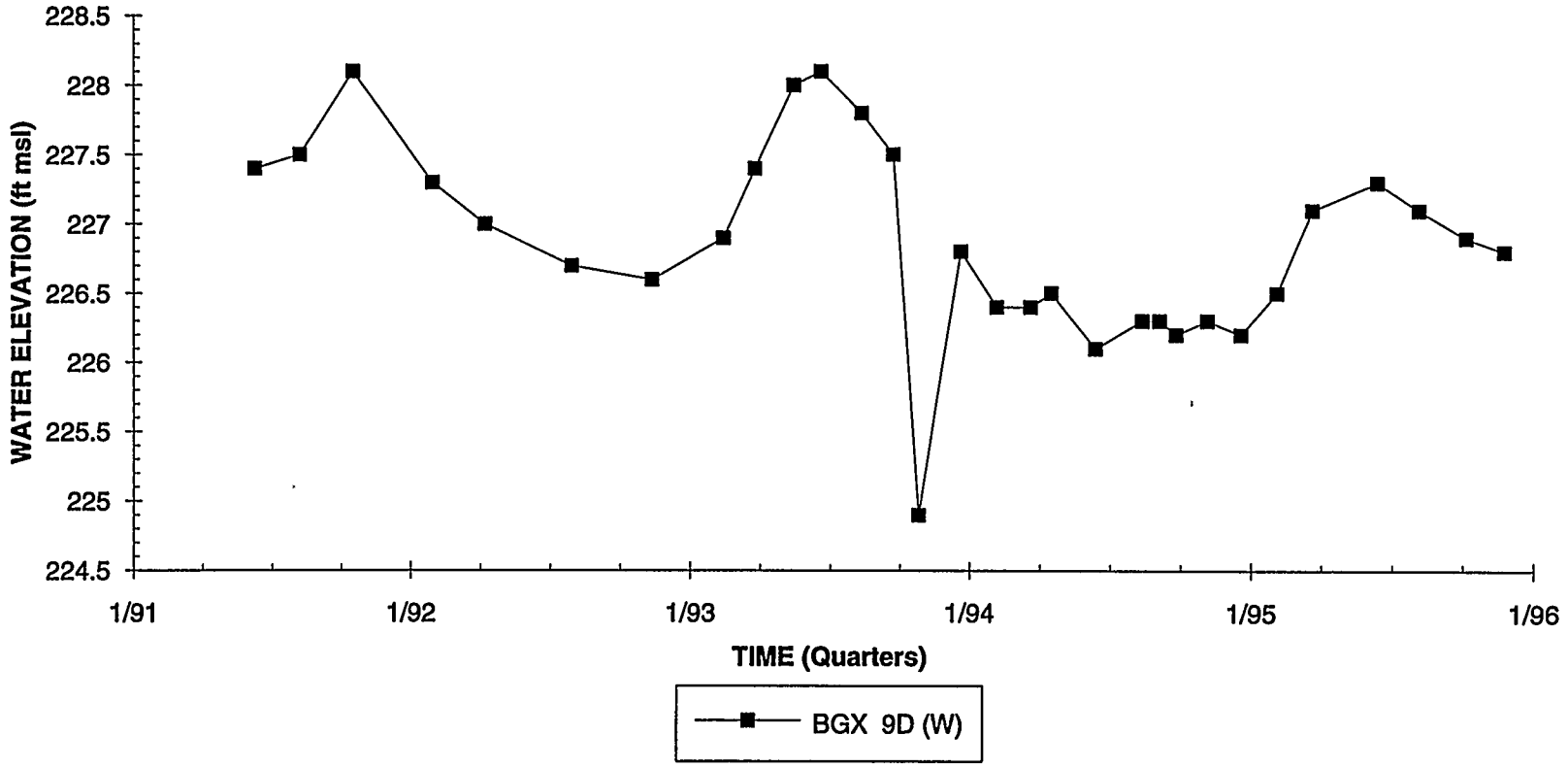


Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)



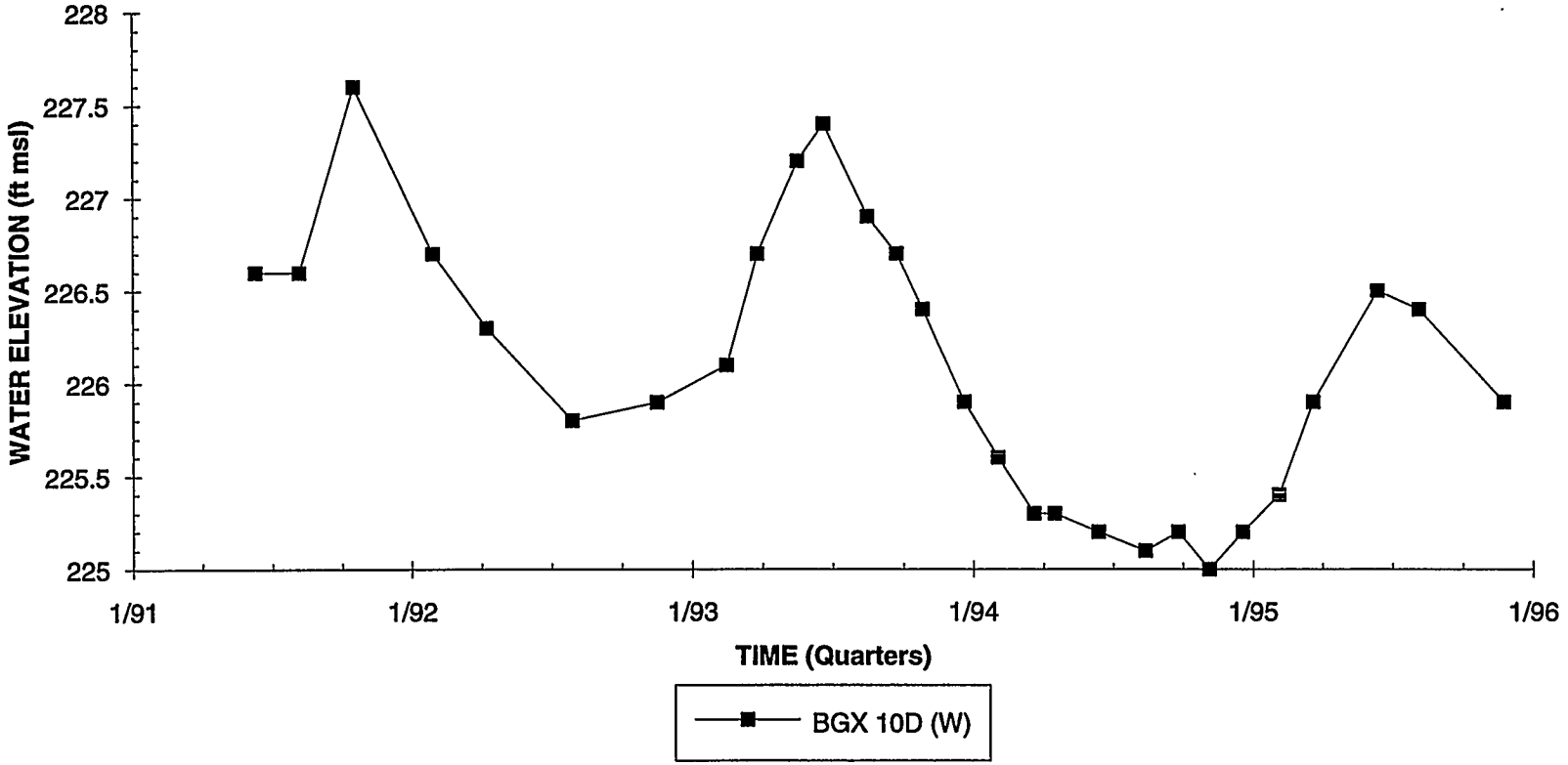
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well BGX 9D



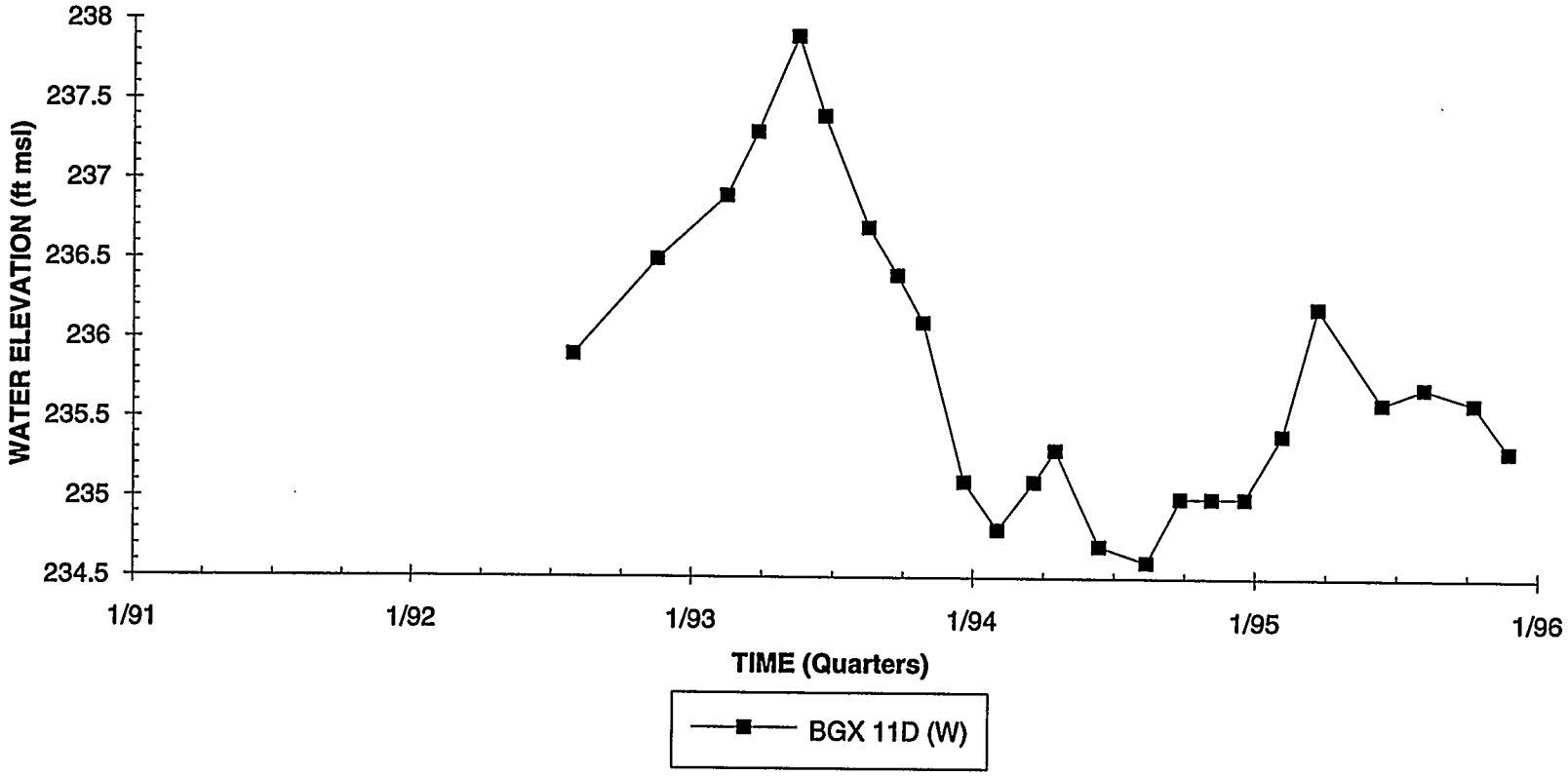
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well BGX 10D



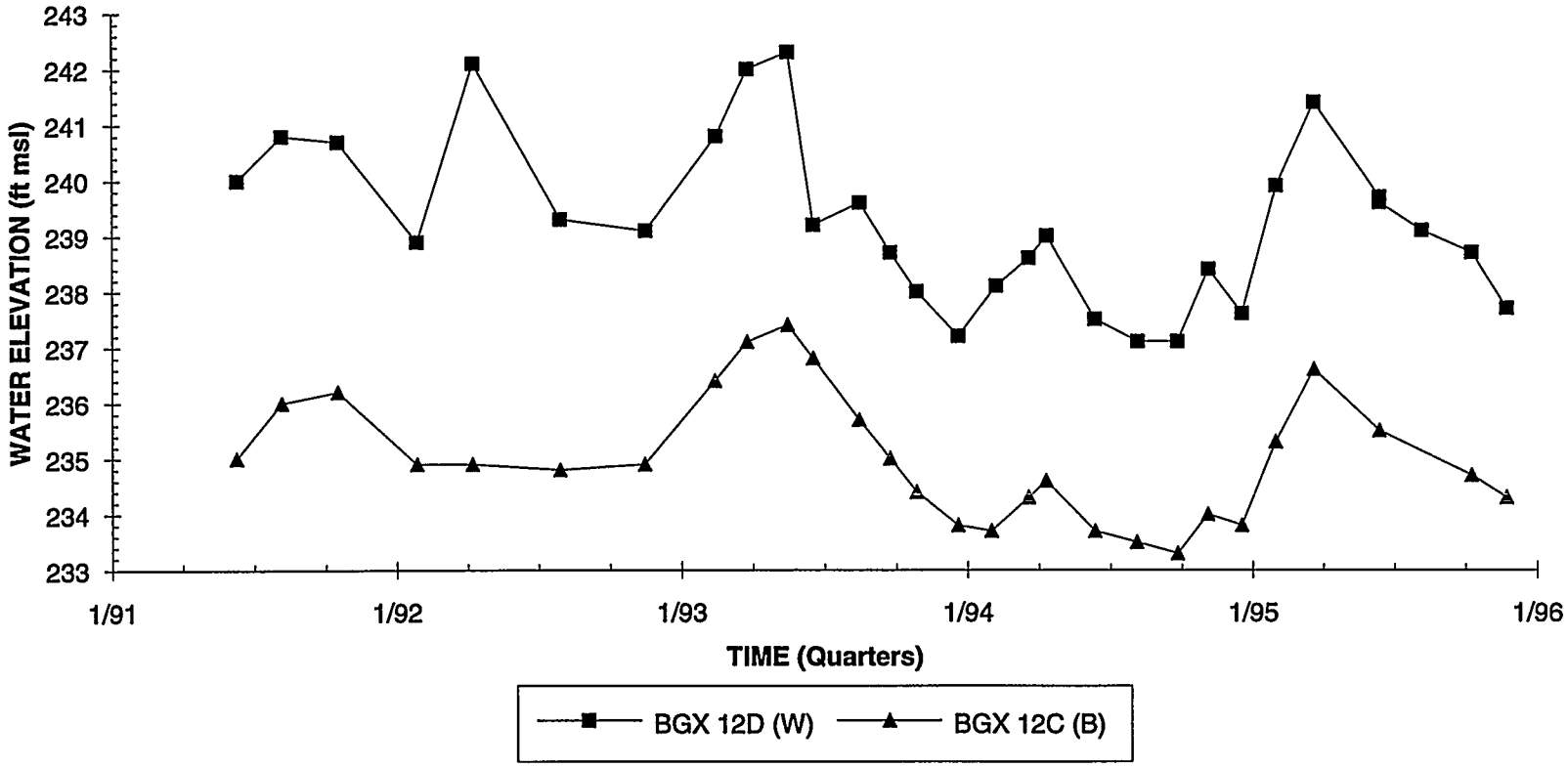
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well BGX 11D



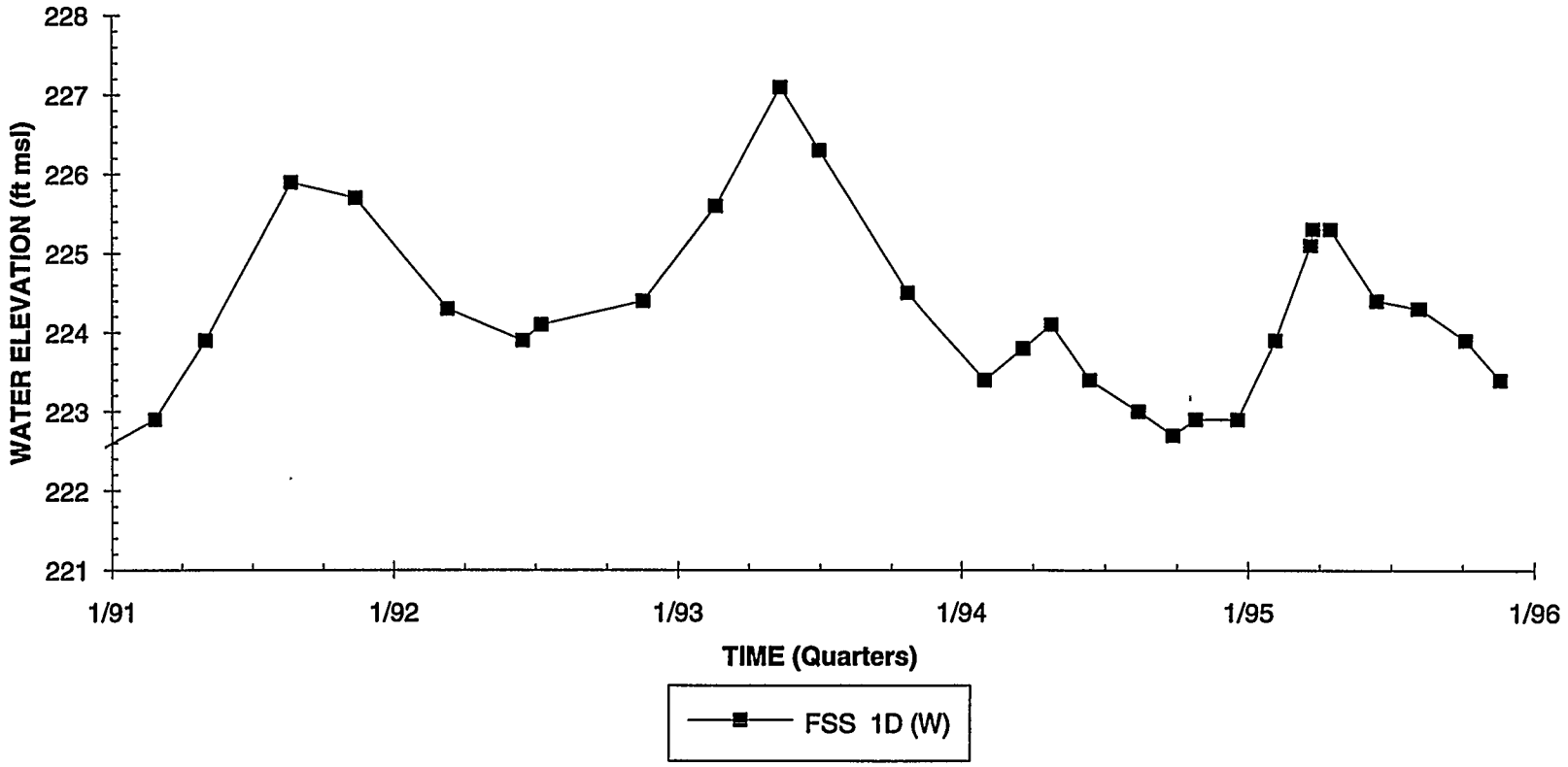
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well Cluster BGX 12



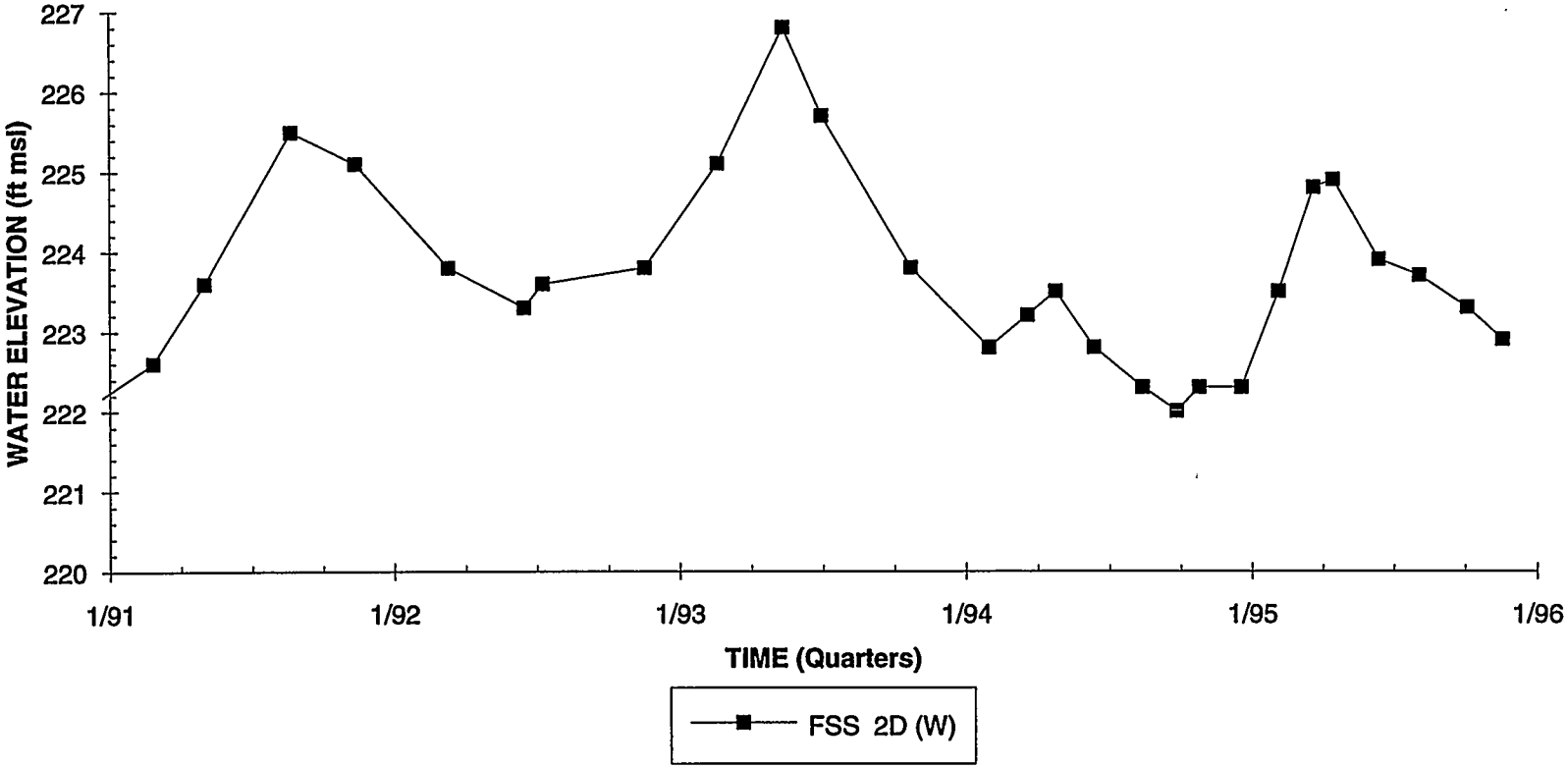
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well FSS 1D



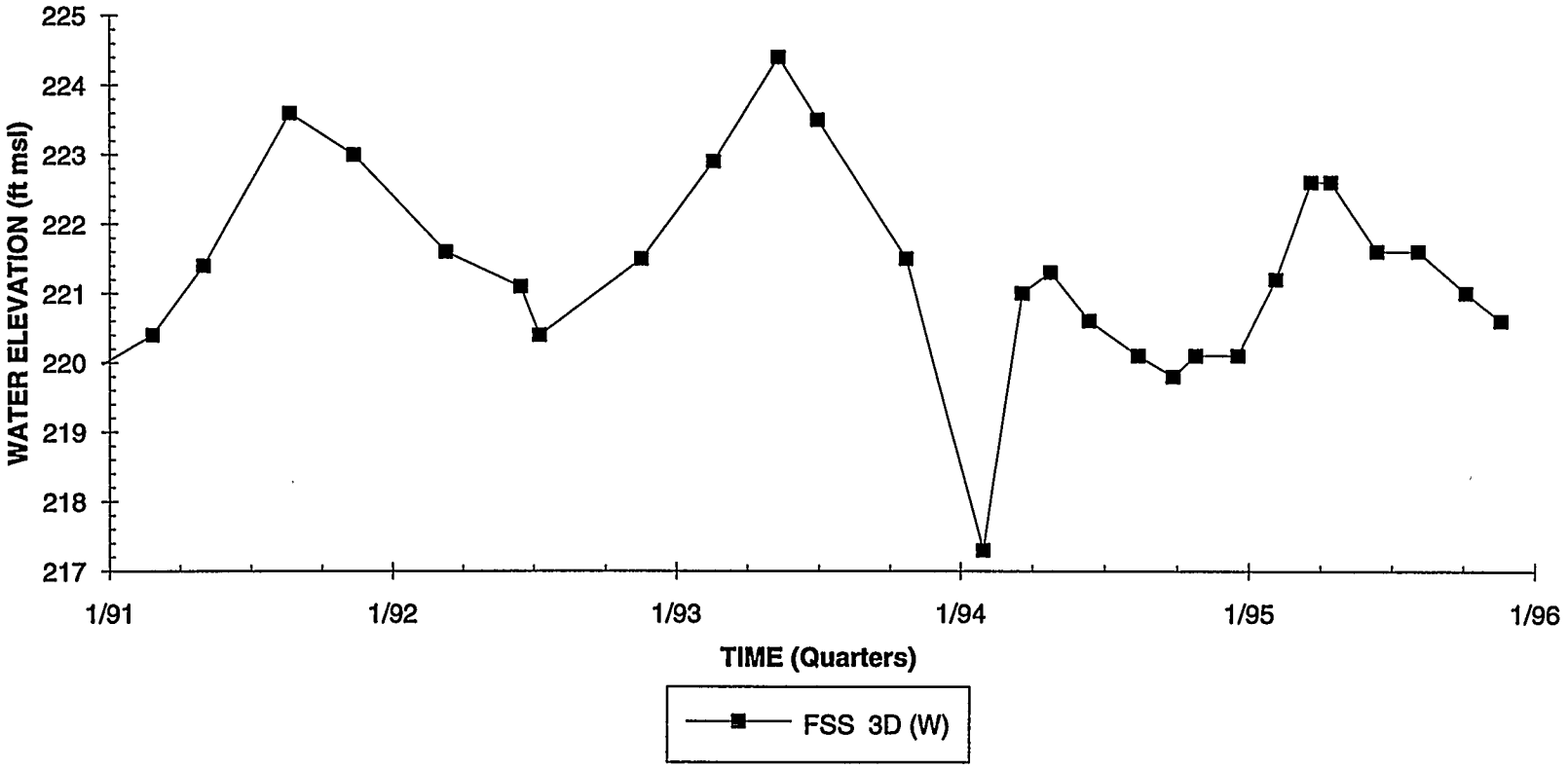
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well FSS 2D



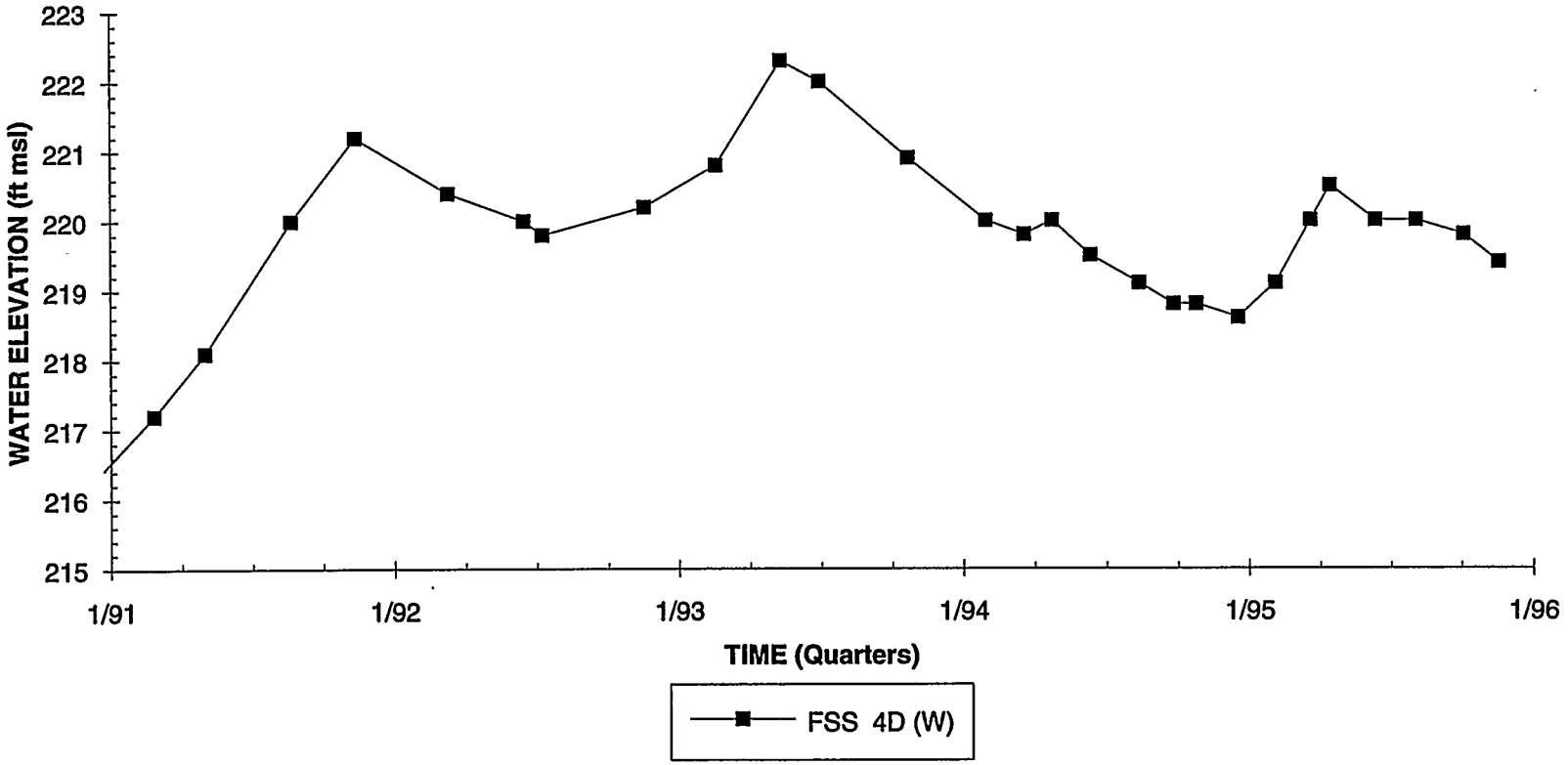
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well FSS 3D



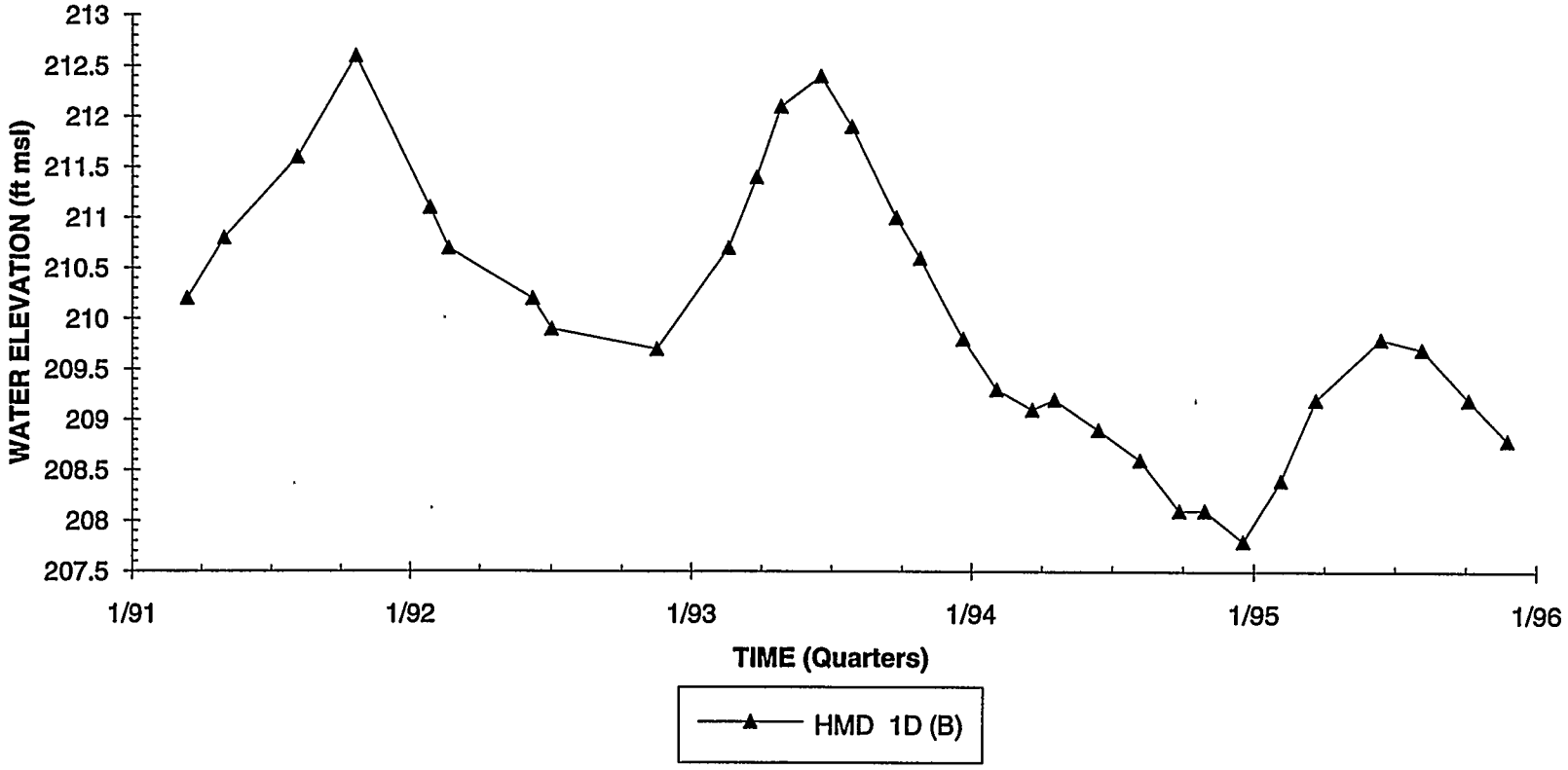
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well FSS 4D



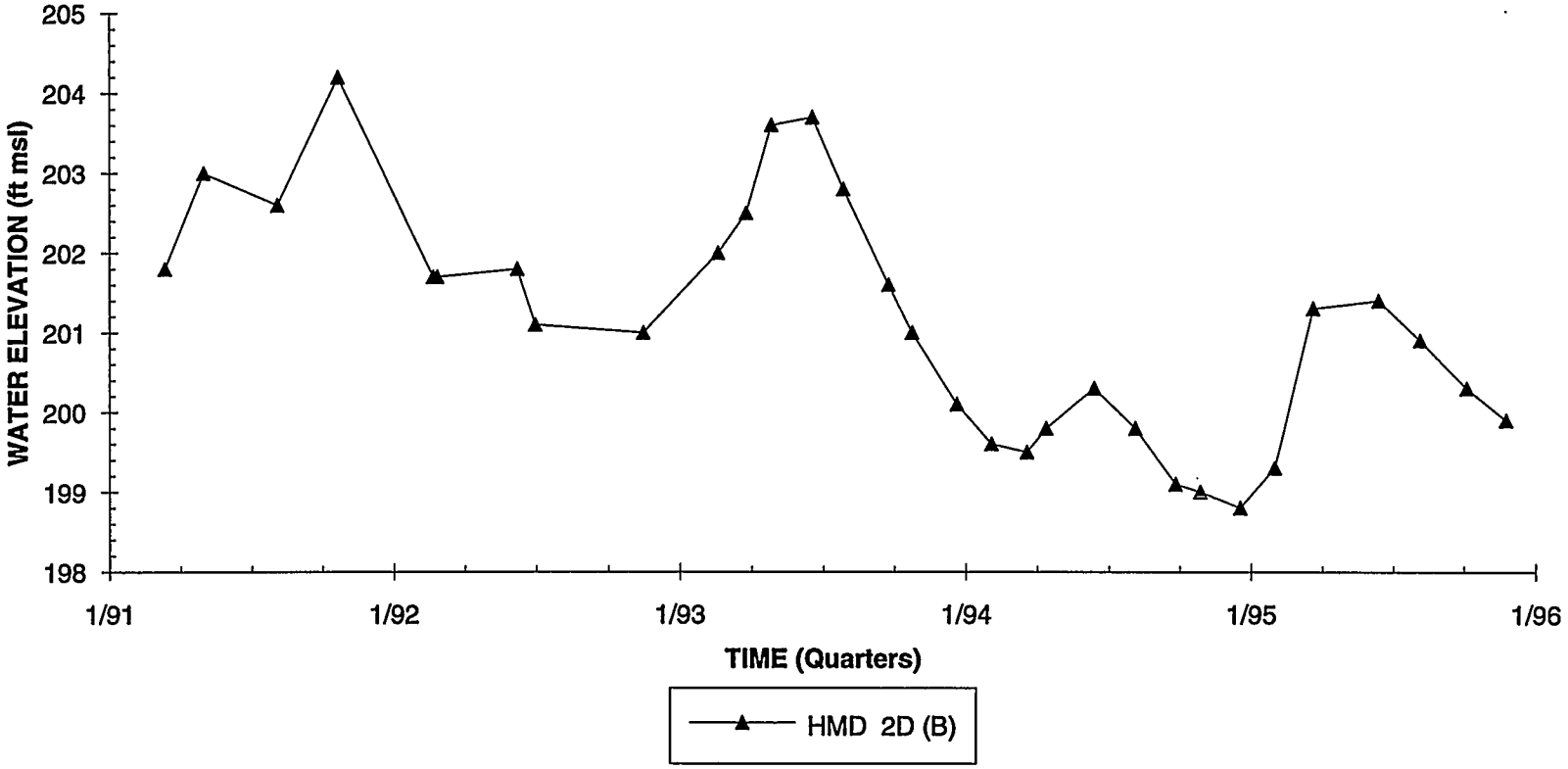
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well HMD 1D



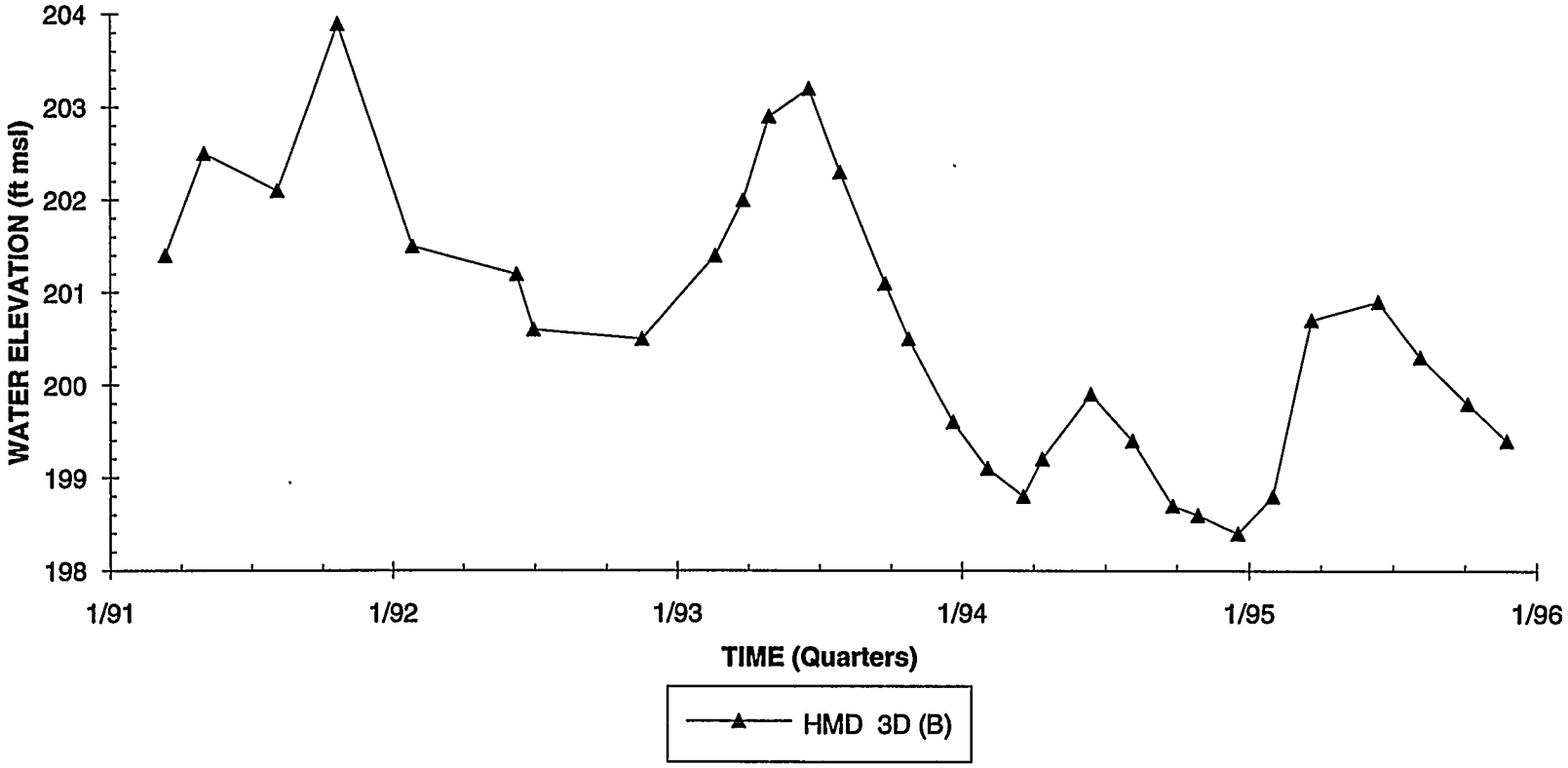
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well HMD 2D



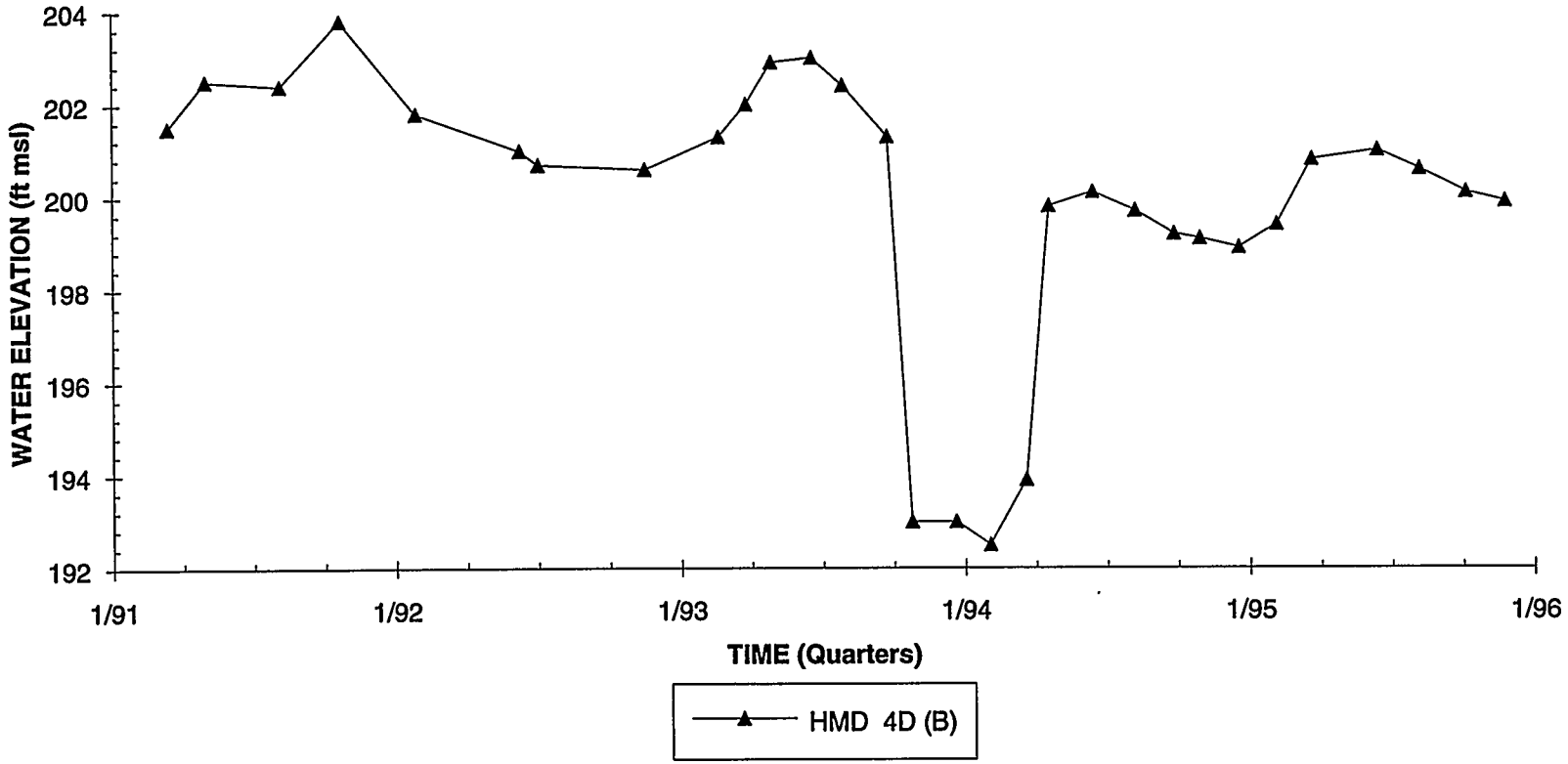
Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well HMD 3D



Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)

Hydrograph
Well HMD 4D



Note: W=Water Table (IIB2); B=Barnwell (IIB1); M=McBean (IIB1); UC=Upper Congaree (IIA); MC=Middle Congaree (IIA); LC=Lower Congaree (IIA)