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5. Title THE HEALTH PROTECTION DEPARTMENT ENVIRONMENTAL MONITORING: THE SAVANNAH RIVER SITE'S GROUNDWATER MONITORING PROGRAM FOURTH QUARTER 1988, BY ENVIRONMENTAL MONITORING HEALTH

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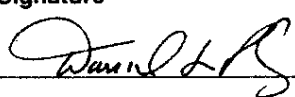
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SRS ORGANIZATION Environmental Technology Section

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CC: W. H. Carlton, 773-A  
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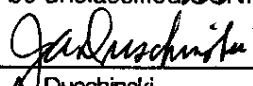
June 26, 1991

Ms. W. F. Perrin, Technical Information Officer  
U. S. Department of Energy  
Savannah River Operations Office  
Aiken, SC 29801

Dear Ms. Perrin:

REQUEST FOR APPROVAL TO RELEASE SCIENTIFIC/TECHNICAL INFORMATION

The attached document is submitted for classification and technical approvals for the purpose of external release. Please complete Part II of this letter and return the letter to the undersigned by 6/27/91. Patent clearance, if necessary, is requested and received via direct communications between this office and the DOE-SR Patent Counsel. The document has been reviewed for classification by a WSRC classification staff member and has been determined to be unclassified non.

  
J. A. Duschinski

WSRC Technical Information Manager

I. DETAILS OF REQUEST FOR RELEASE

HPR-89-193, "THE HEALTH PROTECTION DEPARTMENT ENVIRONMENTAL MONITORING: THE SAVANNAH RIVER SITE'S GROUNDWATER MONITORING PROGRAM FOURTH QUARTER 1988," (WSRC CONTACT W. H. CARLTON).

A report being sent to OSTI and for distribution to the general public.

Technical questions pertaining to the contents of this document should be addressed to the author(s) or

W. L. Marter, Manager  
Environmental Technology  
Savannah River Site

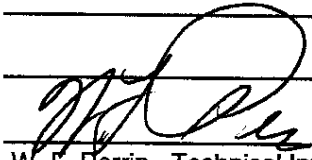
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II. DOE-SR ACTION

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W. F. Perrin, Technical Information Officer, DOE-SR

Date 7/3/91

**THE HEALTH PROTECTION DEPARTMENT  
ENVIRONMENTAL MONITORING**

**THE SAVANNAH RIVER SITE'S  
GROUNDWATER MONITORING PROGRAM**

**FOURTH QUARTER 1988**

**DOES NOT CONTAIN  
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Reviewing  
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*C. J. Bonick*  
Name and Title

Date:

*6/23/91*



**Westinghouse Savannah River Company  
Savannah River Site  
Aiken, South Carolina 29808**



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THE SAVANNAH RIVER SITE'S GROUNDWATER MONITORING PROGRAM

CONDUCTED BY

THE HEALTH PROTECTION DEPARTMENT

FOR

THE FOURTH QUARTER 1988

---

by

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

and

Exploration Resources  
Athens, Georgia



---

**Exploration Resources**

425 North Lumpkin Street, Athens, Georgia 30601



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## EXECUTIVE SUMMARY

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The Environmental Monitoring Group of the Health Protection Department administers the Savannah River Site's Groundwater Monitoring Program. During fourth quarter 1988 (October-December), routine sampling of monitoring wells and drinking water locations was performed. The drinking water samples were collected from Savannah River Site (SRS) drinking water systems supplied by wells.

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

All analytical results from fourth quarter 1988 are listed in this report, which is distributed to all waste-site custodians. There were 46 monitoring sites at which one or more parameters exceeded Flag 2. There were 20 monitoring sites at which parameters exceeded Flag 2 for the first time since 1984.

The drinking water samples were analyzed for radioactive constituents. The only radioactive constituent above the flagging criteria was gross alpha, which exceeded Flag 1 (5 pCi/L) at the following three drinking water locations: 221 H (5.69 pCi/L), 241-24H (6.51 pCi/L), and 772F (5.79 pCi/L).

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

# EXECUTIVE SUMMARY

## FOURTH QUARTER HP GROUNDWATER DATA ABOVE FLAGGING CRITERIA

<u>Site</u>	<u>Well Series</u>	<u>Parameters Exceeding Flag 2 Criteria</u>	
		<u>Fourth Quarter 1988</u>	<u>First Time Since 1984</u>

### 100 AREAS

#### C Area

C-Area Burning/Rubble Pit	CRP	pH	
C-Area Reactor Seepage Basins	CSB	pH, tritium	

#### K Area

K-Area Acid/Caustic Basin	KAC	Iron, manganese	Lead
K-Area Disassembly Basin	KDB	Trichloroethylene	
K-Area Reactor Seepage Basin	KSB	Tritium	
K-Area Retention Basin	KRB	Tritium	
K-Area Sludge Land Application Site	KSS*		Manganese

#### L Area

L-Area Reactor Seepage Basin	LSB	Tritium	
------------------------------	-----	---------	--

#### P Area

P-Area Acid/Caustic Basin	PAC		Manganese
P-Area Reactor Seepage Basins	PSB	Tritium	

#### R Area

Series D, between R-Area Reactor Seepage Basin 1 and R-Area Reactor Building	RSD	Nonvol. beta	
Series E, R-Area Reactor Seepage Basins	RSE	Gross alpha, nonvol. beta	

### 200 AREAS

#### General

Scattered around F Area and H Area	2		pH
---------------------------------------	---	--	----

#### F Area

F-Area Acid/Caustic Basin	FAC	Manganese	
F-Area Canyon Building	FCA	pH, tritium	

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



# EXECUTIVE SUMMARY

<u>Site</u>	<u>Well Series</u>	<u>Parameters Exceeding Flag 2 Criteria</u> <u>Fourth Quarter 1988</u>	<u>First Time Since 1984</u>
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## 200 AREAS (cont.)

### F Area (cont.)

F-Area Coal Pile Runoff Containment Basin	FCB	Total organic halogens	
F-Area Effluent Treatment Facility	FET		Iron, manganese
F-Area Seepage Basins	F	Nonvol. beta, tritium	
	FSB	Gross alpha, arsenic, barium, nonvol. beta, cadmium, chromium, copper, fluoride, iron, mercury, manganese, nitrate (as N), lead, pH, tetrachloroethylene, total radium, total organic halogens, tritium	
F-Area Sludge Land Application Site	FSS*		Manganese, pH, tritium
F-Area Tank Farm	FTF	Gross alpha, nonvol. beta, nitrate (as N), pH, tritium	
Old F-Area Seepage Basin	FNB	Gross alpha, nonvol. beta, manganese, nitrate (as N), total radium, tritium	Mercury

### H Area

H-Area Acid/Caustic Basin	HAC		Iron, manganese, sulfate, tritium
H-Area Auxiliary Pump Pit	HAP	Tritium	
H-Area Effluent Treatment Facility	HET		Iron, tritium
H-Area Retention Basin	HR8	Tritium	
H-Area Seepage Basins	H	Nonvol. beta, tritium	
	HSB	Gross alpha, nonvol. beta, iron, mercury, manganese, nickel, nitrate (as N), lead, pH, total radium, total organic halogens, tritium	Arsenic
H-Area Sludge Land Application Site	HSS*		Lead
H-Area Tank Farm	HTF	Tritium	
Old H-Area Retention Basin	HR3	Tritium	

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

# EXECUTIVE SUMMARY

Site	Well Series	Parameters Exceeding Flag 2 Criteria Fourth Quarter 1988	First Time Since 1984
200 AREAS (cont.)			
<u>S Area</u>			
S-Area Low Point Pump Pit	SLP	Manganese	
<u>Z Area</u>			
Z-Area Background Wells	ZBG		Aluminum, chromium, manganese
Z-Area Low Point Drain Tank	ZDT	Tritium	
300/700 AREAS			
A-Area Metals Burning Pit	ABP	Trichloroethylene	
Hazardous Waste Management Facility and Plume Definition Wells	MSB	Aluminum, cadmium, nitrate (as N), lead, pH, sulfate, tetrachloroethylene, total radium, trichloroethylene, zinc	Mercury
M-Area Recovery Wells	RWM	Aluminum, tetrachloroethylene, trichloroethylene	
Metallurgical Laboratory Seepage Basin	AMB	Total organic halogens, trichloroethylene	Iron, pH
Miscellaneous Chemical Basin	MCB	Tetrachloroethylene	
Motor Shop Oil Basin	AOB	Tetrachloroethylene, trichloroethylene	
Savannah River Laboratory Seepage Basins	ASB	Tetrachloroethylene	pH
400 AREA			
D-Area Coal Pile Runoff Containment Basin	DCB	Nonvol. beta, fluoride, iron, manganese, lead, pH, sulfate, total organic halogens, trichloroethylene	
600 AREAS			
<u>Burial Grounds</u>			
Burial Grounds	BG	Tritium	
Burial Grounds Perimeter Wells	BGO	Gross alpha, nonvol. beta, manganese, pH, total organic halogens, tritium	Silver, mercury, tetrachloroethylene, trichloroethylene
Monitoring Grid Wells for Burial Grounds	MGC	Tritium	
	MGE	Tritium	
	MGG	Tritium	

## EXECUTIVE SUMMARY

<u>Site</u>	<u>Well Series</u>	<u>Parameters Exceeding Flag 2 Criteria</u>	<u>First Time Since 1984</u>
		<u>Fourth Quarter 1988</u>	

### 600 AREAS (cont.)

#### General

Par Pond Sludge Land Application Site	PSS*		Iron, manganese, total organic halogens
Sewage Sludge Application Sites	SSS*		Gross alpha, iron, manganese, total radium, total organic halogens

#### TNX

Old TNX Seepage Basin	XSB	Carbon tetrachloride, manganese, nitrate (as N), lead, total organic halogens, trichloroethylene	pH
TNX Burying Ground	TBG*		Gross alpha, nonvol. beta, carbon tetrachloride, iron, mercury, manganese, nitrate (as N), tetrachloroethylene, total radium, total organic halogens, trichloroethylene

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



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## INTRODUCTION

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This report is a summary of the Savannah River Site's (SRS) groundwater monitoring program conducted by the Health Protection Department's Environmental Monitoring Group in the fourth quarter of 1988 and includes the analytical results, field data, and detailed documentation for this program. The purpose of this report is two-fold: to provide a historical record of the activities and rationale of the program and to provide an official document of the analytical results.

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

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

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

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

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



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## CORRECTIONS TO PREVIOUS QUARTERLY REPORTS

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### Corrections to the Third Quarter 1988 Report (HPR-88-489)

The following third quarter analytical result was corrected.

<u>Well</u>	<u>Sample Date</u>	<u>Analyte</u>	<u>Original Value</u>	<u>Corrected Value</u>
MSB 12TA	08/03/88	Nitrate (as N)	<0.05 mg/L	<2.0 mg/L

Carbon tetrachloride was mistakenly dropped from the Flagging Criteria table in the First Quarter 1988 Report (HPR-88-238), Second Quarter 1988 Report (HPR-88-300), and Third Quarter 1988 Report. It has been returned to the table in this report.





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## WELL ABANDONMENT

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The primary source of data for this section is the SRP Monitoring Well Abandonment Reports. Monitor Testing Corporation's Well Abandonment Reports are a secondary source. During fourth quarter 1988 Westinghouse and CBSEC, the oversight groups, maintained these records. Monitor Testing Corporation and Graves Well Drilling performed drilling activities.

### Second Quarter Abandonments

#### Burial Grounds

<u>Well</u>	<u>SRS Coordinates</u>		<u>Abandonment Completed</u>	<u>Reason</u>
	<u>North</u>	<u>East</u>		
BG 37	76804.9	57251.0	04/26/88	MWMF* closure

\* Mixed Waste Management Facility (MWMF).

### Third Quarter Abandonments

#### M-Area Plume Definition Wells

<u>Well</u>	<u>SRS Coordinates</u>		<u>Abandonment Completed</u>	<u>Reason</u>
	<u>North</u>	<u>East</u>		
MSB 23A	104314.9	49290.7	09/30/88	Possible grout seal leakage

### Fourth Quarter Abandonments

#### Burial Grounds

<u>Well</u>	<u>SRS Coordinates</u>		<u>Abandonment Completed</u>	<u>Reason</u>
	<u>North</u>	<u>East</u>		
BG 105	76124	59473	12/22/88	MWMF* closure
BG 222GR	-	-	11/18/88	MWMF closure
BG 420GR	-	-	11/29/88	MWMF closure
BG 422GR	-	-	11/21/88**	MWMF closure
BG 622GR	-	-	11/16/88	MWMF closure

\* Mixed Waste Management Facility (MWMF).

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

## WELL ABANDONMENT

### F-Area Sludge Land Application Site

<u>Well</u>	<u>SRS Coordinates</u>		<u>Abandonment Completed</u>	<u>Reason</u>
	<u>North</u>	<u>East</u>		
SSS 29	74960.2	53548.1	10/10/88*	Replaced by new well
SSS 30	75542.1	52869.5	10/11/88	Replaced by new well

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

### H-Area Sludge Land Application Site

<u>Well</u>	<u>SRS Coordinates</u>		<u>Abandonment Completed</u>	<u>Reason</u>
	<u>North</u>	<u>East</u>		
SSS 31	-	-	10/27/88	Replaced by new well
SSS 32	-	-	10/14/88	Replaced by new well
SSS 33	-	-	10/20/88	Replaced by new well

### K-Area Sludge Land Application Site

<u>Well</u>	<u>SRS Coordinates</u>		<u>Abandonment Completed</u>	<u>Reason</u>
	<u>North</u>	<u>East</u>		
SSS 13	47758.8	40220.3	11/03/88	Replaced by new well
SSS 14	46803.8	40438.4	11/03/88	Replaced by new well
SSS 15	46644.4	40749.2	11/08/88	Replaced by new well

### Par Pond Sludge Land Application Site

<u>Well</u>	<u>SRS Coordinates</u>		<u>Abandonment Completed</u>	<u>Reason</u>
	<u>North</u>	<u>East</u>		
SSS 16	36038.0	75910.3	11/10/88*	Replaced by new well
SSS 18	37298.2	75773.2	11/09/88	Replaced by new well

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

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## WELL MAINTENANCE

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The source of data for this section is well maintenance records kept by Ge-Hy Sampling of New Ellenton, SC, and Health Protection during fourth quarter 1988. Monitor Testing Corporation (MTC) performed all maintenance activities during fourth quarter 1988. Site names can be found in the Location Index by Well Series.

MTC pulled the pump from MSB 5A.

MTC installed a new pump in CCB 2 on 10/5/88 and a new pump in SRW 16A on 10/6/88.

MTC installed a new electrical assembly in P 29TD and a new pump and new electrical assembly in P 21D. These research wells are not part of the HP Ground-water Monitoring Program.

For the following wells, MTC disassembled the entire pump assembly, replaced worn or broken parts, sealed all connections with teflon tape, and reassembled the pump. MTC also checked and repaired any leaks in the reassembled pump.

ABW 1	CSA 1	FSB107D	HSB 84D
	CSA 2	FSB108D	HSB 85A
ACB 1A		FSB110D	HSB 85C
ACB 2A	CSO 1	FSB111C	HSB 86A
ACB 3A	CSO 2		HSB 86B
ACB 4A		HR3 11	HSB 86C
	FAC 4		HSB 86D
AOB 2		HR8 11	
	FSB 76	HR8 12	HWS 1A
ARP 1A	FSB 76C	HR8 13	HWS 2
ARP 3	FSB 79	HR8 14	
	FSB 79A		KAB 2
ASB 2A	FSB 79B	HSB 65A	KAB 3
ASB 3A	FSB 79C	HSB 65B	KAB 4
ASB 5A	FSB 87A	HSB 67	
ASB 6A	FSB 87C	HSB 68C	KAC 1
ASB 8	FSB 88C	HSB 69	KAC 2
ASB 8A	FSB 90C	HSB 70	KAC 3
ASB 8B	FSB 90D	HSB 71	KAC 4
ASB 8C	FSB 95C	HSB 83A	
ASB 8TA	FSB 98A	HSB 83B	KSB 1
ASB 9	FSB102C	HSB 83C	KSB 2
ASB 9B	FSB103C	HSB 84A	KSB 3
	FSB106C	HSB 84C	KSB 4A

## WELL MAINTENANCE

LFW 35	MSB 33TA	MSB 42TA	RSF 2
	MSB 35A	MSB 43A	RSF 3
LRP 1	MSB 35B	MSB 43B	
LRP 2	MSB 35D	MSB 43D	SRW 1
LRP 3	MSB 35TA	MSB 43TA	SRW 3A
LRP 4	MSB 37A	MSB 44A	SRW 4
	MSB 37B	MSB 44B	SRW 5
MSB 3A	MSB 37C	MSB 45A	SRW 6
MSB 6A	MSB 37D	MSB 45B	SRW 7
MSB 7A	MSB 37TA	MSB 48D	SRW 8
MSB 8A	MSB 39A	MSB 49B	SRW 9
MSB 11A	MSB 39B	MSB 49D	SRW 9A
MSB 11C	MSB 41A	MSB 51B	SRW 10
MSB 17B	MSB 41B	MSB 51D	SRW 11
MSB 29A	MSB 41C	MSB 52B	SRW 12A
MSB 29B	MSB 41D	MSB 52D	SRW 12B
MSB 29D	MSB 41TA	MSB 53D	SRW 12C
MSB 29TA	MSB 42A		SRW 14A
MSB 33A	MSB 42B	NBG 2	SRW 14B
MSB 33B	MSB 42C	NBG 5	SRW 14C
MSB 33C	MSB 42D		
		PCB 1A	

For the following wells, MTC repaired leaks and replaced worn or broken parts.

FSB 76B	LFW 37	MSB 17C	PCB 3A
FSB 77		MSB 20A	
FSB 78	MSB 1A	MSB 22	RSE 24
FSB 78A	MSB 2A	MSB 33A	RSE 25
FSB 78B	MSB 5A	MSB 33B	
FSB 78C	MSB 9A	MSB 33C	RSF 1
FSB 79A	MSB 10A	MSB 33TA	
FSB 87B	MSB 10B	MSB 49D	SRW 9B
	MSB 11B	MSB 53D	SRW 13A
HSB126C	MSB 11D		SRW 13B
	MSB 14A	P 25TD*	SRW 16A
KAB 1	MSB 14B		SRW 16B
	MSB 14C	PAC 5	SRW 16C
LFW 22	MSB 17A	PAC 6	SRW 12B
LFW 30			

\* This research well is not part of the HP Groundwater Monitoring Program.

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## WELL CONSTRUCTION

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

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

Westinghouse and CH2M Hill, the oversight groups, maintained these reports during fourth quarter 1988. Monitor Testing Corporation (MTC) conducted all drilling activities during fourth quarter 1988.

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

Geologic characteristics for all new wells this quarter were logged during drilling. All depths and measurements given under the heading Placement in the Well Construction section are from ground level. Casings were cut off or increased to 2.5 ft above ground level after installation. However, because of construction activities, the final distances between top of casing and ground vary. The actual distances between top of casing and ground will be reported in the Surveying section as surveying data are received. The length of the sump includes the plug.

## WELL CONSTRUCTION

### AMB Series Metallurgical Laboratory Seepage Basin

Wells in the AMB Series were drilled by mud rotary drilling except AMB 7, which was drilled by wireline coring and then reamed. Neither a ready for sampling date nor a Du Pont acceptance date was given for these wells.

#### AMB 4

Drilling began 09/02/88; construction officially began 09/02/88; grouting was completed 09/08/88; no pump data were given. The total depth of the boring is 165 ft from ground level. The borehole diameter is 9.9 in. Geophysical logging was conducted.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	138.3	0-135.8
Screen	4" .015 slot PVC	20.0	135.8-155.8
Sump	4" PVC	5.5	155.8-161.3

#### AMB 5

Drilling began 09/07/88; construction officially began 09/07/88; grouting was completed 09/14/88; no pump data were given. The total depth of the boring is 165 ft from ground level. The borehole diameter is 9.9 in. Geophysical logging was conducted.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	138	0-135.5
Screen	4" .015 slot PVC	20.0	135.5-155.5
Sump	4" PVC	5.4	155.5-160.9

#### AMB 6

Drilling began 09/13/88; construction officially began 09/13/88; grouting was completed 09/15/88; no pump data were given. The total depth of the boring is 165 ft from ground level. The borehole diameter is 9.9 in. Geophysical logging was conducted.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	135	0-132.5
Screen	4" .015 slot PVC	20.0	132.5-152.5
Sump	4" PVC	5.5	152.5-158.0

## WELL CONSTRUCTION

AMB 7

Drilling began 08/23/88; construction officially began 08/23/88; grouting was completed 09/06/88; no pump installation date was given. The total depth of the boring is 156 ft from ground level. The borehole diameter is 9.9 in. Geophysical logging was conducted.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	128.5	0-126.0
Screen	4" .015 slot PVC	20.0	126.0-146.0
Sump	4" PVC	5.3	146.0-151.3
Pump	Grundfos SP 2-12	N/A	Not reported

### FSS Series

#### F-Area Sludge Land Application Site

Wells in the FSS Series were drilled by mud rotary drilling. FSS 1D was ready for sampling 10/27/88. FSS 3D and FSS 4D were ready for sampling 10/28/88. No ready for sampling date was given for FSS 2D. These wells were accepted by Du Pont 12/05/88.

#### FSS 1D

Drilling began 10/05/88; construction officially began 10/05/88; grouting was completed 10/06/88; the pump was installed 10/27/88. The total depth of the boring is 62 ft from ground level. The borehole diameter is 9.9 in.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	36.5	0-34.0
Screen	4" .015 slot PVC	20.0	34.0-54.0
Sump	4" PVC	5.4	54.0-59.4
Pump	Grundfos SP 2-12	N/A	52.5 (intake)

#### FSS 2D

Drilling began 10/06/88; construction officially began 10/07/88; grouting was completed 10/07/88; the pump was installed 10/27/88. The total depth of the boring is 62 ft from ground level. The borehole diameter is 9.9 in.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	37.5	0-35.0
Screen	4" .015 slot PVC	20.0	35.0-55.0
Sump	4" PVC	5.4	55.0-60.4
Pump	Grundfos SP 2-12	N/A	53.5 (intake)

## WELL CONSTRUCTION

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### FSS 3D

Drilling began 10/10/88; construction officially began 10/10/88; grouting was completed 10/10/88; the pump was installed 10/28/88. The total depth of the boring is 60 ft from ground level. The borehole diameter is 9.9 in.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	32.5	0-30.0
Screen	4" .010 slot PVC	20.0	30.0-50.0
Sump	4" PVC	5.4	50.0-55.4
Pump	Grundfos SP 2-12	N/A	48.0 (intake)

### FSS 4D

Drilling began 10/12/88; construction officially began 10/12/88; grouting was completed 10/16/88; the pump was installed 10/28/88. The total depth of the boring is 97 ft from ground level. The borehole diameter is 9.9 in.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	69.7	0-67.2
Screen	4" .010 slot PVC	20.0	67.2-87.2
Sump	4" PVC	5.4	87.2-92.6
Pump	Grundfos SP 2-12	N/A	85.5 (intake)

### HSS Series

#### H-Area Sludge Land Application Site

Wells in the HSS Series were drilled by mud rotary drilling. No ready for sampling date was given for HSS 1D. HSS 2D and HSS 3D were ready for sampling 11/22/88. These wells were accepted by Du Pont 12/05/88.

### HSS 1D

Drilling began 10/21/88; construction officially began 10/21/88; grouting was completed 10/29/88; no pump installation date was given. The total depth of the boring is 80 ft from ground level. The borehole diameter is 9.9 in.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	54.0	0-51.5
Screen	4" .014 slot PVC	20.0	51.5-71.5
Sump	4" PVC	5.3	71.5-76.8
Pump	Grundfos SP 2-12	N/A	Not reported



## WELL CONSTRUCTION

### HSS 2D

Drilling began 10/17/88; construction officially began 10/19/88; a grouting completion date was not given; the pump was installed 11/22/88. The total depth of the boring is 77 ft from ground level. The borehole diameter is 12 in.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	50.3	0-47.8
Screen	4" .010 slot PVC	20.0	47.8-67.8
Sump	4" PVC	5.4	67.8-73.2
Pump	Grundfos SP 2-12	N/A	60.5 (intake)

### HSS 3D

Drilling began 10/26/88; construction officially began 10/26/88; grouting was completed 10/27/88; the pump was installed 11/22/88. The total depth of the boring is 51 ft from ground level. The borehole diameter is 12 in.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	28	0-25.5
Screen	4" .014 slot PVC	20.1	25.5-45.6
Sump	4" PVC	5.3	45.6-50.9
Pump	Grundfos SP 2-12	N/A	43.5 (intake)

### KSS Series

#### K-Area Sludge Land Application Site

Wells in the KSS Series were drilled by mud rotary drilling. KSS 1D was ready for sampling 11/23/88. KSS 2D and KSS 3D were ready for sampling 11/22/88. These wells were accepted by Du Pont 12/05/88.

### KSS 1D

Drilling began 10/28/88; construction officially began 10/28/88; grouting was completed 11/04/88; the pump was installed 11/23/88. The total depth of the boring is 79 ft from ground level. The borehole diameter is 12 in.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	53.1	0-50.6
Screen	4" .014 slot PVC	20.1	50.6-70.7
Sump	4" PVC	5.3	70.7-76.0
Pump	Grundfos SP 2-12	N/A	69.0 (intake)

## WELL CONSTRUCTION

### KSS 2D

Drilling began 11/04/88; construction officially began 11/03/88; grouting was completed 11/07/88; the pump was installed 11/22/88. The total depth of the boring is 52 ft from ground level. The borehole diameter is 12 in.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	28.2	0-25.7
Screen	4" .016 slot PVC	20.1	25.7-45.8
Sump	4" PVC	5.3	45.8-51.1
Pump	Grundfos SP 2-12	N/A	43.5 (intake)

### KSS 3D

Drilling began 11/04/88; construction officially began 11/04/88; grouting was completed 11/08/88; the pump was installed 11/22/88. The total depth of the boring is 55 ft from ground level. The borehole diameter is 12 in.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	26.4	0-23.9
Screen	4" .016 slot PVC	20.0	23.9-43.9
Sump	4" PVC	5.3	43.9-49.2
Pump	Grundfos SP 2-12	N/A	42.5 (intake)

### PSS Series

#### Par Pond Sludge Land Application Site

Wells in the PSS Series were drilled by mud rotary drilling. These wells were ready for sampling 11/30/88. PSS 1D and PSS 3D were accepted by Du Pont 12/05/88. No Du Pont acceptance date was given for PSS 2D.

### PSS 1D

Drilling began 11/09/88; construction officially began 11/09/88; grouting was completed 11/14/88; the pump was installed 11/30/88. The total depth of the boring is 44 ft from ground level. The borehole diameter is 12 in.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	17.9	0-15.4
Screen	4" .016 slot PVC	20.0	15.4-35.4
Sump	4" PVC	5.4	35.4-40.8
Pump	Grundfos SP 2-12	N/A	35.5 (intake)

## WELL CONSTRUCTION

### PSS 2D

Drilling began 11/10/88; construction officially began 11/10/88; grouting was completed 11/14/88; the pump was installed 11/30/88. The total depth of the boring is 63 ft from ground level. The borehole diameter is 12 in.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	32.0	0-29.5
Screen	4" .016 slot PVC	20.0	29.5-49.5
Sump	4" PVC	5.4	49.5-54.9
Pump	Grundfos SP 2-12	N/A	47.5 (intake)

### PSS 3D

Drilling began 11/11/88; construction officially began 11/11/88; grouting was completed 11/14/88; the pump was installed 11/30/88. The total depth of the boring is 63 ft from ground level. The borehole diameter is 9.9 in.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	35.8	0-33.3
Screen	4" .016 slot PVC	20.0	33.3-53.3
Sump	4" PVC	5.4	53.3-58.7
Pump	Grundfos SP 2-12	N/A	47.5 (intake)

### TBG Series TNX Burying Ground

Wells in the TBG Series were drilled by mud rotary drilling except for TBG 3 and TBG 7, which were drilled by auger, mud rotary, and reaming. Most of these wells were ready for sampling 12/21/88 or 12/22/88; no ready for sampling date was given for TBG 3 and TBG 4. These wells were accepted by Du Pont 1/13/89.

### TBG 1

Drilling began 09/20/88; construction officially began 09/20/88; grouting was completed 09/21/88; the pump was installed 12/21/88. The total depth of the boring is 70 ft from ground level. The borehole diameter is 9.9 in. Geophysical logging was conducted.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	42.5	0-40.0
Screen	4" .015 slot PVC	20.0	40.0-60.0
Sump	4" PVC	5.5	60.0-65.5
Pump	Grundfos SP 2-12	N/A	59.5 (intake)

## WELL CONSTRUCTION

### TBG 3

Drilling began 09/02/88; construction officially began 09/02/88; grouting was completed 09/14/88; the pump was installed 12/21/88. The total depth of the boring is 70 ft from ground level. The borehole diameter is 9.9 in. Geophysical logging was conducted.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	42.5	0-40.0
Screen	4" .015 slot PVC	20.0	40.0-60.0
Sump	4" PVC	5.5	60.0-65.5
Pump	Grundfos SP 2-12	N/A	59.5 (intake)

### TBG 4

Drilling began 09/15/88; construction officially began 09/15/88; grouting was completed 09/19/88; the pump was installed 12/21/88. The total depth of the boring is 70 ft from ground level. The borehole diameter is 9.9 in. Geophysical logging was conducted.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	42.5	0-40.0
Screen	4" .015 slot PVC	20.0	40.0-60.0
Sump	4" PVC	5.5	60.0-65.5
Pump	Grundfos SP 2-12	N/A	59.5 (intake)

### TBG 5

Drilling began 08/29/88; construction officially began 08/29/88; grouting was completed 09/01/88; the pump was installed 12/21/88. The total depth of the boring is 70 ft from ground level. The borehole diameter is 9.9 in. Geophysical logging was conducted.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	37.5	0-35.0
Screen	4" .015 slot PVC	20.0	35.0-55.0
Sump	4" PVC	5.5	55.0-60.5
Pump	Grundfos SP 2-12	N/A	55.0 (intake)

## WELL CONSTRUCTION

### TBG 6

Drilling began 09/08/88; construction officially began 09/08/88; grouting was completed 09/12/88; the pump was installed 12/22/88. The total depth of the boring is 70 ft from ground level. The borehole diameter is 9.9 in. Geophysical logging was conducted.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	39.3	0-36.8
Screen	4" .015 slot PVC	20.0	36.8-56.8
Sump	4" PVC	5.5	56.8-62.3
Pump	Grundfos SP 2-12	N/A	56.2 (intake)

### TBG 7

Drilling began 09/02/88; construction officially began 09/02/88; grouting was completed 09/07/88; the pump was installed 12/22/88. The total depth of the boring is 70 ft from ground level. The borehole diameter is 9.9 in. Geophysical logging was conducted.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	42.5	0-40.0
Screen	4" .015 slot PVC	20.0	40.0-60.0
Sump	4" PVC	5.5	60.0-65.5
Pump	Grundfos SP 2-12	N/A	59.9 (intake)



## WELL STABILIZATION

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

### AMB 4

December 3, 1988

One well volume = 7.8 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (<math>\mu</math>mhos/cm)</u>	<u>Water Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	6.8	183	18.4	Clear; dry after 1 gal (1536 hrs)

December 4, 1988 (0935 hrs)

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (<math>\mu</math>mhos/cm)</u>	<u>Water Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	6.7	142	17.0	Moderately turbid; light brown

### AMB 5

December 3, 1988

One well volume = 8.8 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (<math>\mu</math>mhos/cm)</u>	<u>Water Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	6.0	122	18.1	Clear; grass; plastic
1	5.8	75	18.1	Moderately turbid; brown; surges
2	5.7	75	18.4	Strongly turbid; yellow brown; surges
3	5.8	72	18.5	Moderately turbid; yellow brown; surges
4	5.9	78	18.4	Strongly turbid; yellow brown; surges
5	5.9	74	18.5	Moderately turbid; yellow brown; surges
6	5.8	70	18.5	Moderately turbid; yellow brown; surges

## WELL STABILIZATION

### AMB 5 (cont.)

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (<math>\mu</math>mhos/cm)</u>	<u>Water Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
7	5.8	67	18.5	Moderately turbid; yellow brown; surges
8	5.9	73	18.5	Moderately turbid; yellow brown; surges
9	5.8	67	18.5	Moderately turbid; yellow brown; surges
10	5.8	65	18.5	Moderately turbid; yellow brown; surges
11	5.8	64	18.5	Moderately turbid; yellow brown; surges

### AMB 6

December 3, 1988

One well volume = 8.5 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (<math>\mu</math>mhos/cm)</u>	<u>Water Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	8.4	311	18.2	Moderately turbid; yellow brown; plastic; dry after 1.5 gal (1649 hrs)

December 4, 1988 (1030 hrs)

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (<math>\mu</math>mhos/cm)</u>	<u>Water Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	8.5	310	17.9	Strongly turbid; yellow brown

### AMB 7

December 3, 1988

One well volume = 9.5 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (<math>\mu</math>mhos/cm)</u>	<u>Water Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	6.9	227	18.3	Weakly turbid; light brown; grass; dry after 2 gal (1521 hrs)

December 4, 1988 (0900 hrs)

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (<math>\mu</math>mhos/cm)</u>	<u>Water Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	7.4	232	16.5	Moderately turbid; light brown; grass



## WELL STABILIZATION

### DCB 13

December 11, 1988

One well volume = 9.0 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (<math>\mu</math>mh/cm)</u>	<u>Water Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	5.9	470	19.2	Clear; odor; dry after 3 gal (0951 hrs)

December 11, 1988 (1505 hrs)

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (<math>\mu</math>mh/cm)</u>	<u>Water Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	5.4	270	18.1	Odor

### DCB 14

December 10, 1988

One well volume = 13.0 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (<math>\mu</math>mh/cm)</u>	<u>Water Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	4.3	8,800	20.4	Clear; odor; foam
1	4.1	10,200	21.4	Moderately turbid; medium brown gray; odor
2	4.1	9,100	21.6	Very weakly turbid; very light green gray; surges
3	4.2	8,400	21.6	Very weakly turbid; very light green gray; surges
4	4.2	7,000	21.7	Very weakly turbid; very light green gray; surges; odor
5	4.2	7,100	21.9	Very weakly turbid; very light green gray; surges

### DCB 15

December 10, 1988

One well volume = 9 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (<math>\mu</math>mh/cm)</u>	<u>Water Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	5.6	320	18.1	Weakly turbid; light green gray; dry after 4 gal (1740 hrs)

December 11, 1988 (1410 hrs)

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (<math>\mu</math>mh/cm)</u>	<u>Water Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	5.5	350	16.9	Weakly turbid; light green gray; weak odor

## WELL STABILIZATION

DCB 16

December 10, 1988

One well volume = 10 gal

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(<math>\mu</math>mhos/cm)</u>	<u>Water</u> <u>Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	6.9	830	19.3	Very weakly turbid; very light yellow brown; dry after 4 gal (1731 hrs)

December 11, 1988 (1345 hrs)

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(<math>\mu</math>mhos/cm)</u>	<u>Water</u> <u>Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	6.8	840	18.1	Moderately turbid; medium yellow brown

FAC 5

December 13, 1988

One well volume = 5.5 gal

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(<math>\mu</math>mhos/cm)</u>	<u>Water</u> <u>Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	5.7	76	18.5	Clear
1	5.8	84	17.6	Strongly turbid; brown; dry after 10 gal (1828 hrs)

December 14, 1988 (1750 hrs)

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(<math>\mu</math>mhos/cm)</u>	<u>Water</u> <u>Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	5.3	100	18.9	Strongly turbid; light brown

FAC 6

December 13, 1988

One well volume = 8 gal

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(<math>\mu</math>mhos/cm)</u>	<u>Water</u> <u>Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	5.5	47	18.4	Very weakly turbid; light brown; dry after 4.4 gal (1713 hrs)

December 14, 1988 (1650 hrs)

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(<math>\mu</math>mhos/cm)</u>	<u>Water</u> <u>Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	5.8	52	15.9	Very weakly turbid; light brown

# WELL STABILIZATION

## FAC 7

December 13, 1988

One well volume = 5.2 gal

Well Vol.	pH	Sp. Cond. ( $\mu$ mh/cm)	Water Temp. ( $^{\circ}$ C)	Comments
0	7.6	124	19.0	Strongly turbid; tan; dry after 4.4 gal (1720 hrs)

December 14, 1988 (1710 hrs)

Well Vol.	pH	Sp. Cond. ( $\mu$ mh/cm)	Water Temp. ( $^{\circ}$ C)	Comments
0	6.0	122	18.8	Strongly turbid; light brown

## FAC 8

December 13, 1988

One well volume = 8.9 gal

Well Vol.	pH	Sp. Cond. ( $\mu$ mh/cm)	Water Temp. ( $^{\circ}$ C)	Comments
0	5.1	35	18.3	Very weakly turbid; very light brown
1	6.1	58	18.6	Strongly turbid; brown; dry after 13.1 gal (1820 hrs)

December 14, 1988 (1735 hrs)

Well Vol.	pH	Sp. Cond. ( $\mu$ mh/cm)	Water Temp. ( $^{\circ}$ C)	Comments
0	5.8	54	18.8	Moderately turbid; medium red brown

## FET 1D

December 10, 1988

One well volume = 12 gal

Well Vol.	pH	Sp. Cond. ( $\mu$ mh/cm)	Water Temp. ( $^{\circ}$ C)	Comments
0	6.6	139	18.5	Clear
1	5.7	73	19.4	Dry after 17 gal (1315 hrs)

December 11, 1988 (1120 hrs)

Well Vol.	pH	Sp. Cond. ( $\mu$ mh/cm)	Water Temp. ( $^{\circ}$ C)	Comments
0	5.7	54	14.7	None

## WELL STABILIZATION

### FET 2D

December 10, 1988

One well volume = 11 gal

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(<math>\mu</math>mhos/cm)</u>	<u>Water</u> <u>Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	6.3	178	18.3	Very weakly turbid; very light brown
1	5.0	50	18.9	Very weakly turbid; very light brown
2	5.0	50	19.0	Clear
3	4.9	49	18.8	Clear
4	4.9	51	19.2	Clear

### FET 3D

December 10, 1988

One well volume = 15 gal

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(<math>\mu</math>mhos/cm)</u>	<u>Water</u> <u>Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	6.3	104	17.3	Clear
1	5.4	49	18.2	Clear
2	5.4	47	18.4	Clear
3	5.4	47	18.9	Clear
4	5.4	47	19.1	Clear

### FET 4D

December 10, 1988

One well volume = 14 gal

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(<math>\mu</math>mhos/cm)</u>	<u>Water</u> <u>Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	6.3	88	18.6	Clear
1	5.2	45	18.6	Clear; surges
2	5.2	47	19.9	Clear
3	5.2	47	20.1	Clear
4	5.1	47	19.8	Clear

### FSS 1D

December 7, 1988

One well volume = 8 gal

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(<math>\mu</math>mhos/cm)</u>	<u>Water</u> <u>Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	11.9	1,170	16.0	Clear; dry after 7 gal (1303 hrs)

# WELL STABILIZATION

## FSS 1D (cont.)

December 8, 1988 (1205 hrs)

Well Vol.	pH	Sp. Cond. ( $\mu$ mhos/cm)	Water Temp. ( $^{\circ}$ C)	Comments
0	12.0	1,900	20.7	Moderately turbid; medium red brown

## FSS 2D

December 7, 1988

One well volume = 11 gal

Well Vol.	pH	Sp. Cond. ( $\mu$ mhos/cm)	Water Temp. ( $^{\circ}$ C)	Comments
0	6.6	73	20.1	Clear; dry after 10 gal (1250 hrs)

December 8, 1988 (1140 hrs)

Well Vol.	pH	Sp. Cond. ( $\mu$ mhos/cm)	Water Temp. ( $^{\circ}$ C)	Comments
0	5.8	56	19.7	Weakly turbid; light brown

## FSS 3D

December 7, 1988

One well volume = 8 gal

Well Vol.	pH	Sp. Cond. ( $\mu$ mhos/cm)	Water Temp. ( $^{\circ}$ C)	Comments
0	6.4	77	14.3	Clear; dry after 7.4 gal (1236 hrs)

December 8, 1988 (1120 hrs)

Well Vol.	pH	Sp. Cond. ( $\mu$ mhos/cm)	Water Temp. ( $^{\circ}$ C)	Comments
0	5.6	62	19.1	Aerated

## FSS 4D

December 7, 1988

One well volume = 9 gal

Well Vol.	pH	Sp. Cond. ( $\mu$ mhos/cm)	Water Temp. ( $^{\circ}$ C)	Comments
0	6.7	99	14.4	Very weakly turbid; very light brown
1	5.0	52	19.9	Very weakly turbid; very light brown
2	5.0	53	21.0	Very weakly turbid; very light brown; dry after 18 gal (1215 hrs)

## WELL STABILIZATION

FSS 4D (cont.)

December 8, 1988 (1100 hrs)

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(<math>\mu</math>mhos/cm)</u>	<u>Water</u> <u>Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	5.0	53	19.3	Aerated

HAC 1

December 8, 1988

One well volume = 8 gal

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(<math>\mu</math>mhos/cm)</u>	<u>Water</u> <u>Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	5.4	400	22.4	Weakly turbid; light brown; dry after 3 gal (1812 hrs)

December 9, 1988 (1420 hrs)

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(<math>\mu</math>mhos/cm)</u>	<u>Water</u> <u>Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	5.3	341	21.4	Very weakly turbid; light brown

HAC 2

December 8, 1988

One well volume = 9 gal

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(<math>\mu</math>mhos/cm)</u>	<u>Water</u> <u>Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	5.0	653	21.8	Clear; dry after 2 gal (1550 hrs)

December 9, 1988 (1355 hrs)

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(<math>\mu</math>mhos/cm)</u>	<u>Water</u> <u>Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	5.2	676	20.8	None

HAC 3

December 8, 1988

One well volume = 11 gal

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(<math>\mu</math>mhos/cm)</u>	<u>Water</u> <u>Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	4.9	383	22.3	Very weakly turbid; light brown
1	4.6	217	22.8	Clear; pump rate ~ 1.3 gpm

## WELL STABILIZATION

### HAC 3 (cont.)

Well Vol.	pH	Sp. Cond. ( $\mu$ mhos/cm)	Water Temp. ( $^{\circ}$ C)	Comments
2	4.4	173	24.1	Clear; pump rate ~ 0.5 gpm
3	4.4	169	24.2	Clear; pump rate ~ 0.5 gpm
4	4.3	158	24.1	Clear; pump rate ~ 0.5 gpm

### HAC 4

December 8, 1988

One well volume = 12 gal

Well Vol.	pH	Sp. Cond. ( $\mu$ mhos/cm)	Water Temp. ( $^{\circ}$ C)	Comments
0	4.8	66	21.2	Weakly turbid; light brown
1	4.4	62	21.5	Clear; surges; aerated
2	4.5	60	21.6	Clear; surges
3	4.5	47	21.7	Clear; surges
4	4.4	43	21.7	Clear; surges

### HET 1D

December 10, 1988

One well volume = 17 gal

Well Vol.	pH	Sp. Cond. ( $\mu$ mhos/cm)	Water Temp. ( $^{\circ}$ C)	Comments
0	6.0	79	18.7	Clear
1	5.0	54	18.8	Clear; surges
2	5.0	52	19.4	Clear; surges
3	5.0	52	19.6	Clear; surges
4	5.0	52	20.5	Clear; surges; pump rate ~ 1.1 gpm

### HET 2D

December 10, 1988

One well volume = 13 gal

Well Vol.	pH	Sp. Cond. ( $\mu$ mhos/cm)	Water Temp. ( $^{\circ}$ C)	Comments
0	6.6	85	19.2	Moderately turbid; medium red brown; dry after 6 gal (1541 hrs)

December 11, 1988 (1255 hrs)

Well Vol.	pH	Sp. Cond. ( $\mu$ mhos/cm)	Water Temp. ( $^{\circ}$ C)	Comments
0	6.3	40	15.7	Weakly turbid; light red brown

## WELL STABILIZATION

### HET 3D

December 10, 1988

One well volume = 13 gal

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(<math>\mu</math>mhos/cm)</u>	<u>Water</u> <u>Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	6.6	75	18.4	Clear; dry after 7 gal (1529 hrs)

December 11, 1988 (1235 hrs)

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(<math>\mu</math>mhos/cm)</u>	<u>Water</u> <u>Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	5.4	27	17.8	None

### HET 4D

December 10, 1988

One well volume = 14 gal

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(<math>\mu</math>mhos/cm)</u>	<u>Water</u> <u>Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	6.4	173	18.6	Very weakly turbid; very light yellow brown
1	5.5	62	18.9	Moderately turbid; medium yellow brown; surges
2	5.5	46	19.5	Weakly turbid; light yellow brown; dry after 39 gal (1514 hrs)

December 11, 1988 (1210 hrs)

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(<math>\mu</math>mhos/cm)</u>	<u>Water</u> <u>Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	5.6	33	16.9	None

### HSS 1D

December 7, 1988

One well volume = 17 gal

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(<math>\mu</math>mhos/cm)</u>	<u>Water</u> <u>Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	6.6	70	12.7	Clear
1	5.4	24	17.8	Clear; dry after 25 gal (1437 hrs)

December 8, 1988 (1315 hrs)

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(<math>\mu</math>mhos/cm)</u>	<u>Water</u> <u>Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	5.4	23	18.4	None



# WELL STABILIZATION

## HSS 2D

December 7, 1988

One well volume = 18 gal

Well Vol.	pH	Sp. Cond. ( $\mu$ mhos/cm)	Water Temp. ( $^{\circ}$ C)	Comments
0	7.1	83	17.5	Clear
1	5.7	28	17.9	Clear; surges
2	5.6	27	18.1	Clear; surges
3	5.7	27	18.4	Clear; surges
4	5.5	26	18.3	Clear; surges
5	5.6	27	18.5	Clear; surges

## HSS 3D

December 7, 1988

One well volume = 7 gal

Well Vol.	pH	Sp. Cond. ( $\mu$ mhos/cm)	Water Temp. ( $^{\circ}$ C)	Comments
0	6.7	67	17.3	Very weakly turbid; very light pink; dry after 6.4 gal (1320 hrs)

December 8, 1988 (1230 hrs)

Well Vol.	pH	Sp. Cond. ( $\mu$ mhos/cm)	Water Temp. ( $^{\circ}$ C)	Comments
0	5.7	26	19.9	Very weakly turbid; very light pink

## KAC 5

November 26, 1988

One well volume = 14 gal

Well Vol.	pH	Sp. Cond. ( $\mu$ mhos/cm)	Water Temp. ( $^{\circ}$ C)	Comments
0	5.1	73	18.2	Weakly turbid; light brown; dry after 7 gal (1126 hrs)

November 27, 1988 (0905 hrs)

Well Vol.	pH	Sp. Cond. ( $\mu$ mhos/cm)	Water Temp. ( $^{\circ}$ C)	Comments
0	5.2	69	18.4	Moderately turbid; light brown

## WELL STABILIZATION

### KAC 6

November 26, 1988

One well volume = 13 gal

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(<math>\mu</math>mhos/cm)</u>	<u>Water</u> <u>Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	5.5	135	18.5	Very weakly turbid; light gray; dry after 6 gal (1113 hrs)

November 27, 1988

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(<math>\mu</math>mhos/cm)</u>	<u>Water</u> <u>Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	5.3	109	18.4	Weakly turbid; light brown

### KAC 7

November 26, 1988

One well volume = 12 gal

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(<math>\mu</math>mhos/cm)</u>	<u>Water</u> <u>Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	6.0	226	18.7	Moderately turbid; light brown; dry after 3 gal (1147 hrs)

November 27, 1988 (0905 hrs)

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(<math>\mu</math>mhos/cm)</u>	<u>Water</u> <u>Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	5.9	302	19.1	Moderately turbid; light brown

### KSS 1D

December 7, 1988

One well volume = 11 gal

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(<math>\mu</math>mhos/cm)</u>	<u>Water</u> <u>Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	7.1	184	15.3	Clear
1	7.0	178	18.0	Weakly turbid; light red brown; surges
2	6.4	99	17.6	Weakly turbid; light red brown; surges
3	6.5	114	18.6	Very weakly turbid; very light brown; surges
4	6.5	110	19.3	Very weakly turbid; very light brown; surges

# WELL STABILIZATION

KSS 2D

December 8, 1988

One well volume = 13 gal

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(<math>\mu</math>mhos/cm)</u>	<u>Water</u> <u>Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	6.9	121	17.6	Weakly turbid; very light brown; dry after 9 gal (0958 hrs)

December 8, 1988 (1435 hrs)

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(<math>\mu</math>mhos/cm)</u>	<u>Water</u> <u>Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	6.3	64	18.2	Moderately turbid; medium yellow brown

KSS 3D

December 8, 1988

One well volume = 16 gal

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(<math>\mu</math>mhos/cm)</u>	<u>Water</u> <u>Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	7.6	230	17.4	Very weakly turbid
1	6.9	116	18.0	Clear
2	6.8	105	17.9	Clear
3	6.7	100	17.9	Clear
4	6.7	98	18.2	Clear

PAC 5

December 4, 1988

One well volume = 14 gal

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(<math>\mu</math>mhos/cm)</u>	<u>Water</u> <u>Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	7.5	660	13.3	Dry after 6.3 gal (1004 hrs)

December 4, 1988 (1610 hrs)

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(<math>\mu</math>mhos/cm)</u>	<u>Water</u> <u>Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	7.5	630	15.2	Weakly turbid; light brown; aerated

## WELL STABILIZATION

### PAC 6

December 4, 1988

One well volume = 14 gal

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(<math>\mu</math>mhos/cm)</u>	<u>Water</u> <u>Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	7.3	500	17.6	Dry after 7 gal (1017 hrs)

December 4, 1988 (1630 hrs)

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(<math>\mu</math>mhos/cm)</u>	<u>Water</u> <u>Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	7.3	390	14.9	Moderately turbid; medium light brown; aerated

### PSS 1D

December 17, 1988

One well volume = 12 gal

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(<math>\mu</math>mhos/cm)</u>	<u>Water</u> <u>Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	6.8	83	13.4	Dry after 11.5 gal (1540 hrs)

December 18, 1988 (1120 hrs)

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(<math>\mu</math>mhos/cm)</u>	<u>Water</u> <u>Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	6.3	51	18.3	Weakly turbid; light brown

### PSS 2D

December 7, 1988

One well volume = 12 gal

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(<math>\mu</math>mhos/cm)</u>	<u>Water</u> <u>Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
0	7.6	137	17.9	Very weakly turbid; very light brown
1	5.9	22	18.4	Strongly turbid; dark brown red; surges
2	5.6	20	18.2	Strongly turbid; dark brown red; surges
3	5.8	20	18.4	Moderately turbid; medium brown red; surges
4	6.2	20	18.5	Moderately turbid; medium brown red; surges
5	5.6	22	18.4	Moderately turbid; medium brown red; surges
6	5.7	20	18.5	Weakly turbid; light brown red; surges

## WELL STABILIZATION

### PSS 3D

December 7, 1988

One well volume = 12 gal

Well Vol.	pH	Sp. Cond. ( $\mu$ mhos/cm)	Water Temp. ( $^{\circ}$ C)	Comments
0	7.4	125	18.2	Clear; dry after 4 gal (1527 hrs)

December 8, 1988 (1355 hrs)

Well Vol.	pH	Sp. Cond. ( $\mu$ mhos/cm)	Water Temp. ( $^{\circ}$ C)	Comments
0	7.1	87	17.4	None

### TBG 1

December 27, 1988

One well volume = 7 gal

Well Vol.	pH	Sp. Cond. ( $\mu$ mhos/cm)	Water Temp. ( $^{\circ}$ C)	Comments
0	6.0	250	20.6	Clear
1	5.5	161	20.7	Clear; surges
2	5.7	120	21.1	Clear; surges
3	5.6	137	20.9	Clear; surges
4	5.6	114	21.2	Clear; surges
5	5.7	116	21.2	Clear; surges

### TBG 3

December 27, 1988

One well volume = 8 gal

Well Vol.	pH	Sp. Cond. ( $\mu$ mhos/cm)	Water Temp. ( $^{\circ}$ C)	Comments
0	4.6	370	16.2	Clear; dry after 6.3 gal (1349 hrs)

December 28, 1988 (1045 hrs)

Well Vol.	pH	Sp. Cond. ( $\mu$ mhos/cm)	Water Temp. ( $^{\circ}$ C)	Comments
0	4.3	350	21.5	Clear; aerated

## WELL STABILIZATION

### TBG 4

December 27, 1988

One well volume = 8 gal

Well Vol.	pH	Sp. Cond. ( $\mu$ mhos/cm)	Water Temp. ( $^{\circ}$ C)	Comments
0	4.2	460	20.1	Clear
1	4.2	420	20.4	Very weakly turbid; very light brown; surges
2	4.2	440	20.6	Clear; surges
3	4.2	430	21.0	Clear; surges
4	4.2	420	20.9	Clear; surges

### TBG 5

December 27, 1988

One well volume = 6 gal

Well Vol.	pH	Sp. Cond. ( $\mu$ mhos/cm)	Water Temp. ( $^{\circ}$ C)	Comments
0	5.9	98	19.0	Clear
1	5.4	81	20.3	Clear; dry after 10 gal (1524 hrs)

December 28, 1988 (1110 hrs)

Well Vol.	pH	Sp. Cond. ( $\mu$ mhos/cm)	Water Temp. ( $^{\circ}$ C)	Comments
0	5.7	93	20.8	Weakly turbid; light brown; aerated

### TBG 6

December 27, 1988

One well volume = 8 gal

Well Vol.	pH	Sp. Cond. ( $\mu$ mhos/cm)	Water Temp. ( $^{\circ}$ C)	Comments
0	5.4	230	20.8	Clear
1	4.9	215	20.4	Weakly turbid; light brown; surges
2	4.8	230	20.9	Very weakly turbid; very light brown; dry after 18.5 gal (1255 hrs)

December 28, 1988 (1015 hrs)

Well Vol.	pH	Sp. Cond. ( $\mu$ mhos/cm)	Water Temp. ( $^{\circ}$ C)	Comments
0	4.9	230	20.2	Clear

## WELL STABILIZATION

### TBG 7

December 27, 1988

One well volume = 12 gal

Well Vol.	pH	Sp. Cond. ( $\mu$ mhos/cm)	Water Temp. ( $^{\circ}$ C)	Comments
0	6.2	64	19.6	Clear
1	6.0	51	20.6	Very weakly turbid; very light brown
2	6.1	56	20.6	Moderately turbid; medium red brown
3	6.0	55	20.9	Very weakly turbid; very light brown
4	6.0	56	20.6	Weakly turbid; light brown

### XSB 1D

December 12, 1988

One well volume = 64 gal

Well Vol.	pH	Sp. Cond. ( $\mu$ mhos/cm)	Water Temp. ( $^{\circ}$ C)	Comments
0	6.7	270	17.7	Very light brown; aerated
1	5.7	103	17.4	Clear
2	5.6	99	19.2	Clear
3	5.5	100	20.3	Clear
4	5.4	101	20.1	Clear

### XSB 2D

December 12, 1988

One well volume = 63 gal

Well Vol.	pH	Sp. Cond. ( $\mu$ mhos/cm)	Water Temp. ( $^{\circ}$ C)	Comments
0	12.0	1,480	17.7	Very light brown; dry after 7 gal (1251 hrs)

December 12, 1988 (1450 hrs)

Well Vol.	pH	Sp. Cond. ( $\mu$ mhos/cm)	Water Temp. ( $^{\circ}$ C)	Comments
0	9.8	220	17.5	Weakly turbid; light yellow brown

### XSB 4D

December 12, 1988

One well volume = 63 gal

Well Vol.	pH	Sp. Cond. ( $\mu$ mhos/cm)	Water Temp. ( $^{\circ}$ C)	Comments
0	6.3	330	17.5	Clear
1	5.3	134	17.8	Clear

## WELL STABILIZATION

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XSB 4D (cont.)

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(<math>\mu</math>mhos/cm)</u>	<u>Water</u> <u>Temp. (<math>^{\circ}</math>C)</u>	<u>Comments</u>
2	5.2	134	19.4	Clear
3	5.2	137	19.3	Clear
4	5.1	138	19.5	Clear



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## CORING

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The primary source of data for this section is the Field Geologic Logs. SRP Daily Activities Reports and Monitor Testing Corporation's Daily Reports are secondary sources. Sirrine Environmental Consultants, the oversight group, kept these records during fourth quarter 1988. Monitor Testing Corporation performed drilling activities.

The following cores were taken by hollow stem augering with split spoon sampling during fourth quarter 1988 for the RCRA Facility Investigation (RFI).

### A-Area Burning/Rubble Pits

<u>Core ID</u>	<u>Drilling Completed</u>	<u>Depth (ft)</u>
A731 1	11/07/88	142
A731 2	11/02/88	16
A731 3	11/02/88	18
A731 4	11/02/88	27

### C-Area Burning/Rubble Pit

<u>Core ID</u>	<u>Drilling Completed</u>	<u>Depth (ft)</u>
C131 1	10/26/88	62
C131 2	10/27/88	16
C131 3	10/27/88	20
C131 4	10/28/88	17

### D-Area Oil Disposal Basin

<u>Core ID</u>	<u>Drilling Completed</u>	<u>Depth (ft)</u>
DOSB 1	11/21/88	18
DOSB 2	11/21/88	20
DOSB 3	11/22/88	18

## CORING

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### K-Area Burning/Rubble Pit

<u>Core ID</u>	<u>Drilling Completed</u>	<u>Depth (ft)</u>
K131 1	10/24/88	60
K131 2	10/25/88	16
K131 3	10/26/88	17
K131 4	10/25/88	10

### L-Area Burning/Rubble Pit

<u>Core ID</u>	<u>Drilling Completed</u>	<u>Depth (ft)</u>
L131 1	10/19/88	57
L131 2	10/19/88	57
L131 3	10/20/88	12
L131 4	10/21/88	21

### P-Area Burning/Rubble Pit

<u>Core ID</u>	<u>Drilling Completed</u>	<u>Depth (ft)</u>
P131 1	10/13/88	47
P131 2	10/13/88	37
P131 3	10/14/88	32
P131 4	10/18/88	32

### R-Area Burning/Rubble Pits

<u>Core ID</u>	<u>Drilling Completed</u>	<u>Depth (ft)</u>
R131 1	10/12/88	37
R131 2	10/10/88	37
R131 3	10/11/88	37
R131 4	10/07/88	37

### 716-A Motor Shop Seepage Basin

<u>Core ID</u>	<u>Drilling Completed</u>	<u>Depth (ft)</u>
A716B01	11/17/88	32.5
A716B02	11/17/88	22
A716B03	11/18/88	22
A716B04	11/18/88	32

## CORING

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The following cores were taken for a characterization study of the F-Area A-Line Uranium Recovery Facility (221-1F). The cores were taken by hollow stem augering.

<u>Core ID</u>	<u>Drilling Completed</u>	<u>Depth (ft)</u>
FAL 001	10/21/88	2
FAL 002	10/21/88	14
FAL 004	10/25/88	2
FAL 005	10/20/88	11
FAL 006	10/20/88	14
FAL 008	10/26/88	18
FAL 010	10/18/88	14



## SURVEYING

The source of data for this section is a database maintained by Surveying and Mapping Consultants of Tigerville, South Carolina. Surveying and Mapping Consultants conducted the following surveying between 10/1/88 and 12/31/88. Elevations are in feet above mean sea level.

Well ID	SRP Coordinates		Top of	Ground	Final Height
	North	East	Casing Elevation		of Casing Above Ground
AMB 4	104125.45	51480.38	380.35	378.6	1.75
AMB 5	104083.36	51467.20	379.61	377.6	2.01
AMB 6	104034.08	51466.02	377.16	375.1	2.06
AMB 7	103919.96	51624.91	369.87	368.1	1.77
AMH 1*	102654.67	48744.19	-	361.3	-
AMH 2D*	102708.77	48807.81	-	363.0	-
DCB 13	63842.45	19235.42	129.83	127.8	2.03
DCB 14	64909.77	19392.42	129.39	127.5	1.89
DCB 15	64607.39	17635.90	127.55	125.4	2.15
DCB 16	63955.99	17611.21	127.89	125.9	1.99
FAC 5	77960.28	55241.25	315.83	314.0	1.83
FAC 6	78129.00	55335.50	312.48	310.8	1.68
FAC 7	78123.42	55356.17	311.95	310.3	1.65
FAC 8	78090.89	55365.98	310.95	309.0	1.95
FET 1D	76165.58	53299.86	269.96	268.0	1.96
FET 2D	76045.76	52981.22	269.96	267.9	2.06
FET 3D	75960.98	53025.73	285.24	283.2	2.04
FET 4D	75959.28	53149.03	286.87	284.7	2.17
FSS 1D	75257.56	53897.62	266.04	263.9	2.14
FSS 2D	75103.51	53918.93	261.62	259.4	2.22
FSS 3D	74960.53	53548.02	258.18	255.8	2.38
FSS 4D	75537.82	52876.12	291.76	289.8	1.96
HPT 2A**	75061.78	60200.52	260.15	257.8	2.35
HSB 83A	71866.56	55281.53	241.59	239.4	2.35
HSB 84A	71586.23	56359.09	228.67	226.7	1.97
HSS 1D	67610.32	64675.59	310.07	308.0	2.07
HSS 2D	67355.86	64785.90	304.40	302.3	2.10

\* This well is part of a study on horizontal wells. It is not part of the HP Groundwater Monitoring Program. It has no surface casing.

\*\* This production well is not under the HP Groundwater Monitoring Program.

| Redrilled well.

# SURVEYING

<u>Well ID</u>	<u>SRP Coordinates</u>		<u>Top of Casing Elevation</u>	<u>Ground Elevation</u>	<u>Final Height of Casing Above Ground</u>
	<u>North</u>	<u>East</u>			
HSS 3D	68257.45	64709.49	309.80	308.1	1.70
KAC 5	53161.69	42716.30	259.01	256.8	2.21
KAC 6	53139.89	42693.52	259.04	257.1	1.94
KAC 7	53252.88	42574.54	265.07	263.0	2.07
KSS 1D	47758.95	40220.19	229.75	228.1	1.65
KSS 2D	46803.86	40438.30	192.25	190.4	1.85
KSS 3D	46644.43	40749.34	185.17	183.2	1.97
PAC 5	43561.71	66907.06	289.34	287.1	2.24
PAC 6	43580.09	66894.74	289.41	287.2	2.21
PSS 2D	36037.86	75910.12	228.73	226.6	2.13
PSS 3D	35974.06	76138.72	233.96	231.8	2.16
TBG 1	71178.18	17379.25	151.22	149.1	2.12
TBG 3	71324.13	17177.73	151.17	148.9	2.27
TBG 4	71267.09	17177.74	151.34	149.3	2.04
TBG 5	71226.45	17354.51	149.41	147.4	2.01
TBG 6	71365.36	17730.16	148.06	145.9	2.16
TBG 7	71298.53	17548.10	146.76	144.7	2.06
XSB 1D	71104.78	16893.48	155.98	153.9	2.08
XSB 2D	71085.98	16823.07	154.79	153.0	1.79
XSB 4D	70997.86	16826.16	154.92	152.9	2.02

The following wells, installed in fourth quarter 1987, were surveyed by Surveying and Mapping Consultants in fourth quarter 1988. Elevations are in feet above mean sea level.

<u>Well ID</u>	<u>SRP Coordinates</u>		<u>Top of Casing Elevation</u>	<u>Ground Elevation</u>	<u>Final Height of Casing Above Ground</u>
	<u>North</u>	<u>East</u>			
HAP 1	71209.79	63398.78	289.13	287.3	1.83
HAP 2	71122.87	63519.77	289.85	287.9	1.95
SLP 1	72958.40	64449.10	284.78	283.0	1.78
SLP 2	72863.41	64529.65	283.81	281.8	2.01
ZDT 1	71644.38	65114.77	265.07	263.0	2.07
ZDT 2	71696.50	65059.89	265.02	263.1	1.92

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## SAMPLE SCHEDULING

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The sampling schedule for the fourth quarter 1988 was derived using the following premises.

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

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

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

The routine radioactive groundwater monitoring program schedule is conducted.

### CUSTODIAN REVIEW

The proposed schedule for the fourth quarter 1988 was sent to each custodian 6 weeks before the beginning of the quarter for review and alteration prior to its implementation.

### SPECIAL REQUESTS

The following special requests were made for the fourth quarter 1988.

Ray Sims requested that Appendix IX confirmatory samples be analyzed for parameters that were detected in the Appendix IX sampling episode. The requests were as follows:

- MSB 4A - trichlorofluoromethane, carbon tetrachloride, chlorobenzene,  
1,1-dichloroethane
- MSB 6A, 7A, 8A - bis(2-ethylhexyl)phthalate
- MSB 22 - cobalt, 1,1,2,2-tetrachloroethane

## SAMPLE SCHEDULING

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### SPECIAL REQUESTS (cont.)

Chris Leason requested quarterly monitoring of FAC 5 through FAC 8, HAC 1 through HAC 4, KAC 1 through KAC 7, DCB 6 through DCB 13, FCB 5 through FCB 7, and PAC 1 through PAC 6 due to their interim status under South Carolina Waste Management Regulations (R.69-79.265). He requested the wells be monitored for Group I, II, and III constituents and turbidity.

Ralph Nichols requested that new wells AMB 4 through AMB 7 be added to the quarterly monitoring schedule in order to obtain more data for the Metallurgical Laboratory Part B Permit.

Ralph Nichols requested that the new SSS well series be added to the quarterly monitoring schedule and analyzed for nitrite, copper, and nickel. These requests were made in order to obtain more data for the RCRA Facility Investigation (RFI) and waste-site closure work.

Ralph Nichols requested GCMS scans for the ASB and YSB well series in order to obtain more data for the National Resources Defense Council (NRDC) lawsuit.

Ralph Nichols requested that the new XSB wells (XSB 1D, 2D, 3A, 4D, and 5A) and the new TBG well series be added to the quarterly monitoring schedule. He also requested GCMS scans and Gamma pH analyses for the entire XSB and TBG well series. These requests were made in order to obtain more data for the RFI and waste-site closure work.

LeAnne Clifton requested that the FSS, HSS, KSS, and PSS well series be put on the quarterly monitoring schedule for copper, nickel, and Group I, II, and III parameters.

Cathy Lewis requested that the FET and HET well series be put on the quarterly monitoring schedule for Group I, II, and III parameters.

Brian Eichline requested the following analyses for constituents found above background in 1984 and 1985:

- ARP Series - manganese, copper
- CRP Series - manganese, nitrate (as N)
- DBP Series - copper
- KRP Series - nickel
- PRP Series - barium
- RRP Series - copper

Brian Eichline requested that base/neutral/acid extractions be performed at the AOB and DOB wells to determine the presence of petroleum products and to determine if any constituents should be placed on the monitoring schedule.



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## SAMPLE COLLECTION

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

Each sampler maintained a field notebook. Field measurements include pH, temperature, specific conductance, air temperature, depth to the water prior to pumping, and volume of water pumped prior to sampling. These field books are located in the fourth quarter 1988 section of the HP Groundwater Monitoring Library.

All samples were collected on a routine basis during the fourth quarter of 1988, except as indicated below. The sampler's observations about the water sample, well's condition, and any special method of collecting also are noted in the following table. All wells were pumped except as noted. Wells that went dry were revisited and sampled within 24 hours except as noted. For these wells, only the volume purged before the well went dry is given in this section. The total amount of water purged from each well is given in the Field and Analytical Data section.

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

<u>Well</u>	<u>Date</u>	<u>Comment</u>
ABP Series		
ABP 2A	10/01/88	Very weakly turbid; light brown
ACB Series		
ACB 1A	10/17/88	Very weakly turbid; light brown
ACB 3A	10/17/88	Oil-like particulates on sample surface
AMB Series		
AMB 4	12/03/88	Dry after 1 gal
	12/04/88	Moderately turbid; light brown; grass particles
AMB 5	12/03/88	Moderately turbid; yellow brown
	12/04/88	Moderately turbid; light brown
AMB 6	12/03/88	Dry after 2 gal
	12/04/88	Strongly turbid; yellow brown
AMB 7	12/03/88	Dry after 2 gal
	12/04/88	Moderately turbid; light brown; grass particles

# SAMPLE COLLECTION

<u>Well</u>	<u>Date</u>	<u>Comment</u>
<b>AOB Series</b>		
AOB 1	11/20/88	Light brown; weakly turbid
<b>ARP Series</b>		
ARP 2	10/09/88	Fine sand
ARP 3	10/09/88	Moderately turbid; yellow brown; sand
<b>ASB Series</b>		
ASB 3A	10/02/88	Hint of light-brown color; oil-like particulates on water surface; small amount of fine sand
ASB 4	10/02/88	Very weakly turbid; light brown
ASB 5A	10/02/88	Very weakly turbid; light brown
ASB 6A	10/02/88	Small amount of fine sand
ASB 9B	10/09/88	Sand clogging flowmeter, volume purged partly estimated
<b>BGO Series</b>		
BGO 1D	10/22/88	Dry after 5.3 gal
	10/23/88	Light brown; weakly turbid
BGO 3D	10/22/88	Dry after 4 gal
	10/23/88	Aerated
BGO 5C	10/22/88	Dry after 13.6 gal
	10/23/88	Aerated
BGO 5D	10/22/88	Dry after 5.4 gal
BGO 6D	10/22/88	Dry after 6.3 gal
BGO 8A	10/22/88	Dry after 24.7 gal
BGO 8D	10/19/88	Very light brown; weakly turbid; slightly aerated
BGO 10A	10/22/88	Dry after 32 gal
BGO 10C	10/22/88	Dry after 32 gal
BGO 12A	10/22/88	Dry after 32 gal
BGO 12C	10/22/88	Dry after 33 gal
	10/23/88	Aerated
BGO 12D	10/22/88	Dry after 6.3 gal
	10/23/88	Aerated
BGO 13D	10/29/88	Dry after 1.5 gal
	10/30/88	Very weakly turbid
BGO 14A	10/29/88	Dry after 18 gal
BGO 14C	10/29/88	Dry after 13 gal
BGO 16A	11/02/88	Dry after 21.5 gal
BGO 16D	11/02/88	Dry after 2 gal
BGO 19D	11/02/88	Very light brown; weakly turbid
BGO 20D	11/02/88	Dry after 7 gal; weakly turbid
BGO 21D	11/02/88	Dry after 6.5 gal; light brown; weakly turbid
BGO 24D	11/02/88	Dry after 6 gal
BGO 25A	10/29/88	Dry after 11 gal

# SAMPLE COLLECTION

<u>Well</u>	<u>Date</u>	<u>Comment</u>
<b>CCB Series</b>		
CCB 2	11/09/88	Pump would not start
	11/11/88	Strongly turbid; reddish brown; sand
CCB 4	11/09/88	Weakly turbid; light brown
<b>CDB Series</b>		
CDB 1	12/27/88	Dry after 9 gal; weakly turbid; light brown
CDB 2	12/27/88	Dry after 5 gal; very weakly turbid; light brown
<b>CMP Series</b>		
CMP 11	11/05/88	Dry after 15 gal
CMP 12	11/05/88	Dry after 15 gal
CMP 12A	11/05/88	Hydrogen sulfide odor
CMP 13	11/05/88	Dry after 5 gal
	11/06/88	Weakly turbid; light brown
CMP 15B	11/05/88	Dry after 19.5 gal
CMP 15C	11/05/88	Dry after 1 gal
	11/06/88	No water in standpipe
<b>CRP Series</b>		
CRP 3	12/22/88	Dry after 7 gal
	12/23/88	No water in standpipe (62 ft)
<b>CSB Series</b>		
CSB 1A	11/25/88	Dry after 1 gal
	11/26/88	No water in standpipe (85 ft); medium pink brown; moderately turbid
CSB 2A	11/25/88	Dry after 3 gal
	11/26/88	Light brown; weakly turbid
CSB 3A	11/25/88	Dry after 3.5 gal
	11/26/88	Very light brown
CSB 5A	11/25/88	Dry after 4 gal
<b>CSR Series</b>		
CSR 1	12/20/88	Very weakly turbid; light brown
CSR 3	12/21/88	Weakly turbid; light brown; dry after 11 gal
CSR 4	12/21/88	Weakly turbid; light brown
<b>DBP Series</b>		
DBP 3	12/22/88	Very light brown

## SAMPLE COLLECTION

<u>Well</u>	<u>Date</u>	<u>Comment</u>
<b>DCB Series</b>		
DCB 1A	11/06/88	Light brown
DCB 6	12/12/88	Dry after 3.4 gal; light brown; weakly turbid
DCB 11	11/06/88	Light brown; dry after 16 gal
DCB 13	12/11/88	Dry after 3.3 gal; moderate odor
DCB 14	12/10/88	Very light green gray; odor; very weakly turbid
DCB 15	12/10/88	Dry after 4 gal
	12/11/88	Light green gray; weakly turbid; weak odor
DCB 16	12/10/88	Dry after 4 gal
	12/11/88	Medium yellow brown; moderately turbid
<b>FAC Series</b>		
FAC 1	10/22/88	Capped and sealed
FAC 2	10/22/88	Capped and sealed
FAC 3	12/21/88	Medium red brown; moderately turbid; dry after bailing 6 gal
FAC 5	11/26/88	Water would not pump to surface, no water purged
	12/13/88	Dry after bailing 9.8 gal
	12/14/88	Strongly turbid; light brown
FAC 6	12/13/88	Dry after bailing 4.35 gal
	12/14/88	Light brown; very weakly turbid
FAC 7	11/26/88	Water would not pump to surface, no water purged
	12/13/88	Dry after bailing 4.4 gal
	12/14/88	Strongly turbid; light brown
FAC 8	11/26/88	Water would not pump to surface, no water purged
	12/13/88	Dry after bailing 13.1 gal
	12/14/88	Medium red brown; moderately turbid
<b>FAL Series</b>		
FAL 1	11/21/88	Dry after 6 gal
FAL 2	11/21/88	Dry after 1 gal
	11/22/88	Medium brown; moderately turbid
<b>FBP Series</b>		
FBP 3A	12/20/88	Very weakly turbid; light brown
FBP 4	12/20/88	Moderately turbid; yellow brown
<b>FCA Series</b>		
FCA 2D	11/21/88	Dry after bailing 5 gal
FCA 9D	11/22/88	Dry after bailing 2.5 gal; light brown; weakly turbid
FCA 10A	12/29/88	Medium red brown; moderately turbid

# SAMPLE COLLECTION

<u>Well</u>	<u>Date</u>	<u>Comment</u>
<b>FCB Series</b>		
FCB 3	12/11/88	Weakly turbid; light brown
FCB 4	12/20/88	Dry after 11 gal
	12/21/88	Very weakly turbid; light rust brown
FCB 5	12/04/88	Dry after 1 gal
FCB 6	12/04/88	Dry after 2 gal
<b>FET Series</b>		
FET 1D	12/10/88	Dry after 17 gal
<b>FNB Series</b>		
FNB 2	11/25/88	Light brown; weakly turbid
FNB 4	11/25/88	Light brown; weakly turbid
<b>FSB Series</b>		
FSB 78C	10/08/88	Dry after 22 gal
FSB 87B	10/08/88	Weakly turbid; light brown
FSB 87D	10/08/88	Dry after 3 gal
	10/09/88	No water in standpipe (75 ft)
FSB 88D	10/16/88	Dry after 5 gal
	10/17/88	Very weakly turbid; light brown
FSB 90C	10/22/88	Dry after 22 gal
FSB 90D	10/22/88	Dry after 2 gal
FSB 91C	10/22/88	Dry after 19 gal
FSB 91D	10/26/88	Slightly aerated
FSB 92D	10/15/88	Weakly turbid; light brown
FSB 93D	10/15/88	Dry after 3 gal
FSB 94C	10/15/88	Dry after 24 gal
FSB 95C	10/16/88	Dry after 22 gal
FSB 95D	10/15/88	Dry after 2 gal
	10/16/88	Moderately turbid; reddish brown
FSB 96A	10/15/88	Dry after 18 gal
FSB 97C	10/15/88	Dry after 26 gal
FSB 97D	10/15/88	Dry after 3 gal
FSB 98A	10/15/88	Dry after 24 gal
FSB 98D	10/15/88	Dry after 3 gal
	10/16/88	Weakly turbid; light brown
FSB100A	10/15/88	Dry after 14 gal
	10/16/88	Aerated
FSB105D	10/15/88	Dry after 1 gal
	10/16/88	Weakly turbid; light brown
FSB108D	10/08/88	Dry after 3 gal

# SAMPLE COLLECTION

<u>Well</u>	<u>Date</u>	<u>Comment</u>
<b>FSS Series</b>		
FSS 1D	12/07/88	Dry after 7 gal
	12/08/88	Medium red-brown; moderately turbid
FSS 2D	12/07/88	Dry after 10 gal
	12/08/88	Light brown; weakly turbid
FSS 3D	12/07/88	Dry after 7.4 gal
	12/08/88	Aerated
FSS 4D	12/07/88	Dry after 18 gal
	12/08/88	Aerated
<b>GBW Series</b>		
GBW 1	11/18/88	Dry after 7 gal
<b>HAC Series</b>		
HAC 1	12/08/88	Dry after 3 gal
	12/09/88	Very weakly turbid; light brown
HAC 2	12/08/88	Dry after 2 gal
<b>HCA Series</b>		
HCA 1	12/04/88	Weakly turbid; light brown; dry after 10 gal
HCA 2	12/04/88	Very weakly turbid; light brown
HCA 3	12/04/88	Weakly turbid; light brown; dry after 9 gal
HCA 4	12/04/88	Very weakly turbid; light brown; dry after 16 gal
<b>HCB Series</b>		
HCB 2	12/04/88	Weakly turbid; light brown
<b>HET Series</b>		
HET 2D	12/10/88	Dry after 6 gal
	12/11/88	Light red brown; weakly turbid
HET 3D	12/10/88	Dry after 7 gal
HET 4D	12/10/88	Dry after 39 gal
<b>HR8 Series</b>		
HR8 13	10/14/88	Light red brown; weakly turbid
<b>HSB Series</b>		
HSB 66	10/08/88	Light brown; weakly turbid
HSB 68	10/11/88	Very light brown; weakly turbid
HSB 68B	10/10/88	Dry after 44 gal
HSB 68C	10/10/88	Dry after 18 gal
HSB 71C	10/18/88	Dry after 19 gal
HSB 84C	10/10/88	Dry after 14 gal

# SAMPLE COLLECTION

Well	Date	Comment
<b>HSB Series (cont.)</b>		
HSB 85B	10/14/88	Dry after 45 gal
HSB102D	10/25/88	Moderately turbid; light brown; dry after 5 gal
HSB104D	10/02/88	Very light brown; weakly turbid
HSB105D	10/02/88	Flowmeter not working, estimated volume purged
HSB110D	10/04/88	Very light brown; very weakly turbid
HSB111E	10/04/88	Light brown; weakly turbid
HSB112E	10/04/88	Dry after 3.4 gal
	10/05/88	Medium brown; moderately turbid
HSB115C	10/04/88	Dry after 16.3 gal
HSB115D	10/04/88	Dry after 5.4 gal
	10/05/88	Light brown; weakly turbid
HSB124A	10/08/88	Dry after 42 gal
HSB126D	10/18/88	Dry after 6.5 gal
HSB127C	10/10/88	Dry after 29 gal
HSB133C	10/12/88	Dry after 23 gal
HSB133D	10/12/88	Very light brown
HSB135C	10/18/88	Light brown; weakly turbid; aerated
HSB135D	10/18/88	Very light brown; very weakly turbid
HSB139C	10/18/88	Dry after 27 gal
<b>HSS Series</b>		
HSS 1D	12/07/88	Dry after 25 gal
HSS 3D	12/07/88	Dry after 6.4 gal
	12/08/88	Very light pink; very weakly turbid
<b>HXB Series</b>		
HXB 1	10/13/88	Very weakly turbid; light brown
HXB 3	10/13/88	Very weakly turbid; light brown
<b>KAB Series</b>		
KAB 2	10/27/88	Weakly turbid; light brown
KAB 3	10/27/88	Oil-like particulates; light brown
<b>KAC Series</b>		
KAC 1	10/29/88	Weakly turbid; light brown
KAC 2	10/29/88	Weakly turbid; light brown
KAC 4	10/29/88	Very weakly turbid; light brown
KAC 5	11/26/88	Dry after 7 gal
	11/27/88	Moderately turbid; light brown
KAC 6	11/26/88	Dry after 6 gal
	11/27/88	Weakly turbid; light brown
KAC 7	11/26/88	Dry after 3 gal
	11/27/88	Moderately turbid; light brown

# SAMPLE COLLECTION

<u>Well</u>	<u>Date</u>	<u>Comment</u>
<b>KCB Series</b>		
KCB 2	11/08/88	Weakly turbid; light brown; oil-like particulates
<b>KDB Series</b>		
KDB 1	12/27/88	Dry after 17 gal
KDB 3	12/27/88	Dry after 18 gal
<b>KRB Series</b>		
KRB 1	11/25/88	Dry after 1.5 gal
	11/26/88	Very light brown
KRB 13	11/25/88	Dry after 1 gal
	11/26/88	No water in standpipe (80 ft); light brown; weakly turbid
KRB 14	11/25/88	Dry after bailing 2.5 gal
	11/26/88	Light brown; weakly turbid
KRB 15	11/25/88	Dry after 1 gal
	11/26/88	Medium red brown; moderately turbid
<b>KSB Series</b>		
KSB 3	10/18/88	Weakly turbid; light brown
<b>KSS Series</b>		
KSS 1D	12/07/88	Light brown; weakly turbid
KSS 2D	12/08/88	Dry after 9 gal; medium yellow brown; moderately turbid; aerated
<b>LCO Series</b>		
LCO 1	11/08/88	Dry after 13 gal
	11/09/88	Light brown; oil-like particulates
LCO 3	11/08/88	Weakly turbid; light brown
LCO 4	11/08/88	Oil-like particulates; light brown
<b>LDB Series</b>		
LDB 1	12/27/88	Dry after 15 gal; weakly turbid; light brown
LDB 2	12/27/88	Dry after 17 gal; weakly turbid; light brown
<b>LFW Series</b>		
LFW 7	10/25/88	Onion-like odor
LFW 8	10/25/88	Onion-like odor
LFW 18	10/24/88	Hydrogen sulfide odor
LFW 19	10/26/88	Oil-like particulates on sample surface; flowmeter not working, estimated volume purged
LFW 22	10/26/88	Flowmeter not working, estimated volume purged



# SAMPLE COLLECTION

<u>Well</u>	<u>Date</u>	<u>Comment</u>
LFW Series (cont.)		
LFW 28	10/26/88	Dry after 22 gal
LFW 35	10/25/88	Flowmeter not working, estimated volume purged
LRP Series		
LRP 1	10/18/88	Very weakly turbid; light brown
LSB Series		
LSB 3	11/11/88	Light brown
MCB Series		
MCB 2	11/05/88	Dry after 8 gal
MCB 4	11/05/88	Dry after 4 gal
MCB 5	11/05/88	Dry after 6 gal
MCB 6	11/05/88	Dry after 3 gal
	11/06/88	Light brown; weakly turbid
MSB Series		
MSB 1A	10/11/88	No water in standpipe (120 ft)
MSB 4A	11/15/88	No water in standpipe (117 ft)
	12/06/88	No water in standpipe (117 ft)
MSB 5A	10/12/88	Pump would not start
MSB 6A	10/11/88	Small amount of fine sand
MSB 7A	10/11/88	Sand
	11/15/88	Water would not pump to surface, no water purged
	12/04/88	Water would not pump to surface, no water purged
	12/14/88	Dark red brown; strongly turbid
MSB 9B	10/05/88	Dry after 10 gal
MSB 13B	10/30/88	Dry after 4.5 gal
	11/12/88	Dry after 1 gal
MSB 14C	10/05/88	No water in standpipe (117 ft)
MSB 18B	10/30/88	Very light brown; very weakly turbid
MSB 23B	11/01/88	Very light brown; no water in standpipe
MSB 23TA	10/05/88	Well unplugged; flowmeter reading: 3,850,721; restarted pump
	10/07/88	Flowmeter reading: 3,860,011
	10/12/88	Flowmeter reading: 3,883,140
	10/19/88	Flowmeter reading: 3,915,761
	10/26/88	Flowmeter reading: 3,947,675
	11/01/88	Moderately turbid; rust brown; sample collected at each of first five well volumes
	11/04/88	Rust brown; sample collected at each of first five well volumes
	11/11/88	Sample collected at each of first five well volumes; moderately turbid; reddish brown

# SAMPLE COLLECTION

Well	Date	Comment
<b>MSB Series (cont.)</b>		
MSB 23TA (cont.)	11/18/88	Sample collected at each of first five well volumes; moderately turbid; rust brown
	11/28/88	Moderately turbid; rust brown; sample collected at each of first five well volumes
	12/16/88	Moderately turbid; rust brown; sample collected at each of first five well volumes
MSB 24	10/26/88	Dry after 5 gal
MSB 26	10/03/88	No water in standpipe
MSB 26A	10/03/88	Weakly turbid; light brown
MSB 27A	10/10/88	No water in standpipe (145 ft)
MSB 30AA	12/18/88	Pump would not start
	12/20/88	Pump replaced; dry after 65 gal
MSB 36D	11/06/88	No water in standpipe (104 ft); dry after 4 gal; medium reddish brown; moderately turbid
MSB 37A	10/27/88	Dry after 76 gal
MSB 37D	10/27/88	Rust-brown color; no water in standpipe
MSB 39A	10/29/88	Dry after 61 gal
MSB 39D	10/30/88	Slightly aerated
MSB 40D	11/05/88	Dry after 3 gal
	11/06/88	Light brown; weakly turbid
MSB 42D	11/09/88	Dry after 1 gal; no water in standpipe (138 ft)
MSB 44C	12/18/88	Moderately turbid; light brown
MSB 46A	12/18/88	Dry after 53 gal
MSB 46B	12/18/88	No water in standpipe
MSB 47B	10/20/88	Odor
MSB 48D	10/26/88	Dry after 1 gal
	10/27/88	Very weakly turbid; light brown
MSB 49D	10/06/88	Dry after 14 gal
MSB 51D	10/07/88	Dry after 6 gal; weakly turbid; light brown
MSB 52D	10/28/88	Dry after 2 gal
MSB 56D	10/20/88	Weakly turbid; light brown
MSB 61D	10/02/88	Dry after 10 gal
<b>NBG Series</b>		
NBG 1	12/20/88	Dry after 11 gal
NBG 2	12/20/88	Dry after 12 gal
	12/21/88	Weakly turbid; light brown
NBG 3	12/20/88	Dry after 6 gal
	12/21/88	Weakly turbid; light brown
NBG 4	12/20/88	Dry after 6 gal
NBG 5	12/20/88	Dry after 13 gal
<b>PAC Series</b>		
PAC 2	11/01/88	Weakly turbid; light brown
PAC 3	11/01/88	Light brown
PAC 4	11/01/88	Weakly turbid; light brown

# SAMPLE COLLECTION

<u>Well</u>	<u>Date</u>	<u>Comment</u>
<b>PAC Series (cont.)</b>		
PAC 5	12/04/88	Dry after 6.3 gal; light brown; weakly turbid; aerated
PAC 6	12/04/88	Dry after 7 gal; medium brown; moderately turbid; aerated
<b>PCB Series</b>		
PCB 3A	12/04/88	Very weakly turbid; light brown
PCB 4A	12/04/88	Very weakly turbid; light brown
<b>PDB Series</b>		
PDB 3	12/27/88	Weakly turbid; light brown
<b>PSS Series</b>		
PSS 1D	12/07/88	Pump would not start
	12/11/88	Pump would not start
	12/17/88	Dry after 11.5 gal
	12/18/88	Light brown; weakly turbid
PSS 2D	12/07/88	Light red brown; weakly turbid
PSS 3D	12/07/88	Dry after 4 gal
	12/08/88	No water in standpipe (40 ft)
<b>RAC Series</b>		
RAC 1	11/04/88	Milky white; fine sand
RAC 2	11/04/88	Very light brown
RAC 3	11/04/88	Weakly turbid; light brown
RAC 4	11/04/88	Very light brown
<b>RRP Series</b>		
RRP 3	12/23/88	Very light brown; very weakly turbid
<b>RSF Series</b>		
RSF 3	10/14/88	Weakly turbid; light brown
<b>RWM Series</b>		
RWM 2	10/12/88	No water in standpipe
	11/12/88	No water in standpipe (200 ft)
	12/16/88	Aerated; no water in standpipe (200 ft)
<b>SLP Series</b>		
SLP 1	12/28/88	Dry after 4 gal; aerated

# SAMPLE COLLECTION

<u>Well</u>	<u>Date</u>	<u>Comment</u>
<b>SRW Series</b>		
SRW 1	10/21/88	No water in standpipe
SRW 2	10/23/88	Moderately turbid; light brown
SRW 5	10/21/88	Fine sand
SRW 9	10/21/88	Weakly turbid; yellow brown
SRW 10	10/21/88	No water in standpipe (90 ft)
SRW 12C	10/21/88	Fine sand
SRW 13C	10/28/88	Very light brown
SRW 14C	10/20/88	No water in standpipe (110 ft)
SRW 16A	10/21/88	Pump would not start
	11/01/88	Moderately turbid; light brown; dry after 28 gal
<b>SSS Series</b>		
SSS 1	12/12/88	Dry after bailing 1 L; strongly turbid; reddish brown; sand; sounded bottom of well at 41.7 ft below top of casing (TOC)
SSS 2	12/12/88	Moderately turbid; light brown; small amount of sand; sounded bottom of well at 25 ft below TOC
SSS 3	12/12/88	Dry after bailing 1 gal; strongly turbid; reddish brown; sand; sounded bottom of well at 18.7 ft below TOC
SSS 5	12/10/88	Strongly turbid; brown; a lot of sand; sounded bottom of well at 53.2 ft below TOC
SSS 7	12/10/88	Strongly turbid; brown; a lot of sand; sounded bottom of well at 66.9 ft below TOC
SSS 8	12/10/88	Strongly turbid; orange brown; a lot of sand; sounded bottom of well at 52.2 ft below TOC
SSS 9	12/11/88	Strongly turbid; orange brown; a lot of sand; sounded bottom of well at 54 ft below TOC
SSS 10	12/11/88	Strongly turbid; orange brown; small amount of sand; sounded bottom of well at 78.8 ft below TOC
SSS 17	12/12/88	Strongly turbid; reddish brown; sounded bottom of well at 36.6 ft below TOC
SSS 20	12/10/88	Dry after bailing 300 mL
	12/11/88	Weakly turbid; light brown; sand; sounded bottom of well at 77.7 ft below TOC
SSS 21	12/10/88	Bailed dry.
	12/11/88	Dry after bailing 1 L; reddish brown; strongly turbid; a lot of sand; sounded bottom of well at 97.4 ft below TOC
SSS 22	12/11/88	Moderately turbid; brown
SSS 23	12/11/88	Strongly turbid; orange brown; sounded bottom of well at 65.8 ft below TOC
SSS 25	12/13/88	Moderately turbid; light brown; sounded bottom of well at 35.5 ft below TOC

## SAMPLE COLLECTION

<u>Well</u>	<u>Date</u>	<u>Comment</u>
SSS Series (cont.)		
SSS 26	12/13/88	Strongly turbid; tan; sand; sounded bottom of well at 37.5 ft below TOC
SSS 27	12/12/88	Strongly turbid; reddish brown; sounded bottom of well at 53.9 ft below TOC
TBG Series		
TBG 3	12/27/88	Dry after 6.3 gal
	12/28/88	Aerated
TBG 5	12/27/88	Dry after 10 gal
	12/28/88	Light brown; weakly turbid; aerated
TBG 6	12/27/88	Dry after 18.5 gal
TBG 7	12/27/88	Light brown; weakly turbid
XSB Series		
XSB 2D	12/12/88	Light yellow brown; dry after 7 gal; weakly turbid
YSB Series		
YSB 4A	12/17/88	Light brown; weakly turbid



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## SAMPLE ANALYSIS

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

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

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

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

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

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

### REPLICATE ANALYSES OF SAMPLES

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

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

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

# SAMPLE ANALYSIS

## REPLICATE ANALYSES OF SAMPLES (cont.)

<u>Well: AOB 1</u>	<u>Primary Laboratory</u>	<u>Blind Replicate</u>	<u>Weston</u>	<u>Enwright</u>
Acenaphthene (µg/L)	<10	<10	<10	<10
Acenaphthylene (µg/L)	<10	<10	<10	<10
Anthracene (µg/L)	<10	<10	<10	<10
Benzo(a)anthracene (µg/L)	<10	<10	<10	<10
Benzo(a)pyrene (µg/L)	<20	<20	<10	<10
Butylbenzyl phthalate (µg/L)	<10	<10	<10	<10
Benzidine (µg/L)	<40	<40	-	<50
Benzo(g,h,i)perylene (µg/L)	<20	<20	<10	<10
Benzo(k)fluoranthene (µg/L)	<20	<20	<10	<10
Bis(2-chloroethoxy)methane (µg/L)	<20	<20	<10	<10
Bis(2-chloroisopropyl)ether (µg/L)	<20	<20	<10	<10
Bis(2-chloroethyl)ether (µg/L)	<10	<10	-	<10
Bis(2-ethylhexyl)phthalate (µg/L)	<10	<10	<10	<10
Chrysene (µg/L)	<20	<20	<10	<10
Hexachlorobenzene (µg/L)	<10	<10	<10	<10
Hexachlorocyclopentadiene (µg/L)	<10	<10	<10	<10
Hexachloroethane (µg/L)	<10	<10	<10	<10
Dibenz(a,h)anthracene (µg/L)	<20	<20	<10	<10
Diethyl phthalate (µg/L)	<10	<10	<10	<10
Dimethyl phthalate (µg/L)	<10	<10	<10	<10
Di-n-butyl phthalate (µg/L)	<10	<10	<10	<10
Di-n-octyl phthalate (µg/L)	<10	<10	<10	<10
Fluoranthene (µg/L)	<10	<10	<10	<10
Fluorene (µg/L)	<10	<10	<10	<10
Hexachlorobutadiene (µg/L)	<10	<10	<10	<10
Indeno(1,2,3-c,d)pyrene (µg/L)	<20	<20	<10	<10
Isophorone (µg/L)	<10	<10	<10	<10
Naphthalene (µg/L)	<10	<10	<10	<10
Nitrobenzene (µg/L)	<10	<10	<10	<10
N-Nitrosodimethylamine (µg/L)	<10	<10	-	<10
N-Nitrosodipropylamine (µg/L)	<10	<10	<10	<10
N-Nitrosodiphenylamine (µg/L)	<10	<10	<10	<10
Pentachlorophenol (µg/L)	<10	<10	<50	<20
Phenanthrene (µg/L)	<10	<10	<10	<10
Phenols (µg/L)	<10	<10	<10	<10.0
Pyrene (µg/L)	<10	<10	<10	<10
1,2-Dichlorobenzene (µg/L)	<10	<10	<10	<10
1,2-Diphenylhydrazine (µg/L)	<20	<20	-	<10
1,3-Dichlorobenzene (µg/L)	<10	<10	<10	<10
1,4-Dichlorobenzene (µg/L)	<10	<10	<10	<10
2-Chlorophenol (µg/L)	<10	<10	<10	<10
2-Chloronaphthalene (µg/L)	<10	<10	<10	<10
2-Nitrophenol (µg/L)	<20	<20	<10	<20 <20
2,4-Dichlorophenol (µg/L)	<10	<10	<10	<10
2,4-Dimethylphenol (µg/L)	<10	<10	<10	<10
2,4-Dinitrophenol (µg/L)	<50	<50	<50	<10
2,4-Dinitrotoluene (µg/L)	<20	<20	<10	<10
2,4,6-Trichlorophenol (µg/L)	<10	<10	<10	<10
2,6-Dinitrotoluene (µg/L)	<20	<20	<10	-
3,3'-Dichlorobenzidine (µg/L)	<20	<20	<20	<50
4-Bromophenyl phenyl ether (µg/L)	<10	<10	<10	<10
4-Chlorophenyl phenyl ether (µg/L)	<10	<10	<10	<10
3-Methyl-4-chlorophenol (µg/L)	<10	<10	<10	<10



# SAMPLE ANALYSIS

## REPLICATE ANALYSES OF SAMPLES (cont.)

<u>Well: AOB 1 (cont.)</u>	<u>Primary</u>	<u>Blind</u>	<u>Weston</u>	<u>Enwright</u>
<u>Laboratory</u>	<u>Replicate</u>			
4-Nitrophenol (µg/L)	<50	<50	<50	-
2-Methyl-4,6-dinitrophenol (µg/L)	<20	<20	<50	<20
<u>Well: BGO 2D</u>				
Silver (µg/L)	<2	<2	<10.0	<10.0
Gross alpha (pCi/L)	2.62*	3.06* 2.56*	0	2.60
Arsenic (µg/L)	<2	<2	<10	<10
Barium (µg/L)	23 23	23	<200	<100
Nonvolatile beta (pCi/L)	2.91*	1.98* 2.01*	3	2.10
Calcium (mg/L)	1.12 1.06	1.28	<5.00	1.40
Cadmium (µg/L)	<2 <2	<2	<5	<10
Chloride (mg/L)	3.7	3.0	<2.5	3
Specific conductance (µmhos/cm)	55.1 49.9	53.6 49.4	40.2	40
	54.6 54.3	49.7 50.2		
		47.9		
Chromium (µg/L)	<4 <4	<4	<10.0	<50
Endrin (µg/L)	<0.1	<0.1 <0.1	<0.1	<0.1
Fluoride (µg/L)	<100	<100	<100	<100
Iron (µg/L)	<20 <20	21	<100	50
Lindane (µg/L)	<0.05	<0.05 <0.05	<0.05	<0.1
Mercury (µg/L)	<0.20	2.86	<0.2	<0.5
Potassium (mg/L)	<0.500	<0.500	<5.0	0.610
Methoxychlor (µg/L)	<0.5	<0.5 <0.5	<0.5	<0.20
Magnesium (mg/L)	1.02 1.03	1.06	<5	1.00
Manganese (µg/L)	3 4	4	<15.0	<20
Sodium (mg/L)	2.34 2.57	2.53	<5.00	2.40
Nitrate (as N) (mg/L)	3.00	3.23	2.80	3.50
Lead (µg/L)	<6 <6	<6	<5.0	<10
pH (pH)	4.76 4.39	4.76 4.32	4.7	4.5
	4.53 4.65	4.33 4.30		
		4.28		
Phenols (µg/L)	<5	<5	<5	<5.00
Selenium (µg/L)	<2	<2	<5	<10
Silica (mg/L)	3.22	3.29	2.00	6.4
Silvex (µg/L)	<0.09 <0.09	<0.09	<0.50	<0.1
Sulfate (mg/L)	<5.00	<5.00	<5.0	<5
Total dissolved solids (mg/L)	64	62 64	28	46
Total organic carbon (mg/L)	<1.00 <1.00	<1.00 <1.00	<0.500	<5.00
	<1.00			
Total radium (pCi/L)	1.21*	0.84* 0.96*	0.40	2.58
Total organic halogens (µg/L)	86 10	88 91	<10.0	32
	46 6	18 63		
Total phosphates (µg/L)	<20	20	<50	<10
Tritium (pCi/L)	21.9*	21.3* 10.7*	26	15.5
Toxaphene (µg/L)	<1	<1 <1	<1	<0.5
2,4-D (µg/L)	<0.30 <0.30	<0.30 <0.30	<1.0	<0.5
Turbidity (NTU)	0.300	0.809	0.950	<1
<u>Well: BGO 7D</u>				
Silver (µg/L)	<2	<2	<10.0	<10.0
Gross alpha (pCi/L)	2.60*	3.16*	0	2.00
Arsenic (µg/L)	<2	<2	<5	<10

# SAMPLE ANALYSIS

## REPLICATE ANALYSES OF SAMPLES (cont.)

Well: BGO 7D (cont.)	Primary Laboratory	Blind Replicate	Weston	Enwright
Barium (µg/L)	13	9	<200	<100
Nonvolatile beta (pCi/L)	1.77*	1.89*	0	2.30
Bromodichloromethane (µg/L)	<5	<5	<5 <5	<10
Calcium (mg/L)	1.24	0.777	<5.00	0.930
Trichlorofluoromethane (µg/L)	<5	<5	<5 <5	<10
Carbon tetrachloride (µg/L)	<5	<5	<5 <5	<10
Cadmium (µg/L)	<2	<2	<5	<10
Bromoform (µg/L)	<10	<10	<5 <5	<10
Chloroform (µg/L)	<5	<5	<5 <5	<10
Methylene chloride (µg/L)	<5	<5	<5 12	<10
Bromomethane (µg/L)	<10	<10	<10 <10	<10
Chloromethane (µg/L)	<10	<10	<10 <10	<10
Chloride (mg/L)	3.8	3.1	2.8	4
Chlorobenzene (µg/L)	<5	<5	<5	<10
Specific conductance (µmhos/cm)	40.3 42.9 43.1 36.1 37.7	39.0 39.2 39.8 41.7	29.4	30
Chromium (µg/L)	<4	<4	<10.0	<50
Chloroethene (µg/L)	<10	<10	<10 <10	<10
Chloroethane (µg/L)	<10	<10	<10 <10	<10
Benzene (µg/L)	7	<5	<5	<10
Dibromochloromethane (µg/L)	<5	<5	<5 <5	<10
Endrin (µg/L)	<0.1	<0.1 <0.1	<0.1	<0.1
Ethylbenzene (µg/L)	<5	<5	<5 <5	<10
Fluoride (µg/L)	<100	<100	<100	<100
Iron (µg/L)	<20	<20	<100	100
Lindane (µg/L)	<0.05	<0.05 <0.05	<0.05	<0.1
Mercury (µg/L)	0.52	<0.20	<0.2	<0.50
Potassium (mg/L)	<0.500	<0.500	<5.0	<1.00
Toluene (µg/L)	<5	<5	<5	<10
Methoxychlor (µg/L)	<0.5	<0.5 <0.5	<0.50	<0.20
Magnesium (mg/L)	0.630	0.496	<5.00	0.580
Manganese (µg/L)	21.0	17.0	18.8	<20
Sodium (mg/L)	2.70	2.23	<5.00	<5.00
Nitrate (as N) (mg/L)	1.59	1.59	1.40 <0.100	2.00
Lead (µg/L)	<6	<6	<5.0	<10
pH (pH)	4.64 4.65 4.70 4.81 4.74	4.63 4.77 4.77 4.75	5.0	4.9
Phenols (µg/L)	<5	<5	<5	<5.00
Selenium (µg/L)	<2	<2 <2	<5	<10
Silica (mg/L)	3.86	3.78	2.59	8.7
Silvex (µg/L)	<0.09	<0.09	<0.50	<0.1
Sulfate (mg/L)	<5.00	<5.00	<5.0	<5
1,1,2,2-Tetrachloroethane (µg/L)	<10	<10	<5 <5	<10
Tetrachloroethylene (µg/L)	24	17	12 13	21
Total dissolved solids (mg/L)	49	51	36	44
Total organic carbon (µg/L)	<1.00 <1.00 <1.00 <1.00 <1.00	<1.00 <1.00 <1.00 <1.00	<0.500	<5.00
Total radium (pCi/L)	0.69*	0.88*	0.80	0.80
Total organic halogens (µg/L)	77 58 71 79	72 80 74 68	5.0	27
Total phosphates (µg/L)	30	30	<20	10
Trichloroethylene (µg/L)	89	76	60	86

# SAMPLE ANALYSIS

## REPLICATE ANALYSES OF SAMPLES (cont.)

Well: BGO 7D (cont.)	Primary Laboratory	Blind Replicate	Weston	Enwright
Tritium (pCi/mL)	46.8*	47.9*	70	32.1
Toxaphene (µg/L)	<1	<1	<1	<0.5
t-1,2-Dichloroethene (µg/L)	<5	<5	<5	<5
1,1-Dichloroethylene (µg/L)	<5	<5	<5	<10
1,1-Dichloroethane (µg/L)	<5	<5	<5	<10
1,1,1-Trichloroethane (µg/L)	<5	<5	<5	<10
1,1,2-Trichloroethane (µg/L)	<5	<5	<5	<10
1,2-Dichloroethane (µg/L)	<1	<1	<5	<10
1,2-Dichloropropane (µg/L)	<10	<10	<5	<10
c-1,3-Dichloropropene (µg/L)	<5	<5	<5	<10
t-1,3-Dichloropropene (µg/L)	<5	<5	<5	<10
2-Chloroethylvinyl ether (µg/L)	<10	<10	<5	<10
2,4-D (µg/L)	0.75	<0.30	<1.0	<0.5
Turbidity (NTU)	0.089	0.093	0.076	0.720

### Well: FSB 76A

Gross alpha (pCi/L)	<3.00*	<3.00*	0	<0.81
Nonvolatile beta (pCi/L)	2.28*	2.14*	4	2.60
Cadmium (µg/L)	<2	<2	<5	<10
Specific conductance (µmhos/cm)	118	118	114	115
Chromium (µg/L)	<4	<4	<10.0	<50
Copper (µg/L)	9	9	<25	<20
Iron (µg/L)	<20	<20	<100	<50
Mercury (µg/L)	<0.20	<0.20	<0.2	<0.5
Manganese (µg/L)	5	5	<15.0	<20
Sodium (mg/L)	2.07	2.32	<5.00	1.90
Nickel (µg/L)	<4	<4	<40	<50
Nitrate (as N) (µg/L)	<0.05	<0.05	<0.1	<0.2
Lead (µg/L)	<6	<6	<5.0	<10.0
pH (pH)	6.79	6.86	6.8	6.7
Total organic carbon (µg/L)	<1.00	<1.00	<0.500	<5.00
Total organic halogens (µg/L)	<5	<5	<10.0	<5
Total phosphates (µg/L)	430	430	290	300
Tritium (pCi/mL)	<0.70*	<0.70*	0	<0.62
Zinc (µg/L)	29	10	42.4	20.0

### Well: FSB 89C

Silver (µg/L)	<2	<2	<10.0	<0.01
Gross alpha (pCi/L)	<3.00*	1.07*	0.94*	0
Arsenic (µg/L)	<2	<2	<10	<10
Barium (µg/L)	13	15	<200	<100
Nonvolatile beta (pCi/L)	2.73*	2.50*	1.56*	4
Calcium (µg/L)	5.18	4.59	<5.00	5.10
Cadmium (µg/L)	<2	<2	<2	<5
Chloride (mg/L)	5.9	3.2	2.70	3
Specific conductance (µmhos/cm)	66.8	67.6	54.9	57
Chromium (µg/L)	<4	<4	<4	<10.0
Copper (µg/L)	4	11	9	<25
Fluoride (µg/L)	<100	<100	<100	<100
Iron (µg/L)	<20	21	<20	<100
Mercury (µg/L)	<0.20	<0.20	<0.2	<0.5
Potassium (mg/L)	2.12	<0.500	<0.500	<5.00
Magnesium (mg/L)	0.449	0.406	<5.00	0.420

# SAMPLE ANALYSIS

## REPLICATE ANALYSES OF SAMPLES (cont.)

Well: FSB 89C (cont.)	Primary Laboratory		Blind Replicate		Weston	Enwright
Manganese (µg/L)	16		31		18.8	20
Sodium (mg/L)	3.77		3.61		<5.00	3.90
Nickel (µg/L)	<4		<4	<4	<40	<50
Nitrate (as N) (mg/L)	1.90		1.87		1.80	1.80
Lead (µg/L)	<6		<6	<6	<5.0	<10
pH (pH)	6.24		6.17		6.4	6.2
Phenols (µg/L)	<5		<5		<5	<5.00
Selenium (µg/L)	<2		<2		<5	<10
Silica (mg/L)	4.26	4.23	4.48		2.70	8.9
Sulfate (mg/L)	<5.00		<5.00		<5.0	<5
Total dissolved solids (mg/L)	72		90		50	56
Total organic carbon (mg/L)	<1.00	<1.00	<1.00		0.660	<5.00
Total radium (pCi/L)	<1.00*		<1.00*	<1.00*	0.40	<0.53
Total organic halogens (µg/L)	9		8		<10.0	30
Total phosphates (µg/L)	31		30		<50	<10
Tritium (pCi/L)	24.8*		25.0*	25.1*	30	14.5
Zinc (µg/L)	12		24		43.2	40
Well: FSB101A						
Silver (µg/L)	<2	<2	<2		<10.0	<10.0
Gross alpha (pCi/L)	1.95*		1.37*		13	<0.89
Arsenic (µg/L)	<2	<2	<2		<10	<10
Barium (µg/L)	36	39	42	43	<200	<100
Nonvolatile beta (pCi/L)	2.84*		1.55*		0	1.70
Calcium (mg/L)	24.0	27.8	29.4	28.4	25.0	24.0
Cadmium (µg/L)	<2		<2	<2	<5	<10
Chloride (mg/L)	2.7		2.8		2.6	3
Specific conductance (µmhos/cm)	167		167		168	150
Chromium (µg/L)	<4		<4	<4	<10	<50
Copper (µg/L)	17		12	18	<25	<20
Fluoride (µg/L)	<100		<100		<100	<100
Iron (µg/L)	<20		33	<20	<100	100
Mercury (µg/L)	0.20		<0.20		<0.2	<0.5
Potassium (mg/L)	1.14		1.67	1.76	<5.0	1.10
Magnesium (mg/L)	0.610	0.575	0.693	0.683	<5.00	0.690
Manganese (µg/L)	3	4	3	5	<15.0	60
Sodium (mg/L)	2.26	2.15	2.66	2.74	<5.00	2.40
Nickel (µg/L)	<4		4	4	<40	<50
Nitrate (as N) (mg/L)	1.91		1.91		1.60	1.70
Lead (µg/L)	<6		<6	<6	<5.0	<10
pH (pH)	7.55		7.51		7.2	7.5
Phenols (µg/L)	<5		<5		<5	<5.00
Selenium (µg/L)	<2	<2	<2		<5	<10
Silica (mg/L)	8.10		8.18		4.91	15.0
Sulfate (mg/L)	<5.00	<5.00	<5.00		<5.0	<5.0
Total dissolved solids (mg/L)	186		146		110	97
Total organic carbon (mg/L)	<1.00		<1.00		<0.500	<5.00
Total radium (pCi/L)	<1.00*		<1.00*		0.00	0.71
Total organic halogens (µg/L)	<5		<5		29.0	30
Total phosphates (µg/L)	170		150		96	100
Tritium (pCi/mL)	<0.70*		<0.70*		0	0.60
Zinc (µg/L)	8	11	13	17	<20.0	50

# SAMPLE ANALYSIS

## REPLICATE ANALYSES OF SAMPLES (cont.)

Well: HAP 1	Primary Laboratory	Blind Replicate	Weston	Enwright
Silver (µg/L)	<2	<2	<10.0	<10
Gross alpha (pCi/L)	<3.00*	<3.00*	0	1.37
Arsenic (µg/L)	<2	<2	<10	<10
Barium (µg/L)	39	46	<200	<100
Nonvolatile beta (pCi/L)	1.58*	3.85*	4	5.41
Calcium (mg/L)	47.1	51.4	40.3	7.50
Cadmium (µg/L)	<2	<2	<5	<10
Chloride (mg/L)	6.2	5.8	-	9
Specific conductance (µmhos/cm)	114	110	142 142	140
Chromium (µg/L)	<4	<4	<10.0	<50
Fluoride (µg/L)	<100	<100	<100	150
Iron (µg/L)	<20	<20	<100	290
Mercury (µg/L)	0.46 0.83	<0.20	<0.2	<0.5
Potassium (mg/L)	3.14	2.92	<5.0	5.10
Magnesium (mg/L)	1.14	1.23	<5.00	1.70
Manganese (µg/L)	5	5	<15.0	500
Sodium (mg/L)	9.83	8.71	9.83	130
Nitrate (as N) (mg/L)	1.33	1.38	1.50	1.00
Lead (µg/L)	<6	<6	<5	<100
pH (pH)	5.68	5.62	6.0	6.4
Phenols (µg/L)	<5	<5	<5	<5.00
Selenium (µg/L)	<2	<2	<5	<10
Silica (mg/L)	8.27	8.21	2.76	7.7
Sulfate (mg/L)	<5.00	<5.00	<5.0	<5
Total dissolved solids (mg/L)	94	98	72	74
Total organic carbon (mg/L)	1.20	<1.00 <1.00	1.30	8.00
Total radium (pCi/L)	<1.00*	<1.00*	0.80	<0.23
Total organic halogens (µg/L)	19	20	16.0	<10
Total phosphates (µg/L)	<20	<20 20	<50	<10
Tritium (pCi/mL)	21.4*	22.7*	0	14.6
Well: HSB117A				
Silver (µg/L)	<2	<2	<10.0	<10.0
Gross alpha (pCi/L)	2.54*	3.20*	0	2.70
Arsenic (µg/L)	<2	<2	<10	<10
Barium (µg/L)	39	40	<200	<100
Nonvolatile beta (pCi/L)	4.36*	4.90*	7	4.40
Calcium (mg/L)	19.6	20.5	21.2	21.0
Cadmium (µg/L)	<2	<2	<5	<10
Chloride (mg/L)	2.5	2.9	<2.5	3
Cobalt (µg/L)	<4	<4	<50	<50
Specific conductance (µmhos/cm)	164 177	160	161	140
Chromium (µg/L)	<4	<4	<10	<50
Copper (µg/L)	11	12	<25	<20
Fluoride (µg/L)	160	120 100	110	140
Iron (µg/L)	25	21	<100	<50
Lead (µg/L)	<6	<6	<5.0	<10
Mercury (µg/L)	<0.20	<0.20	<0.2	<0.5
Magnesium (mg/L)	0.902	0.937	<5.00	0.960
Manganese (µg/L)	113	115	133	130
Nickel (µg/L)	<4	<4	<40	<50
Nitrate (as N) (mg/L)	0.090	<0.050	<0.100	<0.200
pH (pH)	6.96 6.96	7.11	7.0	7.0
Phenols (µg/L)	<5	<5	<5	<5.00

# SAMPLE ANALYSIS

## REPLICATE ANALYSES OF SAMPLES (cont.)

Well: HSB117A (cont.)	Primary Laboratory	Blind Replicate	Weston	Enwright
Selenium (µg/L)	<2	<2	<5	-
Sodium (mg/L)	2.26	2.30	<5.00	2.40
Sulfate (mg/L)	7.50	7.40	6.5	6
Total dissolved solids (mg/L)	168	170	114	110
Total organic carbon (mg/L)	<1.00	<1.00	<0.500	<5.00
Total radium (pCi/L)	<1.00*	0.71*	0.60	<1.02
Total organic halogens (µg/L)	<5	<5	<10	21
Total phosphates (µg/L)	220	210	120	100
Potassium (mg/L)	4.71	4.58	<5.0	4.40
Antimony (µg/L)	<30	<30	<60	<200
Silica (mg/L)	12.7	12.7	8.18	26.0
Tritium (pCi/mL)	<0.70*	<0.70*	0	<0.57
Zinc (µg/L)	14	30	27.5	50
Well: HSB118A				
Silver (µg/L)	<2	<2	<10.0	<10.0
Gross alpha (pCi/L)	3.05*	2.90*	0	2.00
Arsenic (µg/L)	<2	2	<10	<10
Barium (µg/L)	75	73	<200	<100
Nonvolatile beta (pCi/L)	4.98*	5.20*	7	4.70
Calcium (mg/L)	25.3	25.1	24.6	23.0
Cadmium (µg/L)	<2	<2	<5	<10
Chloride (mg/L)	2.9	3.0	<2.5	3
Specific conductance (µmhos/cm)	178	176	162	160
Chromium (µg/L)	6	<4	<10.0	<50
Copper (µg/L)	12	12	<25	<20
Fluoride (µg/L)	100	120	150	170
Iron (µg/L)	60	32	<100	100
Lead (µg/L)	<6	<6	<5.0	<10
Mercury (µg/L)	4.98	0.58	0.47	<0.5
Magnesium (mg/L)	0.803	0.771	<5.00	0.810
Manganese (µg/L)	71	67	80.4	100
Nickel (µg/L)	<4	<4	<40	<50
Nitrate (as N) (mg/L)	0.100	0.060	<0.100	<0.200
pH (pH)	7.21	7.25	6.9	7.2
Phenols (µg/L)	<5	<5	<5	<5.00
Selenium (µg/L)	<2	<2	<5	<10
Sodium (mg/L)	3.31	2.89	<5.00	3.00
Sulfate (mg/L)	8.40	8.60	7.6	7
Total dissolved solids (mg/L)	172	186	128	130
Total organic carbon (mg/L)	<1.00	<1.00	<0.500	<5.00
Total radium (pCi/L)	0.99*	0.63*	0.40	1.72
Total organic halogens (µg/L)	<5	<5	<10.0	14
Total phosphates (µg/L)	280	270	170	200
Cobalt (µg/L)	<4	<4	<50	<50
Potassium (mg/L)	4.38	4.66	5.0	3.80
Antimony (µg/L)	<30	<30	<60	<200
Silica (mg/L)	13.9	1.43	9.45	32.0
Tritium (pCi/mL)	<0.70*	<0.70*	0	<0.57
Zinc (µg/L)	18	17	58.1	40

# SAMPLE ANALYSIS

## REPLICATE ANALYSES OF SAMPLES (cont.)

Well: HSB130C	Primary Laboratory		Blind Replicate	Weston	Enwright
Silver (µg/L)	<2	<2	<2	<10.0	<10.0
Gross alpha (pCi/L)	<3.00*		<3.00*	0	<0.555
Arsenic (µg/L)	<2	<2	<2	<10	<10
Barium (µg/L)	21		21	<200	<100
Nonvolatile beta (pCi/L)	<2.00*		<2.00*	3	<1.02
Calcium (mg/L)	25.7		24.3	23.3	24.0
Cadmium (µg/L)	<2		<2	<5	<10
Chloride (mg/L)	2.7		2.5	<2.5	2
Specific conductance (µmhos/cm)	171		173	162	160
Chromium (µg/L)	<4		<4	<10.0	50
Copper (µg/L)	12		11	<25	<20
Fluoride (µg/L)	<100		<100	<100	<100
Iron (µg/L)	<20		<20	<100	150
Lead (µg/L)	<6		<6	<5.0	<10
Mercury (µg/L)	0.36		<0.20	<0.2	<0.5
Magnesium (mg/L)	0.606		0.608	<5.00	0.660
Manganese (µg/L)	3		3	<15.0	50
Nickel (µg/L)	<4		<4	<40	<50
Nitrate (as N) (mg/L)	0.350	0.350	0.360	0.240	0.300
pH (pH)	8.01		8.02	7.9	8.0
Phenols (µg/L)	<5		<5	<5	<5.00
Selenium (µg/L)	<2	<2	<2	<5	<10
Sodium (mg/L)	5.12		5.07	5.35	5.10
Sulfate (mg/L)	<5.00		<5.00	<5.0	<5
Total dissolved solids (mg/L)	182		156	109	130
Total organic carbon (mg/L)	<1.00		<1.00	<0.500	<5.00
Total radium (pCi/L)	<1.00*		<1.00*	0.00	<0.49
Total organic halogens (µg/L)	<5		<5	<10.0	<10
Total phosphates (µg/L)	110	120	100	53	50
Cobalt (µg/L)	<4		<4	<50	<50
Potassium (mg/L)	0.868		0.730	<5.00	1.40
Antimony (µg/L)	<30		<30	<60	<200
Silica (mg/L)	6.36		6.41	3.72	12.0
Tritium (pCi/mL)	<0.70*		<0.70*	0	<0.63
Zinc (µg/L)	13		6	<20	60
Well: LFW 36					
Endrin (µg/L)	<0.1		<0.1	<0.1	<0.1
Lindane (µg/L)	<0.05		<0.05	<0.051	<0.1
Methoxychlor (µg/L)	<0.5		<0.5	<0.51	<0.20
Silvex (µg/L)	<0.09		0.10	<0.53	<0.1
Toxaphene (µg/L)	<1		<1	<1	<0.5
2,4-D (µg/L)	<0.30		<0.30	<1.1	<0.5
Well: LFW 42					
Endrin (µg/L)	<0.1		<0.1	<0.1	<0.1
Lindane (µg/L)	<0.05		<0.05	<0.051	<0.1
Methoxychlor (µg/L)	<0.5		<0.5	<0.51	<0.20
Silvex (µg/L)	<0.09		<0.09	<0.54	<0.1
Toxaphene (µg/L)	<1		<1	<1	<0.5
2,4-D (µg/L)	<0.30		<0.30	<1.1	<0.5

# SAMPLE ANALYSIS

## REPLICATE ANALYSES OF SAMPLES (cont.)

Well: MSB 19A	Primary Laboratory	Blind Replicate	Weston	Enwright
Silver (µg/L)	<2	<2	<10.0	<10.0
Aluminum (µg/L)	<20	<20	<200	<400
Arsenic (µg/L)	<2	<2	<5	<10
Barium (µg/L)	<4	4	<200	<100
Cadmium (µg/L)	<2	<2	<5	<10
Chloride (mg/L)	1.9	2.1	<2.5	1
Specific conductance (µmhos/cm)	27.6	27.8	20.1	22
Chromium (µg/L)	<4	<4	<10.0	<50
Copper (µg/L)	4	<4	<25	<20
Cyanide (µg/L)	<5	<5	<10.0	<20
Lead (µg/L)	10	11	5.4	<10
Mercury (µg/L)	<0.20	<0.20	<0.2	<0.5
Nickel (µg/L)	<4	<4	<40	<50
Nitrate (as N) (mg/L)	1.34	1.31	1.20	1.30
pH (pH)	5.21	5.23	5.2	5.2
Phenols (µg/L)	<5	<5	<5	<5.00
Selenium (µg/L)	<2	<2	<5	<10
Sodium (mg/L)	1.64	1.97	1.84	<5.00
Sulfate (mg/L)	<5.00	<5.00	<5.0	<5
Total phosphates (µg/L)	20	30	<20	<10
Uranium (mg/L)	<1	<1	<1	<1.00
Zinc (µg/L)	57	65	69.4	40

Well: MSB 21A						
Silver (µg/L)	<2	<2	<2	<10.0	<10.0	
Aluminum (µg/L)	<20		<20	332	<400	
Arsenic (µg/L)	<2		<2	<5	<10	
Barium (µg/L)	<4		<4	<200	<100	
Cadmium (µg/L)	<2		<2	<5	<10	
Chloride (mg/L)	2.5		2.2	<2.5	2	
Specific conductance (µmhos/cm)	25.3		24.1	19.5	21	
Chromium (µg/L)	<4		<4	10.2	<50	
Copper (µg/L)	<4		<4	<25	<20	
Cyanide (µg/L)	<5		<5	<10.0	<20	
Lead (µg/L)	<6		<6	5.3	<10	
Mercury (µg/L)	<0.20		<0.20	<0.2	<0.5	
Nickel (µg/L)	<4		<4	<40	<5	
Nitrate (as N) (mg/L)	1.02		1.03	1.03	0.920	1.00
pH (pH)	5.46		5.49		5.4	5.4
Phenols (µg/L)	<5		<5	<5	<5	<5
Selenium (µg/L)	<2		<2	<5	<10	<10
Sodium (mg/L)	1.75	1.65	1.75	<5.00	<5.00	<5.00
Sulfate (mg/L)	<5.00		<5.00	<5.0	<5	<5
Total phosphates (µg/L)	40		940	<20	<10	<10
Uranium (mg/L)	<1		<1	<1	<1.00	<1.00
Zinc (µg/L)	70	72	77	128	50	50

<u>Well: MSB 36C</u>				
Silver (µg/L)	<2	<2	<10.0	<10.0
Aluminum (µg/L)	<20	<20	<200	<400
Arsenic (µg/L)	<2	<2	<5	<10
Barium (µg/L)	5	5	<200	<100
Cadmium (µg/L)	<2	<2	<5	<10



# SAMPLE ANALYSIS

## REPLICATE ANALYSES OF SAMPLES (cont.)

Well: MSB 36C (cont.)	Primary Laboratory	Blind Replicate	Weston	Enwright
Chloride (mg/L)	2.0	3.6	<2.5	<1
Specific conductance (μmhos/cm)	27.0	27.0	21.3	22
Chromium (μg/L)	<4	<4	<10.0	<50
Copper (μg/L)	<4	<4	<25	<20
Cyanide (μg/L)	<5	<5	<10.0	<20
Lead (μg/L)	6	<6	<5.0	<10
Mercury (μg/L)	0.26	<0.20	<0.2	<0.5
Nickel (μg/L)	<4	<4	<40	<50
Nitrate (as N) (mg/L)	1.58	1.59	1.40	1.60
pH (pH)	5.30	5.25	5.1	5.0
Phenols (μg/L)	<5	<5	<5	<0.005
Selenium (μg/L)	<2	<2	<5	<10
Sodium (mg/L)	2.30	1.96	<5.00	<5.00
Sulfate (mg/L)	<5.00	<5.00	<5.0	<5
Total phosphates (μg/L)	40	30 30	<20	<10
Uranium (mg/L)	<1	<1	<1	<1.00
Zinc (μg/L)	19	15	34	<10
Well: YSB 4A				
Silver (μg/L)	<2	<2	<10.0	<10.0
Gross alpha (pCi/L)	<3.00*	1.42*	0	2.33
Arsenic (μg/L)	<2	<2	<10	<10
Barium (μg/L)	12 10	11	<200	<100
Nonvolatile beta (pCi/L)	1.98*	2.53*	0	3.54
Bromodichloromethane (μg/L)	<5	<5	<5 <5	<10
Trichlorofluoromethane (μg/L)	<5	<5	<5	<10
Carbon tetrachloride (μg/L)	<5	<5	<5 <5	<10
Cadmium (μg/L)	<2 <2	<2	<5	<10
Bromoform (μg/L)	<10	<10	<5 <5	<10
Chloroform (μg/L)	<5	<5	<5 <5	<10
Methylene chloride (μg/L)	<5	5	<5 <5	<10
Bromomethane (μg/L)	<10	<10	<10 <10	<10
Chloromethane (μg/L)	<10	<10	<10 <10	<10
Chloride (mg/L)	6.4	6.4	-	7
Chlorobenzene (μg/L)	<5	<5	<5	<10
Specific conductance (μmhos/cm)	61.3	62.6	52.8	56
Chromium (μg/L)	<4 <4	<4	<10.0	<50
Chloroethene (μg/L)	<10	<10	<10 <10	<100
Chloroethane (μg/L)	<10	<10	<10 <10	<10
Benzene (μg/L)	<5	<5	<5	<10
Dibromochloromethane (μg/L)	<5	<5	<5 <5	<10
Ethylbenzene (μg/L)	<5	<5	<5 <5	<10
Fluoride (μg/L)	<100	<100	<100	<100

# SAMPLE ANALYSIS

## REPLICATE ANALYSES OF SAMPLES (cont.)

Well: YSB 4A (cont.)	Primary Laboratory		Blind Replicate	Weston	Enwright
Iron (µg/L)	96	96	246	130	70
Lead (µg/L)	<6	<6	<6	<5.0	<100
Mercury (µg/L)	<0.20		0.40	<0.2	<0.5
Toluene (µg/L)	<5		<5	<5	<10
Manganese (µg/L)	9	8	11	<15.0	<20
Nitrate (as N) (mg/L)	1.51		1.62	2.20	1.60
pH (pH)	5.15		5.18	5.5	5.6
Phenols (µg/L)	<5		<5	<5	<50.0
Selenium (µg/L)	<2		<2	<5	<10
Sodium (mg/L)	5.71	5.47	6.56	7.03	8.70
Sulfate (mg/L)	<5.00		<5.00	<5.0	<5
1,1,2,2-Tetrachloroethane (µg/L)	<10		<10	<5 <5	<10
Tetrachloroethylene (µg/L)	<5		<5	<5 <5	<10
Total organic carbon (mg/L)	<1.00		<1.00	0.510	<5.00
Total radium (pCi/L)	0.86*		<1.00*	0.90	1.40
Total organic halogens (µg/L)	<5		<5	<10.0 <10.0	<10
Trichloroethylene (µg/L)	<5		<5	<5	<10
t-1,2-Dichloroethene (µg/L)	<5		<5	<5 <5	<10
1,1-Dichloroethylene (µg/L)	<5		<5	<5	<10
1,1-Dichloroethane (µg/L)	<5		<5	<5 <5	<10
1,1,1-Trichloroethane (µg/L)	<5		<5	<5 <5	<10
1,1,2-Trichloroethane (µg/L)	<5		<5	<5 <5	<10
1,2-Dichloroethane (µg/L)	<1		<1	<5 <5	<10
1,2-Dichloropropane (µg/L)	<10		<10	<5 <5	<10
c-1,3-Dichloropropene (µg/L)	<5		<5	<5 <5	<10
t-1,3-Dichloropropene (µg/L)	<5		<5	<5 <5	<10
2-Chloroethylvinyl ether (µg/L)	<10		<10	-	<10
Well: ZBG 2					
Silver (µg/L)	<2		<2	<10.0	<10.0
Gross alpha (pCi/L)	0.99*		0.94*	0	<0.94
Arsenic (µg/L)	<2		<2	<10	<50
Barium (µg/L)	5		6	<200	<100
Nonvolatile beta (pCi/L)	0.93*		<2.00*	0	<1.77
Bromodichloromethane (µg/L)	<5		<5	<5	<10
Trichlorofluoromethane (µg/L)	<5		<5	-	<10
Carbon tetrachloride (µg/L)	<5		<5	<5	<10
Cadmium (µg/L)	<2		<2	<5	<10
Bromoform (µg/L)	<10		<10	<5	<10
Chloroform (µg/L)	<5		<5	<5	<10 <10
Methylene chloride (µg/L)	<5		<5	<5	<10
Bromomethane (µg/L)	<10		10	<10	<10
Chloromethane (µg/L)	<10		<10	<10	-
Chlorobenzene (µg/L)	<5		<5	<5	<10

# SAMPLE ANALYSIS

## REPLICATE ANALYSES OF SAMPLES (cont.)

Well: ZBG 2 (cont.)	Primary Laboratory	Blind Replicate	Weston	Enwright
Chromium (µg/L)	<4	<4	36.0	<50
Chloroethene (µg/L)	<10	<10	<10	<10
Chloroethane (µg/L)	<10	<10	<10	<10
Benzene (µg/L)	<5	<5	<5	<10
Dibromochloromethane (µg/L)	<5	<5	<5	<10
Ethylbenzene (µg/L)	<5	<5	<5	<10
Lead (µg/L)	<6	<6	<5.0	<10
Mercury (µg/L)	0.27	0.52	<0.2	<0.50
Toluene (µg/L)	<5	<5	<5	<10
Nitrate (as N) (mg/L)	0.960	0.950	<0.050	1.00
Nitrite (as N) (µg/L)	<50	<50	<50	-
Selenium (µg/L)	<2	<2	<5	<10
1,1,2,2-Tetrachloroethane (µg/L)	<10	<10	<5	<10
Tetrachloroethylene (µg/L)	<5	<5	<5	<10
Total radium (pCi/L)	<1.00*	0.56*	0.50	<0.19
Trichloroethylene (µg/L)	<5	<5	<5	<10
Tritium (pCi/mL)	8.96*	11.2*	0	5.95
t-1,2-Dichloroethene (µg/L)	<5	<5	<5	<10
1,1-Dichloroethylene (µg/L)	<5	<5	<5	<10
1,1-Dichloroethane (µg/L)	<5	<5	<5	<10
1,1,1-Trichloroethane (µg/L)	<5	<5	<5	<10
1,1,2-Trichloroethane (µg/L)	<5	<5	<5	<10
1,2-Dichloroethane (µg/L)	<1	<1	<5	<10
1,2-Dichloropropane (µg/L)	<10	<10	<5	<10
c-1,3-Dichloropropene (µg/L)	<5	<5	<5	<10
t-1,3-Dichloropropene (µg/L)	<5	<5	<5	<10
2-Chloroethylvinyl ether (µg/L)	<10	<10	-	<10
Antimony (µg/L)	<3	<3	<60	<200

### Well: ZDT 2

Silver (µg/L)	<2	<2	<10.0	<10.0
Gross alpha (pCi/L)	1.18*	0.85*	0	0.650
Arsenic (µg/L)	<2	<2	<10	<10
Barium (µg/L)	12	13	<200	<100
Nonvolatile beta (pCi/L)	1.15*	1.76*	0	1.62
Calcium (mg/L)	3.40	3.53	<5.00	3.40
Cadmium (µg/L)	<2	<2	<5	<10
Chloride (mg/L)	3.0	3.3	-	3
Specific conductance (µmhos/cm)	54.1	55.8	46.4	47
Chromium (µg/L)	<4	<4	<10.0	<50
Fluoride (µg/L)	<100	<100	<100	170
Iron (µg/L)	<20	<20	<100	270
Lead (µg/L)	6	10	7.6	<100
Mercury (µg/L)	0.46	<0.20	<0.2	<0.8
Magnesium (mg/L)	0.469	0.454	<5.00	0.500
Manganese (µg/L)	23	24	33.1	40
Nitrate (as N) (mg/L)	2.32	2.33	0.880	1.90
pH (pH)	5.11	5.11	5.5	5.6
Phenols (µg/L)	<5	<5	<5	<5.00
Selenium (µg/L)	<2	<2	<5	<10
Sodium (mg/L)	4.58	4.53	<5.00	5.70
Sulfate (mg/L)	<5.00	<5.00	<5.0	<5
Total dissolved solids (mg/L)	66	54	36	28
Total organic carbon (mg/L)	<1.00	<1.00	<0.500	8.00

## SAMPLE ANALYSIS

### REPLICATE ANALYSES OF SAMPLES (cont.)

<u>Well: ZDT 2 (cont.)</u>	<u>Primary Laboratory</u>	<u>Blind Replicate</u>	<u>Weston</u>	<u>Enwright</u>
Total radium (pCi/L)	<1.00*	<1.00*	0.40	0.33
Total organic halogens (µg/L)	5	<5	<10.0	<10
Total phosphates (µg/L)	<20	<20	<50	<10
Potassium (mg/L)	0.532	<0.500	<5.00	<0.05
Silica (mg/L)	7.19	7.26	2.32	6.2
Tritium (pCi/mL)	25.4*	26.6*	5	19.2

\* Analysis performed by Radiation Measurements, Inc.

### COMMENTS ON REPLICATE ANALYSES OF SAMPLES

Weston reported markedly higher aluminum results than those reported by the other laboratories for well MSB 21A.

The gross alpha and nonvolatile beta results vary. Weston reported some results as 0 pCi/L for samples for which the other laboratories reported positive activities.

Envirodyne reported low levels of mercury in several samples. Mercury was not detected in replicate analyses or by the other laboratories. Envirodyne also reported low levels of mercury in two of the blank water samples.

The iron results are highly variable.

Some of the potassium results are highly variable.

The silica results are somewhat variable, with results from Envirodyne generally lower than those reported by Enwright and higher than those reported by Weston.

The total organic halogens results show high variability. In some cases all of the laboratories reported that organic halogens were not detectable. In many cases, however, the results vary from levels below the detection limit to elevated levels for samples from the same well.

Some of the total phosphate results are highly variable.

The tritium results are somewhat variable.

The zinc results are somewhat variable.

Enwright reported much higher results for manganese than the other laboratories for a few wells.

Enwright reported anomalous results for calcium, sodium, iron, manganese, and total organic carbon for well HAP 1.

Weston reported chromium in wells in which it was not detected by the other laboratories.

# SAMPLE ANALYSIS

## COMMENTS ON REPLICATE ANALYSES OF SAMPLES (cont.)

Weston reported lower results for nitrate than the other laboratories in several samples.

## REPLICATE ANALYSES OF STANDARDS

During fourth quarter 1988, the Health Protection Department (HP) conducted quality assessments of the three laboratories used for sample analysis-- Envirodyne Engineers, Weston Analytics, and Enwright Laboratories. HP prepared laboratory standards from PotableWatRTM Quality Control concentrates (Batch no. 2518) purchased from Environmental Resource Associates (ERA) of Arvada, Colorado. HP sent one set of prepared samples each to Envirodyne, Weston, and Enwright. HP also sent one set of unprepared samples to Envirodyne, which Envirodyne prepared in-house and analyzed.

The ERA certified value and advisory range were included with the concentrates. ERA states that the advisory range is the range of values that an experienced laboratory can expect to attain using the most precise methods and equipment. In determining its advisory ranges, ERA considers both the parameter and the most commonly used method of analysis for each parameter.

The results for the turbidity, fluoride, nitrate (as N), potassium, sulfate, and sodium samples prepared by HP were outside the result range provided by ERA. According to the instructions for the use of PotableWatRTM Quality Control concentrates, the majority of the concentrates are mixed with 1 L of reagent grade water. The parameters noted above, however, are supposed to be mixed with 500 mL of water. Because the results for these samples were close to half of the ERA certified value, it appears that HP personnel mixed the samples with 1 L of water. The ERA certified values and advisory ranges for these parameters are given in the table for comparison with the results from the samples prepared by Envirodyne. The modified values and ranges for these parameters, which are exactly half of the ERA values and ranges, are given in parentheses for comparison with the results from the samples prepared by HP.

<u>Parameter</u>	<u>Certified Value</u>	<u>Advisory Range</u>	<u>EE*</u>	<u>EE</u>	<u>WA</u>	<u>EW</u>
Chloride (mg/L)	2.20	1.98-2.42	1.71 1.73	1.0	-	3.0
Turbidity (NTU)	1.0 (0.5)	0.8-1.2 (0.4-0.6)	1.20 1.10	0.647 0.767	0.90	<1
<b>Inorganics</b>						
Fluoride (mg/L)	2.9 (1.45)	2.5-3.3 (1.25-1.65)	3.54 3.54	1.44	1.4	1.6
Nitrate (as N) (mg/L)	9.6 (4.8)	8.5-10.7 (4.25-5.35)	10.5 10.4	5.31 5.26	8.7	19
Potassium (mg/L)	30 (15)	27-33 (13.5-16.5)	<0.50 <0.50	14.4	14.6 <5	14
Sulfate (mg/L)	61 (30.5)	55-66 (27.5-33)	78.3 77.6	27.5	27.6 28.3	32

# SAMPLE ANALYSIS

## REPLICATE ANALYSES OF STANDARDS (cont.)

<u>Parameter</u>	<u>Certified Value</u>	<u>Advisory Range</u>	<u>EE*</u>	<u>EE</u>	<u>WA</u>	<u>EW</u>
<b>Inorganics (cont.)</b>						
Sodium (mg/L)	54 (27)	49-59 (24.5-29.5)	-	26.8	26.6	31
pH (pH)	8.8	8.6-9.0	8.87 8.89	8.64 8.69	9.1	9.0
<b>Metals</b>						
Arsenic (µg/L)	94.7	71-118	87 86	70 74	89	72
Barium (µg/L)	432	324-540	417 445	376	381	400
Cadmium (µg/L)	212	159-265	169 178	173	199	190
Calcium (mg/L)	25.2	19-32	28.1 27.1	26	21.4	22
Chromium (µg/L)	239	180-298	238	200	237	230
Iron (µg/L)	597	448-747	532 560	498	586	590
Lead (µg/L)	224	168-280	229 245	202	239	230
Manganese (µg/L)	248	186-310	233 246	212	236	230
Mercury (µg/L)	15	11-18	7.3 6.4	11.8	11.5	-
Selenium (µg/L)	174	129-216	153 143	163 158	153	153
<b>Organics</b>						
Lindane (µg/L)	0.143	0.041-0.19	0.12 0.12	0.14	0.13	<0.1
Endrin (µg/L)	0.322	0.097-0.47	0.37 0.37	0.50	<0.20	<0.1
Methoxychlor (µg/L)	0.724	0.19-0.98	0.64 0.80	0.58	<1.0	<0.2
2,4-D (µg/L)	0.625	0.17-0.79	<0.30 <0.30	<0.30	<1.9	<0.5
Toxaphene (µg/L)	2.07	0.84-2.7	2.01 1.93	<1.0	<2.0	<0.5
<b>Halomethanes</b>						
Chloroform (µg/L)	64.7	44-79	-	87	79	39
Bromodichloromethane (µg/L)	3.98	1.9-5.6	-	-	5	<10
Dibromochloromethane (µg/L)	22.9	15-21	-	-	29	14
Bromoform (µg/L)	12.4	5.6-19	-	-	9	<10

# SAMPLE ANALYSIS

## REPLICATE ANALYSES OF STANDARDS (cont.)

<u>Parameter</u>	<u>Certified Value</u>	<u>Advisory Range</u>	<u>EE*</u>	<u>EE</u>	<u>WA</u>	<u>EW</u>
<b>Volatiles</b>						
1,2-Dichloroethane (µg/L)	3.9	1.8-5.3	3.47 3.23	-	<5	<10
1,4-Dichlorobenzene (µg/L)	3.1	1.3-4.1	3.36 2.76	-	-	<10
Benzene (µg/L)	12.3	4.5-17	-	-	<5	<10

\* These samples were prepared by Envirodyne in-house.

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

<u>Laboratory</u>	<u>No. of Analyses</u>	<u>No. Within Limits</u>	<u>No. Outside Limits</u>	<u>Percentage Rating</u>
Envirodyne**	24	19	5	79%
Envirodyne	24	14	10	58%
Weston	28	22	6	79%
Enwright	29	19	10	66%

\*\* These samples were prepared by Envirodyne in-house.

The analyses were also reviewed using the modified values and ranges to compensate for the error in sample preparation. The samples prepared in-house by Envirodyne were not reviewed in this table because they were not affected by HP's sample preparation. Again, if a lab reported multiple results for a constituent, only the first result was considered. The review demonstrates that each laboratory performed as follows:

<u>Laboratory</u>	<u>No. of Analyses</u>	<u>No. Within Limits</u>	<u>No. Outside Limits</u>	<u>Percentage Rating</u>
Envirodyne	24	19	5	79%
Weston	28	24	4	86%
Enwright	29	21	8	72%

## BLANKS

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

## WELL BLANK

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/24/88 TIME 838  
 PH = 7.6 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 2 UPHOS/CM  
 WATER TEMPERATURE = 17.4 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	23.00 UPHC	ENV. ENG.
0	PH	6.39 PH	ENV. ENG.
0	TURBIDITY	0.09 NTU	ENV. ENG.
0	SILVER	2 US/L	ENV. ENG.
0	ALUMINUM	20 US/L	ENV. ENG.
0	ACENAPHTHENE	10 US/L	ENV. ENG.
0	ACENAPHTHYLENE	10 US/L	ENV. ENG.
0	ANTHRACENE	10 US/L	ENV. ENG.
0	ARSENIC	2 US/L	ENV. ENG.
0	BARIUM	4 US/L	ENV. ENG.
0	BENZOA IANTHRACENE	10 US/L	ENV. ENG.
0	BENZOA I PYRENE	20 US/L	ENV. ENG.
0	BUTYLBENZYL PHTHALATE	10 US/L	ENV. ENG.
0	BERYLLIUM	5 US/L	ENV. ENG.
0	BENZIDINE	40 US/L	ENV. ENG.
0	BENZOA G,H,I PERYLENE	20 US/L	ENV. ENG.
0	BENZOA K FLUORANTHENE	20 US/L	ENV. ENG.
0	BROMODICHLOROMETHANE	5 US/L	ENV. ENG.
0	BIS(2-CHLOROETHOXY) METHANE	20 US/L	ENV. ENG.
0	BIS(2-CHLOROISOPROPYL) ETHER	20 US/L	ENV. ENG.
0	BIS(2-CHLOROETHYL) ETHER	10 US/L	ENV. ENG.
0	BIS(2-ETHYLHEXYL) PHTHALATE	16 US/L	ENV. ENG.
0	CALCIUM	49 US/L	ENV. ENG.
0	TRICHLOROFLUOROMETHANE	5 US/L	ENV. ENG.
0	CARBON TETRACHLORIDE	5.00 US/L	ENV. ENG.
0	CADMIUM	2 US/L	ENV. ENG.
0	BROMOFORM	10 US/L	ENV. ENG.
0	CHLOROFORM	5 US/L	ENV. ENG.
0	CHRYSENE	20 US/L	ENV. ENG.
0	METHYLENE CHLORIDE	5 US/L	ENV. ENG.
0	BROMOMETHANE	10 US/L	ENV. ENG.
0	CHLOROMETHANE	10 US/L	ENV. ENG.
0	CHLORIDE	1000 US/L	ENV. ENG.
0	CHLOROBENZENE	5 US/L	ENV. ENG.
0	HEXACHLOROBENZENE	10 US/L	ENV. ENG.
0	HEXACHLOROCYCLOPENTADIENE	10 US/L	ENV. ENG.
0	HEXACHLOROETHANE	10 US/L	ENV. ENG.
0	COBALT	4 US/L	ENV. ENG.
0	CHROMIUM	4 US/L	ENV. ENG.
0	COPPER	4 US/L	ENV. ENG.
0	CYANIDE	5 US/L	ENV. ENG.
0	CHLOROETHENE	10 US/L	ENV. ENG.
0	CHLOROETHANE	10 US/L	ENV. ENG.
0	BENZENE	5 US/L	ENV. ENG.
0	DIBENZ(A,H)ANTHRACENE	20 US/L	ENV. ENG.
0	DIBROMOCHLOROMETHANE	5 US/L	ENV. ENG.
0	DIETHYL PHTHALATE	10 US/L	ENV. ENG.
0	DIMETHYL PHTHALATE	10 US/L	ENV. ENG.
0	DI-N-BUTYL PHTHALATE	10 US/L	ENV. ENG.
0	DI-N-OCTYL PHTHALATE	10 US/L	ENV. ENG.
0	ENDRIN	0.10 US/L	ENV. ENG.
0	ETHYLBENZENE	5 US/L	ENV. ENG.
0	FLUORIDE	100 US/L	ENV. ENG.
0	FLUORANTHENE	10 US/L	ENV. ENG.
0	IRON	20 US/L	ENV. ENG.
0	FLUORENE	10 US/L	ENV. ENG.
0	HEXACHLOROBUTADIENE	10 US/L	ENV. ENG.
0	MERCURY	0.20 US/L	ENV. ENG.
0	INDEN(1,2,3-C,D)PYRENE	20 US/L	ENV. ENG.
0	ISOPHORONE	10 US/L	ENV. ENG.
0	POTASSIUM	800 US/L	ENV. ENG.
0	LINDANE	0.05 US/L	ENV. ENG.
0	TOLUENE	5 US/L	ENV. ENG.
0	METHOXYCHLOR	0.50 US/L	ENV. ENG.
0	MAGNESIUM	19 US/L	ENV. ENG.
0	MANGANESE	2 US/L	ENV. ENG.
0	SODIUM	154 US/L	ENV. ENG.
0	SODIUM	173 US/L	ENV. ENG.
0	NAPHTHALENE	10 US/L	ENV. ENG.
0	NITROBENZENE	10 US/L	ENV. ENG.
0	N-NITROSODIMETHYLAMINE	10 US/L	ENV. ENG.
0	N-NITROSODI-PROPYLAMINE	10 US/L	ENV. ENG.
0	NICKEL	4 US/L	ENV. ENG.
0	N-NITROSODIPHENYLAMINE	10 US/L	ENV. ENG.
0	NITRATE AS NITROGEN	50 US/L	ENV. ENG.
0	LEAD	4 US/L	ENV. ENG.
0	PENTACHLOROPHENOL	10 US/L	ENV. ENG.
0	PHENANTHRENE	10 US/L	ENV. ENG.
0	PHENOL	5 US/L	ENV. ENG.
0	PHENOL	10 US/L	ENV. ENG.
0	PYRENE	10 US/L	ENV. ENG.
0	ANTHRAQUINONE	3 US/L	ENV. ENG.
0	SELENIUM	2 US/L	ENV. ENG.
0	SILICA	100 US/L	ENV. ENG.
0	SILVEX	0.09 US/L	ENV. ENG.
0	TIN	120 US/L	ENV. ENG.
0	SULFATE	5000 US/L	ENV. ENG.
0	1,1,2,2-TETRACHLOROETHANE	10 US/L	ENV. ENG.
0	TETRACHLOROETHYLENE	5.00 US/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	18000 US/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 US/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	5 US/L	ENV. ENG.
0	TOTAL PHOSPHATES	20 US/L	ENV. ENG.
0	TRICHLOROETHYLENE	5.00 US/L	ENV. ENG.
0	TCAPHENE	1 US/L	ENV. ENG.
0	TRANS-1,2-DICHLOROETHENE	5 US/L	ENV. ENG.

CONTINUED

## WELL BLANK COLLECTED ON 10/24/88 LABORATORY ANALYSES CONTINUED

0	URANIUM	LT	1000 US/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	5 US/L	ENV. ENG.
0	1,1-DICHLOROETHANE	LT	5 US/L	ENV. ENG.
0	1,1,1-TRICHLOROETHANE	LT	5 US/L	ENV. ENG.
0	1,1,2-TRICHLOROETHANE	LT	5 US/L	ENV. ENG.
0	1,2-DICHLOROBENZENE	LT	10 US/L	ENV. ENG.
0	1,2-DICHLOROETHANE	LT	1 US/L	ENV. ENG.
0	1,2-DICHLOROPROPANE	LT	10 US/L	ENV. ENG.
0	1,2-DIPHENYL HYDRAZINE	LT	20 US/L	ENV. ENG.
0	1,2,3-TRICHLOROBENZENE	LT	10 US/L	ENV. ENG.
0	1,3-DICHLOROBENZENE	LT	10 US/L	ENV. ENG.
0	CIS-1,3-DICHLOROPROPENE	LT	5 US/L	ENV. ENG.
0	TRANS-1,3-DICHLOROPROPENE	LT	5 US/L	ENV. ENG.
0	1,4-DICHLOROBENZENE	LT	10 US/L	ENV. ENG.
0	2-CHLOROETHYL VINYL ETHER	LT	10 US/L	ENV. ENG.
0	2-CHLOROPHENOL	LT	10 US/L	ENV. ENG.
0	2-CHLORONAPHTHALENE	LT	10 US/L	ENV. ENG.
0	2-NITROPHENOL	LT	20 US/L	ENV. ENG.
0	2,4-DICHLOROPHENOL	LT	0.30 US/L	ENV. ENG.
0	2,4-DICHLOROPHENOL	LT	10 US/L	ENV. ENG.
0	2,4-DIMETHYL PHENOL	LT	10 US/L	ENV. ENG.
0	2,4-DINITROPHENOL	LT	50 US/L	ENV. ENG.
0	2,4-DINITROTOLUENE	LT	20 US/L	ENV. ENG.
0	2,4,6-TRICHLOROPHENOL	LT	10 US/L	ENV. ENG.
0	2,6-DINITROTOLUENE	LT	20 US/L	ENV. ENG.
0	3,3-DICHLOROBENZIDENE	LT	20 US/L	ENV. ENG.
0	3,4-BENZOPHENANTHRENE	LT	20 US/L	ENV. ENG.
0	4-BROMOPHENYLPHENYL ETHER	LT	10 US/L	ENV. ENG.
0	4-CHLOROPHENYLPHENYL ETHER	LT	10 US/L	ENV. ENG.
0	3-METHYL-4-CHLOROPHENOL	LT	10 US/L	ENV. ENG.
0	4-NITROPHENOL	LT	50 US/L	ENV. ENG.
0	2-METHYL-4,6-DINITROPHENOL	LT	20 US/L	ENV. ENG.
0	ZINC		14 US/L	ENV. ENG.
0	GROSS ALPHA	LT	3 PC/L	RAD. MEAS.
0	NONVOLATILE BETA	LT	2 PC/L	RAD. MEAS.
0	TOTAL RADIUM	LT	1 PC/L	RAD. MEAS.
0	TRIUM	LT	0.70 PC/L	RAD. MEAS.

## WELL BLANK

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/05/88 TIME 1650  
 PH = 6.6 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 4 UPHOS/CM  
 WATER TEMPERATURE = 24.5 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	16.00 UPHC	ENV. ENG.
0	PH	6.32 PH	ENV. ENG.
0	TURBIDITY	0.08 NTU	ENV. ENG.
0	SILVER	2 US/L	ENV. ENG.
0	ALUMINUM	20 US/L	ENV. ENG.
0	ACENAPHTHENE	10 US/L	ENV. ENG.
0	ACENAPHTHYLENE	10 US/L	ENV. ENG.
0	ANTHRACENE	10 US/L	ENV. ENG.
0	ARSENIC	2 US/L	ENV. ENG.
0	BARIUM	4 US/L	ENV. ENG.
0	BENZOA IANTHRACENE	10 US/L	ENV. ENG.
0	BENZOA I PYRENE	20 US/L	ENV. ENG.
0	BUTYLBENZYL PHTHALATE	10 US/L	ENV. ENG.
0	BERYLLIUM	5 US/L	ENV. ENG.
0	BENZIDINE	40 US/L	ENV. ENG.
0	BENZOA G,H,I PERYLENE	20 US/L	ENV. ENG.
0	BENZOA K FLUORANTHENE	20 US/L	ENV. ENG.
0	BROMODICHLOROMETHANE	5 US/L	ENV. ENG.
0	BIS(2-CHLOROETHOXY) METHANE	20 US/L	ENV. ENG.
0	BIS(2-CHLOROISOPROPYL) ETHER	20 US/L	ENV. ENG.
0	BIS(2-CHLOROETHYL) ETHER	10 US/L	ENV. ENG.
0	BIS(2-ETHYLHEXYL) PHTHALATE	16 US/L	ENV. ENG.
0	CALCIUM	32 US/L	ENV. ENG.
0	TRICHLOROFLUOROMETHANE	5 US/L	ENV. ENG.
0	CARBON TETRACHLORIDE	5.00 US/L	ENV. ENG.
0	CADMIUM	2 US/L	ENV. ENG.
0	BROMOFORM	10 US/L	ENV. ENG.
0	CHLOROFORM	5 US/L	ENV. ENG.
0	CHRYSENE	20 US/L	ENV. ENG.
0	METHYLENE CHLORIDE	5 US/L	ENV. ENG.
0	BROMOMETHANE	10 US/L	ENV. ENG.
0	CHLOROMETHANE	10 US/L	ENV. ENG.
0	CHLORIDE	1000 US/L	ENV. ENG.
0	CHLOROBENZENE	5 US/L	ENV. ENG.
0	HEXACHLOROBENZENE	10 US/L	ENV. ENG.
0	HEXACHLOROCYCLOPENTADIENE	10 US/L	ENV. ENG.
0	HEXACHLOROETHANE	10 US/L	ENV. ENG.
0	COBALT	4 US/L	ENV. ENG.
0	CHROMIUM	4 US/L	ENV. ENG.
0	COPPER	4 US/L	ENV. ENG.
0	CYANIDE	5 US/L	ENV. ENG.
0	CHLOROETHENE	10 US/L	ENV. ENG.
0	CHLOROETHANE	10 US/L	ENV. ENG.
0	BENZENE	5 US/L	ENV. ENG.
0	DIBENZ(A,H)ANTHRACENE	20 US/L	ENV. ENG.
0	DIBROMOCHLOROMETHANE	5 US/L	ENV. ENG.
0	DIETHYL PHTHALATE	10 US/L	ENV. ENG.
0	DIMETHYL PHTHALATE	10 US/L	ENV. ENG.
0	DI-N-BUTYL PHTHALATE	10 US/L	ENV. ENG.
0	DI-N-OCTYL PHTHALATE	10 US/L	ENV. ENG.
0	ENDRIN	0.10 US/L	ENV. ENG.
0	ETHYLBENZENE	5 US/L	ENV. ENG.
0	FLUORIDE	100 US/L	ENV. ENG.
0	FLUORANTHENE	10 US/L	ENV. ENG.
0	IRON	20 US/L	ENV. ENG.

CONTINUED



WELL BLANK COLLECTED ON 11/05/88 LABORATORY ANALYSES CONTINUED

0	FLUORENE	LT	10 UG/L	ENV. ENG.
0	HEXACHLOROBUTADIENE	LT	10 UG/L	ENV. ENG.
0	MERCURY	LT	0.34 UG/L	ENV. ENG.
1	MERCURY	LT	0.42 UG/L	ENV. ENG.
0	INDENOL 1,2,3-C,8-PIRENE	LT	20 UG/L	ENV. ENG.
0	ISOPHORBONE	LT	10 UG/L	ENV. ENG.
0	POTASSIUM	LT	500 UG/L	ENV. ENG.
0	LITHIUM	LT	0.05 UG/L	ENV. ENG.
0	TOLUENE	LT	5 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0	MAGNESIUM	LT	245 UG/L	ENV. ENG.
0	MANGANESE	LT	2 UG/L	ENV. ENG.
0	SODIUM	LT	104 UG/L	ENV. ENG.
0	NAPHTHALENE	LT	10 UG/L	ENV. ENG.
0	NITROBENZENE	LT	10 UG/L	ENV. ENG.
0	N-NITROSOIMETHYLAMINE	LT	10 UG/L	ENV. ENG.
0	N-NITROSOI-PROPYLAMINE	LT	10 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
0	N-NITROSOBIPHENYLAMINE	LT	10 UG/L	ENV. ENG.
0	NITRITE AS NITROGEN	LT	50 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	LT	50 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	LT	50 UG/L	ENV. ENG.
0	LEAD	LT	4 UG/L	ENV. ENG.
0	PENTACHLOROPHENOL	LT	10 UG/L	ENV. ENG.
0	PHENANTHRENE	LT	10 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	PHENOL	LT	10 UG/L	ENV. ENG.
0	PYRENE	LT	10 UG/L	ENV. ENG.
0	ANTHONY	LT	3 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
0	SILICA	LT	100 UG/L	ENV. ENG.
0	SILVER	LT	0.09 UG/L	ENV. ENG.
0	TIN	LT	120 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	1,1,2,2-TETRACHLOROETHANE	LT	10 UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	LT	5.00 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	LT	60000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	TRICHLOROETHYLENE	LT	5.00 UG/L	ENV. ENG.
0	THIAPHENE	LT	1 UG/L	ENV. ENG.
0	TRANS-1,2-DICHLOROETHENE	LT	5 UG/L	ENV. ENG.
0	URANIUM	LT	1000 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	5 UG/L	ENV. ENG.
0	1,1-DICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,1,1-TRICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,1,2-TRICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,2-DICHLOROBENZENE	LT	10 UG/L	ENV. ENG.
0	1,2-DICHLOROETHANE	LT	1 UG/L	ENV. ENG.
0	1,2-DICHLOROPROPANE	LT	10 UG/L	ENV. ENG.
0	1,2-DIPHENYL HYDRAZINE	LT	20 UG/L	ENV. ENG.
0	1,2,3-TRICHLOROBENZENE	LT	10 UG/L	ENV. ENG.
0	1,3-DICHLOROBENZENE	LT	10 UG/L	ENV. ENG.
0	CIS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0	TRANS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0	1,4-DICHLOROBENZENE	LT	10 UG/L	ENV. ENG.
0	2-CHLOROETHYL VINYL ETHER	LT	10 UG/L	ENV. ENG.
0	2-CHLOROPHENOL	LT	10 UG/L	ENV. ENG.
0	2-CHLORONAPHTHALENE	LT	10 UG/L	ENV. ENG.
0	2-NITROPHENOL	LT	20 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOL	LT	0.50 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOL	LT	10 UG/L	ENV. ENG.
0	2,4-DIMETHYL PHENOL	LT	10 UG/L	ENV. ENG.
0	2,4-DINITROPHENOL	LT	50 UG/L	ENV. ENG.
0	2,4-DINITROTOLUENE	LT	20 UG/L	ENV. ENG.
0	2,4,6-TRICHLOROPHENOL	LT	20 UG/L	ENV. ENG.
0	2,4-DINITROTOLUENE	LT	20 UG/L	ENV. ENG.
0	3,3-DICHLOROBENZIDENE	LT	20 UG/L	ENV. ENG.
0	3,4-BENZOFURANTHENE	LT	20 UG/L	ENV. ENG.
0	4-BROMOPHENYLPHENYL ETHER	LT	10 UG/L	ENV. ENG.
0	4-CHLOROPHENYLPHENYL ETHER	LT	10 UG/L	ENV. ENG.
0	5-METHYL-4-CHLOROPHENOL	LT	10 UG/L	ENV. ENG.
0	4-NITROPHENOL	LT	50 UG/L	ENV. ENG.
0	2-METHYL-4,6-DINITROPHENOL	LT	20 UG/L	ENV. ENG.
0	ZINC	LT	11 UG/L	ENV. ENG.
0	GROSS ALPHA	LT	3 PCI/L	RAD. MEAS.
0	MONOALPHA BETA	LT	2 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT	1 PCI/L	RAD. MEAS.
0	TRITIUM	LT	0.70 PCI/ML	RAD. MEAS.

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/15/88 TIME 1505  
 PH = 5.3 ALKALINITY = 2 MG/L  
 SPECIFIC CONDUCTANCE = 2 UMHWS/CM  
 WATER TEMPERATURE = 29.5 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		3.50 UMHWS	ENV. LAB.
0	SPECIFIC CONDUCTANCE		1.10 UMHWS	ENV. LAB.
0	SPECIFIC CONDUCTANCE	LT	10.00 UMHWS	ENV. ENG.
0	SPECIFIC CONDUCTANCE	LT	10.00 UMHWS	ENV. ENG.
0	PH		5.40 PH	ENV. LAB.
0	PH		5.40 PH	ENV. LAB.
0	PH		5.43 PH	ENV. ENG.
0	PH		5.44 PH	ENV. ENG.
0	TURBIDITY	LT	1 NTU	ENV. LAB.
0	TURBIDITY	LT	0.05 NTU	ENV. LAB.
0	TURBIDITY		0.19 NTU	ENV. ENG.

CONTINUED

WELL BLANK COLLECTED ON 11/15/88 LABORATORY ANALYSES CONTINUED

0	ALPHA-BENZENEHEXACHLORIDE	LT	20 UG/L	ENV. LAB.
0	ACETONE	LT	11 UG/L	ENV. LAB.
0	ALPHA-ENDOSULFAN	LT	50 UG/L	ENV. LAB.
0	SILVER	LT	10 UG/L	ENV. LAB.
0	SILVER	LT	10 UG/L	ENV. LAB.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ALUMINUM	LT	20 UG/L	ENV. LAB.
1	ALUMINUM	LT	276 UG/L	ENV. LAB.
0	ALUMINUM	LT	20 UG/L	ENV. ENG.
0	ALORIN	LT	20 UG/L	ENV. LAB.
0	ACENAPHTHENE	LT	10 UG/L	ENV. LAB.
0	ACENAPHTHENE	LT	10 UG/L	ENV. LAB.
0	ACENAPHTHYLENE	LT	10 UG/L	ENV. LAB.
0	ACENAPHTHYLENE	LT	10 UG/L	ENV. LAB.
0	ACENAPHTHYLENE	LT	10 UG/L	ENV. LAB.
0	ANTHRACENE	LT	10 UG/L	ENV. LAB.
0	ANTHRACENE	LT	10 UG/L	ENV. LAB.
0	ANTHRACENE	LT	10 UG/L	ENV. LAB.
1	ARSENIC	LT	10 UG/L	ENV. LAB.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	100 UG/L	ENV. LAB.
0	BARIUM	LT	200 UG/L	ENV. LAB.
0	BARIUM	LT	4 UG/L	ENV. ENG.
0	BENZOL A IANTHRACENE	LT	10 UG/L	ENV. LAB.
0	BENZOL A IANTHRACENE	LT	10 UG/L	ENV. LAB.
0	BENZOL A IANTHRACENE	LT	10 UG/L	ENV. ENG.
0	BENZOL A IPYRENE	LT	10 UG/L	ENV. LAB.
0	BENZOL A IPYRENE	LT	10 UG/L	ENV. LAB.
0	BENZOL A IPYRENE	LT	20 UG/L	ENV. ENG.
0	BETA-BENZENEHEXACHLORIDE	LT	20 UG/L	ENV. LAB.
0	BUTYLBENZYL PHTHALATE	LT	10 UG/L	ENV. LAB.
0	BUTYLBENZYL PHTHALATE	LT	10 UG/L	ENV. LAB.
0	BUTYLBENZYL PHTHALATE	LT	10 UG/L	ENV. ENG.
0	BERYLLIUM	LT	10 UG/L	ENV. LAB.
0	BERYLLIUM	LT	5 UG/L	ENV. ENG.
0	BERYLLIUM	LT	50 UG/L	ENV. LAB.
0	BETA-ENDOSULFAN	LT	20 UG/L	ENV. LAB.
0	BENZIDINE	LT	20 UG/L	ENV. LAB.
0	BENZIDINE	LT	40 UG/L	ENV. ENG.
0	BENZOIC ACID	LT	50 UG/L	ENV. LAB.
0	BENZO BIFLUOROANTHENE	LT	10 UG/L	ENV. LAB.
0	BENZOL G,H,I IPERYLENE	LT	10 UG/L	ENV. LAB.
0	BENZOL G,H,I IPERYLENE	LT	10 UG/L	ENV. LAB.
0	BENZOL G,H,I IPERYLENE	LT	20 UG/L	ENV. ENG.
0	BENZOL K IFLUORANTHENE	LT	10 UG/L	ENV. LAB.
0	BENZOL K IFLUORANTHENE	LT	10 UG/L	ENV. LAB.
0	BENZOL K IFLUORANTHENE	LT	20 UG/L	ENV. ENG.
0	BROMODICHLOROMETHANE	LT	10 UG/L	ENV. LAB.
0	BROMODICHLOROMETHANE	LT	5 UG/L	ENV. LAB.
0	BROMODICHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0	BENZYL ALCOHOL	LT	10 UG/L	ENV. LAB.
0	BENZ-FLUORANTHENE	LT	10 UG/L	ENV. LAB.
0	BIS(2-CHLOROETHYL) ETHER	LT	10 UG/L	ENV. LAB.
0	BIS(2-CHLOROETHOXY) METHANE	LT	10 UG/L	ENV. LAB.
0	BIS(2-CHLOROETHOXY) METHANE	LT	10 UG/L	ENV. LAB.
0	BIS(2-CHLOROETHOXY) METHANE	LT	20 UG/L	ENV. ENG.
0	BIS(2-CHLOROISOPROPYL) ETHER	LT	10 UG/L	ENV. LAB.
0	BIS(2-CHLOROISOPROPYL) ETHER	LT	10 UG/L	ENV. LAB.
0	BIS(2-CHLOROISOPROPYL) ETHER	LT	20 UG/L	ENV. ENG.
0	BIS(2-CHLOROETHYL) ETHER	LT	10 UG/L	ENV. LAB.
0	BIS(2-CHLOROETHYL) ETHER	LT	10 UG/L	ENV. ENG.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10 UG/L	ENV. LAB.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10 UG/L	ENV. LAB.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10 UG/L	ENV. ENG.
0	CALCIUM	LT	270 UG/L	ENV. LAB.
0	CALCIUM	LT	3000 UG/L	ENV. LAB.
0	CALCIUM	LT	84 UG/L	ENV. ENG.
0	CALCIUM	LT	83 UG/L	ENV. ENG.
0	TRICHLOROFLUOROMETHANE	LT	10 UG/L	ENV. LAB.
0	TRICHLOROFLUOROMETHANE	LT	5 UG/L	ENV. LAB.
0	TRICHLOROFLUOROMETHANE	LT	5 UG/L	ENV. ENG.
0	CARBON TETRACHLORIDE	LT	10.0 UG/L	ENV. LAB.
0	CARBON TETRACHLORIDE	LT	5.00 UG/L	ENV. LAB.
0	CARBON TETRACHLORIDE	LT	5.00 UG/L	ENV. ENG.
0	CARBON TETRACHLORIDE	LT	5.00 UG/L	ENV. ENG.
0	CADMIUM	LT	10 UG/L	ENV. LAB.
0	CADMIUM	LT	5 UG/L	ENV. LAB.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	BROMOFORM	LT	10 UG/L	ENV. LAB.
0	BROMOFORM	LT	5 UG/L	ENV. LAB.
0	BROMOFORM	LT	10 UG/L	ENV. ENG.
0	BROMOFORM	LT	10 UG/L	ENV. ENG.
0	CHLOROFORM	LT	10 UG/L	ENV. LAB.
0	CHLOROFORM	LT	10 UG/L	ENV. LAB.
0	CHLOROFORM	LT	5 UG/L	ENV. LAB.
0	CHLOROFORM	LT	5 UG/L	ENV. ENG.
0	CHLOROFORM	LT	5 UG/L	ENV. ENG.
0	CHRYSENE	LT	10 UG/L	ENV. LAB.
0	CHRYSENE	LT	10 UG/L	ENV. LAB.
0	CHRYSENE	LT	20 UG/L	ENV. ENG.
0	METHYLENE CHLORIDE	LT	10 UG/L	ENV. LAB.
1	METHYLENE CHLORIDE	LT	5 UG/L	ENV. LAB.
0	METHYLENE CHLORIDE	LT	5 UG/L	ENV. ENG.
0	METHYLENE CHLORIDE	LT	5 UG/L	ENV. ENG.
0	BROMOMETHANE	LT	10 UG/L	ENV. LAB.
0	BROMOMETHANE	LT	10 UG/L	ENV. LAB.
0	BROMOMETHANE	LT	10 UG/L	ENV. ENG.
0	BROMOMETHANE	LT	10 UG/L	ENV. ENG.
0	CHLOROMETHANE	LT	10 UG/L	ENV. LAB.
0	CHLOROMETHANE	LT	10 UG/L	ENV. ENG.
0	CHLOROMETHANE	LT	10 UG/L	ENV. ENG.
0	CHLORIDE	LT	1000 UG/L	ENV. LAB.
0	CHLORIDE	LT	2500 UG/L	ENV. LAB.
0	CHLORIDE	LT	1000 UG/L	ENV. ENG.
0	CHLOROBENZENE	LT	10 UG/L	ENV. LAB.
0	CHLOROBENZENE	LT	5 UG/L	ENV. LAB.

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## WELL BLANK COLLECTED ON 11/15/88 LABORATORY ANALYSES CONTINUED

0	CHLOROBENZENE	LT	5 UG/L	ENV. ENG.
0	CHLOROBENZENE	LT	5 UG/L	ENV. ENG.
0	CHLORDANE	LT	20 UG/L	ENV. LAB.
0	HEXACHLOROBENZENE	LT	10 UG/L	ENV. LAB.
0	HEXACHLOROBENZENE	LT	10 UG/L	M. A.
0	HEXACHLOROBENZENE	LT	10 UG/L	ENV. ENG.
0	HEXACHLOROCYCLOPENTADIENE	LT	10 UG/L	ENV. LAB.
0	HEXACHLOROCYCLOPENTADIENE	LT	10 UG/L	M. A.
0	HEXACHLOROCYCLOPENTADIENE	LT	10 UG/L	ENV. ENG.
0	HEXACHLOROCYCLOPENTADIENE	LT	10 UG/L	ENV. LAB.
0	HEXACHLOROTHANE	LT	10 UG/L	M. A.
0	HEXACHLOROTHANE	LT	10 UG/L	ENV. ENG.
0	HEXACHLOROTHANE	LT	10 UG/L	ENV. LAB.
0	COBALT	LT	50 UG/L	M. A.
0	COBALT	LT	50 UG/L	ENV. ENG.
0	COBALT	LT	50 UG/L	ENV. LAB.
0	CHROMIUM	LT	10 UG/L	M. A.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	CHROMIUM	LT	5 UG/L	M. A.
0	CARBON DISULFIDE	LT	20 UG/L	ENV. LAB.
0	COPPER	LT	25 UG/L	M. A.
0	COPPER	LT	4 UG/L	ENV. ENG.
0	CYANIDE	LT	20 UG/L	ENV. LAB.
0	CYANIDE	LT	10 UG/L	M. A.
0	CYANIDE	LT	5 UG/L	ENV. ENG.
0	CHLOROETHENE	LT	10 UG/L	ENV. LAB.
0	CHLOROETHENE	LT	10 UG/L	M. A.
0	CHLOROETHENE	LT	10 UG/L	ENV. ENG.
0	CHLOROETHENE	LT	10 UG/L	ENV. LAB.
0	CHLOROETHANE	LT	10 UG/L	M. A.
0	CHLOROETHANE	LT	10 UG/L	ENV. ENG.
0	CHLOROETHANE	LT	10 UG/L	ENV. LAB.
0	CHLOROETHANE	LT	10 UG/L	M. A.
0	BENZENE	LT	10 UG/L	ENV. LAB.
0	BENZENE	LT	5 UG/L	M. A.
0	BENZENE	LT	5 UG/L	ENV. ENG.
0	BENZENE	LT	5 UG/L	ENV. LAB.
0	DIBENZ(A,H)ANTHRACENE	LT	10 UG/L	ENV. LAB.
0	DIBENZ(A,H)ANTHRACENE	LT	10 UG/L	M. A.
0	DIBENZ(A,H)ANTHRACENE	LT	20 UG/L	ENV. ENG.
0	DELTA-BENZENEXACHTORIDE	LT	20 UG/L	ENV. LAB.
0	DIBROMOCHLOROMETHANE	LT	10 UG/L	ENV. LAB.
0	DIBROMOCHLOROMETHANE	LT	5 UG/L	M. A.
0	DIBROMOCHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0	DIBROMOCHLOROMETHANE	LT	5 UG/L	ENV. LAB.
0	DIETHYL PHTHALATE	LT	10 UG/L	ENV. LAB.
0	DIETHYL PHTHALATE	LT	10 UG/L	M. A.
0	DIETHYL PHTHALATE	LT	10 UG/L	ENV. ENG.
0	DIBENZOFURAN	LT	10 UG/L	M. A.
0	DIELDRIN	LT	20 UG/L	ENV. LAB.
0	DIMETHYL PHTHALATE	LT	10 UG/L	ENV. LAB.
0	DIMETHYL PHTHALATE	LT	10 UG/L	M. A.
0	DIMETHYL PHTHALATE	LT	10 UG/L	ENV. ENG.
0	DI-N-BUTYL PHTHALATE	LT	10 UG/L	ENV. LAB.
0	DI-N-BUTYL PHTHALATE	LT	10 UG/L	M. A.
0	DI-N-BUTYL PHTHALATE	LT	10 UG/L	ENV. ENG.
0	DI-N-OCTYL PHTHALATE	LT	10 UG/L	ENV. LAB.
0	DI-N-OCTYL PHTHALATE	LT	10 UG/L	M. A.
0	DI-N-OCTYL PHTHALATE	LT	10 UG/L	ENV. ENG.
0	ENDRIN ALDEHYDE	LT	20 UG/L	ENV. LAB.
0	ENDRIN	LT	0.10 UG/L	ENV. LAB.
0	ENDRIN	LT	0.10 UG/L	M. A.
0	ENDRIN	LT	0.10 UG/L	ENV. ENG.
0	ENDOSULFAN SULFATE	LT	50 UG/L	ENV. LAB.
0	ETHYLBENZENE	LT	10 UG/L	ENV. LAB.
0	ETHYLBENZENE	LT	5 UG/L	M. A.
0	ETHYLBENZENE	LT	5 UG/L	ENV. ENG.
0	ETHYLBENZENE	LT	5 UG/L	ENV. LAB.
0	FLUORIDE	LT	140 UG/L	ENV. LAB.
0	FLUORIDE	LT	100 UG/L	M. A.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	FLUORANTHENE	LT	10 UG/L	ENV. LAB.
0	FLUORANTHENE	LT	10 UG/L	M. A.
0	FLUORANTHENE	LT	10 UG/L	ENV. ENG.
0	IRON	LT	60 UG/L	ENV. LAB.
0	IRON	LT	100 UG/L	M. A.
0	IRON	LT	20 UG/L	ENV. ENG.
0	FLUORENE	LT	10 UG/L	ENV. LAB.
0	FLUORENE	LT	10 UG/L	M. A.
0	FLUORENE	LT	10 UG/L	ENV. ENG.
0	HEXACHLOROBUTADIENE	LT	10 UG/L	ENV. LAB.
0	HEXACHLOROBUTADIENE	LT	10 UG/L	M. A.
0	HEXACHLOROBUTADIENE	LT	10 UG/L	ENV. ENG.
0	MERCURY	LT	0.50 UG/L	ENV. LAB.
0	MERCURY	LT	0.20 UG/L	M. A.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	HEPTACHLOR	LT	20 UG/L	ENV. LAB.
0	HEPTACHLOR EPOXIDE	LT	20 UG/L	ENV. LAB.
0	INDEN(1,2,3-C,D)PYRENE	LT	10 UG/L	ENV. LAB.
0	INDEN(1,2,3-C,D)PYRENE	LT	10 UG/L	M. A.
0	INDEN(1,2,3-C,D)PYRENE	LT	20 UG/L	ENV. ENG.
0	ISOPHORENE	LT	10 UG/L	ENV. LAB.
0	ISOPHORENE	LT	10 UG/L	M. A.
0	ISOPHORENE	LT	10 UG/L	ENV. ENG.
0	POTASSIUM	LT	900 UG/L	ENV. LAB.
0	POTASSIUM	LT	500 UG/L	M. A.
0	POTASSIUM	LT	500 UG/L	ENV. ENG.
0	LINDANE	LT	0.10 UG/L	ENV. LAB.
0	LINDANE	LT	0.05 UG/L	M. A.
0	LINDANE	LT	0.05 UG/L	ENV. ENG.
0	TOLUENE	LT	10 UG/L	ENV. LAB.
0	TOLUENE	LT	5 UG/L	M. A.
0	TOLUENE	LT	5 UG/L	ENV. ENG.
0	TOLUENE	LT	5 UG/L	ENV. LAB.
1	METHYLETHYL KETONE	LT	10 UG/L	M. A.
0	METHOXYCHLOR	LT	0.20 UG/L	ENV. LAB.
0	METHOXYCHLOR	LT	0.50 UG/L	M. A.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.

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## WELL BLANK COLLECTED ON 11/15/88 LABORATORY ANALYSES CONTINUED

0	MAGNESIUM	LT	40 UG/L	ENV. LAB.
0	MAGNESIUM	LT	5000 UG/L	M. A.
0	MAGNESIUM	LT	14 UG/L	ENV. ENG.
0	MANGANESE	LT	20 UG/L	ENV. LAB.
0	MANGANESE	LT	15 UG/L	M. A.
0	MANGANESE	LT	2 UG/L	ENV. ENG.
0	SODIUM	LT	230 UG/L	ENV. LAB.
0	SODIUM	LT	5000 UG/L	M. A.
0	SODIUM	LT	120 UG/L	ENV. ENG.
0	SODIUM	LT	152 UG/L	ENV. LAB.
0	NAPHTHALENE	LT	10 UG/L	M. A.
0	NAPHTHALENE	LT	10 UG/L	ENV. ENG.
0	NAPHTHALENE	LT	10 UG/L	ENV. LAB.
0	NITROBENZENE	LT	10 UG/L	M. A.
0	NITROBENZENE	LT	10 UG/L	ENV. ENG.
0	NITROBENZENE	LT	10 UG/L	ENV. LAB.
0	N-NITROSODIMETHYLAMINE	LT	10 UG/L	ENV. ENG.
0	N-NITROSODIMETHYLAMINE	LT	10 UG/L	ENV. LAB.
0	N-NITROSODI-PROPYLAMINE	LT	10 UG/L	ENV. ENG.
0	N-NITROSODI-PROPYLAMINE	LT	10 UG/L	ENV. LAB.
0	NICKEL	LT	50 UG/L	ENV. ENG.
0	NICKEL	LT	40 UG/L	M. A.
0	N-NITROSODIPHENYLAMINE	LT	10 UG/L	ENV. ENG.
0	N-NITROSODIPHENYLAMINE	LT	10 UG/L	ENV. LAB.
0	N-NITROSODIPHENYLAMINE	LT	10 UG/L	ENV. ENG.
0	NITRITE AS NITROGEN	LT	10 UG/L	ENV. LAB.
0	NITRITE AS NITROGEN	LT	50 UG/L	M. A.
0	NITRATE AS NITROGEN	LT	50 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	LT	200 UG/L	ENV. LAB.
0	NITRATE AS NITROGEN	LT	100 UG/L	M. A.
0	LEAD	LT	50 UG/L	ENV. ENG.
0	LEAD	LT	10 UG/L	ENV. LAB.
0	LEAD	LT	5 UG/L	M. A.
0	PCB 1016	LT	4 UG/L	ENV. ENG.
0	PCB 1221	LT	20 UG/L	ENV. LAB.
0	PCB 1232	LT	20 UG/L	ENV. ENG.
0	PCB 1242	LT	20 UG/L	ENV. LAB.
0	PCB 1248	LT	20 UG/L	ENV. ENG.
0	PCB 1254	LT	20 UG/L	ENV. LAB.
0	PCB 1260	LT	20 UG/L	ENV. ENG.
0	PENTACHLOROPHENOL	LT	10 UG/L	ENV. LAB.
0	PENTACHLOROPHENOL	LT	50 UG/L	M. A.
0	PENTACHLOROPHENOL	LT	10 UG/L	ENV. ENG.
0	PHENANTHRENE	LT	10 UG/L	ENV. LAB.
0	PHENANTHRENE	LT	10 UG/L	M. A.
0	PHENANTHRENE	LT	10 UG/L	ENV. ENG.
0	PHENOL	LT	50 UG/L	ENV. LAB.
0	PHENOL	LT	10 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	M. A.
0	PHENOL	LT	10 UG/L	ENV. LAB.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	PHENOL	LT	10 UG/L	ENV. LAB.
0	2,2-BIS(4-CHLOROPHENYL)-1,1-DIOLE	LT	20 UG/L	ENV. ENG.
0	2,2-BIS(4-CHLOROPHENYL)-1,1-DIOLE	LT	20 UG/L	ENV. LAB.
0	2,2-BIS(4-CHLOROPHENYL)-1,1-DIOLE	LT	20 UG/L	ENV. ENG.
0	PYRENE	LT	10 UG/L	ENV. LAB.
0	PYRENE	LT	10 UG/L	M. A.
0	PYRENE	LT	10 UG/L	ENV. ENG.
0	ANTHONY	LT	200 UG/L	ENV. LAB.
0	ANTHONY	LT	60 UG/L	M. A.
0	ANTHONY	LT	3 UG/L	ENV. ENG.
0	SELENIUM	LT	10 UG/L	ENV. LAB.
0	SELENIUM	LT	5 UG/L	M. A.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
0	SILICA	LT	200 UG/L	ENV. LAB.
0	SILICA	LT	100 UG/L	M. A.
0	SILICA	LT	100 UG/L	ENV. ENG.
0	SILVEX	LT	0.10 UG/L	ENV. LAB.
0	SILVEX	LT	0.50 UG/L	M. A.
0	SILVEX	LT	0.04 UG/L	ENV. ENG.
0	TIN	LT	1000 UG/L	ENV. LAB.
0	TIN	LT	100 UG/L	M. A.
0	TIN	LT	120 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. LAB.
0	SULFATE	LT	5000 UG/L	M. A.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	STYRENE	LT	5 UG/L	M. A.
0	1,1,2,2-TETRACHLOROETHANE	LT	10 UG/L	ENV. LAB.
0	1,1,2,2-TETRACHLOROETHANE	LT	5 UG/L	M. A.
0	1,1,2,2-TETRACHLOROETHANE	LT	10 UG/L	ENV. ENG.
0	1,1,2,2-TETRACHLOROETHANE	LT	10 UG/L	ENV. LAB.
0	TETRACHLOROETHYLENE	LT	10.0 UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	LT	5.00 UG/L	M. A.
0	TETRACHLOROETHYLENE	LT	5.00 UG/L	ENV. LAB.
0	TETRACHLOROETHYLENE	LT	5.00 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	LT	280000 UG/L	ENV. LAB.
0	TOTAL DISSOLVED SOLIDS	LT	2000 UG/L	M. A.
0	TOTAL DISSOLVED SOLIDS	LT	20000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	5000 UG/L	ENV. LAB.
0	TOTAL ORGANIC CARBON	LT	500 UG/L	M. A.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	10 UG/L	ENV. LAB.
0	TOTAL ORGANIC HALOGENS	LT	10 UG/L	M. A.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	50 UG/L	ENV. LAB.
0	TOTAL PHOSPHATES	LT	50 UG/L	M. A.
0	TRICHLOROETHYLENE	LT	10.0 UG/L	ENV. ENG.
0	TRICHLOROETHYLENE	LT	5.00 UG/L	M. A.
0	TRICHLOROETHYLENE	LT	5.00 UG/L	ENV. LAB.
0	TRICHLOROETHYLENE	LT	5.00 UG/L	ENV. ENG.
0	TOXAPHENE	LT	0.50 UG/L	ENV. LAB.
0	TOXAPHENE	LT	1 UG/L	M. A.
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	TRANS-1,2-DICHLOROETHENE	LT	10 UG/L	ENV. LAB.
0	TRANS-1,2-DICHLOROETHENE	LT	5 UG/L	M. A.

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## WELL BLANK COLLECTED ON 11/15/88 LABORATORY ANALYSES CONTINUED

0 TRANS-1,2-DICHLOROETHENE	LT	5 UG/L	ENV. ENG.
0 TRANS-1,2-DICHLOROETHENE	LT	5 UG/L	ENV. ENG.
0 URANIUM	LT	1.00 UG/L	ENV. LAB.
0 URANIUM	LT	1000 UG/L	M. A.
0 URANIUM	LT	1000 UG/L	ENV. ENG.
0 VINYL ACETATE	LT	10 UG/L	M. A.
0 XYLENES	LT	5 UG/L	M. A.
0 1,1-DICHLOROETHYLENE	LT	10 UG/L	ENV. LAB.
0 1,1-DICHLOROETHYLENE	LT	5 UG/L	M. A.
0 1,1-DICHLOROETHYLENE	LT	5 UG/L	ENV. ENG.
0 1,1-DICHLOROETHYLENE	LT	5 UG/L	ENV. ENG.
0 1,1-DICHLOROETHANE	LT	10 UG/L	ENV. LAB.
0 1,1-DICHLOROETHANE	LT	5 UG/L	M. A.
0 1,1-DICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0 1,1-DICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0 1,1,1-TRICHLOROETHANE	LT	10 UG/L	ENV. LAB.
0 1,1,1-TRICHLOROETHANE	LT	5 UG/L	M. A.
0 1,1,1-TRICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0 1,1,1-TRICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0 1,1,2-TRICHLOROETHANE	LT	10 UG/L	ENV. LAB.
0 1,1,2-TRICHLOROETHANE	LT	5 UG/L	M. A.
0 1,1,2-TRICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0 1,1,2-TRICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0 1,2-DICHLOROBENZENE	LT	10 UG/L	ENV. LAB.
0 1,2-DICHLOROBENZENE	LT	10 UG/L	ENV. LAB.
0 1,2-DICHLOROBENZENE	LT	10 UG/L	M. A.
0 1,2-DICHLOROBENZENE	LT	10 UG/L	ENV. ENG.
0 1,2-DICHLOROBENZENE	LT	10 UG/L	ENV. LAB.
0 1,2-DICHLOROBENZENE	LT	5 UG/L	M. A.
0 1,2-DICHLOROBENZENE	LT	1 UG/L	ENV. ENG.
0 1,2-DICHLOROBENZENE	LT	1 UG/L	ENV. ENG.
0 1,2-DICHLOROPROPANE	LT	10 UG/L	ENV. LAB.
0 1,2-DICHLOROPROPANE	LT	5 UG/L	M. A.
0 1,2-DICHLOROPROPANE	LT	10 UG/L	ENV. ENG.
0 1,2-DICHLOROPROPANE	LT	10 UG/L	ENV. ENG.
0 1,2-DICHLOROPROPANE	LT	10 UG/L	ENV. ENG.
0 1,2-DIPHENYL HYDRAZINE	LT	10 UG/L	ENV. LAB.
0 1,2-DIPHENYL HYDRAZINE	LT	25 UG/L	ENV. ENG.
0 1,2,3-TRICHLOROBENZENE	LT	10 UG/L	ENV. ENG.
0 1,2,4-TRICHLOROBENZENE	LT	10 UG/L	ENV. LAB.
0 1,2,4-TRICHLOROBENZENE	LT	10 UG/L	M. A.
0 1,3-DICHLOROBENZENE	LT	10 UG/L	ENV. LAB.
0 1,3-DICHLOROBENZENE	LT	10 UG/L	ENV. LAB.
0 1,3-DICHLOROBENZENE	LT	10 UG/L	M. A.
0 1,3-DICHLOROBENZENE	LT	10 UG/L	ENV. ENG.
0 1,3-DICHLOROBENZENE	LT	10 UG/L	ENV. ENG.
0 CIS-1,3-DICHLOROPROPENE	LT	10 UG/L	ENV. LAB.
0 CIS-1,3-DICHLOROPROPENE	LT	5 UG/L	M. A.
0 CIS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0 CIS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0 TRANS-1,3-DICHLOROPROPENE	LT	10 UG/L	ENV. LAB.
0 TRANS-1,3-DICHLOROPROPENE	LT	5 UG/L	M. A.
0 TRANS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0 TRANS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0 1,4-DICHLOROBENZENE	LT	10 UG/L	ENV. LAB.
0 1,4-DICHLOROBENZENE	LT	10 UG/L	ENV. LAB.
0 1,4-DICHLOROBENZENE	LT	10 UG/L	M. A.
0 1,4-DICHLOROBENZENE	LT	10 UG/L	ENV. ENG.
0 2-CHLOROETHYL VINYL ETHER	LT	10 UG/L	ENV. LAB.
0 2-CHLOROETHYL VINYL ETHER	LT	10 UG/L	ENV. ENG.
0 2-CHLOROETHYL VINYL ETHER	LT	10 UG/L	ENV. ENG.
0 2-CHLOROPHENOL	LT	10 UG/L	ENV. LAB.
0 2-CHLOROPHENOL	LT	10 UG/L	M. A.
0 2-CHLOROPHENOL	LT	10 UG/L	ENV. ENG.
0 2-CHLORONAPHTHALENE	LT	10 UG/L	ENV. LAB.
0 2-CHLORONAPHTHALENE	LT	10 UG/L	M. A.
0 2-CHLORONAPHTHALENE	LT	10 UG/L	ENV. ENG.
0 2-METHYLANTHRACENE	LT	10 UG/L	M. A.
0 2-METHYLANTHRACENE	LT	10 UG/L	M. A.
0 2-METHYL PHENOL	LT	10 UG/L	M. A.
0 2-NITROANILINE	LT	50 UG/L	M. A.
0 2-NITROPHENOL	LT	10 UG/L	ENV. LAB.
0 2-NITROPHENOL	LT	10 UG/L	ENV. LAB.
0 2-NITROPHENOL	LT	10 UG/L	M. A.
0 2-NITROPHENOL	LT	20 UG/L	ENV. ENG.
0 2,4-DICHLOROPHENOL	LT	0.50 UG/L	ENV. LAB.
0 2,4-DICHLOROPHENOL	LT	1 UG/L	M. A.
0 2,4-DICHLOROPHENOL	LT	0.30 UG/L	ENV. ENG.
0 2,4-DICHLOROPHENOL	LT	10 UG/L	ENV. LAB.
0 2,4-DICHLOROPHENOL	LT	10 UG/L	M. A.
0 2,4-DICHLOROPHENOL	LT	10 UG/L	ENV. ENG.
0 2,4-DIMETHYL PHENOL	LT	10 UG/L	ENV. LAB.
0 2,4-DIMETHYL PHENOL	LT	10 UG/L	M. A.
0 2,4-DIMETHYL PHENOL	LT	10 UG/L	ENV. ENG.
0 2,4-DINITROPHENOL	LT	10 UG/L	ENV. LAB.
0 2,4-DINITROPHENOL	LT	50 UG/L	M. A.
0 2,4-DINITROPHENOL	LT	50 UG/L	ENV. ENG.
0 2,4-DINITROTOLUENE	LT	10 UG/L	ENV. LAB.
0 2,4-DINITROTOLUENE	LT	10 UG/L	M. A.
0 2,4-DINITROTOLUENE	LT	20 UG/L	ENV. ENG.
0 2,4,6-TRICHLOROPHENOL	LT	0.50 UG/L	M. A.
0 2,4,6-TRICHLOROPHENOL	LT	50 UG/L	M. A.
0 2,4,6-TRICHLOROPHENOL	LT	10 UG/L	ENV. LAB.
0 2,4,6-TRICHLOROPHENOL	LT	10 UG/L	M. A.
0 2,4,6-TRICHLOROPHENOL	LT	10 UG/L	ENV. ENG.
0 2,6-DINITROTOLUENE	LT	10 UG/L	M. A.
0 2,6-DINITROTOLUENE	LT	20 UG/L	ENV. ENG.
0 2,6-DINITROTOLUENE	LT	50 UG/L	M. A.
0 3,3-DICHLOROBENZIDENE	LT	20 UG/L	ENV. LAB.
0 3,3-DICHLOROBENZIDENE	LT	20 UG/L	M. A.
0 3,3-DICHLOROBENZIDENE	LT	20 UG/L	ENV. ENG.
0 3,4-BENZOFURANTHENE	LT	20 UG/L	ENV. ENG.
0 4-BROMOPHENYLPHENYL ETHER	LT	10 UG/L	ENV. LAB.
0 4-BROMOPHENYLPHENYL ETHER	LT	10 UG/L	M. A.
0 4-BROMOPHENYLPHENYL ETHER	LT	10 UG/L	ENV. ENG.
0 4-CHLORANILINE	LT	10 UG/L	M. A.
0 4-CHLOROPHENYLPHENYL ETHER	LT	10 UG/L	ENV. LAB.
0 4-CHLOROPHENYLPHENYL ETHER	LT	10 UG/L	M. A.
0 4-CHLOROPHENYLPHENYL ETHER	LT	10 UG/L	ENV. ENG.
0 3-METHYL-4-CHLOROPHENOL	LT	10 UG/L	ENV. LAB.
0 3-METHYL-4-CHLOROPHENOL	LT	10 UG/L	M. A.

CONTINUED

## WELL BLANK COLLECTED ON 11/15/88 LABORATORY ANALYSES CONTINUED

0 3-METHYL-4-CHLOROPHENOL	LT	10 UG/L	ENV. ENG.
0 4-METHYL-2-PENTANONE	LT	10 UG/L	M. A.
0 4-METHYL PHENOL	LT	10 UG/L	M. A.
0 4-NITROANILINE	LT	50 UG/L	M. A.
0 4-NITROPHENOL	LT	50 UG/L	M. A.
0 4-NITROPHENOL	LT	50 UG/L	ENV. ENG.
0 2-METHYL-4,6-DINITROPHENOL	LT	10 UG/L	ENV. LAB.
0 2-METHYL-4,6-DINITROPHENOL	LT	50 UG/L	M. A.
0 2-METHYL-4,6-DINITROPHENOL	LT	20 UG/L	ENV. ENG.
0 ZINC	LT	50 UG/L	ENV. LAB.
0 ZINC	LT	49 UG/L	M. A.
0 ZINC	LT	33 UG/L	ENV. ENG.
0 GROSS ALPHA	LT	0.34 PCI/L	ENV. LAB.
0 GROSS ALPHA	LT	0.00+-5.00 PCI/L	M. A.
0 GROSS ALPHA	LT	3 PCI/L	RAD. MEAS.
0 NONVOLATILE BETA	LT	1 PCI/L	ENV. LAB.
0 NONVOLATILE BETA	LT	0.00+-3.00 PCI/L	M. A.
0 NONVOLATILE BETA	LT	2 PCI/L	RAD. MEAS.
0 TOTAL RADIUM	LT	0.33 PCI/L	ENV. LAB.
0 TOTAL RADIUM	LT	0.00+-0.50 PCI/L	M. A.
0 TOTAL RADIUM	LT	1 PCI/L	RAD. MEAS.
0 TRITIUM	LT	0.60 PCI/ML	ENV. LAB.
0 TRITIUM	LT	0.00+-1.00 PCI/ML	M. A.
0 TRITIUM	LT	0.70 PCI/ML	RAD. MEAS.

## WELL BLANK

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/20/88 TIME 1335  
 PH = 8.9 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 1 UMHOS/CM  
 WATER TEMPERATURE = 25.0 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		2.00 UMHOS	ENV. LAB.
0	SPECIFIC CONDUCTANCE		4.40 UMHOS	M. A.
0	SPECIFIC CONDUCTANCE	LT	10.00 UMHOS	ENV. ENG.
0	PH		5.40 PH	ENV. LAB.
0	PH		6.00 PH	M. A.
0	PH		5.60 PH	M. A.
1	PH		6.78 PH	ENV. ENG.
0	TURBIDITY	LT	1 NTU	ENV. LAB.
0	TURBIDITY	LT	0.05 NTU	M. A.
0	TURBIDITY		0.06 NTU	ENV. ENG.
0	ALPHA-BENZENEHEXACHLORIDE	LT	20 UG/L	ENV. LAB.
0	ALPHA-ENDOSULFAN	LT	50 UG/L	ENV. LAB.
0	SILVER	LT	10 UG/L	ENV. LAB.
0	SILVER	LT	10 UG/L	M. A.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ALUMINUM	LT	400 UG/L	ENV. LAB.
0	ALUMINUM	LT	200 UG/L	M. A.
0	ALUMINUM	LT	20 UG/L	ENV. ENG.
0	ALDRIN	LT	20 UG/L	ENV. LAB.
0	ACENAPHTHENE	LT	10 UG/L	ENV. LAB.
0	ACENAPHTHENE	LT	10 UG/L	M. A.
0	ACENAPHTHENE	LT	10 UG/L	ENV. ENG.
0	ACENAPHTHENE	LT	10 UG/L	ENV. ENG.
0	ACENAPHTHYLENE	LT	10 UG/L	ENV. LAB.
0	ACENAPHTHYLENE	LT	10 UG/L	M. A.
0	ACENAPHTHYLENE	LT	10 UG/L	ENV. ENG.
0	ACENAPHTHYLENE	LT	10 UG/L	ENV. ENG.
0	ANTHRACENE	LT	10 UG/L	ENV. LAB.
0	ANTHRACENE	LT	10 UG/L	M. A.
0	ANTHRACENE	LT	10 UG/L	ENV. ENG.
0	ANTHRACENE	LT	10 UG/L	ENV. LAB.
0	ARSENIC	LT	10 UG/L	ENV. ENG.
0	ARSENIC	LT	5 UG/L	M. A.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM	LT	100 UG/L	ENV. LAB.
0	BARIUM	LT	200 UG/L	M. A.
0	BARIUM	LT	4 UG/L	ENV. ENG.
0	BENZO(A)ANTHRACENE	LT	10 UG/L	ENV. LAB.
0	BENZO(A)ANTHRACENE	LT	10 UG/L	M. A.
0	BENZO(A)ANTHRACENE	LT	10 UG/L	ENV. ENG.
0	BENZO(A)ANTHRACENE	LT	10 UG/L	ENV. ENG.
0	BENZO(A)PYRENE	LT	10 UG/L	ENV. LAB.
0	BENZO(A)PYRENE	LT	10 UG/L	M. A.
0	BENZO(A)PYRENE	LT	20 UG/L	ENV. ENG.
0	BENZO(A)PYRENE	LT	20 UG/L	ENV. ENG.
0	BETA-BENZENEHEXACHLORIDE	LT	20 UG/L	ENV. LAB.
0	BUTYLBENZYL PHTHALATE	LT	10 UG/L	ENV. LAB.
0	BUTYLBENZYL PHTHALATE	LT	10 UG/L	M. A.
0	BUTYLBENZYL PHTHALATE	LT	10 UG/L	ENV. ENG.
0	BUTYLBENZYL PHTHALATE	LT	10 UG/L	ENV. ENG.
0	BERYLLIUM	LT	10 UG/L	ENV. LAB.
0	BERYLLIUM	LT	5 UG/L	M. A.
0	BERYLLIUM	LT	5 UG/L	ENV. ENG.
0	BETA-ENDOSULFAN	LT	50 UG/L	ENV. LAB.
0	BENZIDINE	LT	50 UG/L	ENV. LAB.
0	BENZIDINE	LT	40 UG/L	ENV. ENG.
0	BENZIDINE	LT	40 UG/L	ENV. ENG.
0	BENZOIC ACID	LT	50 UG/L	M. A.
0	BENZO(6)FLUOROANTHRENE	LT	10 UG/L	M. A.
0	BENZO(G,H,I)PERYLENE	LT	10 UG/L	ENV. LAB.
0	BENZO(G,H,I)PERYLENE	LT	10 UG/L	M. A.
0	BENZO(G,H,I)PERYLENE	LT	20 UG/L	ENV. ENG.
0	BENZO(G,H,I)PERYLENE	LT	20 UG/L	ENV. ENG.
0	BENZO(K)FLUOROANTHRENE	LT	10 UG/L	ENV. LAB.
0	BENZO(K)FLUOROANTHRENE	LT	10 UG/L	M. A.
0	BENZO(K)FLUOROANTHRENE	LT	20 UG/L	ENV. ENG.
0	BENZO(K)FLUOROANTHRENE	LT	20 UG/L	ENV. ENG.
0	BROMODICHLOROETHANE	LT	10 UG/L	ENV. LAB.
0	BROMODICHLOROETHANE	LT	5 UG/L	M. A.

CONTINUED

## WELL BLANK COLLECTED ON 11/20/88 LABORATORY ANALYSES CONTINUED

0	DIMETHYL PHTHALATE	LT	10 UG/L	ENV. ENG.
0	DI-N-BUTYL PHTHALATE	LT	10 UG/L	ENM. LAB.
0	DI-N-BUTYL PHTHALATE	LT	10 UG/L	M. A.
0	DI-N-BUTYL PHTHALATE	LT	10 UG/L	ENV. ENG.
0	DI-N-BUTYL PHTHALATE	LT	10 UG/L	ENV. ENG.
0	DI-N-OCTYL PHTHALATE	LT	10 UG/L	ENM. LAB.
0	DI-N-OCTYL PHTHALATE	LT	10 UG/L	M. A.
0	DI-N-OCTYL PHTHALATE	LT	10 UG/L	ENV. ENG.
0	DI-N-OCTYL PHTHALATE	LT	10 UG/L	ENV. ENG.
0	ENDRIN ALDEHYDE	LT	20 UG/L	ENM. LAB.
0	ENDRIN	LT	0.10 UG/L	ENM. LAB.
0	ENDRIN	LT	0.10 UG/L	M. A.
0	ENDRIN	LT	0.10 UG/L	ENV. ENG.
0	ENDOSULFAN SULFATE	LT	50 UG/L	ENM. LAB.
0	ETHYLBENZENE	LT	10 UG/L	ENM. LAB.
0	ETHYLBENZENE	LT	5 UG/L	M. A.
0	ETHYLBENZENE	LT	5 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENM. LAB.
0	FLUORIDE	LT	100 UG/L	M. A.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	FLUORANTHENE	LT	10 UG/L	ENM. LAB.
0	FLUORANTHENE	LT	10 UG/L	M. A.
0	FLUORANTHENE	LT	10 UG/L	ENV. ENG.
0	FLUORANTHENE	LT	10 UG/L	ENV. ENG.
0	IRON	LT	50 UG/L	ENM. LAB.
0	IRON	LT	100 UG/L	M. A.
0	IRON	LT	20 UG/L	ENV. ENG.
0	FLUORENE	LT	10 UG/L	ENM. LAB.
0	FLUORENE	LT	10 UG/L	M. A.
0	FLUORENE	LT	10 UG/L	ENV. ENG.
0	FLUORENE	LT	10 UG/L	ENV. ENG.
0	HEXACHLOROBUTADIENE	LT	10 UG/L	ENM. LAB.
0	HEXACHLOROBUTADIENE	LT	10 UG/L	M. A.
0	HEXACHLOROBUTADIENE	LT	10 UG/L	ENV. ENG.
0	HEXACHLOROBUTADIENE	LT	10 UG/L	ENV. ENG.
0	MERCURY	LT	0.50 UG/L	ENM. LAB.
0	MERCURY	LT	0.20 UG/L	M. A.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	HEPTACHLOR	LT	20 UG/L	ENM. LAB.
0	HEPTACHLOR EPOXIDE	LT	20 UG/L	ENM. LAB.
0	INDENOL 1,2,3-C,D IPYRENE	LT	10 UG/L	ENM. LAB.
0	INDENOL 1,2,3-C,D IPYRENE	LT	10 UG/L	M. A.
0	INDENOL 1,2,3-C,D IPYRENE	LT	20 UG/L	ENV. ENG.
0	INDENOL 1,2,3-C,D IPYRENE	LT	20 UG/L	ENV. ENG.
0	ISOPHORONE	LT	10 UG/L	ENM. LAB.
0	ISOPHORONE	LT	10 UG/L	M. A.
0	ISOPHORONE	LT	10 UG/L	ENV. ENG.
0	ISOPHORONE	LT	10 UG/L	ENV. ENG.
0	POTASSIUM	LT	1000 UG/L	ENM. LAB.
0	POTASSIUM	LT	5000 UG/L	M. A.
0	POTASSIUM	LT	500 UG/L	ENV. ENG.
0	LYNDAHE	LT	0.10 UG/L	ENM. LAB.
0	LYNDAHE	LT	0.05 UG/L	M. A.
0	LYNDAHE	LT	0.05 UG/L	ENV. ENG.
0	TOLUENE	LT	10 UG/L	ENM. LAB.
0	TOLUENE	LT	5 UG/L	M. A.
0	TOLUENE	LT	5 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.20 UG/L	ENM. LAB.
0	METHOXYCHLOR	LT	0.50 UG/L	M. A.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0	MAGNESIUM	LT	50 UG/L	ENM. LAB.
0	MAGNESIUM	LT	5000 UG/L	M. A.
0	MAGNESIUM	LT	17 UG/L	ENV. ENG.
0	MANGANESE	LT	20 UG/L	ENM. LAB.
0	MANGANESE	LT	15 UG/L	M. A.
0	MANGANESE	LT	2 UG/L	ENV. ENG.
0	SODIUM	LT	5000 UG/L	ENM. LAB.
0	SODIUM	LT	5000 UG/L	M. A.
0	SODIUM	LT	67 UG/L	ENV. ENG.
0	NAPHTHALENE	LT	10 UG/L	ENM. LAB.
0	NAPHTHALENE	LT	10 UG/L	M. A.
0	NAPHTHALENE	LT	10 UG/L	ENV. ENG.
0	NAPHTHALENE	LT	10 UG/L	ENV. ENG.
0	NITROBENZENE	LT	10 UG/L	ENM. LAB.
0	NITROBENZENE	LT	10 UG/L	M. A.
0	NITROBENZENE	LT	10 UG/L	ENV. ENG.
0	NITROBENZENE	LT	10 UG/L	ENV. ENG.
0	N-NITROSODIMETHYLAMINE	LT	10 UG/L	ENM. LAB.
0	N-NITROSODIMETHYLAMINE	LT	10 UG/L	ENV. ENG.
0	N-NITROSODIMETHYLAMINE	LT	10 UG/L	ENV. ENG.
0	N-NITROSODI-PROPYLAMINE	LT	10 UG/L	ENM. LAB.
0	N-NITROSODI-PROPYLAMINE	LT	10 UG/L	M. A.
0	N-NITROSODI-PROPYLAMINE	LT	10 UG/L	ENV. ENG.
0	N-NITROSODI-PROPYLAMINE	LT	10 UG/L	ENV. ENG.
0	NICKEL	LT	50 UG/L	ENM. LAB.
0	NICKEL	LT	40 UG/L	M. A.
0	NICKEL	LT	4 UG/L	ENV. ENG.
0	N-NITROSODIPHENYLAMINE	LT	10 UG/L	ENM. LAB.
0	N-NITROSODIPHENYLAMINE	LT	10 UG/L	M. A.
0	N-NITROSODIPHENYLAMINE	LT	10 UG/L	ENV. ENG.
0	N-NITROSODIPHENYLAMINE	LT	10 UG/L	ENV. ENG.
0	NITRITE AS NITROGEN	LT	10 UG/L	ENM. LAB.
0	NITRITE AS NITROGEN	LT	100 UG/L	M. A.
0	NITRITE AS NITROGEN	LT	50 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	LT	500 UG/L	ENM. LAB.
0	NITRATE AS NITROGEN	LT	100 UG/L	M. A.
0	NITRATE AS NITROGEN	LT	50 UG/L	ENV. ENG.
0	LEAD	LT	10 UG/L	ENM. LAB.
0	LEAD	LT	5 UG/L	M. A.
0	LEAD	LT	4 UG/L	ENV. ENG.
0	PCB 1016	LT	50 UG/L	ENM. LAB.
0	PCB 1221	LT	50 UG/L	ENM. LAB.
0	PCB 1232	LT	50 UG/L	ENM. LAB.
0	PCB 1242	LT	50 UG/L	ENM. LAB.
0	PCB 1248	LT	50 UG/L	ENM. LAB.
0	PCB 1254	LT	50 UG/L	ENM. LAB.
0	PCB 1260	LT	20 UG/L	ENM. LAB.
0	PENTACHLOROPHENOL	LT	20 UG/L	ENM. LAB.
0	PENTACHLOROPHENOL	LT	50 UG/L	M. A.

CONTINUED

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WELL BLANK COLLECTED ON 11/20/88 LABORATORY ANALYSES CONTINUED

TRANS-1,3-DICHLOROPROPENE	LT	10 US/L	ENM. LAB.
TRANS-1,3-DICHLOROPROPENE	LT	5 US/L	M. A.
TRANS-1,3-DICHLOROPROPENE	LT	5 US/L	ENV. ENG.
1,4-DICHLOROBENZENE	LT	10 US/L	ENM. LAB.
1,4-DICHLOROBENZENE	LT	10 US/L	ENM. LAB.
2,4-DICHLOROBENZENE	LT	5 US/L	M. A.
1,4-DICHLOROBENZENE	LT	10 US/L	M. A.
1,4-DICHLOROBENZENE	LT	10 US/L	ENV. ENG.
1,4-DICHLOROBENZENE	LT	10 US/L	ENV. ENG.
2-CHLOROETHYL VINYL ETHER	LT	10 US/L	ENM. LAB.
2-CHLOROETHYL VINYL ETHER	LT	5 US/L	M. A.
2-CHLOROETHYL VINYL ETHER	LT	10 US/L	ENV. ENG.
2-CHLOROPHENOL	LT	10 US/L	ENM. LAB.
2-CHLOROPHENOL	LT	10 US/L	M. A.
2-CHLOROPHENOL	LT	10 US/L	ENV. ENG.
2-CHLOROPHENOL	LT	10 US/L	ENV. ENG.
2-CHLORONAPHTHALENE	LT	10 US/L	ENM. LAB.
2-CHLORONAPHTHALENE	LT	10 US/L	M. A.
2-CHLORONAPHTHALENE	LT	10 US/L	ENV. ENG.
2-CHLORONAPHTHALENE	LT	10 US/L	ENV. ENG.
2-METHYLNAPHTHALENE	LT	10 US/L	ENV. ENG.
2-METHYL PHENOL	LT	10 US/L	M. A.
2-NITROANILINE	LT	50 US/L	M. A.
2-NITROPHENOL	LT	20 US/L	ENM. LAB.
2-NITROPHENOL	LT	10 US/L	M. A.
2-NITROPHENOL	LT	20 US/L	ENV. ENG.
2-NITROPHENOL	LT	20 US/L	ENV. ENG.
2,4-DICHLOROPHENOL	LT	0.50 US/L	ENM. LAB.
2,4-DICHLOROPHENOL	LT	0.30 US/L	ENV. ENG.
2,4-DICHLOROPHENOL	LT	0.30 US/L	ENV. ENG.
2,4-DICHLOROPHENOL	LT	10 US/L	ENM. LAB.
2,4-DICHLOROPHENOL	LT	10 US/L	M. A.
2,4-DICHLOROPHENOL	LT	10 US/L	ENV. ENG.
2,4-DIMETHYL PHENOL	LT	10 US/L	ENM. LAB.
2,4-DIMETHYL PHENOL	LT	10 US/L	M. A.
2,4-DIMETHYL PHENOL	LT	10 US/L	ENV. ENG.
2,4-DIMETHYL PHENOL	LT	10 US/L	ENV. ENG.
2,4-DINITROPHENOL	LT	10 US/L	ENM. LAB.
2,4-DINITROPHENOL	LT	50 US/L	M. A.
2,4-DINITROPHENOL	LT	50 US/L	ENV. ENG.
2,4-DINITROPHENOL	LT	50 US/L	ENV. ENG.
2,4-DINITROTOLUENE	LT	10 US/L	ENM. LAB.
2,4-DINITROTOLUENE	LT	10 US/L	M. A.
2,4-DINITROTOLUENE	LT	20 US/L	ENV. ENG.
2,4-DINITROTOLUENE	LT	20 US/L	ENV. ENG.
2,4,6-TRICHLOROPHENOL	LT	50 US/L	M. A.
2,4,6-TRICHLOROPHENOL	LT	10 US/L	ENM. LAB.
2,4,6-TRICHLOROPHENOL	LT	10 US/L	M. A.
2,4,6-TRICHLOROPHENOL	LT	10 US/L	ENV. ENG.
2,4,6-TRICHLOROPHENOL	LT	10 US/L	ENV. ENG.
2,4-DINITROTOLUENE	LT	10 US/L	ENM. LAB.
2,4-DINITROTOLUENE	LT	10 US/L	M. A.
2,4-DINITROTOLUENE	LT	20 US/L	ENV. ENG.
2,4-DINITROTOLUENE	LT	20 US/L	ENV. ENG.
2-NITROANILINE	LT	50 US/L	M. A.
3,5-DICHLOROBENZIDINE	LT	50 US/L	ENM. LAB.
3,5-DICHLOROBENZIDINE	LT	50 US/L	M. A.
3,5-DICHLOROBENZIDINE	LT	20 US/L	ENV. ENG.
3,5-DICHLOROBENZIDINE	LT	20 US/L	ENV. ENG.
3,4-DIBENZYLORANTHENE	LT	20 US/L	ENV. ENG.
3,4-DIBENZYLORANTHENE	LT	20 US/L	ENM. LAB.
4-BROMOPHENYLPHENYL ETHER	LT	10 US/L	ENM. LAB.
4-BROMOPHENYLPHENYL ETHER	LT	10 US/L	M. A.
4-BROMOPHENYLPHENYL ETHER	LT	10 US/L	ENV. ENG.
4-BROMOPHENYLPHENYL ETHER	LT	10 US/L	ENV. ENG.
4-CHLOROANILINE	LT	10 US/L	M. A.
4-CHLOROPHENYLPHENYL ETHER	LT	10 US/L	ENM. LAB.
4-CHLOROPHENYLPHENYL ETHER	LT	10 US/L	M. A.
4-CHLOROPHENYLPHENYL ETHER	LT	10 US/L	ENV. ENG.
4-CHLOROPHENYLPHENYL ETHER	LT	10 US/L	ENV. ENG.
3-METHYL-4-CHLOROPHENOL	LT	10 US/L	ENM. LAB.
3-METHYL-4-CHLOROPHENOL	LT	10 US/L	M. A.
3-METHYL-4-CHLOROPHENOL	LT	10 US/L	ENV. ENG.
3-METHYL-4-CHLOROPHENOL	LT	10 US/L	ENV. ENG.
4-METHYL PHENOL	LT	10 US/L	M. A.
4-NITROANILINE	LT	50 US/L	M. A.
4-NITROPHENOL	LT	20 US/L	ENM. LAB.
4-NITROPHENOL	LT	50 US/L	M. A.
4-NITROPHENOL	LT	50 US/L	ENV. ENG.
4-NITROPHENOL	LT	50 US/L	ENV. ENG.
2-METHYL-4,6-DINITROPHENOL	LT	20 US/L	ENM. LAB.
2-METHYL-4,6-DINITROPHENOL	LT	50 US/L	M. A.
2-METHYL-4,6-DINITROPHENOL	LT	20 US/L	ENV. ENG.
2-METHYL-4,6-DINITROPHENOL	LT	20 US/L	ENV. ENG.
ZINC	LT	10 US/L	ENM. LAB.
ZINC	LT	34 US/L	M. A.
ZINC	LT	44 US/L	ENV. ENG.
GROSS ALPHA	0.14+0.30	PC/L	ENM. LAB.
GROSS ALPHA	0.00+0.00	PC/L	M. A.
GROSS ALPHA	0.65+0.35	PC/L	RAD. MEAS.
NONVOLATILE BETA	1	PC/L	ENM. LAB.
NONVOLATILE BETA	0.00+3.00	PC/L	M. A.
NONVOLATILE BETA	1	PC/L	RAD. MEAS.
TOTAL RADIUM	0.02+0.05	PC/L	ENM. LAB.
TOTAL RADIUM	0.00+0.50	PC/L	M. A.
TOTAL RADIUM	1	PC/L	RAD. MEAS.

**CONTINUED**

## WELL BLANK COLLECTED ON 12/18/88 LABORATORY ANALYSES CONTINUED

SAMPLE DATE 12/04/88 TIME 1430  
PH = 6.2 ALKALINITY = 1 MG/L  
SPECIFIC CONDUCTANCE = 3 UMHOS/CM  
WATER TEMPERATURE = 27.0 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

0	BROMODICHLOROETHANE	LT	5 UG/L	ENV.	ENV.
0	BROMODICHLOROETHANE	LT	5 UG/L	ENV.	ENV.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10 UG/L	ENV.	ENV.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10 UG/L	ENV.	ENV.
0	TRICHLOROFLUOROETHANE	LT	5 UG/L	ENV.	ENV.
0	TRICHLOROFLUOROETHANE	LT	5 UG/L	ENV.	ENV.
0	CARBON TETRACHLORIDE	LT	5.00 UG/L	ENV.	ENV.
0	CARBON TETRACHLORIDE	LT	5.00 UG/L	ENV.	ENV.
0	BROMOFORM	LT	10 UG/L	ENV.	ENV.
0	BROMOFORM	LT	10 UG/L	ENV.	ENV.
0	CHLOROFORM	LT	5 UG/L	ENV.	ENV.
0	CHLOROFORM	LT	5 UG/L	ENV.	ENV.
0	METHYLENE CHLORIDE	LT	5 UG/L	ENV.	ENV.
0	METHYLENE CHLORIDE	LT	5 UG/L	ENV.	ENV.
0	BROMOETHANE	LT	10 UG/L	ENV.	ENV.
0	BROMOETHANE	LT	10 UG/L	ENV.	ENV.
0	CHLOROETHANE	LT	10 UG/L	ENV.	ENV.
0	CHLOROETHANE	LT	10 UG/L	ENV.	ENV.
0	CHLOROBENZENE	LT	5 UG/L	ENV.	ENV.
0	CHLOROBENZENE	LT	5 UG/L	ENV.	ENV.
0	COBALT	LT	4 UG/L	ENV.	ENV.
0	CHLOROETHENE	LT	10 UG/L	ENV.	ENV.
0	CHLOROETHENE	LT	10 UG/L	ENV.	ENV.
0	CHLOROETHANE	LT	10 UG/L	ENV.	ENV.
0	CHLOROETHANE	LT	10 UG/L	ENV.	ENV.
0	BENZENE	LT	5 UG/L	ENV.	ENV.
0	BENZENE	LT	5 UG/L	ENV.	ENV.
0	DIBROMOCHLOROETHANE	LT	5 UG/L	ENV.	ENV.
0	DIBROMOCHLOROETHANE	LT	5 UG/L	ENV.	ENV.
0	ETHYLBENZENE	LT	5 UG/L	ENV.	ENV.
0	ETHYLBENZENE	LT	5 UG/L	ENV.	ENV.
0	TOLUENE	LT	5 UG/L	ENV.	ENV.
0	TOLUENE	LT	5 UG/L	ENV.	ENV.
0	1,1,2,2-TETRACHLOROETHANE	LT	10 UG/L	ENV.	ENV.
0	1,1,2,2-TETRACHLOROETHANE	LT	10 UG/L	ENV.	ENV.
0	TETRACHLOROETHYLENE	LT	5.00 UG/L	ENV.	ENV.
0	TETRACHLOROETHYLENE	LT	5.00 UG/L	ENV.	ENV.
0	TRICHLOROETHYLENE	LT	5.00 UG/L	ENV.	ENV.
0	TRICHLOROETHYLENE	LT	5.00 UG/L	ENV.	ENV.
0	TRANS-1,2-DICHLOROETHENE	LT	5 UG/L	ENV.	ENV.
0	TRANS-1,2-DICHLOROETHENE	LT	5 UG/L	ENV.	ENV.
0	1,1-DICHLOROETHYLENE	LT	5 UG/L	ENV.	ENV.
0	1,1-DICHLOROETHYLENE	LT	5 UG/L	ENV.	ENV.
0	1,1-DICHLOROETHANE	LT	5 UG/L	ENV.	ENV.
0	1,1-DICHLOROETHANE	LT	5 UG/L	ENV.	ENV.
0	1,1,1-TRICHLOROETHANE	LT	5 UG/L	ENV.	ENV.
0	1,1,1-TRICHLOROETHANE	LT	5 UG/L	ENV.	ENV.
0	1,1,1-TRICHLOROETHANE	LT	5 UG/L	ENV.	ENV.
0	1,1,1-TRICHLOROETHANE	LT	5 UG/L	ENV.	ENV.
0	1,2-DICHLOROETHANE	LT	1 UG/L	ENV.	ENV.
0	1,2-DICHLOROETHANE	LT	1 UG/L	ENV.	ENV.
0	1,2-DICHLOROPROPANE	LT	10 UG/L	ENV.	ENV.
0	1,2-DICHLOROPROPANE	LT	10 UG/L	ENV.	ENV.
0	CIS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV.	ENV.
0	CIS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV.	ENV.
0	TRANS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV.	ENV.
0	TRANS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV.	ENV.
0	2-CHLOROETHYL VINYL ETHER	LT	10 UG/L	ENV.	ENV.
0	2-CHLOROETHYL VINYL ETHER	LT	10 UG/L	ENV.	ENV.

SAMPLE DATE 12/18/88 TIME 905  
PH = 4.2 ALKALINITY = 0 MG/L  
SPECIFIC CONDUCTANCE = 6 UMHOS/CM  
WATER TEMPERATURE = 9.2 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

0	SPECIFIC CONDUCTANCE		5.00 UHWC	ENH. LAB.
0	SPECIFIC CONDUCTANCE	LT	1.00 UHWC	M. A.
0	SPECIFIC CONDUCTANCE	LT	10.00 UHWC	ENV. ENG.
0	SPECIFIC CONDUCTANCE	LT	10.00 UHWC	ENV. ENG.
0	PH		8.70 PH	ENH. LAB.
1	PH		6.50 PH	M. A.
0	PH		6.11 PH	ENV. ENG.
0	PH		4.19 PH	ENV. ENG.
0	TURBIDITY	LT	1 NTU	ENH. LAB.
0	TURBIDITY		0.12 NTU	M. A.
0	TURBIDITY		0.09 NTU	ENV. ENG.
0	TURBIDITY		0.10 NTU	ENV. ENG.
0	ALPHA-BENZENEHEXACHLORIDE	LT	20 UG/L	ENH. LAB.
0	ACETONE	LT	18 UG/L	M. A.
0	ALPHA-THIOBUTAN	LT	50 UG/L	ENH. LAB.
0	SILVER	LT	10 UG/L	ENH. LAB.
0	SILVER	LT	10 UG/L	M. A.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ALLIUMINUM	LT	400 UG/L	ENH. LAB.
0	ALUMINUM	LT	200 UG/L	M. A.
0	ALUMINUM	LT	20 UG/L	ENV. ENG.
0	ALDRIN	LT	20 UG/L	ENH. LAB.
0	ACENAPHTHENE	LT	10 UG/L	ENH. LAB.
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0	ACENAPHTHENE	LT	11 UG/L	M. A.
0	ACENAPHTHENE	LT	10 UG/L	ENV. ENG.
0	ACENAPHTHENE	LT	10 UG/L	ENV. ENG.
0	ACENAPHTHYLENE	LT	10 UG/L	ENV. LAB.
0	ACENAPHTHYLENE	LT	11 UG/L	N. A.
0	ACENAPHTHYLENE	LT	10 UG/L	ENV. ENG.
0	ACENAPHTHYLENE	LT	10 UG/L	ENV. ENG.
0	ANTHRACENE	LT	19 UG/L	ENV. LAB.
0	ANTHRACENE	LT	11 UG/L	M. A.
0	ANTHRACENE	LT	19 UG/L	ENV. ENG.
0	ANTHRACENE	LT	10 UG/L	ENV. ENG.
0	ANTHRACENE	LT	10 UG/L	ENV. LAB.
0	ARSENIC	LT	10 UG/L	M. A.
0	ARSENIC	LT	10 UG/L	M. A.
2	BARIUM	LT	760 UG/L	ENV. ENG.
0	BARIUM	LT	290 UG/L	ENV. LAB.
0	BARIUM	LT	4 UG/L	M. A.
0	BENZ(a) ANTHRACENE	LT	20 UG/L	ENV. ENG.
0	BENZ(a) ANTHRACENE	LT	11 UG/L	ENV. LAB.
0	BENZ(a) ANTHRACENE	LT	10 UG/L	M. A.
0	BENZ(a) ANTHRACENE	LT	10 UG/L	ENV. ENG.
0	BENZ(b) PYRENE	LT	10 UG/L	ENV. ENG.
0	BENZ(b) PYRENE	LT	11 UG/L	ENV. LAB.
0	BENZ(b) PYRENE	LT	20 UG/L	M. A.
0	BENZ(b) PYRENE	LT	20 UG/L	ENV. ENG.
0	BETA-BENZOFLUORANTHENE	LT	20 UG/L	ENV. ENG.
0	BUTYLBENZYL PHTHALATE	LT	10 UG/L	ENV. LAB.
0	BUTYLBENZYL PHTHALATE	LT	11 UG/L	M. A.
0	BUTYLBENZYL PHTHALATE	LT	10 UG/L	ENV. ENG.
0	BUTYLBENZYL PHTHALATE	LT	10 UG/L	ENV. ENG.
0	BERYLLIUM	LT	10 UG/L	ENV. LAB.
0	BERYLLIUM	LT	5 UG/L	M. A.
0	BERYLLIUM	LT	5 UG/L	ENV. ENG.
0	BETA-ENDORPHAN	LT	50 UG/L	ENV. LAB.
0	BENZIDINE	LT	10 UG/L	ENV. LAB.
0	BENZIDINE	LT	40 UG/L	ENV. ENG.
0	BENZIDINE	LT	40 UG/L	ENV. ENG.
0	BENZOIC ACID	LT	83 UG/L	M. A.
0	BENZO BIFLUORANTHENE	LT	11 UG/L	M. A.
0	BENZO(G,H,I)PERYLENE	LT	10 UG/L	ENV. LAB.
0	BENZO(G,H,I)PERYLENE	LT	11 UG/L	M. A.
0	BENZO(G,H,I)PERYLENE	LT	20 UG/L	ENV. ENG.
0	BENZO(G,H,I)PERYLENE	LT	20 UG/L	ENV. ENG.
0	BENZO(K) FLUORANTHENE	LT	10 UG/L	ENV. LAB.
0	BENZO(K) FLUORANTHENE	LT	11 UG/L	M. A.
0	BENZO(K) FLUORANTHENE	LT	20 UG/L	ENV. ENG.
0	BENZO(K) FLUORANTHENE	LT	20 UG/L	ENV. ENG.
0	BROMODICHLOROMETHANE	LT	10 UG/L	ENV. LAB.
0	BROMODICHLOROMETHANE	LT	5 UG/L	M. A.
0	BROMODICHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0	BENZYL ALCOHOL	LT	11 UG/L	M. A.
0	BENZ-FLUORANTHENE	LT	10 UG/L	ENV. LAB.
0	BIS(2-CHLOROETHYL) ETHER	LT	11 UG/L	M. A.
0	BIS(2-CHLOROETHOXY) METHANE	LT	10 UG/L	ENV. LAB.
0	BIS(2-CHLOROETHOXY) METHANE	LT	11 UG/L	M. A.
0	BIS(2-CHLOROETHOXY) METHANE	LT	20 UG/L	ENV. ENG.
0	BIS(2-CHLOROETHOXY) METHANE	LT	20 UG/L	ENV. ENG.
0	BIS(2-CHLOROISOPROPYL) ETHER	LT	10 UG/L	ENV. LAB.
0	BIS(2-CHLOROISOPROPYL) ETHER	LT	11 UG/L	M. A.
0	BIS(2-CHLOROISOPROPYL) ETHER	LT	20 UG/L	ENV. ENG.
0	BIS(2-CHLOROISOPROPYL) ETHER	LT	20 UG/L	ENV. ENG.
0	BIS(2-CHLOROETHYL) ETHER	LT	10 UG/L	ENV. ENG.
0	BIS(2-CHLOROETHYL) ETHER	LT	10 UG/L	ENV. ENG.
0	BIS(2-CHLOROETHYL) ETHER	LT	10 UG/L	ENV. ENG.
0	BIS(2-ETHYLNEXYL) PHTHALATE	LT	10 UG/L	ENV. LAB.
0	BIS(2-ETHYLNEXYL) PHTHALATE	LT	11 UG/L	M. A.
0	BIS(2-ETHYLNEXYL) PHTHALATE	LT	30 UG/L	ENV. ENG.
0	BIS(2-ETHYLNEXYL) PHTHALATE	LT	10 UG/L	ENV. ENG.
0	CALCIUM	LT	50 UG/L	ENV. LAB.
0	CALCIUM	LT	5000 UG/L	M. A.
0	CALCIUM	LT	58 UG/L	ENV. ENG.
0	CALCIUM	LT	57 UG/L	ENV. ENG.
0	TRICHLOROFLUOROMETHANE	LT	10 UG/L	ENV. LAB.
0	TRICHLOROFLUOROMETHANE	LT	5 UG/L	ENV. ENG.
0	CARBON TETRACHLORIDE	LT	10.0 UG/L	ENV. LAB.
0	CARBON TETRACHLORIDE	LT	5.00 UG/L	M. A.
0	CARBON TETRACHLORIDE	LT	5.00 UG/L	ENV. ENG.
0	CADMIUM	LT	10 UG/L	ENV. LAB.
0	CADMIUM	LT	5 UG/L	M. A.
0	CADMIUM	LT	5 UG/L	ENV. ENG.
0	BROMOFORM	LT	10 UG/L	ENV. LAB.
0	BROMOFORM	LT	5 UG/L	M. A.
0	BROMOFORM	LT	10 UG/L	ENV. ENG.
0	CHLOROFORM	LT	10 UG/L	ENV. LAB.
0	CHLOROFORM	LT	10 UG/L	ENV. LAB.
0	CHLOROFORM	LT	5 UG/L	M. A.
0	CHRYSENE	LT	5 UG/L	ENV. ENG.

CONTINUED

## WELL BLANK COLLECTED ON 12/18/88 LABORATORY ANALYSES CONTINUED

0	HEXACHLOROBENZENE	LT	10 UG/L	ENV. ENG.
0	HEXACHLOROCCYCLOPENTADIENE	LT	10 UG/L	ENV. LAB.
0	HEXACHLOROCCYCLOPENTADIENE	LT	11 UG/L	M. A.
0	HEXACHLOROCCYCLOPENTADIENE	LT	10 UG/L	ENV. ENG.
0	HEXACHLOROCCYCLOPENTADIENE	LT	10 UG/L	ENV. ENG.
0	HEXACHLOROETHANE	LT	10 UG/L	ENV. LAB.
0	HEXACHLOROETHANE	LT	11 UG/L	M. A.
0	HEXACHLOROETHANE	LT	10 UG/L	ENV. ENG.
0	HEXACHLOROETHANE	LT	10 UG/L	ENV. ENG.
0	COBALT	LT	50 UG/L	ENV. LAB.
0	COBALT	LT	50 UG/L	M. A.
0	COBALT	LT	4 UG/L	ENV. ENG.
0	CHROMIUM	LT	50 UG/L	ENV. LAB.
0	CHROMIUM	LT	10 UG/L	ENV. LAB.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	CARBON DISULFIDE	LT	5 UG/L	M. A.
0	COPPER	LT	20 UG/L	ENV. LAB.
0	COPPER	LT	25 UG/L	ENV. LAB.
0	COPPER	LT	4 UG/L	ENV. ENG.
0	CYANIDE	LT	20 UG/L	ENV. LAB.
0	CYANIDE	LT	10 UG/L	M. A.
0	CYANIDE	LT	5 UG/L	ENV. ENG.
0	CHLOROETHENE	LT	10 UG/L	ENV. LAB.
0	CHLOROETHENE	LT	10 UG/L	M. A.
0	CHLOROETHENE	LT	10 UG/L	ENV. ENG.
0	CHLOROETHANE	LT	10 UG/L	ENV. LAB.
0	CHLOROETHANE	LT	10 UG/L	M. A.
0	CHLOROETHANE	LT	10 UG/L	ENV. ENG.
0	BENZENE	LT	10 UG/L	ENV. LAB.
0	BENZENE	LT	5 UG/L	M. A.
0	BENZENE	LT	5 UG/L	ENV. ENG.
0	DIBENZI(A,H)ANTHRACENE	LT	10 UG/L	ENV. LAB.
0	DIBENZI(A,H)ANTHRACENE	LT	11 UG/L	M. A.
0	DIBENZI(A,H)ANTHRACENE	LT	20 UG/L	ENV. ENG.
0	DIBENZI(A,H)ANTHRACENE	LT	20 UG/L	ENV. ENG.
0	DELTA-BENZENEHEXACHLORIDE	LT	20 UG/L	ENV. LAB.
0	DIBROMOCHLOROMETHANE	LT	10 UG/L	ENV. LAB.
0	DIBROMOCHLOROMETHANE	LT	5 UG/L	M. A.
0	DIBROMOCHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0	DIETHYL PHTHALATE	LT	10 UG/L	ENV. LAB.
0	DIETHYL PHTHALATE	LT	11 UG/L	M. A.
0	DIETHYL PHTHALATE	LT	10 UG/L	ENV. ENG.
0	DIETHYL PHTHALATE	LT	10 UG/L	ENV. ENG.
0	DIBENZOPURAN	LT	11 UG/L	M. A.
0	DIELORIN	LT	20 UG/L	ENV. LAB.
0	DIMETHYL PHTHALATE	LT	10 UG/L	ENV. LAB.
0	DIMETHYL PHTHALATE	LT	11 UG/L	M. A.
0	DIMETHYL PHTHALATE	LT	10 UG/L	ENV. ENG.
0	DIMETHYL PHTHALATE	LT	10 UG/L	ENV. ENG.
0	DI-N-BUTYL PHTHALATE	LT	10 UG/L	ENV. LAB.
0	DI-N-BUTYL PHTHALATE	LT	11 UG/L	M. A.
0	DI-N-BUTYL PHTHALATE	LT	10 UG/L	ENV. ENG.
0	DI-N-BUTYL PHTHALATE	LT	10 UG/L	ENV. ENG.
0	DI-N-OCTYL PHTHALATE	LT	10 UG/L	ENV. LAB.
0	DI-N-OCTYL PHTHALATE	LT	11 UG/L	M. A.
0	DI-N-OCTYL PHTHALATE	LT	10 UG/L	ENV. ENG.
0	DI-N-OCTYL PHTHALATE	LT	10 UG/L	ENV. ENG.
0	ENDRIN ALDEHYDE	LT	20 UG/L	ENV. LAB.
0	ENDRIN	LT	0.01 UG/L	ENV. LAB.
0	ENDRIN	LT	20.0 UG/L	ENV. LAB.
0	ENDRIN	LT	0.10 UG/L	M. A.
0	ENDRIN	LT	0.10 UG/L	ENV. ENG.
0	ENDOSULFAN SULFATE	LT	50 UG/L	ENV. LAB.
0	ETHYLBENZENE	LT	10 UG/L	ENV. LAB.
0	ETHYLBENZENE	LT	5 UG/L	M. A.
0	ETHYLBENZENE	LT	5 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. LAB.
0	FLUORIDE	LT	100 UG/L	M. A.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	FLUORANTHENE	LT	10 UG/L	ENV. LAB.
0	FLUORANTHENE	LT	11 UG/L	M. A.
0	FLUORANTHENE	LT	10 UG/L	ENV. ENG.
0	FLUORANTHENE	LT	10 UG/L	ENV. ENG.
0	IRON	LT	70 UG/L	ENV. LAB.
0	IRON	LT	100 UG/L	M. A.
0	IRON	LT	20 UG/L	ENV. ENG.
0	FLUORENE	LT	10 UG/L	ENV. LAB.
0	FLUORENE	LT	11 UG/L	M. A.
0	FLUORENE	LT	10 UG/L	ENV. ENG.
0	FLUORENE	LT	10 UG/L	ENV. ENG.
0	HEXACHLOROBUTADIENE	LT	10 UG/L	ENV. LAB.
0	HEXACHLOROBUTADIENE	LT	11 UG/L	M. A.
0	HEXACHLOROBUTADIENE	LT	10 UG/L	ENV. ENG.
0	HEXACHLOROBUTADIENE	LT	10 UG/L	ENV. ENG.
1	MERCURY	LT	0.70 UG/L	ENV. LAB.
0	MERCURY	LT	0.20 UG/L	M. A.
0	MERCURY	LT	0.40 UG/L	ENV. ENG.
0	HEPTACHLOR	LT	20 UG/L	ENV. LAB.
0	HEPTACHLOR EPOXIDE	LT	20 UG/L	ENV. LAB.
0	INDENO(1,2,3-C,D)PYRENE	LT	10 UG/L	ENV. LAB.
0	INDENO(1,2,3-C,D)PYRENE	LT	11 UG/L	M. A.
0	INDENO(1,2,3-C,D)PYRENE	LT	20 UG/L	ENV. ENG.
0	INDENO(1,2,3-C,D)PYRENE	LT	20 UG/L	ENV. ENG.
0	ISOPHORBONE	LT	10 UG/L	ENV. LAB.
0	ISOPHORBONE	LT	11 UG/L	M. A.
0	ISOPHORBONE	LT	10 UG/L	ENV. ENG.
0	ISOPHORBONE	LT	10 UG/L	ENV. ENG.
0	POTASSIUM	LT	1000 UG/L	ENV. LAB.
0	POTASSIUM	LT	5000 UG/L	M. A.
0	POTASSIUM	LT	940 UG/L	ENV. ENG.
0	LINDANE	LT	0.01 UG/L	ENV. LAB.
0	LINDANE	LT	20 UG/L	ENV. LAB.
0	LINDANE	LT	0.05 UG/L	M. A.
0	LINDANE	LT	0.05 UG/L	ENV. ENG.
0	TOLUENE	LT	10 UG/L	ENV. LAB.
0	TOLUENE	LT	5 UG/L	M. A.
0	TOLUENE	LT	5 UG/L	ENV. ENG.
0	METHYLETHYL KETONE	LT	10 UG/L	M. A.
0	METHOXYCHLOR	LT	0.02 UG/L	ENV. LAB.

CONTINUED

## WELL BLANK COLLECTED ON 12/18/88 LABORATORY ANALYSES CONTINUED

0	METHOXYCHLOR	LT	0.52 UG/L	M. A.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0	MAGNESIUM	LT	10 UG/L	ENV. LAB.
0	MAGNESIUM	LT	5000 UG/L	M. A.
0	MAGNESIUM	LT	14 UG/L	ENV. ENG.
0	MANGANESE	LT	20 UG/L	ENV. LAB.
0	MANGANESE	LT	15 UG/L	M. A.
0	MANGANESE	LT	2 UG/L	ENV. ENG.
0	SODIUM	LT	200 UG/L	ENV. LAB.
0	SODIUM	LT	5000 UG/L	M. A.
0	SODIUM	LT	98 UG/L	ENV. ENG.
0	NAPHTHALENE	LT	10 UG/L	ENV. LAB.
0	NAPHTHALENE	LT	11 UG/L	M. A.
0	NAPHTHALENE	LT	10 UG/L	ENV. ENG.
0	NAPHTHALENE	LT	10 UG/L	ENV. ENG.
0	NITROBENZENE	LT	10 UG/L	ENV. LAB.
0	NITROBENZENE	LT	11 UG/L	M. A.
0	NITROBENZENE	LT	10 UG/L	ENV. ENG.
0	NITROBENZENE	LT	10 UG/L	ENV. ENG.
0	N-NITROSODIMETHYLAMINE	LT	10 UG/L	ENV. LAB.
0	N-NITROSODIMETHYLAMINE	LT	10 UG/L	ENV. ENG.
0	N-NITROSODIMETHYLAMINE	LT	10 UG/L	ENV. ENG.
0	N-NITROSODI-PROPYLAMINE	LT	10 UG/L	ENV. LAB.
0	N-NITROSODI-PROPYLAMINE	LT	11 UG/L	M. A.
0	N-NITROSODI-PROPYLAMINE	LT	10 UG/L	ENV. ENG.
0	N-NITROSODI-PROPYLAMINE	LT	10 UG/L	ENV. ENG.
0	NICKEL	LT	50 UG/L	ENV. LAB.
0	NICKEL	LT	40 UG/L	M. A.
0	NICKEL	LT	4 UG/L	ENV. ENG.
0	N-NITROSODIPHENYLAMINE	LT	10 UG/L	ENV. LAB.
0	N-NITROSODIPHENYLAMINE	LT	11 UG/L	M. A.
0	N-NITROSODIPHENYLAMINE	LT	10 UG/L	ENV. ENG.
0	N-NITROSODIPHENYLAMINE	LT	10 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	LT	50 UG/L	M. A.
0	NITRATE AS NITROGEN	LT	50 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	LT	100 UG/L	ENV. LAB.
0	NITRATE AS NITROGEN	LT	1500 UG/L	M. A.
0	LEAD	LT	50 UG/L	ENV. ENG.
0	LEAD	LT	10 UG/L	ENV. LAB.
0	LEAD	LT	5 UG/L	M. A.
0	LEAD	LT	4 UG/L	ENV. ENG.
0	PCB 1016	LT	50 UG/L	ENV. LAB.
0	PCB 1221	LT	50 UG/L	ENV. LAB.
0	PCB 1232	LT	50 UG/L	ENV. LAB.
0	PCB 1242	LT	50 UG/L	ENV. LAB.
0	PCB 1248	LT	50 UG/L	ENV. LAB.
0	PCB 1254	LT	50 UG/L	ENV. LAB.
0	PCB 1260	LT	50 UG/L	ENV. LAB.
0	PENTACHLOROPHENOL	LT	50 UG/L	ENV. LAB.
0	PENTACHLOROPHENOL	LT	53 UG/L	M. A.
0	PENTACHLOROPHENOL	LT	10 UG/L	ENV. ENG.
0	PENTACHLOROPHENOL	LT	10 UG/L	ENV. ENG.
0	PHENANTHRENE	LT	10 UG/L	ENV. LAB.
0	PHENANTHRENE	LT	11 UG/L	M. A.
0	PHENANTHRENE	LT	10 UG/L	ENV. ENG.
0	PHENANTHRENE	LT	10 UG/L	ENV. ENG.
0	PHENOL	LT	6 UG/L	ENV. LAB.
0	PHENOL	LT	10 UG/L	ENV. LAB.
0	PHENOL	LT	5 UG/L	M. A.
0	PHENOL	LT	11 UG/L	M. A.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	PHENOL	LT	10 UG/L	ENV. ENG.
0	PHENOL	LT	10 UG/L	ENV. ENG.
0	2,2-BIS(4-CHLOROPHENYL)-1,1-DIOLE	LT	20 UG/L	ENV. LAB.
0	2,2-BIS(4-CHLOROPHENYL)-1,1-DCE	LT	20 UG/L	ENV. LAB.
0	2,2-BIS(4-CHLOROPHENYL)-1,1,1,1-TCE	LT	20 UG/L	ENV. LAB.
0	PYRENE	LT	10 UG/L	ENV. LAB.
0	PYRENE	LT	11 UG/L	M. A.
0	PYRENE	LT	10 UG/L	ENV. ENG.
0	PYRENE	LT	10 UG/L	ENV. ENG.
0	ANTIMONY	LT	200 UG/L	ENV. LAB.
0	ANTIMONY	LT	40 UG/L	M. A.
0	ANTIMONY	LT	3 UG/L	ENV. ENG.
0	SELENIUM	LT	10 UG/L	ENV. LAB.
0	SELENIUM	LT	5 UG/L	M. A.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
0	SILICA	LT	1000 UG/L	ENV. LAB.
0	SILICA	LT	124 UG/L	M. A.
0	SILICA	LT	100 UG/L	ENV. ENG.
0	SILICA	LT	100 UG/L	ENV. ENG.
0	SILVEX	LT	0.01 UG/L	ENV. LAB.
0	SILVEX	LT	0.54 UG/L	M. A.
0	SILVEX	LT	0.09 UG/L	ENV. ENG.
0	TIN	LT	10000 UG/L	ENV. LAB.
0	TIN	LT	100 UG/L	M. A.
0	TIN	LT	120 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. LAB.
0	SULFATE	LT	5000 UG/L	M. A.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	STYRENE	LT	5 UG/L	M. A.
0	1,1,2,2-TETRACHLOROETHANE	LT	10 UG/L	ENV. LAB.
0	1,1,2,2-TETRACHLOROETHANE	LT	5 UG/L	M. A.
0	1,1,2,2-TETRACHLOROETHANE	LT	10 UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	LT	10.0 UG/L	ENV. LAB.
0	TETRACHLOROETHYLENE	LT	5.00 UG/L	M. A.
0	TETRACHLOROETHYLENE	LT	5.00 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	LT	220000 UG/L	ENV. LAB.
0	TOTAL DISSOLVED SOLIDS	LT	1000 UG/L	M. A.
0	TOTAL DISSOLVED SOLIDS	LT	5000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	5000 UG/L	ENV. LAB.
0	TOTAL ORGANIC CARBON	LT	1200 UG/L	M. A.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	10 UG/L	ENV. LAB.
0	TOTAL ORGANIC HALOGENS	LT	10 UG/L	M. A.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	10 UG/L	ENV. LAB.
0	TOTAL PHOSPHATES	LT	50 UG/L	M. A.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.

CONTINUED

WELL BLANK COLLECTED ON 12/18/88 LABORATORY ANALYSES CONTINUED

0	3-NITROANILINE	LT	53	UG/L	M. A.
0	3,5-DICHLOROBENZIDENE	LT	10	UG/L	ENM. LAB.
0	3,5-DICHLOROBENZIDENE	LT	21	UG/L	M. A.
0	3,5-DICHLOROBENZIDENE	LT	20	UG/L	ENV. ENG.
0	3,5-DICHLOROBENZIDENE	LT	20	UG/L	ENV. ENG.
0	3,4-BENZOFLUORANTHENE	LT	20	UG/L	ENV. ENG.
0	3,4-BENZOFLUORANTHENE	LT	20	UG/L	ENV. LAB.
0	4-BROMOPHENYLPHENYL ETHER	LT	10	UG/L	ENV. LAB.
0	4-BROMOPHENYLPHENYL ETHER	LT	11	UG/L	M. A.
0	4-BROMOPHENYLPHENYL ETHER	LT	10	UG/L	ENV. ENG.
0	4-BROMOPHENYLPHENYL ETHER	LT	10	UG/L	ENV. ENG.
0	4-CHLORDANILINE	LT	11	UG/L	M. A.
0	4-CHLOROPHENYLPHENYL ETHER	LT	10	UG/L	ENM. LAB.
0	4-CHLOROPHENYLPHENYL ETHER	LT	11	UG/L	M. A.
0	4-CHLOROPHENYLPHENYL ETHER	LT	10	UG/L	ENV. ENG.
0	4-CHLOROPHENYLPHENYL ETHER	LT	10	UG/L	ENV. ENG.
0	3-METHYL-4-CHLOROPHENOL	LT	20	UG/L	ENM. LAB.
0	3-METHYL-4-CHLOROPHENOL	LT	21	UG/L	M. A.
0	3-METHYL-4-CHLOROPHENOL	LT	10	UG/L	ENV. ENG.
0	4-METHYL-4-CHLOROPHENOL	LT	10	UG/L	ENV. ENG.
0	4-METHYL-2-PENTANONE	LT	10	UG/L	ENV. ENG.
0	4-METHYL PHENOL	LT	10	UG/L	M. A.
0	4-NITROANILINE	LT	11	UG/L	M. A.
0	4-NITROPHENOL	LT	53	UG/L	M. A.
0	4-NITROPHENOL	LT	50	UG/L	ENM. LAB.
0	4-NITROPHENOL	LT	53	UG/L	M. A.
0	4-NITROPHENOL	LT	50	UG/L	ENV. ENG.
0	4-NITROPHENOL	LT	50	UG/L	ENV. ENG.
0	2-METHYL-4,6-DINITROPHENOL	LT	50	UG/L	ENM. LAB.
0	2-METHYL-4,6-DINITROPHENOL	LT	53	UG/L	M. A.
0	2-METHYL-4,6-DINITROPHENOL	LT	20	UG/L	ENV. ENG.
0	2-METHYL-4,6-DINITROPHENOL	LT	20	UG/L	ENV. ENG.
0	ZINC		40	UG/L	ENM. LAB.
0	ZINC		123	UG/L	M. A.
0	ZINC		14	UG/L	ENV. ENG.
0	GROSS ALPHA	LT	0.99	PCI/L	ENM. LAB.
0	GROSS ALPHA		0.00+-5.00	PCI/L	M. A.
0	GROSS ALPHA	LT	3	PCI/L	RAD. MEAS.
0	GROSS ALPHA	LT	3	PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	LT	2	PCI/L	ENM. LAB.
0	NONVOLATILE BETA		0.00+-5.00	PCI/L	M. A.
0	NONVOLATILE BETA	LT	2	PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		1.03+-0.74	PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT	0.15	PCI/L	ENM. LAB.
0	TOTAL RADIUM		1.00+-0.30	PCI/L	M. A.
0	TOTAL RADIUM	LT	1	PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT	1	PCI/L	RAD. MEAS.
0	TRITIUM		0.67+-0.18	PCI/L	ENV. LAB.
0	TRITIUM		0.00+-1.00	PCI/L	M. A.
0	TRITIUM	LT	0.70	PCI/L	RAD. MEAS.
0	TRITIUM	LT	0.70	PCI/L	RAD. MEAS.

### MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/28/88 TIME 920  
PH = 6.3 ALKALINITY = 0 MG/L  
SPECIFIC CONDUCTANCE = 1 UMHOS/CM  
WATER TEMPERATURE = 20.8 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

### LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	LT	10.00 UHIC	ENV.	END.
0	PH		6.06 PH	ENV.	END.
0	TURBIDITY		0.08 NTU	ENV.	END.
0	TURBIDITY		0.07 NTU	ENV.	END.
0	SILVER	LT	2 UG/L	ENV.	END.
0	ALUMINUM	LT	20 UG/L	ENV.	END.
0	ACENAPHTHENE	LT	10 UG/L	ENV.	END.
0	ACENAPHTHENE	LT	10 UG/L	ENV.	END.
0	ACENAPHTHYLENE	LT	10 UG/L	ENV.	END.
0	ACENAPHTHYLENE	LT	10 UG/L	ENV.	END.
0	ANTHRACENE	LT	10 UG/L	ENV.	END.
0	ANTHRACENE	LT	10 UG/L	ENV.	END.
0	ARSENIC	LT	2 UG/L	ENV.	END.
0	BARIUM	LT	4 UG/L	ENV.	END.
0	BENZON A IANTHRACENE	LT	10 UG/L	ENV.	END.
0	BENZON A IANTHRACENE	LT	10 UG/L	ENV.	END.
0	BENZON A IPYRENE	LT	20 UG/L	ENV.	END.
0	BENZON A IPYRENE	LT	20 UG/L	ENV.	END.
0	BUTYLBENZYL PHTHALATE	LT	10 UG/L	ENV.	END.
0	BUTYLBENZYL PHTHALATE	LT	10 UG/L	ENV.	END.
0	BERYLLIUM	LT	5 UG/L	ENV.	END.
0	BENZIDINE	LT	40 UG/L	ENV.	END.
0	BENZIDINE	LT	40 UG/L	ENV.	END.
0	BENZON G,H,I IPERYLENE	LT	20 UG/L	ENV.	END.
0	BENZON G,H,I IPERYLENE	LT	20 UG/L	ENV.	END.
0	BENZON K JFLUORANTHENE	LT	20 UG/L	ENV.	END.
0	BENZON K JFLUORANTHENE	LT	20 UG/L	ENV.	END.
0	BROMOCHLORODICHLOROMETHANE	LT	5 UG/L	ENV.	END.
0	BIS(2-CHLORODITHIOXY) METHANE	LT	20 UG/L	ENV.	END.
0	BIS(2-CHLORODITHIOXY) METHANE	LT	20 UG/L	ENV.	END.
0	BIS(2-CHLORODISOPROPYL) ETHER	LT	20 UG/L	ENV.	END.
0	BIS(2-CHLORODISOPROPYL) ETHER	LT	20 UG/L	ENV.	END.
0	BIS(2-CHLORODITHYL) ETHER	LT	10 UG/L	ENV.	END.
0	BIS(2-CHLORODITHYL) ETHER	LT	10 UG/L	ENV.	END.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10 UG/L	ENV.	END.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10 UG/L	ENV.	END.
0	CALCIUM		106 UG/L	ENV.	END.
0	CALCIUM		105 UG/L	ENV.	END.
0	TRICHLOROFUOROMETHANE	LT	5 UG/L	ENV.	END.
0	CARBON TETRACHLORIDE	LT	5.00 UG/L	ENV.	END.
0	CADMIUM	LT	2 UG/L	ENV.	END.
0	BROMOFORM	LT	10 UG/L	ENV.	END.
0	CHLOROFORM	LT	5 UG/L	ENV.	END.
0	COMETANO				

**CONTINUED**



## WELL BLANK COLLECTED ON 12/28/88 LABORATORY ANALYSES CONTINUED

0	CHRYSENE	LT	20 UG/L	ENV. ENG.
0	CHRYSENE	LT	20 UG/L	ENV. ENG.
0	METHYLENE CHLORIDE	LT	5 UG/L	ENV. ENG.
0	BROMOMETHANE	LT	10 UG/L	ENV. ENG.
0	CHLOROMETHANE	LT	10 UG/L	ENV. ENG.
0	CHLORIDE	LT	1000 UG/L	ENV. ENG.
0	CHLOROBENZENE	LT	5 UG/L	ENV. ENG.
0	HEXACHLOROBENZENE	LT	10 UG/L	ENV. ENG.
0	HEXACHLOROCYCLOPENTADIENE	LT	10 UG/L	ENV. ENG.
0	HEXACHLOROCYCLOPENTADIENE	LT	10 UG/L	ENV. ENG.
0	HEXACHLOROCYCLOPENTADIENE	LT	10 UG/L	ENV. ENG.
0	HEXACHLORODITHANE	LT	10 UG/L	ENV. ENG.
0	HEXACHLORODITHANE	LT	10 UG/L	ENV. ENG.
0	COBALT	LT	4 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER	LT	4 UG/L	ENV. ENG.
0	CYANIDE	LT	5 UG/L	ENV. ENG.
0	CYANIDE	LT	5 UG/L	ENV. ENG.
0	CHLOROETHENE	LT	10 UG/L	ENV. ENG.
0	CHLOROETHANE	LT	10 UG/L	ENV. ENG.
0	BENZENE	LT	5 UG/L	ENV. ENG.
0	DIBENZ(A,H)ANTHRACENE	LT	20 UG/L	ENV. ENG.
0	DIBENZ(A,H)ANTHRACENE	LT	20 UG/L	ENV. ENG.
0	DIBROMOCHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0	DITHYL PHTHALATE	LT	10 UG/L	ENV. ENG.
0	DITHYL PHTHALATE	LT	10 UG/L	ENV. ENG.
0	DITHYL PHTHALATE	LT	10 UG/L	ENV. ENG.
0	DITHYL PHTHALATE	LT	10 UG/L	ENV. ENG.
0	DI-N-BUTYL PHTHALATE	LT	10 UG/L	ENV. ENG.
0	DI-N-BUTYL PHTHALATE	LT	10 UG/L	ENV. ENG.
0	DI-N-OCTYL PHTHALATE	LT	10 UG/L	ENV. ENG.
0	DI-N-OCTYL PHTHALATE	LT	10 UG/L	ENV. ENG.
0	ENDRIN	LT	0.10 UG/L	ENV. ENG.
0	ETHYLBENZENE	LT	5 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	FLUORANTHENE	LT	10 UG/L	ENV. ENG.
0	FLUORANTHENE	LT	10 UG/L	ENV. ENG.
0	IRON	LT	20 UG/L	ENV. ENG.
0	FLUORENE	LT	10 UG/L	ENV. ENG.
0	FLUORENE	LT	10 UG/L	ENV. ENG.
0	HEXACHLOROBUTADIENE	LT	10 UG/L	ENV. ENG.
0	HEXACHLOROBUTADIENE	LT	10 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	INDENO(1,2,3-C,D)PYRENE	LT	20 UG/L	ENV. ENG.
0	INDENO(1,2,3-C,D)PYRENE	LT	20 UG/L	ENV. ENG.
0	ISOPHORENE	LT	10 UG/L	ENV. ENG.
0	ISOPHORENE	LT	10 UG/L	ENV. ENG.
0	POTASSIUM	LT	500 UG/L	ENV. ENG.
0	LINDANE	LT	0.05 UG/L	ENV. ENG.
0	TOLUENE	LT	5 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0	MAGNESIUM	LT	14 UG/L	ENV. ENG.
0	MAGNESIUM	LT	22 UG/L	ENV. ENG.
0	MANGANESE	LT	2 UG/L	ENV. ENG.
0	SODIUM	LT	149 UG/L	ENV. ENG.
0	SODIUM	LT	135 UG/L	ENV. ENG.
0	NAPHTHALENE	LT	10 UG/L	ENV. ENG.
0	NAPHTHALENE	LT	10 UG/L	ENV. ENG.
0	NITROBENZENE	LT	10 UG/L	ENV. ENG.
0	NITROBENZENE	LT	10 UG/L	ENV. ENG.
0	N-NITROSODIMETHYLAMINE	LT	10 UG/L	ENV. ENG.
0	N-NITROSODIMETHYLAMINE	LT	10 UG/L	ENV. ENG.
0	N-NITROSODI-PROPYLAMINE	LT	10 UG/L	ENV. ENG.
0	N-NITROSODI-PROPYLAMINE	LT	10 UG/L	ENV. ENG.
0	NICKEL	LT	5 UG/L	ENV. ENG.
0	N-NITROSODIPHENYLAMINE	LT	10 UG/L	ENV. ENG.
0	N-NITROSODIPHENYLAMINE	LT	10 UG/L	ENV. ENG.
0	NITRITE AS NITROGEN	LT	50 UG/L	ENV. ENG.
0	NITRITE AS NITROGEN	LT	50 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	LT	50 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	LT	50 UG/L	ENV. ENG.
0	LEAD	LT	4 UG/L	ENV. ENG.
0	PENTACHLOROPHENOL	LT	10 UG/L	ENV. ENG.
0	PENTACHLOROPHENOL	LT	10 UG/L	ENV. ENG.
0	PHENANTHRENE	LT	10 UG/L	ENV. ENG.
0	PHENANTHRENE	LT	10 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	PHENOL	LT	10 UG/L	ENV. ENG.
0	PHENOL	LT	10 UG/L	ENV. ENG.
0	PYRENE	LT	10 UG/L	ENV. ENG.
0	PYRENE	LT	10 UG/L	ENV. ENG.
0	ANTHONY	LT	3 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA	LT	150 UG/L	ENV. ENG.
0	SILVEX	LT	0.09 UG/L	ENV. ENG.
0	TIN	LT	120 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	1,1,2,2-TETRACHLOROETHANE	LT	10 UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	LT	5.00 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	LT	6000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	TRICHLOROETHYLENE	LT	5.00 UG/L	ENV. ENG.
0	TOLAPHENE	LT	1 UG/L	ENV. ENG.
0	TRANS-1,2-DICHLOROETHENE	LT	5 UG/L	ENV. ENG.
0	URANIUM	LT	1000 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	5 UG/L	ENV. ENG.
0	1,1-DICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,1,1-TRICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,1,1-TRICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,2-DICHLOROBENZENE	LT	10 UG/L	ENV. ENG.
0	1,2-DICHLOROBENZENE	LT	10 UG/L	ENV. ENG.
0	1,2-DICHLOROETHANE	LT	1 UG/L	ENV. ENG.
0	1,2-DICHLOROPROPANE	LT	10 UG/L	ENV. ENG.
0	1,2-DIPHENYL HYDRAZINE	LT	20 UG/L	ENV. ENG.
0	1,2-DIPHENYL HYDRAZINE	LT	20 UG/L	ENV. ENG.
0	1,2,3-TRICHLOROBENZENE	LT	10 UG/L	ENV. ENG.
0	1,2,3-TRICHLOROBENZENE	LT	10 UG/L	ENV. ENG.

CONTINUED

## WELL BLANK COLLECTED ON 12/28/88 LABORATORY ANALYSES CONTINUED

0	1,3-DICHLOROBENZENE	LT	10 UG/L	ENV. ENG.
0	1,3-DICHLOROBENZENE	LT	10 UG/L	ENV. ENG.
0	CIS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0	TRANS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0	1,4-DICHLOROBENZENE	LT	10 UG/L	ENV. ENG.
0	1,4-DICHLOROBENZENE	LT	10 UG/L	ENV. ENG.
0	2-CHLOROETHYL VINYL ETHER	LT	10 UG/L	ENV. ENG.
0	2-CHLOROPHENOL	LT	10 UG/L	ENV. ENG.
0	2-CHLOROPHENOL	LT	10 UG/L	ENV. ENG.
0	2-CHLORONAPHTHALENE	LT	10 UG/L	ENV. ENG.
0	2-CHLORONAPHTHALENE	LT	10 UG/L	ENV. ENG.
0	2-NITROPHENOL	LT	20 UG/L	ENV. ENG.
0	2-NITROPHENOL	LT	20 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOL	LT	0.30 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOL	LT	10 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOL	LT	10 UG/L	ENV. ENG.
0	2,4-DIMETHYL PHENOL	LT	10 UG/L	ENV. ENG.
0	2,4-DIMETHYL PHENOL	LT	10 UG/L	ENV. ENG.
0	2,4-DINITROPHENOL	LT	50 UG/L	ENV. ENG.
0	2,4-DINITROPHENOL	LT	50 UG/L	ENV. ENG.
0	2,4-DINITROTOLUENE	LT	20 UG/L	ENV. ENG.
0	2,4-DINITROTOLUENE	LT	20 UG/L	ENV. ENG.
0	2,4,6-TRICHLOROPHENOL	LT	10 UG/L	ENV. ENG.
0	2,4,6-TRICHLOROPHENOL	LT	10 UG/L	ENV. ENG.
0	2,4-DINITROTOLUENE	LT	20 UG/L	ENV. ENG.
0	2,4-DINITROTOLUENE	LT	20 UG/L	ENV. ENG.
0	3,3-DICHLOROBENZIDENE	LT	20 UG/L	ENV. ENG.
0	3,3-DICHLOROBENZIDENE	LT	20 UG/L	ENV. ENG.
0	3,4-BENZOFUORANTHENE	LT	20 UG/L	ENV. ENG.
0	3,4-BENZOFUORANTHENE	LT	20 UG/L	ENV. ENG.
0	4-BROMOPHENYLPHENYL ETHER	LT	10 UG/L	ENV. ENG.
0	4-BROMOPHENYLPHENYL ETHER	LT	10 UG/L	ENV. ENG.
0	4-CHLOROPHENYLPHENYL ETHER	LT	10 UG/L	ENV. ENG.
0	4-CHLOROPHENYLPHENYL ETHER	LT	10 UG/L	ENV. ENG.
0	3-METHYL-4-CHLOROPHENOL	LT	10 UG/L	ENV. ENG.
0	4-NITROPHENOL	LT	50 UG/L	ENV. ENG.
0	4-NITROPHENOL	LT	50 UG/L	ENV. ENG.
0	2-METHYL-4,6-DINITROPHENOL	LT	20 UG/L	ENV. ENG.
0	2-METHYL-4,6-DINITROPHENOL	LT	20 UG/L	ENV. ENG.
0	ZINC	LT	20 UG/L	ENV. ENG.
0	ZINC	LT	16 UG/L	ENV. ENG.
0	GROSS ALPHA	LT	0.42+0.35 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	LT	2 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT	0.53+0.51 PCI/L	RAD. MEAS.
0	TRITIUM	LT	0.70 PCI/ML	RAD. MEAS.

# SAMPLE ANALYSIS

## REVIEW OF THE ANALYTICAL DATA FOR ERRORS

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

The total organic carbon samples for some wells required filtration before analyses could be done. These wells were AMB 7, KSS 1D, KSS 2D, SSS 8, SSS 10, SSS 22, and SSS 23.

Health Protection Department and Envirodyne have agreed upon a new detection limit for iron. Starting with the fourth quarter analytical data, the detection limit will be <0.020 mg/L.

## Review of the Envirodyne Analytical Data

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

Previously, the methylene chloride values were eliminated from the analytical data because Envirodyne had concluded that elevated values could be due to background contamination. Recently, Envirodyne revised this decision due to new laboratory results; Envirodyne personnel are confident that the methylene chloride results reported for the fourth quarter are correct and should be kept in the database.

For base/neutral/acid (BNA) samples, AOB 1A had three surrogate recoveries and MSB 7A had one surrogate recovery that were outside the acceptance criteria. Envirodyne attributes these low recoveries to matrix effects.

Envirodyne had difficulty with the total organic halogen analyses for BGO 2C, BGO 2D, BGO 4D, and BGO 14C. The instrument baseline would not stabilize due to an unknown volatile component.

The following replicate analyses yielded a relative percent difference (RPD) greater than 20% during both initial and re-analyses by Envirodyne:

<u>Well</u>	<u>Analyte</u>
ARP 4	Copper
Blank (12/28/89)	Calcium
FSB 90C	Zinc
FSB109D	Zinc
HSB 85A	Sodium

The specific conductance readings for Blank (11/05/89) would neither stabilize nor duplicate correctly. Envirodyne analyzed the sample three times (20.6  $\mu$ mhos/cm, 10.1  $\mu$ mhos/cm, and 2.64  $\mu$ mhos/cm) and reported the value as <10.0  $\mu$ mhos/cm.

# SAMPLE ANALYSIS

## REVIEW OF THE ANALYTICAL DATA FOR ERRORS (cont.)

Envirodyne reported the following units incorrectly:

<u>Analyte</u>	<u>Incorrect Units</u>	<u>Correct Units</u>
Turbidity	mg/L	NTU
Phenols	mg/L	µg/L

GCMS VOA analyses for MSB 22 and XSB 1D were not corrected for the dilution factor by Envirodyne. The analytical results were corrected after a review of the laboratory records.

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

<u>Sample Date</u>	<u>Analyte</u>	<u>Associated Samples</u>
10/24/88	Total organic halogens	BGO 12C, BGO 12D, FSB 93C, FSB 97A, HSB117D, HSB133D
11/05/88	Mercury	BGO 6C, BGO 12D, BGO 15D, BGO 16D, HSB118A
12/18/88	Mercury	FET 1D, FET 3D, FSS 3D, HET 2D, HET 4D, SSS 5, ZBG 2

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

<u>Well</u>	<u>Analyte</u>	<u>Incorrect Value</u>	<u>Correct Value</u>
BGO 9D	Specific conductance	19.1 µmhos/cm 120 µmhos/cm <10.0 µmhos/cm	57 µmhos/cm 44 µmhos/cm 52 µmhos/cm
	Iron	0.159 mg/L	<0.020 mg/L
BGO 10C	Silvex	<0.40 µg/L	<0.45 µg/L
BGO 13D	Silver	0.266 mg/L	0.066 mg/L
BGO 17D	Potassium	8.50 mg/L	0.850 mg/L
Blank	Total organic halogens	13 µg/L	<5.0 µg/L
CRP 3	Nitrate (as N)	<0.05 mg/L	2.11 mg/L
DCB 6	Tetrachloroethylene	<10.0 µg/L	<5.0 µg/L
FSB 89C	Total phosphate	0.43 mg/L	0.031 mg/L
FSB 92D	Selenium	0.036 mg/L	0.004 mg/L
FSB 98A	Potassium	1.89 mg/L	18.9 mg/L
FSB 99A	Total dissolved solids	6000 mg/L	120 mg/L
FSB109D	Sodium	2.48 mg/L	24.8 mg/L
FSB110D	Sulfate	<5.0 mg/L	<10.0 mg/L
FSB111D	Total dissolved solids	480 mg/L	48 mg/L

# SAMPLE ANALYSIS

## REVIEW OF THE ANALYTICAL DATA FOR ERRORS (cont.)

<u>Well</u>	<u>Analyte</u>	<u>Incorrect Value</u>	<u>Correct Value</u>
HSB 70C	Total phosphate	1.1 mg/L	0.10 mg/L
HSB 71	Nickel	0.04 mg/L	0.004 mg/L
	Antimony	0.017 mg/L	<0.003 mg/L
HSB 83A	Antimony	0.077 mg/L	<0.003 mg/L
HSB 83C	Specific conductance	135 $\mu$ mhos/cm	24.3 $\mu$ mhos/cm
HSB 83D	Cobalt	<0.002 mg/L	<0.004 mg/L
	Antimony	0.020 mg/L	<0.003 mg/L
		0.019 mg/L	<0.003 mg/L
HSB 84D	Antimony	0.019 mg/L	<0.003 mg/L
HSB110C	Silver	0.160 mg/L	<0.002 mg/L
HSB111E	Copper	0.085 mg/L	0.009 mg/L
HSB130D	Copper	0.080 mg/L	0.008 mg/L
	Total dissolved solids	760.0 mg/L	160.0 mg/L
MSB 19C	Sodium	2.44 mg/L	24.4 mg/L

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

<u>Analyte</u>	<u>Well</u>
Gross alpha	FSB 77, FSB 97D, FSB105D, FTF 15, HSB139C, RSB 8, RSD 8, RSE 8
Arsenic	FSB 90D, FSB 92D, FSB 95D, FSB 98C, FSB104D, FSB105C, FSB105D, FSB110D
Barium	FSB 93D
Nonvol. beta	BGO 9D, FSB105D, FTF 15, HSB107D, HSB124A, RSB 8, ZBG 1
Calcium	BGO 12C, BGO 25A, HSB109D, HSB129C
Cadmium	FSB 98D
Specific conductance	BGO 3D, BGO 4D, BGO 8A, BGO 8C, BGO 10C, BGO 11D, BGO 12D, BGO 22D, FSB111D, HSB 71, HSB 84A, HSB133C, MSB 19C
Chromium	FSB 76C, FSB 79A, FSB105D
Copper	FSB 95C, FSB 95D, FSB 98D, HSB 83A, HSB111E, HSB117D, MSB 36D
Fluoride	FSB 91D

# SAMPLE ANALYSIS

## REVIEW OF THE ANALYTICAL DATA FOR ERRORS (cont.)

Analyte	Well
Iron	BGO 6D, BGO 15D, BGO 22D, BGO 23D, FSB 76C, FSB 89D, FSB 93D, FSB 95D, FSB 97C, FSB 98D, FSB105D, HSB100D, HSB115D, HSB125C, YSB 4A
Mercury	BGO 2D, FSB110D, HSB102C, HSB118A, HSB126D, MSB 40A
Potassium	FSB 89C, FSB 90D, FSB 91C, FSB 93D, FSB 95C, FSB 98D, FSB104C, HSB 69A, HSB 71C, HSB112E, HSB116D, HSB124A, HSB129D, HSB133C, HSB136C
Magnesium	BGO 12D, BGO 14C, FSB 93D, FSB 95C, FSB 96A, FSB104D, HSB103C, HSB124A
Manganese	FSB 93D, FSB 97C, FSB 98D, HSB 68C, HSB129C
Sodium	FSB 93D, HSB110D, HSB125D, HSB133C
Nickel	FSB 76, FSB110C
Nitrate (as N)	FTF 3, FTF 6, FTF 7, MSB 10B, MSB 39A
Lead	FSB 88D, FSB 92D, FSB 93D, FSB 98D, HSB127D
pH	BGO 4D
Phenols	BGO 25A, FSB 95D
Silica	BGO 6A, BGO 8A, BGO 10C, HSB124A
Total dissolved solids	BGO 5D, BGO 13D, BGO 19D, HSB111E, MSB 43A, MSB 43B, MSB 43D
Total organic carbon	HSB 83B
Total organic halogens	FSB 76, FSB110C, HSB 65A, HSB 65C, HSB100C, HSB101C, HSB103C, HSB104C, HSB106C, HSB107C, HSB107D, HSB122A, HSB123A, HSB124A, HSB125D, HSB132D, HSB136C
Total phosphate	FSB 78, HSB 70C, HSB124A, MSB 21A, MSB 36D, MSB 40A

# SAMPLE ANALYSIS

## REVIEW OF THE ANALYTICAL DATA FOR ERRORS (cont.)

<u>Analyte</u>	<u>Well</u>
Tritium	BGO 6D, HSB101D, HSB103D, HSB104D, LSB 3
Turbidity	BGO 1D, BGO 3D, BGO 5C, BGO 5D, BGO 6D, BGO 7D, BGO 8A, BGO 8C, BGO 8D, BGO 9D, BGO 10A, BGO 10C, BGO 12A, BGO 12C, BGO 14C, BGO 17D, BGO 18D, BGO 19D, BGO 21D
Zinc	FSB107C, FSB110C, FSB111D, HSB 70C, HSB 84B, HSB106C, HSB109C, HSB114C, HSB125C, HSB126C, HSB130D, MSB 7A, MSB 18A, MSB 18C, MSB 21C, MSB 21TA, MSB 39D, MSB 43B
1,1,2,2-Tetrachloroethane	MSB 22
trans-1,2-Dichloroethene	MSB 22
2,4-D	BGO 16D, BGO 10C
Tetrachloroethylene	MSB 4A, MSB 22
Trichloroethylene	MSB 22

The following analyses were not preformed by Envirodyne for the reasons given below.

<u>Well</u>	<u>Analyte</u>	<u>Reason</u>
BGO 13D	Gross alpha, nonvol. beta, total radium	Insufficient water for complete sampling
FSB108D	Specific conductance, pH	Preserved sample not received by laboratory
HSB120A	Phenols	Sample consumed before analysis could be done
HSB123A	Phenols	Sample consumed before analysis could be done
HSB129D	Total organic halogens	Sample broken in shipment
HTF 13	Specific conductance, pH	Inadvertently preserved with nitric acid /

## SAMPLE ANALYSIS

### REVIEW OF THE ANALYTICAL DATA FOR ERRORS (cont.)

<u>Well</u>	<u>Analyte</u>	<u>Reason</u>
HTF 15	Nitrate (as N), pH, sodium, specific conductance	Insufficient water for complete sampling
LFW 26	Pest/Herb	Sample broken in shipment

### Review of the Weston Analytical Data

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

<u>Analyte</u>	<u>Well</u>
Gross alpha	FSB101A
Aluminum	MSB 21A
Chromium	ZBG 2
Manganese	MSB 21A, ZBG 2
Nitrate (as N)	ZBG 2
Total organic carbon	BGO 7D
Tritium	HAP 1, ZBG 2, ZDT 2
Turbidity	BGO 7D
Zinc	HSB118A

Weston reported herbicides results in  $\mu\text{g/kg}$ . These units were corrected to  $\mu\text{g/L}$ .

Weston inadvertently omitted chloride analyses for wells HAP 1, YSB 4A, and ZDT 2.

### Review of the Enwright Analytical Data

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

<u>Well</u>	<u>Analyte</u>	<u>Incorrect Value</u>	<u>Correct Value</u>
FSB 76A	Total organic halogens	27.0 $\mu\text{g/L}$	<5.0 $\mu\text{g/L}$
ZDT 2	Specific conductance	4.7 $\mu\text{mhos/cm}$	47.0 $\mu\text{mhos/cm}$

## SAMPLE ANALYSIS

### REVIEW OF THE ANALYTICAL DATA FOR ERRORS (cont.)

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

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

<u>Analyte</u>	<u>Well</u>
Calcium	HAP 1
Specific conductance	ZDT 2
Iron	HAP 1, ZDT 2
Manganese	HAP 1
Sodium	HAP 1
Phenols	MSB 36C
Total organic carbon	HAP 1, ZDT 2
Total organic halogens	FSB 76A, FSB 89C
Tritium	FSB 76A
Zinc	MSB 21A

The following analyses were not performed by Enwright for the reasons given below.

<u>Well</u>	<u>Analyte</u>	<u>Reason</u>
HSB117A	Selenium	Inadvertently omitted by laboratory
ZBG 2	Nitrate (as N)	Sample exceeded holding time

### Review of the M-Area Laboratory Analytical Data

The following analyses performed by M-Area Laboratory were corrected after a review of the laboratory records.

<u>Well</u>	<u>Analyte</u>	<u>Incorrect Value</u>	<u>Correct Value</u>
MSB 14B	1,1,1-Trichloroethylene	<0.25 µg/L	<1.0 µg/L
	Trichloroethylene	0.343 µg/L	<1.0 µg/L
	Tetrachloroethylene	<0.25 µg/L	<1.0 µg/L
	Chloroform	<0.25 µg/L	<1.0 µg/L
	1,1-Dichloroethene	<0.25 µg/L	<1.0 µg/L



## SAMPLE ANALYSIS

### REVIEW OF THE ANALYTICAL DATA FOR ERRORS (cont.)

<u>Well</u>	<u>Analyte</u>	<u>Incorrect Value</u>	<u>Correct Value</u>
MSB 14B (cont.)	trans-1,3-Dichloro-ethene	<0.25 µg/L	<1.0 µg/L
MSB 30CC	Trichloroethylene	24.7 µg/L	4.94 µg/L
RWM 9	Tetrachloroethylene	631 µg/L	63.1 µg/L

The following fourth quarter analytical results reported by M-Area Laboratory are considerably different from previous results. A review of the laboratory records did not reveal a problem with the analyses.

<u>Analyte</u>	<u>Well</u>
Tetrachloroethylene	MSB 11C
Trichloroethylene	MSB 11C, MSB 23TA, RWM 9

### Review of the Health Protection Laboratory Analytical Data

The following fourth quarter results reported by Health Protection Laboratory differ considerably from previous results. A review of the drinking water records did not reveal a problem with the analyses.

<u>Analyte</u>	<u>Site</u>
Gross alpha	A Area, Classification Yard, Jackson Gate, Williston Gate, 617-G Wakenhut, 701-1F Building, 772-F Building, EOC, 701-13G Barricade 6, 241-24H Building
Nonvol. beta	Allendale Gate, Forestry Building, 221-F Building
Tritium	105K Building, 701-1H Building, Central Shops

Health Protection Laboratory mistakenly entered the tritium result for FTF 7 as FTF 11. This was corrected in the analytical data after a review of the laboratory results.

The following analyses performed by the Health Protection Laboratory were corrected after a review of the laboratory records.

<u>Well</u>	<u>Analyte</u>	<u>Incorrect Value</u>	<u>Correct Value</u>
F 17	Gross alpha	222.74 ± 30.4 pCi/L	49.57 ± 10.9 pCi/L
FTF 21	Nonvol. beta	145.25 ± 14.6 pCi/L	24.75 ± 3.16 pCi/L
HSB102D	Gross alpha	43.5 ± 5.18 pCi/L	8.97 ± 2.37 pCi/L

# SAMPLE ANALYSIS

## REVIEW OF THE ANALYTICAL DATA FOR ERRORS (cont.)

The following fourth quarter results reported by the Health Protection Laboratory differ considerably from previous results. A review of the laboratory records did not reveal a problem with the analyses.

Analyte	Well
Gross alpha	F 18A, FCA 16B, FSB 77, FSB 78, FSB 78C, FSB 79, FSB 79C, FSB 90D, FSB 93D, FSB 95D, FSB 97D, FSB 98C, FSB104D, FSB105D, FSB106C, FSB110D, H 6, H 10, HSB110D, HSB111E
Nonvol. beta	F 17, FSB 97D, FTF 6, H 7, HSB 84D, HSB117C, HSB129D, HSB133D, MGG 36, RSB 7, RSC 2, RSC 7, RSE 1B.

## ANALYTICAL METHODS

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

Analyte	Method		
	Envirodyne	Enwright	Weston
Acrolein, Acrylonitrile, Acetonitrile	603.0 GC	-	-
Alkalinity	310.1	-	-
Aluminum	200 (AA-Flame)	202.1	200.7
Ammonia	350.1	-	-
Antimony	200 (AA-Flameless)	204.1	-
Appendix IX*			
Arsenic	200 (AA-Flameless)	206.2	206.2
	200 (AA-Hydride)		
Barium	200 (AA-Flame)	208.1	200.7
	200 (ICP)		
Base/Neutral/Acid (BNA)	625.0	-	-
Benzene	602	624	602
Beryllium	200 (AA-Flameless)	210.1	200.7
	200 (ICP)		
Bromide	300.0	-	320.1
Cadmium	200 (AA-Flameless)	213.1	200.7
	200 (AA-Flame)		
	200 (ICP)		
Calcium	200 (AA-Flame)	215.1	200.7
	200 (ICP)		
Chloride	325.3	325.3	325.3
	300.0		
Chromium	200 (AA-Flameless)	218.1	200.7
	200 (ICP)		
Cobalt	200 (ICP)	-	-

\* Not applicable, various methods used

# SAMPLE ANALYSIS

## ANALYTICAL METHODS (cont.)

Analyte	Method		
	Envirodyne	Enwright	Weston
Copper	200 (AA-Flameless) 200 (ICP)	220.1	200.7
Cyanide	335.2	335.1	335.3
2,4-D	615.0	509B	509B
Endrin	608.0	608	509A
Fluoride	340.1	340.2	340.2
Gross alpha	900.0	900	600 (4-80-032)
Iron	200 (AA-Flame) 200 (ICP)	236.1	200.7
Lead	200 (AA-Flameless) 200 (ICP)	239.2	200.7
Lindane	608.0	608	509A
Magnesium	200 (AA-Flame) 200 (ICP)	242.1	200.7
Manganese	200 (AA-Flame) 200 (ICP)	243.1	200.7
Mercury	245.1	245.1	245
Methoxychlor	608.0	608	509A
Nickel	200 (AA-Flameless) 200 (ICP)	249.1	200.7
Nitrate (as N)	353.3	352.1	352.1
Nitrite (as N)	353.3	-	-
Nonvolatile beta	900.0	900	600 (4-80-032)
pH	150.1	150.1	150.1
Phenols	420.2	420.1	420.1
Potassium	200 (AA-Flame) 200 (ICP)	258.1	200.7
Priority Pollutants*			
Selenium	200 (AA-Flameless) 200 (AA-Hydride)	270.2	270.2
Silica	370.1	-	200.7
Silver	200 (AA-Flameless) 200 (AA-Flame)	272.1	200.7
Silvex	615.0	509B	509B
Sodium	200 (AA-Flame) 200 (ICP)	273.1	200.7
Specific conductance	120.1	120.1	120.1
Strontium	200 (ICP)	-	-
Sulfate	375.2 300.0	375.4	375.2
Tin	200 (ICP)	282.1	200.7
Total dissolved solids	160.1	160.1	160
Total organic carbon	415.1	415.1	415.1
Total organic halogens	450.1	9020	450.1
Total radium	900.0	903	600 (4-80-032)

\* Not applicable, various methods used

## SAMPLE ANALYSIS

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### ANALYTICAL METHODS (cont.)

<u>Analyte</u>	<u>Method</u>		
	<u>Envirodyne</u>	<u>Enwright</u>	<u>Weston</u>
Total phosphates	365.1	365.2	365.1
Toxaphene	608.0	608	509A
Turbidity	180.1	180.1	180.1
Tritium	-	906	-
Uranium	200 (ICP)	908.1	200.7
Volatile organics (GC) (GCMS)	601.0	601	601
	624.0	624	624
Zinc	200 (AA-Flame)	289	200.7
	200 (ICP)		

## FLAGGING CRITERIA

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

The Flag 1 criteria are set at the current analytical detection limit or above the approximate background concentration level for each constituent in SRS groundwaters.

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

<u>Parameter</u>	<u>Unit</u>	<u>Flag 1</u>		<u>Flag 2</u>	
		<u>Criteria</u>	<u>Standard</u>	<u>Criteria</u>	<u>Standard</u>
Ag	µg/L	2.0	DL	25	1/2 DWS
Al	µg/L	80	~2 x BG	400	10 x BG
As	µg/L	1.0	DL	25	1/2 DWS
Ba	µg/L	50	~2 x BG	500	1/2 DWS
Be	µg/L	2.0	DL	20	10 x DL
Carbon tet.	µg/L	1	DL	2.5	1/2 DWS
Ca	µg/L	10,000	BG		
Cd	µg/L	2.0	DL	5	1/2 DWS
Cl	µg/L	10,000	~2 x BG	125,000	1/2 IIDWS
Sp. cond.	µmhos/cm	100	~2 x BG	Trend vs. time	
Cr	µg/L	4.0	DL	25	1/2 DWS
Cu	µg/L	20	~2 x BG	500	1/2 IIDWS
Cn	µg/L	5.0	DL	100	1/2 USDWS
F	µg/L	500	1/8 DWS	2000	1/2 DWS
Fe	µg/L	150	1/2 IIDWS	300	IIDWS
Hg	µg/L	0.4	2 x DL	1	1/2 DWS
K	µg/L	5,000	BG		
Mg	µg/L	5,000	BG		
Mn	µg/L	25	1/2 IIDWS	50	IIDWS
Na	µg/L	5,000	~2 x BG	Trend vs. time	
Ni	µg/L	8.0	2 x DL	175	1/2 IHA
NO <sub>3</sub> (as N)	µg/L	3,000	~2 x BG	10,000	DWS
Pb	µg/L	20	~2 x BG	25	1/2 DWS
pH		<4	BG	<3	
pH		>6.5	BG	>8	
Phenols	µg/L	2.0	DL	Trend vs. time	

## FLAGGING CRITERIA

Parameter	Unit	Flag 1		Flag 2	
		Criteria	Standard	Criteria	Standard
Se	µg/L	2.0	DL	5.0	1/2 DWS
Silica	µg/L	10,000	BG		
SO <sub>4</sub>	µg/L	10,000	~2 x DL	125,000	1/2 IIDWS
TOC	µg/L	5,000	~2 x BG	25,000	10 x BG
TOH	µg/L	10.0	2 x DL	25	5 x DL
Total P	µg/L	300	BG		
Zn	µg/L	250	~2 x BG	2500	1/2 IIDWS
Gross alpha	pCi/L	5	~2 x BG	15	DWS
Nonvol. beta	pCi/L	10	~2 x BG	50	10 x BG
Ra 226/228	pCi/L	2.5	~2 x BG	5	DWS
Sr 89/90	pCi/L	4	DL	8	DWS(A)
Tritium	pCi/L	10,000	1/2 DWS	20,000	DWS
Cobalt 60	pCi/L	10	DLDWS	50	1/2 DWS(A)
Chromium 51	pCi/L	600	DLDWS	3,000	1/2 DWS(A)
Cesium 134	pCi/L	10	DLDWS	40	1/2 DWS(A)
Cesium 137	pCi/L	20	DLDWS	100	1/2 DWS(A)
Iodine 131	pCi/L	1	DLDWS	1.5	1/2 DWS(A)
Ruthenium 103	pCi/L	20	DLDWS	100	1/2 DWS(A)
Antimony 125	pCi/L	30	DLDWS	150	1/2 DWS(A)
Zr/Nb 95	pCi/L	20	DLDWS	100	1/2 DWS(A)
Endrin	µg/L	0.04	DL	0.10	1/2 DWS
Lindane	µg/L	0.018	DL	2.0	1/2 DWS
Methoxychlor	µg/L	0.10	DL	50	1/2 DWS
Silvex	µg/L	0.10	DL	5.0	1/2 DWS
Toxaphene	µg/L	0.64	DL	2.5	1/2 DWS
2,4-D	µg/L	0.38	DL	50	1/2 DWS
Chloroform	µg/L	1.0	DL	50	1/2 DWS
Triclene	µg/L	1.0	DL	2.5	1/2 DWS
Perclene	µg/L	1.0	DL	5.0	5 x DL
1,1,1-TCE	µg/L	1.0	DL	100	1/2 DWS

BG - Approximate Background Concentration at SRS

DL - Analytical Detection Limit

DLDWS - Detection Limit requested by the U.S. Environmental Protection Agency's (EPA) Primary Drinking Water Standard (1976)

DWS - EPA Primary Drinking Water Standard

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

IHA - EPA Interim Health Advisory

IIDWS - EPA Secondary Drinking Water Standard

USDWS - U.S. Public Health Drinking Water Standard

## ANALYTICAL DATA OF DRINKING WATER MONITORING

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

<u>Sample Location</u>	<u>Sample Date</u>	<u>Analysis</u>	<u>Result</u>
A Area	11/15/88	Gross alpha	0.86 $\pm$ 0.68 pCi/L
		Nonvolatile beta	0.74 $\pm$ 0.75 pCi/L
		Tritium	-0.08 $\pm$ 0.18 pCi/mL
Allendale Gate	11/18/88	Gross alpha	0.21 $\pm$ 0.37 pCi/L
		Nonvolatile beta	1.87 $\pm$ 0.86 pCi/L
		Tritium	-0.35 $\pm$ 0.17 pCi/mL
Barnwell Gate	11/15/88	Gross alpha	0.07 $\pm$ 0.27 pCi/L
		Nonvolatile beta	0.45 $\pm$ 0.67 pCi/L
		Tritium	0.05 $\pm$ 0.14 pCi/mL
Central Shops	11/15/88	Gross alpha	0.10 $\pm$ 0.34 pCi/L
		Gross alpha	0.27 $\pm$ 0.45 pCi/L
		Nonvolatile beta	0.89 $\pm$ 0.75 pCi/L
		Tritium	0.36 $\pm$ 0.18 pCi/mL
Classification Yard	11/15/88	Gross alpha	1.04 $\pm$ 0.97 pCi/L
		Nonvolatile beta	1.86 $\pm$ 0.99 pCi/L
		Tritium	-0.04 $\pm$ 0.18 pCi/mL
D Area	11/15/88	Gross alpha	-0.04 $\pm$ 0.33 pCi/L
		Nonvolatile beta	1.39 $\pm$ 0.91 pCi/L
		Tritium	0.49 $\pm$ 0.18 pCi/mL
EOC	11/15/88	Gross alpha	0.83 $\pm$ 0.57 pCi/L
		Nonvolatile beta	0.55 $\pm$ 0.67 pCi/L
		Tritium	-0.03 $\pm$ 0.18 pCi/mL
Firing Range	11/15/88	Gross alpha	1.91 $\pm$ 0.92 pCi/L
		Nonvolatile beta	1.59 $\pm$ 0.86 pCi/L
		Tritium	1.48 $\pm$ 0.19 pCi/mL
Forestry Building	11/15/88	Gross alpha	2.03 $\pm$ 0.84 pCi/L
		Gross alpha	4.52 $\pm$ 1.26 pCi/L
		Nonvolatile beta	1.86 $\pm$ 0.84 pCi/L
		Nonvolatile beta	3.56 $\pm$ 1.01 pCi/L
		Tritium	1.34 $\pm$ 0.19 pCi/mL

# DRINKING WATER DATA

<u>Sample Location</u>	<u>Sample Date</u>	<u>Analysis</u>	<u>Result</u>
Jackson Gate	11/15/88	Gross alpha	0.83 $\pm$ 0.63 pCi/L
		Nonvolatile beta	1.21 $\pm$ 0.80 pCi/L
		Tritium	-0.14 $\pm$ 0.11 pCi/mL
Par Pond Laboratory	11/15/88	Gross alpha	-0.03 $\pm$ 0.30 pCi/L
		Nonvolatile beta	1.67 $\pm$ 0.94 pCi/L
		Tritium	-0.53 $\pm$ 0.17 pCi/mL
Talatha Gate	11/15/88	Gross alpha	3.93 $\pm$ 1.34 pCi/L
		Nonvolatile beta	2.34 $\pm$ 0.97 pCi/L
		Tritium	0.66 $\pm$ 0.12 pCi/mL
TC-1 (704B)	11/15/88	Gross alpha	0.72 $\pm$ 0.53 pCi/L
		Nonvolatile beta	1.11 $\pm$ 0.75 pCi/L
		Tritium	0.07 $\pm$ 0.18 pCi/mL
TNX	11/15/88	Gross alpha	0.07 $\pm$ 0.36 pCi/L
		Nonvolatile beta	3.56 $\pm$ 1.18 pCi/L
		Tritium	-0.15 $\pm$ 0.14 pCi/mL
Williston Gate	11/15/88	Gross alpha	0.40 $\pm$ 0.50 pCi/L
		Nonvolatile beta	0.24 $\pm$ 0.67 pCi/L
		Tritium	0.15 $\pm$ 0.15 pCi/mL
Z Area	11/15/88	Gross alpha	0.49 $\pm$ 0.52 pCi/L
		Nonvolatile beta	1.72 $\pm$ 0.86 pCi/L
		Tritium	0.13 $\pm$ 0.15 pCi/mL
105C Building	10/18/88	Gross alpha	2.46 $\pm$ 0.92 pCi/L
		Nonvolatile beta	2.47 $\pm$ 1.34 pCi/L
		Tritium	0.14 $\pm$ 0.17 pCi/mL
	11/15/88	Gross alpha	2.63 $\pm$ 0.99 pCi/L
		Nonvolatile beta	1.55 $\pm$ 0.81 pCi/L
		Tritium	0.35 $\pm$ 0.18 pCi/mL
	12/13/88	Gross alpha	1.09 $\pm$ 0.69 pCi/L
		Nonvolatile beta	1.17 $\pm$ 0.78 pCi/L
		Tritium	-0.13 $\pm$ 0.17 pCi/mL
105K Building	10/18/88	Gross alpha	0.68 $\pm$ 0.48 pCi/L
		Nonvolatile beta	3.25 $\pm$ 1.41 pCi/L
		Tritium	1.55 $\pm$ 0.18 pCi/mL
		Tritium	1.30 $\pm$ 0.19 pCi/mL
	11/15/88	Gross alpha	0.20 $\pm$ 0.36 pCi/L
		Nonvolatile beta	2.37 $\pm$ 0.92 pCi/L
		Tritium	1.33 $\pm$ 0.15 pCi/mL
	12/13/88	Gross alpha	0.20 $\pm$ 0.40 pCi/L
		Nonvolatile beta	1.67 $\pm$ 0.87 pCi/L
		Tritium	0.03 $\pm$ 0.17 pCi/mL



# DRINKING WATER DATA

<u>Sample Location</u>	<u>Sample Date</u>	<u>Analysis</u>	<u>Result</u>
105L Building	10/18/88	Gross alpha	0.17 $\pm$ 0.24 pCi/L
		Nonvolatile beta	2.15 $\pm$ 1.31 pCi/L
		Tritium	0.20 $\pm$ 0.17 pCi/mL
	11/15/88	Gross alpha	0.20 $\pm$ 0.36 pCi/L
		Nonvolatile beta	1.85 $\pm$ 0.86 pCi/L
		Tritium	-0.19 $\pm$ 0.11 pCi/mL
	12/13/88	Gross alpha	0.29 $\pm$ 0.41 pCi/L
		Nonvolatile beta	0.99 $\pm$ 0.75 pCi/L
		Tritium	-0.11 $\pm$ 0.17 pCi/mL
105P Building	10/18/88	Gross alpha	0.93 $\pm$ 0.56 pCi/L
		Nonvolatile beta	1.95 $\pm$ 1.28 pCi/L
		Tritium	0.25 $\pm$ 0.17 pCi/mL
	11/15/88	Gross alpha	0.54 $\pm$ 0.54 pCi/L
		Nonvolatile beta	0.82 $\pm$ 0.75 pCi/L
		Tritium	0.21 $\pm$ 0.18 pCi/mL
	12/13/88	Gross alpha	0.59 $\pm$ 0.54 pCi/L
		Nonvolatile beta	1.97 $\pm$ 0.89 pCi/L
		Tritium	0.52 $\pm$ 0.18 pCi/mL
221F Building	10/18/88	Gross alpha	3.82 $\pm$ 1.14 pCi/L
		Nonvolatile beta	8.26 $\pm$ 1.82 pCi/L
		Tritium	0.13 $\pm$ 0.14 pCi/mL
	11/15/88	Gross alpha	0.81 $\pm$ 0.70 pCi/L
		Nonvolatile beta	3.49 $\pm$ 1.16 pCi/L
		Tritium	-0.07 $\pm$ 0.11 pCi/mL
	12/13/88	Gross alpha	4.63 $\pm$ 1.47 pCi/L
		Nonvolatile beta	4.06 $\pm$ 1.16 pCi/L
		Tritium	-0.37 $\pm$ 0.14 pCi/mL
221H Building	10/18/88	Gross alpha	5.69 $\pm$ 1.39 pCi/L
		Nonvolatile beta	9.88 $\pm$ 1.93 pCi/L
		Tritium	0.10 $\pm$ 0.17 pCi/mL
	11/15/88	Gross alpha	2.97 $\pm$ 1.11 pCi/L
		Nonvolatile beta	7.20 $\pm$ 1.41 pCi/L
		Tritium	-0.12 $\pm$ 0.11 pCi/mL
	12/13/88	Gross alpha	3.90 $\pm$ 1.36 pCi/L
		Nonvolatile beta	4.41 $\pm$ 1.20 pCi/L
		Tritium	-0.29 $\pm$ 0.17 pCi/mL
241-24H	12/13/88	Gross alpha	6.51 $\pm$ 1.74 pCi/L
		Nonvolatile beta	3.32 $\pm$ 1.08 pCi/L
		Tritium	-0.07 $\pm$ 0.17 pCi/mL
617G Wackenhut TF	11/15/88	Gross alpha	0.84 $\pm$ 1.84 pCi/L
		Nonvolatile beta	1.67 $\pm$ 1.07 pCi/L
		Tritium	1.20 $\pm$ 0.13 pCi/mL

# DRINKING WATER DATA

<u>Sample Location</u>	<u>Sample Date</u>	<u>Analysis</u>	<u>Result</u>
681-1G Pump House	11/15/88	Gross alpha Nonvolatile beta Tritium	0.42 $\pm$ 0.49 pCi/L 3.80 $\pm$ 1.17 pCi/L 0.22 $\pm$ 0.18 pCi/mL
681-3G Pump House	11/15/88	Gross alpha Nonvolatile beta Tritium	0.24 $\pm$ 0.40 pCi/L 2.52 $\pm$ 1.00 pCi/L -0.15 $\pm$ 0.18 pCi/mL
701-1F Building	10/18/88	Gross alpha Nonvolatile beta Tritium	4.17 $\pm$ 1.21 pCi/L 8.71 $\pm$ 1.82 pCi/L 0.11 $\pm$ 0.17 pCi/mL
701-1H Building	10/18/88	Gross alpha Nonvolatile beta Tritium	4.00 $\pm$ 1.19 pCi/L 6.50 $\pm$ 1.65 pCi/L 0.20 $\pm$ 0.17 pCi/mL
701-12G Barricade 7	11/15/88	Gross alpha Nonvolatile beta Tritium	0.21 $\pm$ 0.37 pCi/L 1.87 $\pm$ 0.86 pCi/L 2.12 $\pm$ 0.18 pCi/mL
701-13G Barricade 6	11/15/88	Gross alpha Nonvolatile beta Tritium	1.16 $\pm$ 0.72 pCi/L 0.34 $\pm$ 0.65 pCi/L 2.15 $\pm$ 0.18 pCi/mL
701-8G Barricade 8	11/15/88	Gross alpha Nonvolatile beta Tritium	0.49 $\pm$ 0.45 pCi/L 0.32 $\pm$ 0.63 pCi/L 3.13 $\pm$ 0.20 pCi/mL
704F	11/15/88	Gross alpha Nonvolatile beta Tritium	1.34 $\pm$ 0.82 pCi/L 4.88 $\pm$ 1.22 pCi/L -0.19 $\pm$ 0.11 pCi/L
704H	11/15/88	Gross alpha Nonvolatile beta Tritium	3.11 $\pm$ 1.13 pCi/L 6.97 $\pm$ 1.39 pCi/L -0.19 $\pm$ 0.09 pCi/mL
704S DWPF	11/15/88	Gross alpha Nonvolatile beta Tritium	0.27 $\pm$ 0.48 pCi/L 1.61 $\pm$ 0.87 pCi/L 0.01 $\pm$ 0.14 pCi/mL
772F Building	12/13/88	Gross alpha Nonvolatile beta Tritium	5.79 $\pm$ 1.65 pCi/L 5.44 $\pm$ 1.31 pCi/L -0.08 $\pm$ 0.17 pCi/mL

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## FIELD AND ANALYTICAL DATA OF GROUNDWATER MONITORING

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This section presents the field and analytical results for samples collected during fourth quarter 1988. The tables are presented in alphabetical order by series and in numerical order within each series. Refer to the location indices following this section to determine the series names. The tabular data contain all of the analytical results for samples collected during this quarter except for those analyses described in the Sample Analysis section. Some samples are analyzed for field parameters only and have no laboratory analyses.

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

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

The following codes appear in the tabular data:

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

## WELL ABP 1A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/01/88 TIME 1155  
 DEPTH TO WATER = 138.92 FT ( 42.34 M) BELOW THE TOC  
 WATER ELEVATION = 220.98 FT ( 67.36 M) MSL  
 PH = 4.8 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 24 UMHOS/CM  
 WATER TEMPERATURE = 19.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 126 GAL

## LABORATORY ANALYSES

0	CHLOROFORM	LT	1	UG/L	M-AREA,SRS
0	TETRACHLOROETHYLENE	LT	1.00	UG/L	M-AREA,SRS
1	TRICHLOROETHYLENE		1.30	UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	1	UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	UG/L	M-AREA,SRS

## WELL ABP 2A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/01/88 TIME 1225  
 DEPTH TO WATER = 131.92 FT ( 40.51 M) BELOW THE TOC  
 WATER ELEVATION = 219.96 FT ( 67.04 M) MSL  
 PH = 4.6 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 15 UMHOS/CM  
 WATER TEMPERATURE = 19.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 102 GAL

## WELL ABP 3

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/01/88 TIME 1305  
 DEPTH TO WATER = 131.92 FT ( 40.51 M) BELOW THE TOC  
 WATER ELEVATION = 221.76 FT ( 67.54 M) MSL  
 PH = 4.7 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 15 UMHOS/CM  
 WATER TEMPERATURE = 20.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 39 GAL

## WELL ABP 4

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/26/88 TIME 1345  
 DEPTH TO WATER = 144.69 FT ( 44.10 M) BELOW THE TOC  
 WATER ELEVATION = 219.61 FT ( 66.94 M) MSL  
 PH = 4.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 21 UMHOS/CM  
 WATER TEMPERATURE = 19.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 96 GAL

## LABORATORY ANALYSES

0	CHLOROFORM	LT	1	UG/L	M-AREA,SRS
1	TETRACHLOROETHYLENE		2.09	UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		4.92	UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	1	UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	UG/L	M-AREA,SRS

## WELL ABP 4

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/26/88 TIME 1345  
 DEPTH TO WATER = 144.69 FT ( 44.10 M) BELOW THE TOC  
 WATER ELEVATION = 219.61 FT ( 66.94 M) MSL  
 PH = 4.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 21 UMHOS/CM  
 WATER TEMPERATURE = 19.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 96 GAL

## LABORATORY ANALYSES

0	CHLOROFORM	LT	1	UG/L	M-AREA,SRS
1	TETRACHLOROETHYLENE		1.76	UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		4.15	UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	1	UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	UG/L	M-AREA,SRS

## WELL ABM 1

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/02/88 TIME 1320  
 DEPTH TO WATER = 100.74 FT ( 30.71 M) BELOW THE TOC  
 WATER ELEVATION = 224.06 FT ( 68.29 M) MSL  
 PH = 4.5 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 24 UMHOS/CM  
 WATER TEMPERATURE = 18.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 102 GAL

## LABORATORY ANALYSES

0	CHLOROFORM	LT	1	UG/L	M-AREA,SRS
1	TETRACHLOROETHYLENE		4.64	UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		4.91	UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	1	UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	UG/L	M-AREA,SRS

## WELL AC 1A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/01/88 TIME 1445  
 DEPTH TO WATER = 48.46 FT ( 14.77 M) BELOW THE TOC  
 WATER ELEVATION = 213.64 FT ( 65.12 M) MSL  
 PH = 5.3 ALKALINITY = 4 MG/L  
 SPECIFIC CONDUCTANCE = 25 UMHOS/CM  
 WATER TEMPERATURE = 18.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 189 GAL

## WELL AC 1B

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/01/88 TIME 1430  
 DEPTH TO WATER = 48.26 FT ( 14.71 M) BELOW THE TOC  
 WATER ELEVATION = 213.74 FT ( 65.15 M) MSL  
 PH = 5.4 ALKALINITY = 4 MG/L  
 SPECIFIC CONDUCTANCE = 30 UMHOS/CM  
 WATER TEMPERATURE = 18.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 41 GAL

## WELL AC 2A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/01/88 TIME 1535  
 DEPTH TO WATER = 122.66 FT ( 37.39 M) BELOW THE TOC  
 WATER ELEVATION = 222.04 FT ( 67.68 M) MSL  
 PH = 5.7 ALKALINITY = 21 MG/L  
 SPECIFIC CONDUCTANCE = 33 UMHOS/CM  
 WATER TEMPERATURE = 18.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 212 GAL

## LABORATORY ANALYSES

0	CHLOROFORM	LT	1	UG/L	M-AREA,SRS
0	TETRACHLOROETHYLENE	LT	1.00	UG/L	M-AREA,SRS
0	TRICHLOROETHYLENE	LT	1.00	UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	1	UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	UG/L	M-AREA,SRS

## WELL AC 2B

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/01/88 TIME 1525  
 DEPTH TO WATER = 115.16 FT ( 35.10 M) BELOW THE TOC  
 WATER ELEVATION = 229.64 FT ( 70.00 M) MSL  
 PH = 5.4 ALKALINITY = 5 MG/L  
 SPECIFIC CONDUCTANCE = 21 UMHOS/CM  
 WATER TEMPERATURE = 19.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 29 GAL

## WELL AC 3A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/01/88 TIME 1410  
 DEPTH TO WATER = 91.83 FT ( 27.99 M) BELOW THE TOC  
 WATER ELEVATION = 210.47 FT ( 64.15 M) MSL  
 PH = 6.1 ALKALINITY = 19 MG/L  
 SPECIFIC CONDUCTANCE = 53 UMHOS/CM  
 WATER TEMPERATURE = 19.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 159 GAL

## WELL AC 3B

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/01/88 TIME 1405  
 DEPTH TO WATER = 89.87 FT ( 27.39 M) BELOW THE TOC  
 WATER ELEVATION = 212.63 FT ( 64.81 M) MSL  
 PH = 9.6 ALKALINITY = 42 MG/L  
 SPECIFIC CONDUCTANCE = 97 UMHOS/CM  
 WATER TEMPERATURE = 19.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 308 GAL

## WELL ACB 1A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/17/88 TIME 1540  
 DEPTH TO WATER = 121.38 FT ( 37.00 M) BELOW THE TOC  
 WATER ELEVATION = 238.22 FT ( 72.61 M) MSL  
 PH = 5.7 ALKALINITY = 20 MG/L  
 SPECIFIC CONDUCTANCE = 95 UMHOS/CM  
 WATER TEMPERATURE = 18.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 54 GAL

## WELL ACB 2A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/17/88 TIME 1605  
 DEPTH TO WATER = 110.76 FT ( 33.76 M) BELOW THE TOC  
 WATER ELEVATION = 239.04 FT ( 72.84 M) MSL  
 PH = 5.2 ALKALINITY = 5 MG/L  
 SPECIFIC CONDUCTANCE = 51 UMHOS/CM  
 WATER TEMPERATURE = 18.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 82 GAL

## WELL ACB 3A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/17/88 TIME 1630  
 DEPTH TO WATER = 109.39 FT ( 33.34 M) BELOW THE TOC  
 WATER ELEVATION = 238.91 FT ( 72.82 M) MSL  
 PH = 5.2 ALKALINITY = 3 MG/L  
 SPECIFIC CONDUCTANCE = 188 UMHOS/CM  
 WATER TEMPERATURE = 18.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 85 GAL

## WELL ACB 4A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/17/88 TIME 1650  
 DEPTH TO WATER = 119.47 FT ( 36.41 M) BELOW THE TOC  
 WATER ELEVATION = 239.63 FT ( 73.04 M) MSL  
 PH = 5.1 ALKALINITY = 3 MG/L  
 SPECIFIC CONDUCTANCE = 231 UMHOS/CM  
 WATER TEMPERATURE = 18.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 73 GAL

## WELL AMB 4

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/04/88 TIME 935  
 DEPTH TO WATER = 145.53 FT ( 44.36 M) BELOW THE TOC  
 WATER ELEVATION = 234.82 FT ( 71.57 M) MSL  
 PH = 6.7 ALKALINITY = 63 MG/L  
 SPECIFIC CONDUCTANCE = 142 UMHOS/CM  
 WATER TEMPERATURE = 17.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 1 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	140.0 UMHC	ENV. ENG.
0	PH	6.49 PH	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
0	BARIUM	24 UG/L	ENV. ENG.
0	CALCIUM	6510 UG/L	ENV. ENG.
0	CARBON TETRACHLORIDE	LT 1.00 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHLOROFORM	LT 1 UG/L	ENV. ENG.
0	CHLOROFORM	LT 10 UG/L	M-AREA,SRS
0	CHLORIDE	3000 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	ENDRIN	LT 0.10 UG/L	ENV. ENG.
0	FLUORIDE	LT 100 UG/L	ENV. ENG.
1	IRON	187 UG/L	ENV. ENG.
0	MERCURY	LT 0.20 UG/L	ENV. ENG.
0	POTASSIUM	1800 UG/L	ENV. ENG.
0	LINDANE	LT 0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT 0.50 UG/L	ENV. ENG.
0	MAGNESIUM	742 UG/L	ENV. ENG.
1	MANGANESE	29 UG/L	ENV. ENG.
1	SODIUM	35900 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	340 UG/L	ENV. ENG.
0	LEAD	9 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
1	SILICA	9580 UG/L	ENV. ENG.
1	SILICA	9660 UG/L	ENV. ENG.
0	SILVEX	LT 0.09 UG/L	ENV. ENG.
0	SULFATE	LT 5000 UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	LT 1.00 UG/L	ENV. ENG.
1	TETRACHLOROETHYLENE	4.18 UG/L	M-AREA,SRS
0	TOTAL DISSOLVED SOLIDS	100000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1100 UG/L	ENV. ENG.
2	TOTAL ORGANIC HALOGENS	57 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	20 UG/L	ENV. ENG.
2	TRICHLOROETHYLENE	43.0 UG/L	ENV. ENG.
2	TRICHLOROETHYLENE	58.0 UG/L	M-AREA,SRS
0	TOKAPHENE	LT 1 UG/L	ENV. ENG.
0	TRANS-1,2-DICHLOROETHENE	LT 10 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT 10 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT 1 UG/L	ENV. ENG.
0	1,1,1-TRICHLOROETHANE	LT 10 UG/L	M-AREA,SRS
0	2,4-DICHLOROPHENOXACETIC ACID	LT 0.30 UG/L	ENV. ENG.
0	GROSS ALPHA	0.00+0.27 PCI/L	HP, 735A
0	GROSS ALPHA	3.20+1.28 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	1.05+0.83 PCI/L	HP, 735A
0	NONVOLATILE BETA	3.08+0.95 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT 1 PCI/L	RAD. MEAS.
0	TRITIUM	0.39+0.38 PCI/ML	HP, 735A
0	TRITIUM	LT 0.70 PCI/ML	RAD. MEAS.

## WELL AMB 5

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/03/88 TIME 1625  
 DEPTH TO WATER = 144.83 FT ( 44.14 M) BELOW THE TOC  
 WATER ELEVATION = 234.78 FT ( 71.56 M) MSL  
 PH = 5.8 ALKALINITY = 19 MG/L  
 SPECIFIC CONDUCTANCE = 64 UMHOS/CM  
 WATER TEMPERATURE = 18.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 96 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	66.10 UMHC	ENV. ENG.
0	PH	5.62 PH	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
0	BARIUM	LT 4 UG/L	ENV. ENG.
0	CALCIUM	661 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHLOROFORM	LT 10 UG/L	M-AREA,SRS
0	CHLORIDE	3400 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	ENDRIN	LT 0.10 UG/L	ENV. ENG.
0	FLUORIDE	LT 100 UG/L	ENV. ENG.
0	FLUORIDE	LT 100 UG/L	ENV. ENG.
0	IRON	LT 20 UG/L	ENV. ENG.
0	MERCURY	LT 0.20 UG/L	ENV. ENG.
0	POTASSIUM	549 UG/L	ENV. ENG.
0	LINDANE	LT 0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT 0.50 UG/L	ENV. ENG.
0	MAGNESIUM	74 UG/L	ENV. ENG.
0	MANGANESE	6 UG/L	ENV. ENG.
1	SODIUM	12100 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	340 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
1	SILICA	6990 UG/L	ENV. ENG.
0	SILVEX	LT 0.09 UG/L	ENV. ENG.

CONTINUED

WELL AHB 5 COLLECTED ON 12/03/88 LABORATORY ANALYSES CONTINUED

0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		99000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
1	TOTAL ORGANIC HALOGENS		17 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		60 UG/L	ENV. ENG.
2	TRICHLOROETHYLENE		31.6 UG/L	M-AREA,SRS
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	TRANS-1,2-DICHLOROETHENE	LT	10 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	10 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	10 UG/L	M-AREA,SRS
1	2,4-DICHLOROPHENOXYACETIC ACID		2 UG/L	ENV. ENG.
0	GROSS ALPHA		2.62+-0.95 PCI/L	HP, 735A
0	GROSS ALPHA		2.29+-1.11 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		3.05+-1.05 PCI/L	HP, 735A
0	NONVOLATILE BETA		2.46+-0.89 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT	1 PCI/L	RAD. MEAS.
0	TRITIUM		0.14+-0.37 PCI/ML	HP, 735A
0	TRITIUM	LT	0.70 PCI/ML	RAD. MEAS.

WELL AHB 5

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/04/88 TIME 1015  
DEPTH TO WATER = 145.03 FT ( 44.21 M) BELOW THE TOC  
WATER ELEVATION = 234.58 FT ( 71.50 M) MSL  
PH = 5.8 ALKALINITY = 16 MG/L  
SPECIFIC CONDUCTANCE = 44 UMHOS/CM  
WATER TEMPERATURE = 10.7 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 34 GAL

LABORATORY ANALYSES

0	CARBON TETRACHLORIDE	LT	1.00 UG/L	ENV. ENG.
0	CHLOROFORM	LT	1 UG/L	ENV. ENG.
1	TETRACHLOROETHYLENE		1.00 UG/L	ENV. ENG.
2	TRICHLOROETHYLENE		39.0 UG/L	ENV. ENG.
1	1,1,1-TRICHLOROETHANE		1 UG/L	ENV. ENG.

WELL AHB 6

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/04/88 TIME 1030  
DEPTH TO WATER = 142.25 FT ( 43.36 M) BELOW THE TOC  
WATER ELEVATION = 234.91 FT ( 71.60 M) MSL  
PH = 8.5 ALKALINITY = 105 MG/L  
SPECIFIC CONDUCTANCE = 510 UMHOS/CM  
WATER TEMPERATURE = 17.9 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 2 GAL  
THE WELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		362.0 UMHOS	ENV. ENG.
1	PH		7.62 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		6 UG/L	ENV. ENG.
0	CALCIUM		1250 UG/L	ENV. ENG.
0	CARBON TETRACHLORIDE	LT	1.00 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLOROFORM	LT	1 UG/L	ENV. ENG.
0	CHLOROFORM	LT	10 UG/L	M-AREA,SRS
0	CHLORIDE		6500 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	ENDRIN	LT	0.10 UG/L	ENV. ENG.
0	FLUORIDE		230 UG/L	ENV. ENG.
2	IRON		957 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	POTASSIUM		1230 UG/L	ENV. ENG.
0	LINDANE	LT	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0	MAGNESIUM		169 UG/L	ENV. ENG.
0	MANGANESE		5 UG/L	ENV. ENG.
1	SODIUM		26400 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		120 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
1	PHENOL		92 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		13700 UG/L	ENV. ENG.
0	SILVEX	LT	0.09 UG/L	ENV. ENG.
1	SULFATE		28000 UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	LT	1.00 UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	LT	10.0 UG/L	M-AREA,SRS
0	TOTAL DISSOLVED SOLIDS		1718000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON		3000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS		8 UG/L	ENV. ENG.
1	TOTAL PHOSPHATES		310 UG/L	ENV. ENG.
2	TRICHLOROETHYLENE		4.00 UG/L	ENV. ENG.
2	TRICHLOROETHYLENE		6.84 UG/L	M-AREA,SRS
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	TRANS-1,2-DICHLOROETHENE	LT	10 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	10 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L	ENV. ENG.
0	1,1,1-TRICHLOROETHANE	LT	10 UG/L	M-AREA,SRS
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L	ENV. ENG.
1	GROSS ALPHA		6.96+-1.57 PCI/L	HP, 735A
1	GROSS ALPHA		13.90+-4.40 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		7.28+-1.48 PCI/L	HP, 735A
1	NONVOLATILE BETA		15.80+-2.00 PCI/L	RAD. MEAS.
1	TOTAL RADIUM		3.34+-0.75 PCI/L	RAD. MEAS.
0	TRITIUM		2.60+-2.80 PCI/ML	HP, 735A
0	TRITIUM	LT	0.70 PCI/ML	RAD. MEAS.

WELL AHB 7

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/04/88 TIME 900  
DEPTH TO WATER = 134.73 FT ( 41.07 M) BELOW THE TOC  
WATER ELEVATION = 235.14 FT ( 71.67 M) MSL  
PH = 7.4 ALKALINITY = 119 MG/L  
SPECIFIC CONDUCTANCE = 232 UMHOS/CM  
WATER TEMPERATURE = 16.5 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 2 GAL  
THE WELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		233.0 UMHOS	ENV. ENG.
1	PH		6.88 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		12 UG/L	ENV. ENG.
0	CALCIUM		5110 UG/L	ENV. ENG.
0	CARBON TETRACHLORIDE	LT	1.00 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLOROFORM	LT	1 UG/L	ENV. ENG.
0	CHLOROFORM	LT	3 UG/L	M-AREA,SRS
0	CHLORIDE		3200 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	ENDRIN	LT	0.10 UG/L	ENV. ENG.
0	FLUORIDE		120 UG/L	ENV. ENG.
0	FLUORIDE		170 UG/L	ENV. ENG.
0	IRON		84 UG/L	ENV. ENG.
0	MERCURY		0.27 UG/L	ENV. ENG.
1	POTASSIUM		8980 UG/L	ENV. ENG.
0	LINDANE	LT	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0	MAGNESIUM		644 UG/L	ENV. ENG.
1	MANGANESE		34 UG/L	ENV. ENG.
1	SODIUM		84300 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	LT	50 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
1	PHENOL		96 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		10100 UG/L	ENV. ENG.
0	SILVEX	LT	0.09 UG/L	ENV. ENG.
1	SULFATE		11800 UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	LT	1.00 UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	LT	2.50 UG/L	M-AREA,SRS
0	TOTAL DISSOLVED SOLIDS		162000 UG/L	ENV. ENG.
1	TOTAL ORGANIC CARBON		6800 UG/L	ENV. ENG.
2	TOTAL ORGANIC HALOGENS		25 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		260 UG/L	ENV. ENG.
1	TRICHLOROETHYLENE		1.00 UG/L	ENV. ENG.
0	TRICHLOROETHYLENE	LT	2.50 UG/L	M-AREA,SRS
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	TRANS-1,2-DICHLOROETHENE	LT	3 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	3 UG/L	M-AREA,SRS
1	1,1,1-TRICHLOROETHANE		25 UG/L	ENV. ENG.
1	1,1,1-TRICHLOROETHANE		18 UG/L	M-AREA,SRS
0	2,4-DICHLOROPHENOXYACETIC ACID		0.32 UG/L	ENV. ENG.
0	GROSS ALPHA		3.63+-1.43 PCI/L	HP, 735A
0	GROSS ALPHA		4.83+-2.52 PCI/L	RAD. MEAS.
1	NONVOLATILE BETA		10.80+-1.95 PCI/L	HP, 735A
0	NONVOLATILE BETA		7.37+-1.54 PCI/L	RAD. MEAS.
0	TOTAL RADIUM		0.58+-0.43 PCI/L	RAD. MEAS.
0	TRITIUM		1.78+-0.41 PCI/ML	HP, 735A
0	TRITIUM	LT	0.70 PCI/ML	RAD. MEAS.

WELL AOB 1

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/20/88 TIME 1245  
DEPTH TO WATER = 104.22 FT ( 31.77 M) BELOW THE TOC  
WATER ELEVATION = 236.88 FT ( 72.20 M) MSL  
PH = 5.1 ALKALINITY = 0 MG/L  
SPECIFIC CONDUCTANCE = 40 UMHOS/CM  
WATER TEMPERATURE = 19.2 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 48 GAL

LABORATORY ANALYSES

0	ALPHA-BENZENEHEXACHLORIDE	LT	20 UG/L	ENM. LAB.
0	ALPHA-ENDOSULFAN	LT	50 UG/L	ENM. LAB.
0	ALDRIN	LT	20 UG/L	ENM. LAB.
0	ACENAPHTHENE	LT	10 UG/L	ENM. LAB.
0	ACENAPHTHENE	LT	10 UG/L	M. A.
0	ACENAPHTHENE	LT	10 UG/L	ENV. ENG.
0	ACENAPHTHYLENE	LT	10 UG/L	ENM. LAB.
0	ACENAPHTHYLENE	LT	10 UG/L	M. A.
0	ANTHRACENE	LT	10 UG/L	ENV. ENG.
0	ANTHRACENE	LT	10 UG/L	ENM. LAB.
0	ANTHRACENE	LT	10 UG/L	M. A.
0	BENZOA(1)ANTHRACENE	LT	10 UG/L	ENV. ENG.
0	BENZOA(1)ANTHRACENE	LT	10 UG/L	ENM. LAB.
0	BENZOA(1)ANTHRACENE	LT	10 UG/L	M. A.
0	BENZOA(1)PYRENE	LT	10 UG/L	ENV. ENG.
0	BENZOA(1)PYRENE	LT	10 UG/L	ENM. LAB.
0	BENZOA(1)PYRENE	LT	10 UG/L	M. A.
0	BETA-BENZENEHEXACHLORIDE	LT	20 UG/L	ENV. ENG.
0	BUTYLBENZYL PHTHALATE	LT	10 UG/L	ENM. LAB.
0	BUTYLBENZYL PHTHALATE	LT	10 UG/L	M. A.
0	BUTYLBENZYL PHTHALATE	LT	10 UG/L	ENV. ENG.
0	BETA-ENDOSULFAN	LT	50 UG/L	ENM. LAB.
0	BENZIDINE	LT	50 UG/L	ENM. LAB.
0	BENZIDINE	LT	40 UG/L	ENV. ENG.
0	BENZOIC ACID	LT	50 UG/L	M. A.
0	BENZO BIFLUOROANTHENE	LT	10 UG/L	M. A.

CONTINUED

HELL AOB 1 COLLECTED ON 11/20/88 LABORATORY ANALYSES CONTINUED

0	BENZO(G,H,I)PERYLENE	LT	10	UG/L	ENV. LAB.
0	BENZO(G,H,I)PERYLENE	LT	10	UG/L	M. A.
0	BENZO(G,H,I)PERYLENE	LT	20	UG/L	ENV. ENG.
0	BENZO(K)FLUORANTHENE	LT	10	UG/L	ENV. LAB.
0	BENZO(K)FLUORANTHENE	LT	10	UG/L	M. A.
0	BENZO(K)FLUORANTHENE	LT	20	UG/L	ENV. ENG.
0	BENZYL ALCOHOL	LT	10	UG/L	M. A.
0	BENZ-FLUORANTHENE	LT	10	UG/L	ENV. LAB.
0	BIS(2-CHLOROETHYL) ETHER	LT	10	UG/L	M. A.
0	BIS(2-CHLOROETHOXY) METHANE	LT	10	UG/L	ENV. LAB.
0	BIS(2-CHLOROETHOXY) METHANE	LT	10	UG/L	M. A.
0	BIS(2-CHLOROETHOXY) METHANE	LT	20	UG/L	ENV. ENG.
0	BIS(2-CHLOROISOPROPYL) ETHER	LT	10	UG/L	ENV. LAB.
0	BIS(2-CHLOROISOPROPYL) ETHER	LT	10	UG/L	M. A.
0	BIS(2-CHLOROISOPROPYL) ETHER	LT	20	UG/L	ENV. ENG.
0	BIS(2-CHLOROETHYL) ETHER	LT	10	UG/L	ENV. LAB.
0	BIS(2-CHLOROETHYL) ETHER	LT	10	UG/L	ENV. ENG.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10	UG/L	ENV. LAB.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10	UG/L	M. A.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10	UG/L	ENV. ENG.
0	CHLOROFORM	LT	1	UG/L	M-AREA,SRS
0	CHRYSENE	LT	10	UG/L	ENV. LAB.
0	CHRYSENE	LT	10	UG/L	M. A.
0	CHRYSENE	LT	20	UG/L	ENV. ENG.
0	CHLORDANE	LT	20	UG/L	ENV. LAB.
0	HEXACHLOROBENZENE	LT	10	UG/L	ENV. LAB.
0	HEXACHLOROBENZENE	LT	10	UG/L	M. A.
0	HEXACHLOROBENZENE	LT	10	UG/L	ENV. ENG.
0	HEXACHLOROCYCLOPENTADIENE	LT	10	UG/L	ENV. LAB.
0	HEXACHLOROCYCLOPENTADIENE	LT	10	UG/L	M. A.
0	HEXACHLOROCYCLOPENTADIENE	LT	10	UG/L	ENV. ENG.
0	HEXACHLOROETHANE	LT	10	UG/L	ENV. LAB.
0	HEXACHLOROETHANE	LT	10	UG/L	M. A.
0	HEXACHLOROETHANE	LT	10	UG/L	ENV. ENG.
0	DIBENZI(A,H)ANTHRACENE	LT	10	UG/L	ENV. LAB.
0	DIBENZI(A,H)ANTHRACENE	LT	10	UG/L	M. A.
0	DIBENZI(A,H)ANTHRACENE	LT	20	UG/L	ENV. ENG.
0	DELTA-BENZENEHEXACHLORIDE	LT	20	UG/L	ENV. LAB.
0	DIETHYL PHTHALATE	LT	10	UG/L	ENV. LAB.
0	DIETHYL PHTHALATE	LT	10	UG/L	M. A.
0	DIETHYL PHTHALATE	LT	10	UG/L	ENV. ENG.
0	DIBENZOFURAN	LT	10	UG/L	M. A.
0	DIELDRIN	LT	20	UG/L	ENV. LAB.
0	DIMETHYL PHTHALATE	LT	10	UG/L	ENV. LAB.
0	DIMETHYL PHTHALATE	LT	10	UG/L	M. A.
0	DIMETHYL PHTHALATE	LT	10	UG/L	ENV. ENG.
0	DI-N-BUTYL PHTHALATE	LT	10	UG/L	ENV. LAB.
0	DI-N-BUTYL PHTHALATE	LT	10	UG/L	M. A.
0	DI-N-BUTYL PHTHALATE	LT	10	UG/L	ENV. ENG.
0	DI-N-OCTYL PHTHALATE	LT	10	UG/L	ENV. LAB.
0	DI-N-OCTYL PHTHALATE	LT	10	UG/L	M. A.
0	DI-N-OCTYL PHTHALATE	LT	10	UG/L	ENV. ENG.
0	ENDRIN ALDEHYDE	LT	20	UG/L	ENV. LAB.
0	ENDRIN	LT	20.0	UG/L	ENV. LAB.
0	ENDOSULFAN SULFATE	LT	50	UG/L	ENV. LAB.
0	FLUORANTHENE	LT	10	UG/L	ENV. LAB.
0	FLUORANTHENE	LT	10	UG/L	M. A.
0	FLUORANTHENE	LT	10	UG/L	ENV. ENG.
0	FLUORENE	LT	10	UG/L	ENV. LAB.
0	FLUORENE	LT	10	UG/L	M. A.
0	FLUORENE	LT	10	UG/L	ENV. ENG.
0	HEXACHLOROBUTADIENE	LT	10	UG/L	ENV. LAB.
0	HEXACHLOROBUTADIENE	LT	10	UG/L	M. A.
0	HEXACHLOROBUTADIENE	LT	10	UG/L	ENV. ENG.
0	HEPTACHLOR	LT	20	UG/L	ENV. LAB.
0	HEPTACHLOR EPOXIDE	LT	20	UG/L	ENV. LAB.
0	INDENO(1,2,3-C,D)PYRENE	LT	10	UG/L	ENV. LAB.
0	INDENO(1,2,3-C,D)PYRENE	LT	10	UG/L	M. A.
0	INDENO(1,2,3-C,D)PYRENE	LT	20	UG/L	ENV. ENG.
0	ISOPHORONE	LT	10	UG/L	ENV. LAB.
0	ISOPHORONE	LT	10	UG/L	M. A.
0	ISOPHORONE	LT	10	UG/L	ENV. ENG.
0	LINDANE	LT	20	UG/L	ENV. LAB.
0	NAPHTHALENE	LT	10	UG/L	ENV. LAB.
0	NAPHTHALENE	LT	10	UG/L	M. A.
0	NAPHTHALENE	LT	10	UG/L	ENV. ENG.
0	NITROBENZENE	LT	10	UG/L	ENV. LAB.
0	NITROBENZENE	LT	10	UG/L	M. A.
0	NITROBENZENE	LT	10	UG/L	ENV. ENG.
0	N-NITROSODIMETHYLAMINE	LT	10	UG/L	ENV. LAB.
0	N-NITROSODIMETHYLAMINE	LT	10	UG/L	ENV. ENG.
0	N-NITROSODI-PROPYLAMINE	LT	10	UG/L	ENV. LAB.
0	N-NITROSODI-PROPYLAMINE	LT	10	UG/L	M. A.
0	N-NITROSODI-PROPYLAMINE	LT	10	UG/L	ENV. ENG.
0	N-NITROSODIPHENYLAMINE	LT	10	UG/L	ENV. LAB.
0	N-NITROSODIPHENYLAMINE	LT	10	UG/L	M. A.
0	N-NITROSODIPHENYLAMINE	LT	10	UG/L	ENV. ENG.
0	PCB 1016	LT	50	UG/L	ENV. LAB.
0	PCB 1221	LT	50	UG/L	ENV. LAB.
0	PCB 1232	LT	50	UG/L	ENV. LAB.
0	PCB 1242	LT	50	UG/L	ENV. LAB.
0	PCB 1248	LT	50	UG/L	ENV. LAB.
0	PCB 1254	LT	50	UG/L	ENV. LAB.
0	PCB 1260	LT	50	UG/L	ENV. LAB.
0	PENTACHLOROPHENOL	LT	20	UG/L	ENV. LAB.
0	PENTACHLOROPHENOL	LT	50	UG/L	M. A.
0	PENTACHLOROPHENOL	LT	10	UG/L	ENV. ENG.
0	PHENANTHRENE	LT	10	UG/L	ENV. LAB.
0	PHENANTHRENE	LT	10	UG/L	M. A.
0	PHENANTHRENE	LT	10	UG/L	ENV. ENG.
0	PHENOL	LT	10	UG/L	ENV. LAB.
0	PHENOL	LT	10	UG/L	M. A.
0	PHENOL	LT	10	UG/L	ENV. ENG.
0	2,2-BIS(4-CHLOROPHENYL)-1,1-DCE	LT	20	UG/L	ENV. LAB.
0	2,2-BIS(4-CHLOROPHENYL)-1,1-DCE	LT	20	UG/L	ENV. LAB.
0	2,2-BIS(4-CHLOROPHENYL)-1,1-TCE	LT	20	UG/L	ENV. LAB.
0	PYRENE	LT	10	UG/L	ENV. LAB.
0	PYRENE	LT	10	UG/L	M. A.
0	PYRENE	LT	10	UG/L	ENV. ENG.

CONTINUED

HELL AOB 1 COLLECTED ON 11/20/88 LABORATORY ANALYSES CONTINUED

2	TETRACHLOROETHYLENE		65.0	UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		66.7	UG/L	M-AREA,SRS
0	TOXAPHENE	LT	100	UG/L	ENV. LAB.
0	TRANS-1,2-DICHLOROETHENE	LT	1	UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	1	UG/L	M-AREA,SRS
0	1,1,2-TRICHLOROETHANE	LT	1	UG/L	M-AREA,SRS
0	1,2-DICHLOROBENZENE	LT	10	UG/L	ENV. LAB.
0	1,2-DICHLOROBENZENE	LT	10	UG/L	M. A.
0	1,2-DICHLOROBENZENE	LT	10	UG/L	ENV. ENG.
0	1,2-DIPHENYL HYDRAZINE	LT	10	UG/L	ENV. LAB.
0	1,2-DIPHENYL HYDRAZINE	LT	20	UG/L	ENV. ENG.
0	1,2,3-TRICHLOROBENZENE	LT	10	UG/L	ENV. ENG.
0	1,2,4-TRICHLOROBENZENE	LT	10	UG/L	ENV. LAB.
0	1,2,4-TRICHLOROBENZENE	LT	10	UG/L	M. A.
0	1,3-DICHLOROBENZENE	LT	10	UG/L	ENV. LAB.
0	1,3-DICHLOROBENZENE	LT	10	UG/L	M. A.
0	1,3-DICHLOROBENZENE	LT	10	UG/L	ENV. ENG.
0	1,4-DICHLOROBENZENE	LT	10	UG/L	ENV. LAB.
0	1,4-DICHLOROBENZENE	LT	10	UG/L	M. A.
0	1,4-DICHLOROBENZENE	LT	10	UG/L	ENV. ENG.
0	2-CHLOROPHENOL	LT	10	UG/L	ENV. LAB.
0	2-CHLOROPHENOL	LT	10	UG/L	M. A.
0	2-CHLOROPHENOL	LT	10	UG/L	ENV. ENG.
0	2-CHLORONAPHTHALENE	LT	10	UG/L	ENV. LAB.
0	2-CHLORONAPHTHALENE	LT	10	UG/L	M. A.
0	2-CHLORONAPHTHALENE	LT	10	UG/L	ENV. ENG.
0	2-METHYLNAPHTHALENE	LT	10	UG/L	M. A.
0	2-METHYL PHENOL	LT	10	UG/L	M. A.
0	2-NITROANILINE	LT	50	UG/L	M. A.
0	2-NITROPHENOL	LT	20	UG/L	ENV. LAB.
0	2-NITROPHENOL	LT	10	UG/L	M. A.
0	2-NITROPHENOL	LT	20	UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOL	LT	10	UG/L	ENV. LAB.
0	2,4-DICHLOROPHENOL	LT	10	UG/L	M. A.
0	2,4-DICHLOROPHENOL	LT	10	UG/L	ENV. ENG.
0	2,4-DIMETHYL PHENOL	LT	10	UG/L	ENV. LAB.
0	2,4-DIMETHYL PHENOL	LT	10	UG/L	M. A.
0	2,4-DIMETHYL PHENOL	LT	10	UG/L	ENV. ENG.
0	2,4-DINITROPHENOL	LT	10	UG/L	ENV. LAB.
0	2,4-DINITROPHENOL	LT	50	UG/L	M. A.
0	2,4-DINITROPHENOL	LT	50	UG/L	ENV. ENG.
0	2,4-DINITROPHENOL	LT	10	UG/L	ENV. LAB.
0	2,4-DINITROTOLUENE	LT	10	UG/L	M. A.
0	2,4-DINITROTOLUENE	LT	10	UG/L	ENV. ENG.
0	2,4-DINITROTOLUENE	LT	20	UG/L	ENV. LAB.
0	2,4,5-TRICHLOROPHENOL	LT	50	UG/L	M. A.
0	2,4,6-TRICHLOROPHENOL	LT	10	UG/L	ENV. LAB.
0	2,4,6-TRICHLOROPHENOL	LT	10	UG/L	M. A.
0	2,4,6-TRICHLOROPHENOL	LT	10	UG/L	ENV. ENG.
0	2,6-DINITROTOLUENE	LT	10	UG/L	ENV. LAB.
0	2,6-DINITROTOLUENE	LT	10	UG/L	M. A.
0	2,6-DINITROTOLUENE	LT	20	UG/L	ENV. ENG.
0	3-NITROANILINE	LT	50	UG/L	M. A.
0	3,3-DICHLOROBENZIDENE	LT	50	UG/L	ENV. LAB.
0	3,3-DICHLOROBENZIDENE	LT	20	UG/L	M. A.
0	3,3-DICHLOROBENZIDENE	LT	20	UG/L	ENV. ENG.
0	3,4-BENZOFUORANTHENE	LT	20	UG/L	ENV. LAB.
0	4-BROMOPHENYLPHENYL ETHER	LT	10	UG/L	ENV. LAB.
0	4-BROMOPHENYLPHENYL ETHER	LT	10	UG/L	M. A.
0	4-BROMOPHENYLPHENYL ETHER	LT	10	UG/L	ENV. ENG.
0	4-CHLORANILINE	LT	10	UG/L	M. A.
0	4-CHLOROPHENYLPHENYL ETHER	LT	10	UG/L	ENV. LAB.
0	4-CHLOROPHENYLPHENYL ETHER	LT	10	UG/L	M. A.
0	4-CHLOROPHENYLPHENYL ETHER	LT	10	UG/L	ENV. ENG.
0	3-METHYL-4-CHLOROPHENOL	LT	10	UG/L	ENV. LAB.
0	3-METHYL-4-CHLOROPHENOL	LT	10	UG/L	M. A.
0	3-METHYL-4-CHLOROPHENOL	LT	10	UG/L	ENV. ENG.
0	4-METHYL PHENOL	LT	10	UG/L	M. A.
0	4-NITROANILINE	LT	50	UG/L	M. A.
0	4-NITROPHENOL	LT	20	UG/L	ENV. LAB.
0	4-NITROPHENOL	LT	50	UG/L	M. A.
0	4-NITROPHENOL	LT	50	UG/L	ENV. ENG.
0	2-METHYL-4,6-DINITROPHENOL	LT	20	UG/L	ENV. LAB.
0	2-METHYL-4,6-DINITROPHENOL	LT	50	UG/L	M. A.
0	2-METHYL-4,6-DINITROPHENOL	LT	20	UG/L	ENV. ENG.

HELL AOB 1

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/20/88 TIME 1245  
 DEPTH TO WATER = 104.22 FT ( 31.77 M) BELOW THE TOC  
 WATER ELEVATION = 236.88 FT ( 72.20 M) MSL  
 PH = 5.1 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 40 UMHO/CM  
 WATER TEMPERATURE = 19.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 48 GAL

LABORATORY ANALYSES

0	ACENAPHTHENE	LT	10	UG/L	ENV. ENG.
0	ACENAPHTHYLENE	LT	10	UG/L	ENV. ENG.
0	ANTHRACENE	LT	10	UG/L	ENV. ENG.
0	BENZO(A)ANTHRACENE	LT	10	UG/L	ENV. ENG.
0	BENZO(A)PYRENE	LT	20	UG/L	ENV. ENG.
0	BUTYLBENZYL PHTHALATE	LT	10	UG/L	ENV. ENG.
0	BENZIDINE	LT	40	UG/L	ENV. ENG.
0	BENZO(G,H,I)PERYLENE	LT	20	UG/L	ENV. ENG.
0	BENZO(K)FLUORANTHENE	LT	20	UG/L	ENV. ENG.
0	BIS(2-CHLOROETHOXY) METHANE	LT	20	UG/L	ENV. ENG.
0	BIS(2-CHLOROISOPROPYL) ETHER	LT	20	UG/L	ENV. ENG.
0	BIS(2-CHLOROETHYL) ETHER	LT	10	UG/L	ENV. ENG.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10	UG/L	ENV. ENG.
0	CHRYSENE	LT	20	UG/L	ENV. ENG.
0	HEXACHLOROBENZENE	LT	10	UG/L	ENV. ENG.
0	HEXACHLOROCYCLOPENTADIENE	LT	10	UG/L	ENV. ENG.
0	HEXACHLOROETHANE	LT	10	UG/L	ENV. ENG.

CONTINUED

WELL AOB 1 COLLECTED ON 11/20/88 LABORATORY ANALYSES CONTINUED

0	DIBENZ(A,H)ANTHRACENE	LT	20	UG/L	ENV. ENG.
0	DIETHYL PHTHALATE	LT	10	UG/L	ENV. ENG.
0	DIMETHYL PHTHALATE	LT	10	UG/L	ENV. ENG.
0	DI-N-BUTYL PHTHALATE	LT	10	UG/L	ENV. ENG.
0	DI-N-OCTYL PHTHALATE	LT	10	UG/L	ENV. ENG.
0	FLUORANTHENE	LT	10	UG/L	ENV. ENG.
0	FLUORENE	LT	10	UG/L	ENV. ENG.
0	HEXACHLOROBUTADIENE	LT	10	UG/L	ENV. ENG.
0	INDENO(1,2,3-C,D)PYRENE	LT	20	UG/L	ENV. ENG.
0	ISOPHORONE	LT	10	UG/L	ENV. ENG.
0	NAPHTHALENE	LT	10	UG/L	ENV. ENG.
0	NITROBENZENE	LT	10	UG/L	ENV. ENG.
0	N-NITROSODIMETHYLAMINE	LT	10	UG/L	ENV. ENG.
0	N-NITROSODI-PROPYLAMINE	LT	10	UG/L	ENV. ENG.
0	N-NITROSODIPHENYLAMINE	LT	10	UG/L	ENV. ENG.
0	PENTACHLOROPHENOL	LT	10	UG/L	ENV. ENG.
0	PHENANTHRENE	LT	10	UG/L	ENV. ENG.
0	PHENOL	LT	10	UG/L	ENV. ENG.
0	PYRENE	LT	10	UG/L	ENV. ENG.
0	1,2-DICHLOROBENZENE	LT	10	UG/L	ENV. ENG.
0	1,2-DIPHENYL HYDRAZINE	LT	20	UG/L	ENV. ENG.
0	1,2,3-TRICHLOROBENZENE	LT	10	UG/L	ENV. ENG.
0	1,3-DICHLOROBENZENE	LT	10	UG/L	ENV. ENG.
0	1,4-DICHLOROBENZENE	LT	10	UG/L	ENV. ENG.
0	2-CHLOROPHENOL	LT	10	UG/L	ENV. ENG.
0	2-CHLORONAPHTHALENE	LT	10	UG/L	ENV. ENG.
0	2-NITROPHENOL	LT	20	UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOL	LT	10	UG/L	ENV. ENG.
0	2,4-DIMETHYL PHENOL	LT	10	UG/L	ENV. ENG.
0	2,4-DINITROPHENOL	LT	50	UG/L	ENV. ENG.
0	2,4-DINITROTOLUENE	LT	20	UG/L	ENV. ENG.
0	2,4,6-TRICHLOROPHENOL	LT	10	UG/L	ENV. ENG.
0	2,6-DINITROTOLUENE	LT	20	UG/L	ENV. ENG.
0	3,3-DICHLOROBENZIDENE	LT	20	UG/L	ENV. ENG.
0	3,4-BENZOFUORANTHENE	LT	20	UG/L	ENV. ENG.
0	4-BROMOPHENYLPHENYL ETHER	LT	10	UG/L	ENV. ENG.
0	4-CHLOROPHENYLPHENYL ETHER	LT	10	UG/L	ENV. ENG.
0	3-METHYL-4-CHLOROPHENOL	LT	10	UG/L	ENV. ENG.
0	4-NITROPHENOL	LT	50	UG/L	ENV. ENG.
0	2-METHYL-4,6-DINITROPHENOL	LT	20	UG/L	ENV. ENG.

WELL AOB 2

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/09/88 TIME 1630  
 DEPTH TO WATER = 107.57 FT ( 32.79 M) BELOW THE TOC  
 WATER ELEVATION = 237.85 FT ( 72.49 M) MSL  
 PH = 5.0 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 23 UMHOS/CM  
 WATER TEMPERATURE = 19.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 46 GAL

LABORATORY ANALYSES

0	ACENAPHTHENE	LT	10	UG/L	ENV. ENG.
0	ACENAPHTHENE	LT	10	UG/L	ENV. ENG.
0	ACENAPHTHYLENE	LT	10	UG/L	ENV. ENG.
0	ACENAPHTHYLENE	LT	10	UG/L	ENV. ENG.
0	ANTHRACENE	LT	10	UG/L	ENV. ENG.
0	ANTHRACENE	LT	10	UG/L	ENV. ENG.
0	BENZ(A)ANTHRACENE	LT	10	UG/L	ENV. ENG.
0	BENZ(A)ANTHRACENE	LT	10	UG/L	ENV. ENG.
0	BENZ(A)PYRENE	LT	20	UG/L	ENV. ENG.
0	BENZ(A)PYRENE	LT	20	UG/L	ENV. ENG.
0	BUTYLBENZYL PHTHALATE	LT	10	UG/L	ENV. ENG.
0	BUTYLBENZYL PHTHALATE	LT	10	UG/L	ENV. ENG.
0	BENZIDINE	LT	40	UG/L	ENV. ENG.
0	BENZIDINE	LT	40	UG/L	ENV. ENG.
0	BENZID(G,H,I)PERYLENE	LT	20	UG/L	ENV. ENG.
0	BENZID(G,H,I)PERYLENE	LT	20	UG/L	ENV. ENG.
0	BENZID(K)FLUORANTHENE	LT	20	UG/L	ENV. ENG.
0	BENZID(K)FLUORANTHENE	LT	20	UG/L	ENV. ENG.
0	BIS(2-CHLOROETHOXY) METHANE	LT	20	UG/L	ENV. ENG.
0	BIS(2-CHLOROETHOXY) METHANE	LT	20	UG/L	ENV. ENG.
0	BIS(2-CHLOROISOPROPYL) ETHER	LT	20	UG/L	ENV. ENG.
0	BIS(2-CHLOROISOPROPYL) ETHER	LT	20	UG/L	ENV. ENG.
0	BIS(2-CHLOROETHYL) ETHER	LT	10	UG/L	ENV. ENG.
0	BIS(2-CHLOROETHYL) ETHER	LT	10	UG/L	ENV. ENG.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10	UG/L	ENV. ENG.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10	UG/L	ENV. ENG.
0	CHLOROFORM	LT	1	UG/L	M-AREA,SRS
0	CHRYSENE	LT	20	UG/L	ENV. ENG.
0	CHRYSENE	LT	20	UG/L	ENV. ENG.
0	HEXACHLOROBENZENE	LT	10	UG/L	ENV. ENG.
0	HEXACHLOROBENZENE	LT	10	UG/L	ENV. ENG.
0	HEXACHLOROCYCLOPENTADIENE	LT	10	UG/L	ENV. ENG.
0	HEXACHLOROCYCLOPENTADIENE	LT	10	UG/L	ENV. ENG.
0	HEXACHLOROETHANE	LT	10	UG/L	ENV. ENG.
0	HEXACHLOROETHANE	LT	10	UG/L	ENV. ENG.
0	DIBENZ(A,H)ANTHRACENE	LT	20	UG/L	ENV. ENG.
0	DIBENZ(A,H)ANTHRACENE	LT	20	UG/L	ENV. ENG.
0	DIETHYL PHTHALATE	LT	10	UG/L	ENV. ENG.
0	DIETHYL PHTHALATE	LT	10	UG/L	ENV. ENG.
0	DIMETHYL PHTHALATE	LT	10	UG/L	ENV. ENG.
0	DIMETHYL PHTHALATE	LT	10	UG/L	ENV. ENG.
0	DI-N-BUTYL PHTHALATE	LT	10	UG/L	ENV. ENG.
0	DI-N-BUTYL PHTHALATE	LT	10	UG/L	ENV. ENG.
0	DI-N-OCTYL PHTHALATE	LT	10	UG/L	ENV. ENG.
0	DI-N-OCTYL PHTHALATE	LT	10	UG/L	ENV. ENG.
0	FLUORANTHENE	LT	10	UG/L	ENV. ENG.
0	FLUORANTHENE	LT	10	UG/L	ENV. ENG.
0	FLUORENE	LT	10	UG/L	ENV. ENG.
0	FLUORENE	LT	10	UG/L	ENV. ENG.
0	HEXACHLOROBUTADIENE	LT	10	UG/L	ENV. ENG.
0	HEXACHLOROBUTADIENE	LT	10	UG/L	ENV. ENG.

CONTINUED

WELL AOB 2 COLLECTED ON 10/09/88 LABORATORY ANALYSES CONTINUED

0	INDENO(1,2,3-C,D)PYRENE	LT	20	UG/L	ENV. ENG.
0	INDENO(1,2,3-C,D)PYRENE	LT	20	UG/L	ENV. ENG.
0	ISOPHORONE	LT	10	UG/L	ENV. ENG.
0	ISOPHORONE	LT	10	UG/L	ENV. ENG.
0	NAPHTHALENE	LT	10	UG/L	ENV. ENG.
0	NAPHTHALENE	LT	10	UG/L	ENV. ENG.
0	NITROBENZENE	LT	10	UG/L	ENV. ENG.
0	NITROBENZENE	LT	10	UG/L	ENV. ENG.
0	N-NITROSODIMETHYLAMINE	LT	10	UG/L	ENV. ENG.
0	N-NITROSODIMETHYLAMINE	LT	10	UG/L	ENV. ENG.
0	N-NITROSODI-PROPYLAMINE	LT	10	UG/L	ENV. ENG.
0	N-NITROSODI-PROPYLAMINE	LT	10	UG/L	ENV. ENG.
0	N-NITROSODIPHENYLAMINE	LT	10	UG/L	ENV. ENG.
0	N-NITROSODIPHENYLAMINE	LT	10	UG/L	ENV. ENG.
0	PENTACHLOROPHENOL	LT	10	UG/L	ENV. ENG.
0	PENTACHLOROPHENOL	LT	10	UG/L	ENV. ENG.
0	PHENANTHRENE	LT	10	UG/L	ENV. ENG.
0	PHENANTHRENE	LT	10	UG/L	ENV. ENG.
0	PHENOL	LT	10	UG/L	ENV. ENG.
0	PHENOL	LT	10	UG/L	ENV. ENG.
0	PYRENE	LT	10	UG/L	ENV. ENG.
0	PYRENE	LT	10	UG/L	ENV. ENG.
1	TETRACHLOROETHYLENE	LT	1.13	UG/L	M-AREA,SRS
0	TRICHLOROETHYLENE	LT	1.00	UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	1	UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	UG/L	M-AREA,SRS
0	1,2-DICHLOROBENZENE	LT	10	UG/L	ENV. ENG.
0	1,2-DICHLOROBENZENE	LT	10	UG/L	ENV. ENG.
0	1,2-DIPHENYL HYDRAZINE	LT	20	UG/L	ENV. ENG.
0	1,2-DIPHENYL HYDRAZINE	LT	20	UG/L	ENV. ENG.
0	1,2,3-TRICHLOROBENZENE	LT	10	UG/L	ENV. ENG.
0	1,2,3-TRICHLOROBENZENE	LT	10	UG/L	ENV. ENG.
0	1,3-DICHLOROBENZENE	LT	10	UG/L	ENV. ENG.
0	1,3-DICHLOROBENZENE	LT	10	UG/L	ENV. ENG.
0	1,4-DICHLOROBENZENE	LT	10	UG/L	ENV. ENG.
0	1,4-DICHLOROBENZENE	LT	10	UG/L	ENV. ENG.
0	2-CHLOROPHENOL	LT	10	UG/L	ENV. ENG.
0	2-CHLOROPHENOL	LT	10	UG/L	ENV. ENG.
0	2-CHLORONAPHTHALENE	LT	10	UG/L	ENV. ENG.
0	2-CHLORONAPHTHALENE	LT	10	UG/L	ENV. ENG.
0	2-NITROPHENOL	LT	20	UG/L	ENV. ENG.
0	2-NITROPHENOL	LT	20	UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOL	LT	10	UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOL	LT	10	UG/L	ENV. ENG.
0	2,4-DIMETHYL PHENOL	LT	10	UG/L	ENV. ENG.
0	2,4-DIMETHYL PHENOL	LT	10	UG/L	ENV. ENG.
0	2,4-DINITROPHENOL	LT	50	UG/L	ENV. ENG.
0	2,4-DINITROPHENOL	LT	50	UG/L	ENV. ENG.
0	2,4-DINITROTOLUENE	LT	20	UG/L	ENV. ENG.
0	2,4-DINITROTOLUENE	LT	20	UG/L	ENV. ENG.
0	2,4,6-TRICHLOROPHENOL	LT	10	UG/L	ENV. ENG.
0	2,4,6-TRICHLOROPHENOL	LT	10	UG/L	ENV. ENG.
0	2,6-DINITROTOLUENE	LT	20	UG/L	ENV. ENG.
0	2,6-DINITROTOLUENE	LT	20	UG/L	ENV. ENG.
0	3,3-DICHLOROBENZIDENE	LT	20	UG/L	ENV. ENG.
0	3,3-DICHLOROBENZIDENE	LT	20	UG/L	ENV. ENG.
0	3,4-BENZOFUORANTHENE	LT	20	UG/L	ENV. ENG.
0	3,4-BENZOFUORANTHENE	LT	20	UG/L	ENV. ENG.
0	4-BROMOPHENYLPHENYL ETHER	LT	10	UG/L	ENV. ENG.
0	4-BROMOPHENYLPHENYL ETHER	LT	10	UG/L	ENV. ENG.
0	4-CHLOROPHENYLPHENYL ETHER	LT	10	UG/L	ENV. ENG.
0	4-CHLOROPHENYLPHENYL ETHER	LT	10	UG/L	ENV. ENG.
0	3-METHYL-4-CHLOROPHENOL	LT	10	UG/L	ENV. ENG.
0	3-METHYL-4-CHLOROPHENOL	LT	10	UG/L	ENV. ENG.
0	4-NITROPHENOL	LT	50	UG/L	ENV. ENG.
0	4-NITROPHENOL	LT	50	UG/L	ENV. ENG.
0	2-METHYL-4,6-DINITROPHENOL	LT	20	UG/L	ENV. ENG.
0	2-METHYL-4,6-DINITROPHENOL	LT	20	UG/L	ENV. ENG.

WELL ARP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/09/88 TIME 1720  
 DEPTH TO WATER = 140.02 FT ( 42.68 M) BELOW THE TOC  
 WATER ELEVATION = 215.08 FT ( 65.56 M) MSL  
 PH = 4.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 43 UMHOS/CM  
 WATER TEMPERATURE = 18.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 56 GAL

LABORATORY ANALYSES

1	COPPER	27	UG/L	ENV. ENG.
2	COPPER	28	UG/L	ENV. ENG.
0	MANGANESE	13	UG/L	ENV. ENG.
0	MANGANESE	14	UG/L	ENV. ENG.



## WELL ARP 2

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/09/88 TIME 1745  
 DEPTH TO WATER = 119.56 FT ( 36.44 M) BELOW THE TOC  
 WATER ELEVATION = 217.74 FT ( 66.37 M) MSL  
 PH = 5.0 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 17 UMHOS/CM  
 WATER TEMPERATURE = 18.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 72 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 COPPER		12 UG/L	ENV. ENG.
0 MANGANESE		5 UG/L	ENV. ENG.
1 TETRACHLOROETHYLENE		2.10 UG/L	M-AREA,SRS
1 TRICHLOROETHYLENE		1.25 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL ARP 3

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/09/88 TIME 1805  
 DEPTH TO WATER = 120.27 FT ( 36.66 M) BELOW THE TOC  
 WATER ELEVATION = 219.53 FT ( 66.91 M) MSL  
 PH = 4.8 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 19 UMHOS/CM  
 WATER TEMPERATURE = 18.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 82 GAL

## LABORATORY ANALYSES

0 COPPER		11 UG/L	ENV. ENG.
0 MANGANESE		6 UG/L	ENV. ENG.

## WELL ARP 4

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/09/88 TIME 1655  
 DEPTH TO WATER = 131.37 FT ( 40.04 M) BELOW THE TOC  
 WATER ELEVATION = 217.03 FT ( 66.15 M) MSL  
 PH = 4.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 22 UMHOS/CM  
 WATER TEMPERATURE = 18.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 50 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 COPPER		20 UG/L	ENV. ENG.
1 COPPER		27 UG/L	ENV. ENG.
0 MANGANESE		14 UG/L	ENV. ENG.
0 MANGANESE		15 UG/L	ENV. ENG.
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
1 TRICHLOROETHYLENE		1.25 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL ASB 1A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/26/88 TIME 1430  
 DEPTH TO WATER = 111.03 FT ( 33.84 M) BELOW THE TOC  
 WATER ELEVATION = 238.07 FT ( 72.56 M) MSL  
 PH = 4.9 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 56 UMHOS/CM  
 WATER TEMPERATURE = 19.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 55 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
1 TETRACHLOROETHYLENE		3.49 UG/L	M-AREA,SRS
1 TRICHLOROETHYLENE		1.40 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL ASB 1A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/26/88 TIME 1430  
 DEPTH TO WATER = 111.03 FT ( 33.84 M) BELOW THE TOC  
 WATER ELEVATION = 238.07 FT ( 72.56 M) MSL  
 PH = 4.9 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 56 UMHOS/CM  
 WATER TEMPERATURE = 19.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 55 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
1 TETRACHLOROETHYLENE		2.95 UG/L	M-AREA,SRS
0 TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL ASB 2A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/02/88 TIME 1055  
 DEPTH TO WATER = 110.09 FT ( 33.54 M) BELOW THE TOC  
 WATER ELEVATION = 238.91 FT ( 72.82 M) MSL  
 PH = 5.4 ALKALINITY = 9 MG/L  
 SPECIFIC CONDUCTANCE = 82 UMHOS/CM  
 WATER TEMPERATURE = 19.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 58 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
1 TETRACHLOROETHYLENE		1.98 UG/L	M-AREA,SRS
0 TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL ASB 3A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/02/88 TIME 1030  
 DEPTH TO WATER = 106.00 FT ( 32.31 M) BELOW THE TOC  
 WATER ELEVATION = 239.00 FT ( 72.85 M) MSL  
 PH = 5.6 ALKALINITY = 13 MG/L  
 SPECIFIC CONDUCTANCE = 54 UMHOS/CM  
 WATER TEMPERATURE = 19.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 57 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL ASB 4

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/02/88 TIME 1400  
 DEPTH TO WATER = 97.72 FT ( 29.79 M) BELOW THE TOC  
 WATER ELEVATION = 237.88 FT ( 72.51 M) MSL  
 PH = 5.2 ALKALINITY = 7 MG/L  
 SPECIFIC CONDUCTANCE = 43 UMHOS/CM  
 WATER TEMPERATURE = 20.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 31 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
2 TRICHLOROETHYLENE		3.05 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL ASB 5A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/02/88 TIME 1140  
 DEPTH TO WATER = 107.07 FT ( 32.64 M) BELOW THE TOC  
 WATER ELEVATION = 237.95 FT ( 72.52 M) MSL  
 PH = 5.1 ALKALINITY = 3 MG/L  
 SPECIFIC CONDUCTANCE = 41 UMHOS/CM  
 WATER TEMPERATURE = 19.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 53 GAL

## WELL ASB 6A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/02/88 TIME 1120  
 DEPTH TO WATER = 112.75 FT ( 34.37 M) BELOW THE TOC  
 WATER ELEVATION = 237.45 FT ( 72.38 M) MSL  
 PH = 4.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 54 UMHOS/CM  
 WATER TEMPERATURE = 19.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 51 GAL

## WELL ASB 7

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/02/88 TIME 1200  
 DEPTH TO WATER = 117.31 FT ( 35.76 M) BELOW THE TOC  
 WATER ELEVATION = 236.09 FT ( 71.96 M) MSL  
 PH = 4.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 68 UMHOS/CM  
 WATER TEMPERATURE = 19.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 68 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
1 TETRACHLOROETHYLENE		2.68 UG/L	M-AREA,SRS
1 TRICHLOROETHYLENE		1.23 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL ASB 8

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/09/88 TIME 1335  
 DEPTH TO WATER = 114.39 FT ( 34.87 M) BELOW THE TOC  
 WATER ELEVATION = 234.61 FT ( 71.51 M) MSL  
 PH = 4.6 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 34 UMHOS/CM  
 WATER TEMPERATURE = 18.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 74 GAL

## WELL ASB 8A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/09/88 TIME 1420  
 DEPTH TO WATER = 131.14 FT ( 39.97 M) BELOW THE TOC  
 WATER ELEVATION = 218.16 FT ( 66.50 M) MSL  
 PH = 5.4 ALKALINITY = 2 MG/L  
 SPECIFIC CONDUCTANCE = 23 UMHOS/CM  
 WATER TEMPERATURE = 19.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 390 GAL

## LABORATORY ANALYSES

1 CHLOROFORM		3 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL ASB 8B

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/09/88 TIME 1255  
 DEPTH TO WATER = 130.36 FT ( 39.73 M) BELOW THE TOC  
 WATER ELEVATION = 219.44 FT ( 66.89 M) MSL  
 PH = 5.4 ALKALINITY = 2 MG/L  
 SPECIFIC CONDUCTANCE = 30 UMHOS/CM  
 WATER TEMPERATURE = 18.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 288 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	100 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	100 UG/L	M-AREA,SRS
2 TRICHLOROETHYLENE		2520 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	100 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	100 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	100 UG/L	M-AREA,SRS

## WELL ASB 8C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/09/88 TIME 1355  
 DEPTH TO WATER = 126.53 FT ( 38.57 M) BELOW THE TOC  
 WATER ELEVATION = 223.17 FT ( 68.02 M) MSL  
 PH = 4.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 42 UMHOS/CM  
 WATER TEMPERATURE = 18.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 128 GAL

## WELL ASB 8TA

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/09/88 TIME 1320  
 DEPTH TO WATER = 135.48 FT ( 41.29 M) BELOW THE TOC  
 WATER ELEVATION = 214.12 FT ( 65.26 M) MSL  
 PH = 5.1 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 22 UMHOS/CM  
 WATER TEMPERATURE = 18.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 568 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL ASB 9

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/09/88 TIME 1450  
 DEPTH TO WATER = 69.09 FT ( 21.06 M) BELOW THE TOC  
 WATER ELEVATION = 239.91 FT ( 73.13 M) MSL  
 PH = 5.1 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 40 UMHOS/CM  
 WATER TEMPERATURE = 18.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 62 GAL

## WELL ASB 9B

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/09/88 TIME 1550  
 DEPTH TO WATER = 89.89 FT ( 27.40 M) BELOW THE TOC  
 WATER ELEVATION = 219.11 FT ( 66.79 M) MSL  
 PH = 9.1 ALKALINITY = 53 MG/L  
 SPECIFIC CONDUCTANCE = 125 UMHOS/CM  
 WATER TEMPERATURE = 18.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 350 GAL

## LABORATORY ANALYSES

1 CHLOROFORM		2 UG/L	M-AREA,SRS
2 TETRACHLOROETHYLENE		41.1 UG/L	M-AREA,SRS
2 TRICHLOROETHYLENE		50.5 UG/L	M-AREA,SRS
1 TRANS-1,2-DICHLOROETHENE		4 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	10 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	10 UG/L	M-AREA,SRS

WELL BG 10

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/08/88 TIME 1025  
DEPTH TO WATER = 24.60 FT ( 7.50 M) BELOW THE TOC  
WATER ELEVATION = 231.80 FT ( 70.65 M) MSL  
PH = 3.7  
SPECIFIC CONDUCTANCE = 468 UMHOS/CM  
WATER TEMPERATURE = 17.7 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

LABORATORY ANALYSES

2 GROSS ALPHA 36.19+-5.87 PCI/L HP, 735A  
2 NONVOLATILE BETA 857+-19.1 PCI/L HP, 735A  
2 TRITIUM 33741+- 202 PCI/ML HP, 735A

WELL BG 52

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1215  
DEPTH TO WATER = 61.30 FT ( 18.68 M) BELOW THE TOC  
WATER ELEVATION = 228.50 FT ( 69.65 M) MSL  
PH = 5.3  
SPECIFIC CONDUCTANCE = 67 UMHOS/CM  
WATER TEMPERATURE = 16.4 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

LABORATORY ANALYSES

0 GROSS ALPHA 4.00+-1.02 PCI/L HP, 735A  
0 NONVOLATILE BETA 2.76+-0.89 PCI/L HP, 735A  
2 TRITIUM 42.30+-1.03 PCI/ML HP, 735A

WELL BG 53

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/10/88 TIME 1000  
DEPTH TO WATER = 57.00 FT ( 17.37 M) BELOW THE TOC  
WATER ELEVATION = 228.70 FT ( 69.71 M) MSL  
PH = 5.6  
SPECIFIC CONDUCTANCE = 25 UMHOS/CM  
WATER TEMPERATURE = 18.4 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

LABORATORY ANALYSES

1 TRITIUM 17.64+-0.82 PCI/ML HP, 735A  
0 TRITIUM 9.35+-0.34 PCI/ML RAD. MEAS.

WELL BG 54

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/08/88 TIME 800  
DEPTH TO WATER = 50.20 FT ( 15.30 M) BELOW THE TOC  
WATER ELEVATION = 227.00 FT ( 69.19 M) MSL  
PH = 6.5  
SPECIFIC CONDUCTANCE = 95 UMHOS/CM  
WATER TEMPERATURE = 16.6 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

LABORATORY ANALYSES

1 TRITIUM 17.76+-0.82 PCI/ML HP, 735A

WELL BG 55

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/08/88 TIME 810  
DEPTH TO WATER = 51.20 FT ( 15.61 M) BELOW THE TOC  
WATER ELEVATION = 225.70 FT ( 68.79 M) MSL  
PH = 5.6  
SPECIFIC CONDUCTANCE = 33 UMHOS/CM  
WATER TEMPERATURE = 16.6 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

LABORATORY ANALYSES

2 TRITIUM 2235+-34.1 PCI/ML HP, 735A

WELL BG 56

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/08/88 TIME 820  
DEPTH TO WATER = 50.40 FT ( 15.36 M) BELOW THE TOC  
WATER ELEVATION = 224.50 FT ( 68.43 M) MSL  
PH = 5.5  
SPECIFIC CONDUCTANCE = 105 UMHOS/CM  
WATER TEMPERATURE = 16.5 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

LABORATORY ANALYSES

0 GROSS ALPHA 1.59+-0.82 PCI/L HP, 735A  
0 NONVOLATILE BETA 2.76+-1.62 PCI/L HP, 735A  
2 TRITIUM 61068+- 384 PCI/ML HP, 735A

WELL BG 57

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/08/88 TIME 830  
DEPTH TO WATER = 47.40 FT ( 14.45 M) BELOW THE TOC  
WATER ELEVATION = 225.20 FT ( 68.64 M) MSL  
PH = 6.0  
SPECIFIC CONDUCTANCE = 37 UMHOS/CM  
WATER TEMPERATURE = 17.0 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

LABORATORY ANALYSES

2 TRITIUM 849+-15.1 PCI/ML HP, 735A

WELL BG 58

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/08/88 TIME 840  
DEPTH TO WATER = 52.50 FT ( 16.00 M) BELOW THE TOC  
WATER ELEVATION = 225.70 FT ( 68.79 M) MSL  
PH = 6.1  
SPECIFIC CONDUCTANCE = 73 UMHOS/CM  
WATER TEMPERATURE = 16.9 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

LABORATORY ANALYSES

2 TRITIUM 24.24+-0.91 PCI/ML HP, 735A

WELL BG 59

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/08/88 TIME 845  
DEPTH TO WATER = 55.00 FT ( 16.76 M) BELOW THE TOC  
WATER ELEVATION = 227.70 FT ( 69.40 M) MSL  
PH = 6.9  
SPECIFIC CONDUCTANCE = 46 UMHOS/CM  
WATER TEMPERATURE = 16.7 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

LABORATORY ANALYSES

2 TRITIUM 39.31+-1.09 PCI/ML HP, 735A  
2 TRITIUM 27.40+-0.51 PCI/ML RAD. MEAS.

WELL BG 60

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/08/88 TIME 850  
DEPTH TO WATER = 47.00 FT ( 14.33 M) BELOW THE TOC  
WATER ELEVATION = 228.50 FT ( 69.65 M) MSL  
PH = 5.7  
SPECIFIC CONDUCTANCE = 47 UMHOS/CM  
WATER TEMPERATURE = 16.3 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

LABORATORY ANALYSES

2 TRITIUM 30.20+-0.99 PCI/ML HP, 735A

WELL BG 61  
MEASUREMENTS CONDUCTED IN THE FIELD  
SAMPLE DATE 10/08/88 TIME 905  
DEPTH TO WATER = 44.20 FT ( 13.47 M) BELOW THE TOC  
WATER ELEVATION = 230.80 FT ( 70.35 M) MSL  
PH = 5.8  
SPECIFIC CONDUCTANCE = 47 UMHOS/CM  
WATER TEMPERATURE = 26.5 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING  
LABORATORY ANALYSES  
2 TRITIUM  
25.31+-0.93 PCI/ML HP, 735A

WELL BG 62  
MEASUREMENTS CONDUCTED IN THE FIELD  
SAMPLE DATE 10/08/88 TIME 915  
DEPTH TO WATER = 39.80 FT ( 12.13 M) BELOW THE TOC  
WATER ELEVATION = 232.70 FT ( 70.93 M) MSL  
PH = 5.9  
SPECIFIC CONDUCTANCE = 38 UMHOS/CM  
WATER TEMPERATURE = 16.8 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING  
LABORATORY ANALYSES  
2 TRITIUM  
33.61+-1.03 PCI/ML HP, 735A

WELL BG 63  
MEASUREMENTS CONDUCTED IN THE FIELD  
SAMPLE DATE 10/08/88 TIME 925  
DEPTH TO WATER = 39.60 FT ( 12.07 M) BELOW THE TOC  
WATER ELEVATION = 234.60 FT ( 71.51 M) MSL  
PH = 5.7  
SPECIFIC CONDUCTANCE = 35 UMHOS/CM  
WATER TEMPERATURE = 16.9 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING  
LABORATORY ANALYSES  
2 TRITIUM  
34.50+-1.04 PCI/ML HP, 735A

WELL BG 64  
MEASUREMENTS CONDUCTED IN THE FIELD  
SAMPLE DATE 10/08/88 TIME 940  
DEPTH TO WATER = 47.20 FT ( 14.39 M) BELOW THE TOC  
WATER ELEVATION = 238.10 FT ( 72.57 M) MSL  
PH = 6.1  
SPECIFIC CONDUCTANCE = 37 UMHOS/CM  
WATER TEMPERATURE = 17.3 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING  
LABORATORY ANALYSES  
2 TRITIUM  
33.06+-1.02 PCI/ML HP, 735A

WELL BG 65  
MEASUREMENTS CONDUCTED IN THE FIELD  
SAMPLE DATE 10/08/88 TIME 955  
DEPTH TO WATER = 54.80 FT ( 16.70 M) BELOW THE TOC  
WATER ELEVATION = 236.10 FT ( 71.96 M) MSL  
PH = 6.9  
SPECIFIC CONDUCTANCE = 58 UMHOS/CM  
WATER TEMPERATURE = 16.8 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING  
LABORATORY ANALYSES  
2 TRITIUM  
2 TRITIUM  
32.58+-1.01 PCI/ML HP, 735A  
23.40+-0.47 PCI/ML RAD. MEAS.

WELL BG 66  
MEASUREMENTS CONDUCTED IN THE FIELD  
SAMPLE DATE 10/08/88 TIME 1010  
DEPTH TO WATER = 60.50 FT ( 18.44 M) BELOW THE TOC  
WATER ELEVATION = 235.50 FT ( 71.78 M) MSL  
PH = 6.8  
SPECIFIC CONDUCTANCE = 57 UMHOS/CM  
WATER TEMPERATURE = 17.0 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING  
LABORATORY ANALYSES  
2 TRITIUM  
50.88+-1.21 PCI/ML HP, 735A

WELL BG 67  
MEASUREMENTS CONDUCTED IN THE FIELD  
SAMPLE DATE 10/10/88 TIME 940  
DEPTH TO WATER = 59.00 FT ( 17.98 M) BELOW THE TOC  
WATER ELEVATION = 235.70 FT ( 71.84 M) MSL  
PH = 5.8  
SPECIFIC CONDUCTANCE = 37 UMHOS/CM  
WATER TEMPERATURE = 17.8 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING  
LABORATORY ANALYSES  
2 TRITIUM  
76.47+-1.44 PCI/ML HP, 735A

WELL BG 106  
MEASUREMENTS CONDUCTED IN THE FIELD  
SAMPLE DATE 12/21/88 TIME  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING  
LABORATORY ANALYSES  
2 TRITIUM  
29.60+-0.86 PCI/ML HP, 735A

WELL BG 111  
MEASUREMENTS CONDUCTED IN THE FIELD  
SAMPLE DATE 12/21/88 TIME  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING  
LABORATORY ANALYSES  
0 TRITIUM  
9.75+-0.59 PCI/ML HP, 735A

WELL BG 112  
MEASUREMENTS CONDUCTED IN THE FIELD  
SAMPLE DATE 12/21/88 TIME  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING  
LABORATORY ANALYSES  
2 TRITIUM  
86.90+-1.35 PCI/ML HP, 735A

WELL BG 116  
MEASUREMENTS CONDUCTED IN THE FIELD  
SAMPLE DATE 12/21/88 TIME  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING  
LABORATORY ANALYSES  
1 TRITIUM  
10.50+-0.61 PCI/ML HP, 735A

## WELL BG 118

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/21/88 TIME  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

1 TRITIUM 10.90+-0.61 PCI/ML HP, 735A

## WELL BGO 10

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/23/88 TIME 925  
DEPTH TO WATER = 57.36 FT ( 17.48 M) BELOW THE TOC  
WATER ELEVATION = 237.74 FT ( 72.46 M) MSL  
PH = 4.7 ALKALINITY = 1 MG/L  
SPECIFIC CONDUCTANCE = 50 UMHOS/CM  
WATER TEMPERATURE = 18.0 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 6 GAL  
THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	39.00 UMH	ENV. ENG.
0	SPECIFIC CONDUCTANCE	50.00 UMH	ENV. ENG.
0	SPECIFIC CONDUCTANCE	49.00 UMH	ENV. ENG.
0	SPECIFIC CONDUCTANCE	49.70 UMH	ENV. ENG.
0	SPECIFIC CONDUCTANCE	49.80 UMH	ENV. ENG.
0	PH	5.21 PH	ENV. ENG.
0	PH	5.18 PH	ENV. ENG.
0	PH	5.14 PH	ENV. ENG.
0	PH	5.20 PH	ENV. ENG.
0	TURBIDITY	2 NTU	ENV. ENG.
0	SILVER	2 UG/L	ENV. ENG.
0	ARSENIC	2 UG/L	ENV. ENG.
0	BARIUM	24 UG/L	ENV. ENG.
0	CALCIUM	465 UG/L	ENV. ENG.
0	CADMIUM	2 UG/L	ENV. ENG.
0	CHLORIDE	2500 UG/L	ENV. ENG.
0	CHROMIUM	4 UG/L	ENV. ENG.
0	ENDRIN	0.10 UG/L	ENV. ENG.
0	ENDRIN	0.10 UG/L	ENV. ENG.
0	FLUORIDE	100 UG/L	ENV. ENG.
0	IRON	77 UG/L	ENV. ENG.
0	MERCURY	0.30 UG/L	ENV. ENG.
0	POTASSIUM	500 UG/L	ENV. ENG.
0	LINDANE	0.05 UG/L	ENV. ENG.
0	LINDANE	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	0.50 UG/L	ENV. ENG.
0	METHOXYCHLOR	0.50 UG/L	ENV. ENG.
0	MAGNESIUM	158 UG/L	ENV. ENG.
2	MANGANESE	86 UG/L	ENV. ENG.
1	SODIUM	6200 UG/L	ENV. ENG.
1	NITRATE AS NITROGEN	3470 UG/L	ENV. ENG.
0	LEAD	6 UG/L	ENV. ENG.
0	PHENOL	5 UG/L	ENV. ENG.
0	SELENIUM	2 UG/L	ENV. ENG.
1	SILICA	5400 UG/L	ENV. ENG.
0	SILVEX	0.09 UG/L	ENV. ENG.
0	SULFATE	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	44000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	20 UG/L	ENV. ENG.
0	TOXAPHENE	1 UG/L	ENV. ENG.
0	TOXAPHENE	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXACETIC ACID	0.30 UG/L	ENV. ENG.
0	GROSS ALPHA	1.56+-0.85 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	4.51+-1.06 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	0.44+-0.39 PCI/L	RAD. MEAS.
1	TRITIUM	10.30+-0.36 PCI/ML	RAD. MEAS.

## WELL BGO 20

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/12/88 TIME 1020  
DEPTH TO WATER = 58.72 FT ( 17.90 M) BELOW THE TOC  
WATER ELEVATION = 238.18 FT ( 72.60 M) MSL  
PH = 4.3 ALKALINITY = 0 MG/L  
SPECIFIC CONDUCTANCE = 46 UMHOS/CM  
WATER TEMPERATURE = 20.0 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 66 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	40.00 UMH	ENV. ENG.
0	SPECIFIC CONDUCTANCE	40.20 UMH	ENV. ENG.
0	SPECIFIC CONDUCTANCE	55.10 UMH	ENV. ENG.
0	SPECIFIC CONDUCTANCE	54.60 UMH	ENV. ENG.
0	SPECIFIC CONDUCTANCE	49.90 UMH	ENV. ENG.
0	SPECIFIC CONDUCTANCE	54.30 UMH	ENV. ENG.
0	PH	4.50 PH	ENV. ENG.
0	PH	4.70 PH	ENV. ENG.
0	PH	4.76 PH	ENV. ENG.

CONTINUED

## WELL BGO 20 COLLECTED ON 11/12/88 LABORATORY ANALYSES CONTINUED

0	PH	4.39 PH	ENV. ENG.
0	PH	4.53 PH	ENV. ENG.
0	PH	4.65 PH	ENV. ENG.
0	TURBIDITY	1 NTU	ENV. ENG.
0	TURBIDITY	0.95 NTU	ENV. ENG.
0	TURBIDITY	0.21 NTU	ENV. ENG.
0	SILVER	10 UG/L	ENV. ENG.
0	SILVER	10 UG/L	ENV. ENG.
0	SILVER	2 UG/L	ENV. ENG.
0	ALUMINUM	200 UG/L	ENV. ENG.
0	ARSENIC	10 UG/L	ENV. ENG.
0	ARSENIC	10 UG/L	ENV. ENG.
0	ARSENIC	2 UG/L	ENV. ENG.
0	BARIUM	100 UG/L	ENV. ENG.
0	BARIUM	200 UG/L	ENV. ENG.
0	BARIUM	25 UG/L	ENV. ENG.
0	BARIUM	25 UG/L	ENV. ENG.
0	BERYLLIUM	5 UG/L	ENV. ENG.
0	CALCIUM	1400 UG/L	ENV. ENG.
0	CALCIUM	5000 UG/L	ENV. ENG.
0	CALCIUM	1120 UG/L	ENV. ENG.
0	CALCIUM	1060 UG/L	ENV. ENG.
0	CADMIUM	10 UG/L	ENV. ENG.
0	CADMIUM	5 UG/L	ENV. ENG.
0	CADMIUM	2 UG/L	ENV. ENG.
0	CADMIUM	2 UG/L	ENV. ENG.
0	CHLORIDE	3000 UG/L	ENV. ENG.
0	CHLORIDE	2500 UG/L	ENV. ENG.
0	CHLORIDE	3700 UG/L	ENV. ENG.
0	COBALT	50 UG/L	ENV. ENG.
0	CHROMIUM	50 UG/L	ENV. ENG.
0	CHROMIUM	10 UG/L	ENV. ENG.
0	CHROMIUM	4 UG/L	ENV. ENG.
0	CHROMIUM	4 UG/L	ENV. ENG.
0	COPPER	25 UG/L	ENV. ENG.
0	ENDRIN	0.10 UG/L	ENV. ENG.
0	ENDRIN	0.10 UG/L	ENV. ENG.
0	ENDRIN	0.10 UG/L	ENV. ENG.
0	FLUORIDE	100 UG/L	ENV. ENG.
0	FLUORIDE	100 UG/L	ENV. ENG.
0	IRON	50 UG/L	ENV. ENG.
0	IRON	100 UG/L	ENV. ENG.
0	IRON	20 UG/L	ENV. ENG.
0	IRON	20 UG/L	ENV. ENG.
0	MERCURY	0.50 UG/L	ENV. ENG.
0	MERCURY	0.20 UG/L	ENV. ENG.
0	MERCURY	0.20 UG/L	ENV. ENG.
0	POTASSIUM	610 UG/L	ENV. ENG.
0	POTASSIUM	5000 UG/L	ENV. ENG.
0	POTASSIUM	500 UG/L	ENV. ENG.
0	LINDANE	0.10 UG/L	ENV. ENG.
0	LINDANE	0.05 UG/L	ENV. ENG.
0	LINDANE	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	0.20 UG/L	ENV. ENG.
0	METHOXYCHLOR	0.50 UG/L	ENV. ENG.
0	MAGNESIUM	1000 UG/L	ENV. ENG.
0	MAGNESIUM	5000 UG/L	ENV. ENG.
0	MAGNESIUM	1020 UG/L	ENV. ENG.
0	MAGNESIUM	1030 UG/L	ENV. ENG.
0	MANGANESE	20 UG/L	ENV. ENG.
0	MANGANESE	15 UG/L	ENV. ENG.
0	MANGANESE	3 UG/L	ENV. ENG.
0	MANGANESE	4 UG/L	ENV. ENG.
0	SODIUM	2400 UG/L	ENV. ENG.
0	SODIUM	5000 UG/L	ENV. ENG.
0	SODIUM	2340 UG/L	ENV. ENG.
0	SODIUM	2570 UG/L	ENV. ENG.
0	NICKEL	40 UG/L	ENV. ENG.
1	NITRATE AS NITROGEN	3500 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	2800 UG/L	ENV. ENG.
1	NITRATE AS NITROGEN	3000 UG/L	ENV. ENG.
0	LEAD	10 UG/L	ENV. ENG.
0	LEAD	5 UG/L	ENV. ENG.
0	LEAD	6 UG/L	ENV. ENG.
0	LEAD	5 UG/L	ENV. ENG.
0	PHENOL	5 UG/L	ENV. ENG.
0	PHENOL	5 UG/L	ENV. ENG.
0	PHENOL	5 UG/L	ENV. ENG.
0	ANTIMONY	60 UG/L	ENV. ENG.
0	SELENIUM	10 UG/L	ENV. ENG.
0	SELENIUM	5 UG/L	ENV. ENG.
0	SELENIUM	2 UG/L	ENV. ENG.
1	SILICA	6400 UG/L	ENV. ENG.
1	SILICA	2000 UG/L	ENV. ENG.
1	SILICA	3220 UG/L	ENV. ENG.
0	SILVEX	0.10 UG/L	ENV. ENG.
0	SILVEX	0.50 UG/L	ENV. ENG.
0	SILVEX	0.09 UG/L	ENV. ENG.
0	SILVEX	0.09 UG/L	ENV. ENG.
0	TIN	100 UG/L	ENV. ENG.
0	SULFATE	5000 UG/L	ENV. ENG.
0	SULFATE	5000 UG/L	ENV. ENG.
0	SULFATE	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	46000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	28000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	64000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	5000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	500 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	32 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	10 UG/L	ENV. ENG.
2	TOTAL ORGANIC HALOGENS	86 UG/L	ENV. ENG.
2	TOTAL ORGANIC HALOGENS	46 UG/L	ENV. ENG.

CONTINUED

WELL BGO 20 COLLECTED ON 11/12/88 LABORATORY ANALYSES CONTINUED

1	TOTAL ORGANIC HALOGENS	10 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	6 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	10 UG/L	ENV. LAB.
0	TOTAL PHOSPHATES	LT	ENV. LAB.
0	TOTAL PHOSPHATES	LT	ENV. LAB.
0	TOXAPHENE	LT	ENV. ENG.
0	TOXAPHENE	LT	ENV. LAB.
0	TOXAPHENE	LT	ENV. LAB.
0	TOXAPHENE	LT	ENV. ENG.
0	URANIUM	LT	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	1000 UG/L	M. A.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	ENV. LAB.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	ENV. LAB.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	ENV. ENG.
0	2,4,5-TRICHLOROPHENOXYACETIC ACID	LT	ENV. ENG.
0	ZINC	40 UG/L	M. A.
0	GROSS ALPHA	2.60+-0.80 PCI/L	ENV. LAB.
0	GROSS ALPHA	0.00+-5.00 PCI/L	M. A.
0	GROSS ALPHA	2.62+-0.89 PCI/L	ENV. LAB.
0	NONVOLATILE BETA	2.10+-0.25 PCI/L	ENV. LAB.
0	NONVOLATILE BETA	3.00+-2.00 PCI/L	M. A.
0	NONVOLATILE BETA	2.91+-0.93 PCI/L	ENV. LAB.
1	TOTAL RADIUM	2.58+-0.25 PCI/L	ENV. LAB.
0	TOTAL RADIUM	0.90+-0.40 PCI/L	M. A.
0	TOTAL RADIUM	1.21+-0.48 PCI/L	ENV. LAB.
1	TRITIUM	15.50+-0.40 PCI/ML	ENV. LAB.
2	TRITIUM	26.00+-1.00 PCI/ML	M. A.
2	TRITIUM	21.90+-0.54 PCI/ML	ENV. LAB.

WELL BGO 20

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/12/88 TIME 1020  
 DEPTH TO WATER = 58.72 FT ( 17.90 M) BELOW THE TOC  
 WATER ELEVATION = 238.18 FT ( 72.60 M) MSL  
 PH = 4.3 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 46 UMHOS/CM  
 WATER TEMPERATURE = 20.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 66 GAL

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	53.60 UMHOS	ENV. ENG.
0	SPECIFIC CONDUCTANCE	49.70 UMHOS	ENV. ENG.
0	SPECIFIC CONDUCTANCE	49.40 UMHOS	ENV. ENG.
0	SPECIFIC CONDUCTANCE	50.20 UMHOS	ENV. ENG.
0	SPECIFIC CONDUCTANCE	47.90 UMHOS	ENV. ENG.
0	PH	4.76 PH	ENV. ENG.
0	PH	4.32 PH	ENV. ENG.
0	PH	4.33 PH	ENV. ENG.
0	PH	4.30 PH	ENV. ENG.
0	PH	4.28 PH	ENV. ENG.
0	TURBIDITY	0.81 NTU	ENV. ENG.
0	SILVER	LT	ENV. ENG.
0	ARSENIC	LT	ENV. ENG.
0	BARIUM	23 UG/L	ENV. ENG.
0	CALCIUM	1280 UG/L	ENV. ENG.
0	CADMIUM	2 UG/L	ENV. ENG.
0	CHLORIDE	3000 UG/L	ENV. ENG.
0	CHROMIUM	LT	ENV. ENG.
0	ENDRIN	LT	ENV. ENG.
0	ENDRIN	LT	ENV. ENG.
0	FLUORIDE	LT	ENV. ENG.
0	IRON	LT	ENV. ENG.
2	MERCURY	21 UG/L	ENV. ENG.
0	POTASSIUM	2.86 UG/L	ENV. ENG.
0	LINDANE	LT	ENV. ENG.
0	LINDANE	LT	ENV. ENG.
0	METHOXYCHLOR	LT	ENV. ENG.
0	METHOXYCHLOR	LT	ENV. ENG.
0	MAGNESIUM	LT	ENV. ENG.
0	MANGANESE	1060 UG/L	ENV. ENG.
0	SODIUM	4 UG/L	ENV. ENG.
1	NITRATE AS NITROGEN	2530 UG/L	ENV. ENG.
0	LEAD	3230 UG/L	ENV. ENG.
0	PHENOL	LT	ENV. ENG.
0	SELENIUM	LT	ENV. ENG.
1	SILICA	3290 UG/L	ENV. ENG.
0	SILVEX	LT	ENV. ENG.
0	SULFATE	LT	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	62000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	64000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	ENV. ENG.
2	TOTAL ORGANIC HALOGENS	88 UG/L	ENV. ENG.
1	TOTAL ORGANIC HALOGENS	18 UG/L	ENV. ENG.
2	TOTAL ORGANIC HALOGENS	91 UG/L	ENV. ENG.
2	TOTAL ORGANIC HALOGENS	63 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	20 UG/L	ENV. ENG.
0	TOXAPHENE	LT	ENV. ENG.
0	TOXAPHENE	LT	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	ENV. ENG.
0	GROSS ALPHA	3.06+-0.95 PCI/L	ENV. LAB.
0	GROSS ALPHA	2.56+-0.89 PCI/L	ENV. LAB.
0	NONVOLATILE BETA	1.98+-0.87 PCI/L	ENV. LAB.
0	NONVOLATILE BETA	2.01+-0.87 PCI/L	ENV. LAB.
0	TOTAL RADIUM	0.96+-0.44 PCI/L	ENV. LAB.
0	TOTAL RADIUM	0.84+-0.42 PCI/L	ENV. LAB.
2	TRITIUM	21.30+-0.53 PCI/ML	ENV. LAB.
1	TRITIUM	10.70+-0.27 PCI/ML	ENV. LAB.

WELL BGO 30

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/23/88 TIME 950  
 DEPTH TO WATER = 56.92 FT ( 17.35 M) BELOW THE TOC  
 WATER ELEVATION = 235.78 FT ( 71.87 M) MSL  
 PH = 4.1 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 47 UMHOS/CM  
 WATER TEMPERATURE = 14.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 4 GAL  
 THE WELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	47.70 UMHOS	ENV. ENG.
0	SPECIFIC CONDUCTANCE	44.00 UMHOS	ENV. ENG.
0	SPECIFIC CONDUCTANCE	48.40 UMHOS	ENV. ENG.
0	SPECIFIC CONDUCTANCE	47.90 UMHOS	ENV. ENG.
0	PH	4.68 PH	ENV. ENG.
0	PH	4.71 PH	ENV. ENG.
0	PH	4.35 PH	ENV. ENG.
0	PH	4.66 PH	ENV. ENG.
0	TURBIDITY	1 NTU	ENV. ENG.
0	SILVER	LT	ENV. ENG.
0	ARSENIC	LT	ENV. ENG.
0	BARIUM	7 UG/L	ENV. ENG.
0	CALCIUM	302 UG/L	ENV. ENG.
0	CADMIUM	LT	ENV. ENG.
0	CHLORIDE	3600 UG/L	ENV. ENG.
0	CHROMIUM	LT	ENV. ENG.
0	ENDRIN	LT	ENV. ENG.
0	ENDRIN	LT	ENV. ENG.
0	FLUORIDE	LT	ENV. ENG.
0	IRON	LT	ENV. ENG.
0	MERCURY	28 UG/L	ENV. ENG.
0	POTASSIUM	0.30 UG/L	ENV. ENG.
0	LINDANE	LT	ENV. ENG.
0	LINDANE	LT	ENV. ENG.
0	METHOXYCHLOR	LT	ENV. ENG.
0	METHOXYCHLOR	LT	ENV. ENG.
0	MAGNESIUM	LT	ENV. ENG.
0	MANGANESE	302 UG/L	ENV. ENG.
0	SODIUM	18 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	4650 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	2440 UG/L	ENV. ENG.
0	LEAD	2460 UG/L	ENV. ENG.
0	PHENOL	LT	ENV. ENG.
0	SELENIUM	LT	ENV. ENG.
1	SILICA	2 UG/L	ENV. ENG.
0	SILVEX	5800 UG/L	ENV. ENG.
0	SULFATE	LT	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	5000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	ENV. ENG.
0	TOXAPHENE	LT	ENV. ENG.
0	TOXAPHENE	LT	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	ENV. ENG.
0	GROSS ALPHA	3.16+-0.94 PCI/L	ENV. LAB.
0	NONVOLATILE BETA	3.68+-0.95 PCI/L	ENV. LAB.
0	TOTAL RADIUM	0.48+-0.38 PCI/L	ENV. LAB.
2	TRITIUM	31.20+-0.55 PCI/ML	ENV. LAB.

WELL BGO 40

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/19/88 TIME 1600  
 DEPTH TO WATER = 65.27 FT ( 19.89 M) BELOW THE TOC  
 WATER ELEVATION = 232.23 FT ( 70.78 M) MSL  
 PH = 5.7 ALKALINITY = 16 MG/L  
 SPECIFIC CONDUCTANCE = 60 UMHOS/CM  
 WATER TEMPERATURE = 21.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 29 GAL

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	326.0 UMHOS	ENV. ENG.
0	SPECIFIC CONDUCTANCE	61.30 UMHOS	ENV. ENG.
0	SPECIFIC CONDUCTANCE	59.10 UMHOS	ENV. ENG.
0	SPECIFIC CONDUCTANCE	80.00 UMHOS	ENV. ENG.
0	SPECIFIC CONDUCTANCE	65.00 UMHOS	ENV. ENG.
0	PH	4.93 PH	ENV. ENG.
0	PH	6.33 PH	ENV. ENG.
0	PH	6.21 PH	ENV. ENG.
0	PH	6.27 PH	ENV. ENG.
0	PH	6.29 PH	ENV. ENG.
0	TURBIDITY	0.19 NTU	ENV. ENG.
0	SILVER	LT	ENV. ENG.
0	SILVER	LT	ENV. ENG.
0	ARSENIC	LT	ENV. ENG.
0	ARSENIC	LT	ENV. ENG.
0	BARIUM	LT	ENV. ENG.
0	CALCIUM	7 UG/L	ENV. ENG.
0	CADMIUM	7280 UG/L	ENV. ENG.
0	CHLORIDE	LT	ENV. ENG.
0	CHROMIUM	2500 UG/L	ENV. ENG.
0	ENDRIN	LT	ENV. ENG.
0	ENDRIN	LT	ENV. ENG.
0	FLUORIDE	LT	ENV. ENG.
0	IRON	LT	ENV. ENG.

CONTINUED

WELL BGO 40 COLLECTED ON 10/19/88 LABORATORY ANALYSES CONTINUED

0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	POTASSIUM	LT	500 UG/L	ENV. ENG.
0	LINDANE	LT	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0	MAGNESIUM	LT	0.50 UG/L	ENV. ENG.
0	MANGANESE		195 UG/L	ENV. ENG.
0	SODIUM		16 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		2360 UG/L	ENV. ENG.
0	LEAD	LT	1250 UG/L	ENV. ENG.
0	PHENOL	LT	6 UG/L	ENV. ENG.
0	SELENIUM	LT	5 UG/L	ENV. ENG.
1	SILICA	LT	2 UG/L	ENV. ENG.
0	SILVEX	LT	7000 UG/L	ENV. ENG.
0	SULFATE	LT	0.09 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	LT	5000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	62000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	9600 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
1	TOTAL ORGANIC HALOGENS	LT	21 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	10 UG/L	ENV. ENG.
2	TOTAL ORGANIC HALOGENS	LT	33 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L	ENV. ENG.
0	GROSS ALPHA		1.25+-0.79 PCI/L	RAD. MEAS.
0	GROSS ALPHA		1.62+-0.85 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		1.88+-0.85 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		2.85+-0.91 PCI/L	RAD. MEAS.
0	TOTAL RADIUM		0.40+-0.29 PCI/L	RAD. MEAS.
0	TOTAL RADIUM		0.36+-0.25 PCI/L	RAD. MEAS.
2	TRITIUM		69.80+-0.78 PCI/ML	RAD. MEAS.
2	TRITIUM		69.40+-0.78 PCI/ML	RAD. MEAS.

WELL BGO 50

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/23/88 TIME 1025  
 DEPTH TO WATER = 80.79 FT ( 24.63 M) BELOW THE TOC  
 WATER ELEVATION = 215.31 FT ( 65.63 M) MSL  
 PH = 6.6 ALKALINITY = 21 MG/L  
 SPECIFIC CONDUCTANCE = 95 UMHOS/CM  
 WATER TEMPERATURE = 18.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 16 GAL  
 THE WELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		118.0 UMHOS	ENV. ENG.
1	SPECIFIC CONDUCTANCE		103.0 UMHOS	ENV. ENG.
1	SPECIFIC CONDUCTANCE		119.0 UMHOS	ENV. ENG.
1	SPECIFIC CONDUCTANCE		110.0 UMHOS	ENV. ENG.
1	PH		7.30 PH	ENV. ENG.
1	PH		7.56 PH	ENV. ENG.
1	PH		7.46 PH	ENV. ENG.
1	PH		7.20 PH	ENV. ENG.
0	TURBIDITY		14 NTU	ENV. ENG.
0	TURBIDITY		19 NTU	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		16 UG/L	ENV. ENG.
0	CALCIUM		7810 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		2400 UG/L	ENV. ENG.
1	CHROMIUM		8 UG/L	ENV. ENG.
0	ENDRIN	LT	0.10 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	IRON		28 UG/L	ENV. ENG.
0	MERCURY		0.36 UG/L	ENV. ENG.
0	POTASSIUM		916 UG/L	ENV. ENG.
0	LINDANE	LT	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0	MAGNESIUM		341 UG/L	ENV. ENG.
0	MANGANESE		10 UG/L	ENV. ENG.
0	SODIUM		2350 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	LT	800 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		13800 UG/L	ENV. ENG.
0	SILVEX	LT	0.09 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	LT	92000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
1	TOTAL PHOSPHATES	LT	610 UG/L	ENV. ENG.
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L	ENV. ENG.
0	GROSS ALPHA		3 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		2.51+-0.93 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT	1 PCI/L	RAD. MEAS.
0	TRITIUM		8.88+-0.34 PCI/ML	RAD. MEAS.

WELL BGO 50

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/23/88 TIME 1045  
 DEPTH TO WATER = 64.54 FT ( 19.67 M) BELOW THE TOC  
 WATER ELEVATION = 231.76 FT ( 70.64 M) MSL  
 PH = 4.7 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 40 UMHOS/CM  
 WATER TEMPERATURE = 20.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 6 GAL  
 THE WELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		43.50 UMHOS	ENV. ENG.
0	SPECIFIC CONDUCTANCE		42.40 UMHOS	ENV. ENG.
0	SPECIFIC CONDUCTANCE	LT	10.00 UMHOS	ENV. ENG.
0	SPECIFIC CONDUCTANCE	LT	10.00 UMHOS	ENV. ENG.
0	SPECIFIC CONDUCTANCE	LT	10.00 UMHOS	ENV. ENG.
0	PH		5.19 PH	ENV. ENG.
0	PH		5.21 PH	ENV. ENG.
0	PH		5.00 PH	ENV. ENG.
0	PH		5.12 PH	ENV. ENG.
0	PH		4.99 PH	ENV. ENG.
0	TURBIDITY		0.46 NTU	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		49 UG/L	ENV. ENG.
0	CALCIUM		1020 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		3300 UG/L	ENV. ENG.
0	CHLORIDE		3600 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	ENDRIN	LT	0.10 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	IRON		94 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	POTASSIUM	LT	0.20 UG/L	ENV. ENG.
0	LINDANE	LT	500 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.05 UG/L	ENV. ENG.
0	MAGNESIUM		0.50 UG/L	ENV. ENG.
1	MANGANESE		1070 UG/L	ENV. ENG.
0	SODIUM		44 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		2550 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		1840 UG/L	ENV. ENG.
0	LEAD		1880 UG/L	ENV. ENG.
0	PHENOL		8 UG/L	ENV. ENG.
0	SELENIUM	LT	5 UG/L	ENV. ENG.
1	SILICA	LT	2 UG/L	ENV. ENG.
0	SILVEX		3500 UG/L	ENV. ENG.
0	SULFATE	LT	0.09 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	LT	2000000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L	ENV. ENG.
1	GROSS ALPHA		1.81+-0.93 PCI/L	HP, 735A
0	GROSS ALPHA		6.46+-1.28 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		5.04+-1.85 PCI/L	HP, 735A
0	NONVOLATILE BETA		4.30+-1.03 PCI/L	RAD. MEAS.
1	TOTAL RADIUM		3.72+-0.84 PCI/L	RAD. MEAS.
2	TRITIUM		72.80+-1.25 PCI/ML	HP, 735A
2	TRITIUM		113+-1.89 PCI/ML	RAD. MEAS.

WELL BGO 6A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/22/88 TIME 1500  
 DEPTH TO WATER = 127.29 FT ( 38.80 M) BELOW THE TOC  
 WATER ELEVATION = 158.31 FT ( 48.25 M) MSL  
 PH = 7.1 ALKALINITY = 136 MG/L  
 SPECIFIC CONDUCTANCE = 300 UMHOS/CM  
 WATER TEMPERATURE = 19.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 147 GAL

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		301.0 UMHOS	ENV. ENG.
1	SPECIFIC CONDUCTANCE		310.0 UMHOS	ENV. ENG.
1	SPECIFIC CONDUCTANCE		322.0 UMHOS	ENV. ENG.
1	SPECIFIC CONDUCTANCE		282.0 UMHOS	ENV. ENG.
1	PH		7.79 PH	ENV. ENG.
1	PH		7.81 PH	ENV. ENG.
1	PH		7.85 PH	ENV. ENG.
1	PH		7.64 PH	ENV. ENG.
0	TURBIDITY		0.10 NTU	ENV. ENG.
0	TURBIDITY		0.11 NTU	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		38 UG/L	ENV. ENG.
1	CALCIUM		56600 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		3100 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	ENDRIN	LT	0.10 UG/L	ENV. ENG.

CONTINUED

WELL BGO 6A COLLECTED ON 10/22/88 LABORATORY ANALYSES CONTINUED

0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	IRON		42 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	POTASSIUM		1060 UG/L	ENV. ENG.
0	LINDANE	LT	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0	MAGNESIUM		1070 UG/L	ENV. ENG.
0	MANGANESE		6 UG/L	ENV. ENG.
0	SODIUM		2390 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		60 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		43800 UG/L	ENV. ENG.
0	SILVEX	LT	0.09 UG/L	ENV. ENG.
0	SILVEX	LT	0.09 UG/L	ENV. ENG.
1	SULFATE		10000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		236000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		120 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		120 UG/L	ENV. ENG.
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L	ENV. ENG.
0	GROSS ALPHA		1.52+-1.17 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		3.67+-1.30 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT	1 PCI/L	RAD. MEAS.
0	TRITIUM	LT	0.70 PCI/ML	RAD. MEAS.

WELL BGO 6C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/29/88 TIME 1135  
 DEPTH TO WATER = 66.57 FT ( 20.29 M) BELOW THE TOC  
 WATER ELEVATION = 219.03 FT ( 66.76 M) MSL  
 PH = 7.3 ALKALINITY = 74 MG/L  
 SPECIFIC CONDUCTANCE = 148 UMHOS/CM  
 WATER TEMPERATURE = 19.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 174 GAL

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		160.0 UMHOS	ENV. ENG.
1	SPECIFIC CONDUCTANCE		162.0 UMHOS	ENV. ENG.
1	SPECIFIC CONDUCTANCE		160.0 UMHOS	ENV. ENG.
1	SPECIFIC CONDUCTANCE		159.0 UMHOS	ENV. ENG.
1	SPECIFIC CONDUCTANCE		160.0 UMHOS	ENV. ENG.
1	PH		7.51 PH	ENV. ENG.
1	PH		7.31 PH	ENV. ENG.
1	PH		7.30 PH	ENV. ENG.
1	PH		7.33 PH	ENV. ENG.
1	PH		7.18 PH	ENV. ENG.
0	TURBIDITY		0.15 NTU	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		16 UG/L	ENV. ENG.
1	CALCIUM		28700 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		2400 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	ENDORIN	LT	0.10 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	IRON	LT	20 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	POTASSIUM		739 UG/L	ENV. ENG.
0	LINDANE	LT	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0	MAGNESIUM		485 UG/L	ENV. ENG.
0	MANGANESE	LT	2 UG/L	ENV. ENG.
0	SODIUM		3140 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		1110 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		1190 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		4950 UG/L	ENV. ENG.
0	SILVEX	LT	0.09 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		152000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		110 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		110 UG/L	ENV. ENG.
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L	ENV. ENG.
0	GROSS ALPHA		-0.05+-0.33 PCI/L	HP, 735A
0	GROSS ALPHA		1.04+-0.85 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		0.55+-0.71 PCI/L	HP, 735A
0	NONVOLATILE BETA		0.88+-0.82 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT	1 PCI/L	RAD. MEAS.

CONTINUED

WELL BGO 6C COLLECTED ON 10/29/88 LABORATORY ANALYSES CONTINUED

2	TRITIUM		2340+-6.75 PCI/ML HP, 735A
2	TRITIUM		2420+-52.2 PCI/ML RAD. MEAS.

WELL BGO 6D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/23/88 TIME 1120  
 DEPTH TO WATER = 53.67 FT ( 16.36 M) BELOW THE TOC  
 WATER ELEVATION = 231.83 FT ( 70.66 M) MSL  
 PH = 6.3 ALKALINITY = 30 MG/L  
 SPECIFIC CONDUCTANCE = 122 UMHOS/CM  
 WATER TEMPERATURE = 19.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 7 GAL  
 THE WELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		152.0 UHMC	ENV. ENG.
1	SPECIFIC CONDUCTANCE		150.0 UHMC	ENV. ENG.
1	SPECIFIC CONDUCTANCE		127.0 UHMC	ENV. ENG.
1	SPECIFIC CONDUCTANCE		137.0 UHMC	ENV. ENG.
1	SPECIFIC CONDUCTANCE		146.0 UHMC	ENV. ENG.
1	PH		7.25 PH	ENV. ENG.
1	PH		7.27 PH	ENV. ENG.
1	PH		6.92 PH	ENV. ENG.
1	PH		6.94 PH	ENV. ENG.
1	PH		7.16 PH	ENV. ENG.
0	TURBIDITY		0.06 NTU	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		21 UG/L	ENV. ENG.
1	CALCIUM		13000 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		2600 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	ENDORIN	LT	0.10 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	IRON		35 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	POTASSIUM		1300 UG/L	ENV. ENG.
0	LINDANE	LT	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0	MAGNESIUM		550 UG/L	ENV. ENG.
2	MANGANESE		53 UG/L	ENV. ENG.
0	SODIUM		2330 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		640 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		3850 UG/L	ENV. ENG.
0	SILVEX	LT	0.09 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		170000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	8 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L	ENV. ENG.
0	GROSS ALPHA		0.64+-0.60 PCI/L	HP, 735A
0	GROSS ALPHA		3.16+-1.13 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		2.94+-1.61 PCI/L	HP, 735A
0	NONVOLATILE BETA		3.61+-1.02 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT	1 PCI/L	RAD. MEAS.
2	TRITIUM		2490+-4.89 PCI/ML	HP, 735A
2	TRITIUM		1854+-41.1 PCI/ML	RAD. MEAS.

WELL BGO 7D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/20/88 TIME 1155  
 DEPTH TO WATER = 51.01 FT ( 15.55 M) BELOW THE TOC  
 WATER ELEVATION = 231.39 FT ( 70.53 M) MSL  
 PH = 4.9 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 33 UMHOS/CM  
 WATER TEMPERATURE = 19.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 72 GAL

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		30.00 UMHOS	ENV. LAB.
0	SPECIFIC CONDUCTANCE		29.40 UMHOS	W. A.
0	SPECIFIC CONDUCTANCE		40.30 UMHOS	ENV. ENG.
0	SPECIFIC CONDUCTANCE		42.90 UMHOS	ENV. ENG.
0	SPECIFIC CONDUCTANCE		43.10 UMHOS	ENV. ENG.
0	SPECIFIC CONDUCTANCE		36.10 UMHOS	ENV. ENG.
0	SPECIFIC CONDUCTANCE		37.70 UMHOS	ENV. ENG.
0	PH		4.90 PH	ENV. LAB.
0	PH		5.00 PH	W. A.
0	PH		4.64 PH	ENV. ENG.
0	PH		4.65 PH	ENV. ENG.
0	PH		4.70 PH	ENV. ENG.
0	PH		4.81 PH	ENV. ENG.
0	PH		4.74 PH	ENV. ENG.
0	TURBIDITY	LT	1 NTU	ENV. LAB.
0	TURBIDITY		0.76 NTU	W. A.
0	TURBIDITY		0.72 NTU	W. A.
0	TURBIDITY		0.09 NTU	ENV. ENG.
0	SILVER	LT	10 UG/L	ENV. LAB.

CONTINUED



## WELL BGO 7D COLLECTED ON 11/20/88 LABORATORY ANALYSES CONTINUED

0 SILVER	LT	10 UG/L	M. A.
0 SILVER	LT	2 UG/L	ENV. ENG.
0 ALUMINUM	LT	200 UG/L	M. A.
0 ARSENIC	LT	10 UG/L	ENV. LAB.
0 ARSENIC	LT	5 UG/L	M. A.
0 ARSENIC	LT	2 UG/L	ENV. ENG.
0 BARIUM	LT	100 UG/L	ENV. LAB.
0 BARIUM	LT	200 UG/L	M. A.
0 BARIUM	LT	13 UG/L	ENV. ENG.
0 BERYLLIUM	LT	5 UG/L	M. A.
0 BROMODICHLOROMETHANE	LT	10 UG/L	ENV. LAB.
0 BROMODICHLOROMETHANE	LT	5 UG/L	M. A.
0 BROMODICHLOROMETHANE	LT	5 UG/L	M. A.
0 BROMODICHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0 CALCIUM	LT	930 UG/L	ENV. LAB.
0 CALCIUM	LT	5000 UG/L	M. A.
0 CALCIUM	LT	1240 UG/L	ENV. ENG.
0 DICHLORODIFLUOROMETHANE	LT	10 UG/L	M. A.
0 DICHLORODIFLUOROMETHANE	LT	10 UG/L	M. A.
0 TRICHLOROFLUOROMETHANE	LT	10 UG/L	ENV. LAB.
0 TRICHLOROFLUOROMETHANE	LT	5 UG/L	M. A.
0 TRICHLOROFLUOROMETHANE	LT	5 UG/L	M. A.
0 TRICHLOROFLUOROMETHANE	LT	5 UG/L	M. A.
0 CARBON TETRACHLORIDE	LT	10.0 UG/L	ENV. ENG.
0 CARBON TETRACHLORIDE	LT	5.00 UG/L	M. A.
0 CARBON TETRACHLORIDE	LT	5.00 UG/L	M. A.
0 CARBON TETRACHLORIDE	LT	5.00 UG/L	ENV. ENG.
0 CADMIUM	LT	10 UG/L	ENV. LAB.
0 CADMIUM	LT	5 UG/L	M. A.
0 CADMIUM	LT	2 UG/L	ENV. ENG.
0 BROMOFORM	LT	10 UG/L	ENV. LAB.
0 BROMOFORM	LT	5 UG/L	M. A.
0 BROMOFORM	LT	5 UG/L	M. A.
0 BROMOFORM	LT	10 UG/L	ENV. ENG.
0 CHLOROFORM	LT	10 UG/L	ENV. LAB.
0 CHLOROFORM	LT	5 UG/L	M. A.
0 CHLOROFORM	LT	5 UG/L	M. A.
0 CHLOROFORM	LT	5 UG/L	ENV. ENG.
0 METHYLENE CHLORIDE	LT	10 UG/L	ENV. LAB.
0 METHYLENE CHLORIDE	LT	5 UG/L	M. A.
1 METHYLENE CHLORIDE	B	12 UG/L	M. A.
0 METHYLENE CHLORIDE	LT	5 UG/L	ENV. ENG.
0 BROMOMETHANE	LT	10 UG/L	ENV. LAB.
0 BROMOMETHANE	LT	10 UG/L	M. A.
0 BROMOMETHANE	LT	10 UG/L	M. A.
0 BROMOMETHANE	LT	10 UG/L	ENV. ENG.
0 CHLOROMETHANE	LT	10 UG/L	ENV. LAB.
0 CHLOROMETHANE	LT	10 UG/L	M. A.
0 CHLOROMETHANE	LT	10 UG/L	M. A.
0 CHLOROMETHANE	LT	10 UG/L	ENV. ENG.
0 CHLORIDE	LT	4000 UG/L	ENV. LAB.
0 CHLORIDE	LT	2800 UG/L	M. A.
0 CHLORIDE	LT	3800 UG/L	ENV. ENG.
0 CHLOROBENZENE	LT	10 UG/L	ENV. LAB.
0 CHLOROBENZENE	LT	5 UG/L	M. A.
0 CHLOROBENZENE	LT	50 UG/L	ENV. ENG.
0 CHLOROBENZENE	LT	50 UG/L	ENV. LAB.
0 CHROMIUM	LT	10 UG/L	M. A.
0 CHROMIUM	LT	4 UG/L	ENV. ENG.
0 COPPER	LT	25 UG/L	M. A.
0 CHLOROETHENE	LT	10 UG/L	ENV. LAB.
0 CHLOROETHENE	LT	10 UG/L	M. A.
0 CHLOROETHENE	LT	10 UG/L	M. A.
0 CHLOROETHENE	LT	10 UG/L	ENV. ENG.
0 CHLOROETHENE	LT	10 UG/L	ENV. LAB.
0 CHLOROETHANE	LT	10 UG/L	M. A.
0 CHLOROETHANE	LT	10 UG/L	M. A.
0 CHLOROETHANE	LT	10 UG/L	ENV. ENG.
0 BENZENE	LT	10 UG/L	ENV. LAB.
0 BENZENE	LT	5 UG/L	M. A.
1 BENZENE	LT	7 UG/L	ENV. ENG.
0 DIBROMOCHLOROMETHANE	LT	10 UG/L	ENV. LAB.
0 DIBROMOCHLOROMETHANE	LT	5 UG/L	M. A.
0 DIBROMOCHLOROMETHANE	LT	5 UG/L	M. A.
0 DIBROMOCHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0 ENDRIIN	LT	0.10 UG/L	ENV. LAB.
0 ENDRIIN	LT	0.10 UG/L	M. A.
0 ENDRIIN	LT	0.10 UG/L	ENV. ENG.
0 ETHYLBENZENE	LT	10 UG/L	ENV. LAB.
0 ETHYLBENZENE	LT	5 UG/L	M. A.
0 ETHYLBENZENE	LT	5 UG/L	M. A.
0 ETHYLBENZENE	LT	5 UG/L	ENV. ENG.
0 FLUORIDE	LT	100 UG/L	ENV. LAB.
0 FLUORIDE	LT	100 UG/L	M. A.
0 FLUORIDE	LT	100 UG/L	ENV. ENG.
0 IRON	LT	100 UG/L	ENV. LAB.
0 IRON	LT	100 UG/L	M. A.
0 IRON	LT	20 UG/L	ENV. ENG.
0 MERCURY	LT	0.50 UG/L	ENV. LAB.
0 MERCURY	LT	0.20 UG/L	M. A.
1 MERCURY	LT	0.52 UG/L	ENV. ENG.
0 POTASSIUM	LT	1000 UG/L	ENV. LAB.
0 POTASSIUM	LT	5000 UG/L	M. A.
0 POTASSIUM	LT	500 UG/L	ENV. ENG.
0 LINDANE	LT	0.10 UG/L	ENV. LAB.
0 LINDANE	LT	0.05 UG/L	M. A.
0 LINDANE	LT	0.05 UG/L	ENV. ENG.
0 TOLUENE	LT	10 UG/L	ENV. LAB.
0 TOLUENE	LT	5 UG/L	M. A.
0 TOLUENE	LT	5 UG/L	ENV. ENG.
0 METHOXYCHLOR	LT	0.20 UG/L	ENV. LAB.
0 METHOXYCHLOR	LT	0.50 UG/L	M. A.
0 METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0 MAGNESIUM	LT	580 UG/L	ENV. LAB.
0 MAGNESIUM	LT	5000 UG/L	M. A.
0 MAGNESIUM	LT	630 UG/L	ENV. ENG.
0 MANGANESE	LT	20 UG/L	ENV. LAB.
0 MANGANESE	LT	19 UG/L	M. A.

CONTINUED

## WELL BGO 7D COLLECTED ON 11/20/88 LABORATORY ANALYSES CONTINUED

0 MANGANESE		21 UG/L	ENV. ENG.
0 SODIUM	LT	5000 UG/L	ENV. LAB.
0 SODIUM	LT	5000 UG/L	M. A.
0 SODIUM	LT	2700 UG/L	ENV. ENG.
0 NICKEL	LT	40 UG/L	M. A.
0 NITRATE AS NITROGEN	LT	100 UG/L	M. A.
0 NITRATE AS NITROGEN		2000 UG/L	ENV. LAB.
0 NITRATE AS NITROGEN		1400 UG/L	M. A.
0 NITRATE AS NITROGEN		1590 UG/L	ENV. ENG.
0 LEAD	LT	10 UG/L	ENV. LAB.
0 LEAD	LT	5 UG/L	M. A.
0 PHENOL	LT	6 UG/L	ENV. ENG.
0 PHENOL	LT	5 UG/L	ENV. LAB.
0 PHENOL	LT	5 UG/L	M. A.
0 ANTIMONY	LT	5 UG/L	ENV. ENG.
0 SELENIUM	LT	60 UG/L	M. A.
0 SELENIUM	LT	10 UG/L	ENV. LAB.
0 SELENIUM	LT	5 UG/L	M. A.
1 SILICA	LT	2 UG/L	ENV. ENG.
1 SILICA		8700 UG/L	ENV. LAB.
1 SILICA		2590 UG/L	M. A.
0 SILVEX	LT	3860 UG/L	ENV. ENG.
0 SILVEX	LT	0.10 UG/L	ENV. LAB.
0 SILVEX	LT	0.50 UG/L	M. A.
0 TIN	LT	0.09 UG/L	ENV. ENG.
0 SULFATE	LT	100 UG/L	M. A.
0 SULFATE	LT	5000 UG/L	ENV. LAB.
0 SULFATE	LT	5000 UG/L	M. A.
0 1,1,2,2-TETRACHLOROETHANE	LT	5000 UG/L	ENV. ENG.
0 1,1,2,2-TETRACHLOROETHANE	LT	10 UG/L	ENV. LAB.
0 1,1,2,2-TETRACHLOROETHANE	LT	5 UG/L	M. A.
0 1,1,2,2-TETRACHLOROETHANE	LT	5 UG/L	M. A.
2 TETRACHLOROETHYLENE	LT	10 UG/L	ENV. ENG.
2 TETRACHLOROETHYLENE		21.0 UG/L	ENV. LAB.
2 TETRACHLOROETHYLENE		12.0 UG/L	M. A.
2 TETRACHLOROETHYLENE		13.0 UG/L	M. A.
2 TETRACHLOROETHYLENE		24.0 UG/L	ENV. ENG.
0 TOTAL DISSOLVED SOLIDS		44000 UG/L	ENV. LAB.
0 TOTAL DISSOLVED SOLIDS		36000 UG/L	M. A.
0 TOTAL DISSOLVED SOLIDS		49000 UG/L	ENV. ENG.
0 TOTAL ORGANIC CARBON	LT	5000 UG/L	ENV. LAB.
0 TOTAL ORGANIC CARBON	LT	500 UG/L	M. A.
0 TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0 TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. LAB.
0 TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0 TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. LAB.
2 TOTAL ORGANIC HALOGENS	LT	27 UG/L	ENV. ENG.
2 TOTAL ORGANIC HALOGENS		5 UG/L	M. A.
2 TOTAL ORGANIC HALOGENS		77 UG/L	ENV. LAB.
2 TOTAL ORGANIC HALOGENS		71 UG/L	ENV. ENG.
2 TOTAL ORGANIC HALOGENS		58 UG/L	ENV. LAB.
2 TOTAL ORGANIC HALOGENS		79 UG/L	ENV. ENG.
0 TOTAL PHOSPHATES		10 UG/L	ENV. LAB.
0 TOTAL PHOSPHATES	LT	20 UG/L	M. A.
0 TOTAL PHOSPHATES	LT	30 UG/L	ENV. ENG.
2 TRICHLOROETHYLENE		86.0 UG/L	ENV. LAB.
2 TRICHLOROETHYLENE		60.0 UG/L	M. A.
2 TRICHLOROETHYLENE		89.0 UG/L	ENV. ENG.
0 TOXAPHENE	LT	0.50 UG/L	ENV. LAB.
0 TOXAPHENE	LT	1 UG/L	M. A.
0 TOXAPHENE	LT	1 UG/L	ENV. ENG.
0 TRANS-1,2-DICHLOROETHENE	LT	10 UG/L	ENV. LAB.
0 TRANS-1,2-DICHLOROETHENE	LT	5 UG/L	M. A.
0 TRANS-1,2-DICHLOROETHENE	LT	5 UG/L	M. A.
0 TRANS-1,2-DICHLOROETHENE	LT	5 UG/L	ENV. ENG.
0 URANIUM	LT	1000 UG/L	M. A.
0 1,1-DICHLOROETHYLENE	LT	10 UG/L	ENV. LAB.
0 1,1-DICHLOROETHYLENE	LT	5 UG/L	M. A.
0 1,1-DICHLOROETHYLENE	LT	5 UG/L	ENV. ENG.
0 1,1-DICHLOROETHANE	LT	10 UG/L	ENV. LAB.
0 1,1-DICHLOROETHANE	LT	5 UG/L	M. A.
0 1,1-DICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0 1,1,1-TRICHLOROETHANE	LT	10 UG/L	ENV. LAB.
0 1,1,1-TRICHLOROETHANE	LT	5 UG/L	M. A.
0 1,1,1-TRICHLOROETHANE	LT	5 UG/L	M. A.
0 1,1,1-TRICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0 1,1,2-TRICHLOROETHANE	LT	10 UG/L	ENV. LAB.
0 1,1,2-TRICHLOROETHANE	LT	5 UG/L	M. A.
0 1,1,2-TRICHLOROETHANE	LT	5 UG/L	M. A.
0 1,1,2-TRICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0 1,2-DICHLOROBENZENE	LT	10 UG/L	ENV. LAB.
0 1,2-DICHLOROBENZENE	LT	5 UG/L	M. A.
0 1,2-DICHLOROBENZENE	LT	5 UG/L	M. A.
0 1,2-DICHLOROBENZENE	LT	10 UG/L	ENV. LAB.
0 1,2-DICHLOROBENZENE	LT	5 UG/L	M. A.
0 1,2-DICHLOROBENZENE	LT	5 UG/L	M. A.
0 1,2-DICHLOROBENZENE	LT	1 UG/L	ENV. ENG.
0 1,2-DICHLOROPROPANE	LT	10 UG/L	ENV. LAB.
0 1,2-DICHLOROPROPANE	LT	5 UG/L	M. A.
0 1,2-DICHLOROPROPANE	LT	5 UG/L	M. A.
0 1,2-DICHLOROPROPANE	LT	10 UG/L	ENV. ENG.
0 1,3-DICHLOROBENZENE	LT	10 UG/L	ENV. LAB.
0 1,3-DICHLOROBENZENE	LT	5 UG/L	M. A.
0 CIS-1,3-DICHLOROPROPENE	LT	10 UG/L	ENV. LAB.
0 CIS-1,3-DICHLOROPROPENE	LT	5 UG/L	M. A.
0 CIS-1,3-DICHLOROPROPENE	LT	5 UG/L	M. A.
0 CIS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0 TRANS-1,3-DICHLOROPROPENE	LT	10 UG/L	ENV. LAB.
0 TRANS-1,3-DICHLOROPROPENE	LT	5 UG/L	M. A.
0 TRANS-1,3-DICHLOROPROPENE	LT	5 UG/L	M. A.
0 TRANS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0 1,4-DICHLOROBENZENE	LT	10 UG/L	ENV. LAB.
0 1,4-DICHLOROBENZENE	LT	5 UG/L	M. A.
0 1,4-DICHLOROBENZENE	LT	5 UG/L	M. A.
0 2-CHLOROETHYL VINYL ETHER	LT	10 UG/L	ENV. LAB.
0 2-CHLOROETHYL VINYL ETHER	LT	5 UG/L	M. A.

CONTINUED

WELL BGO 70 COLLECTED ON 11/20/88 LABORATORY ANALYSES CONTINUED

0	2-CHLOROETHYL VINYL ETHER	LT	5 UG/L	W. A.
0	2-CHLOROETHYL VINYL ETHER	LT	10 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.50 UG/L	ENV. LAB.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	1 UG/L	W. A.
1	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.75 UG/L	ENV. ENG.
0	2,4,5-TRICHLOROPHENOXYACETIC ACID	LT	0.50 UG/L	W. A.
0	ZINC	LT	20 UG/L	W. A.
0	GROSS ALPHA		2.00+-0.70 PCI/L	ENV. LAB.
0	GROSS ALPHA		0.00+-0.40 PCI/L	W. A.
0	GROSS ALPHA		2.60+-0.77 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		2.30+-0.80 PCI/L	ENV. LAB.
0	NONVOLATILE BETA		0.00+-5.00 PCI/L	W. A.
0	NONVOLATILE BETA		1.77+-0.89 PCI/L	RAD. MEAS.
0	TOTAL RADIUM		0.80+-0.08 PCI/L	ENV. LAB.
0	TOTAL RADIUM		0.80+-0.40 PCI/L	W. A.
0	TOTAL RADIUM		0.69+-0.43 PCI/L	RAD. MEAS.
2	TRITIUM		32.10+-0.60 PCI/ML	ENV. LAB.
2	TRITIUM		70.00+-2.00 PCI/ML	W. A.
2	TRITIUM		46.80+-1.05 PCI/ML	RAD. MEAS.

WELL BGO 70

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/20/88 TIME 1155  
 DEPTH TO WATER = 51.01 FT ( 15.55 M) BELOW THE TOC  
 WATER ELEVATION = 231.39 FT ( 70.53 M) MSL  
 PH = 4.9 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 33 UMHOS/CM  
 WATER TEMPERATURE = 19.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 72 GAL

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		39.00 UMHG	ENV. ENG.
0	SPECIFIC CONDUCTANCE		39.20 UMHG	ENV. ENG.
0	SPECIFIC CONDUCTANCE		39.80 UMHG	ENV. ENG.
0	SPECIFIC CONDUCTANCE		41.70 UMHG	ENV. ENG.
0	PH		4.63 PH	ENV. ENG.
0	PH		4.77 PH	ENV. ENG.
0	PH		4.77 PH	ENV. ENG.
0	PH		4.75 PH	ENV. ENG.
0	TURBIDITY		0.09 NTU	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIIUM		9 UG/L	ENV. ENG.
0	BROMODICHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0	CALCIUM		777 UG/L	ENV. ENG.
0	TRICHLOROFLUOROMETHANE	LT	5 UG/L	ENV. ENG.
0	CARBON TETRACHLORIDE	LT	5.00 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	BROMOFORM	LT	10 UG/L	ENV. ENG.
0	CHLOROFORM	LT	5 UG/L	ENV. ENG.
0	METHYLENE CHLORIDE	LT	5 UG/L	ENV. ENG.
0	BROMOMETHANE	LT	10 UG/L	ENV. ENG.
0	CHLOROMETHANE	LT	10 UG/L	ENV. ENG.
0	CHLORIDE		3100 UG/L	ENV. ENG.
0	CHLOROBENZENE	LT	5 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	CHLOROETHENE	LT	10 UG/L	ENV. ENG.
0	CHLOROETHANE	LT	10 UG/L	ENV. ENG.
0	BENZENE	LT	5 UG/L	ENV. ENG.
0	DIBROMOCHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0	ENDRIN	LT	0.10 UG/L	ENV. ENG.
0	ENDRIN	LT	0.10 UG/L	ENV. ENG.
0	ETHYLBENZENE	LT	5 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	IRON	LT	20 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	POTASSIUM	LT	500 UG/L	ENV. ENG.
0	LINDANE	LT	0.05 UG/L	ENV. ENG.
0	LINDANE	LT	0.05 UG/L	ENV. ENG.
0	TOLUENE	LT	5 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0	MAGNESIUM		496 UG/L	ENV. ENG.
0	MANGANESE		17 UG/L	ENV. ENG.
0	SODIUM		2230 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		1590 UG/L	ENV. ENG.
0	LEAD	LT	4 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		3780 UG/L	ENV. ENG.
0	SILVEX	LT	0.09 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	1,1,2,2-TETRACHLOROETHANE	LT	10 UG/L	ENV. ENG.
2	TETRACHLOROETHYLENE		17.0 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		51000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
2	TOTAL ORGANIC HALOGENS		72 UG/L	ENV. ENG.
2	TOTAL ORGANIC HALOGENS		74 UG/L	ENV. ENG.
2	TOTAL ORGANIC HALOGENS		80 UG/L	ENV. ENG.
2	TOTAL ORGANIC HALOGENS		68 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		30 UG/L	ENV. ENG.
2	TRICHLOROETHYLENE		76.0 UG/L	ENV. ENG.
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	TRANS-1,2-DICHLOROETHENE	LT	5 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	5 UG/L	ENV. ENG.
0	1,1-DICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,1,1-TRICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,1,2-TRICHLOROETHANE	LT	5 UG/L	ENV. ENG.

CONTINUED

WELL BGO 70 COLLECTED ON 11/20/88 LABORATORY ANALYSES CONTINUED

0	1,2-DICHLOROETHANE	LT	1 UG/L	ENV. ENG.
0	1,2-DICHLOROPROPANE	LT	10 UG/L	ENV. ENG.
0	CIS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0	TRANS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0	2-CHLOROETHYL VINYL ETHER	LT	10 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L	ENV. ENG.
0	GROSS ALPHA		3.16+-0.84 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		1.89+-0.89 PCI/L	RAD. MEAS.
0	TOTAL RADIUM		0.88+-0.46 PCI/L	RAD. MEAS.
2	TRITIUM		47.90+-1.07 PCI/ML	RAD. MEAS.

WELL BGO 8A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/23/88 TIME 1150  
 DEPTH TO WATER = 121.85 FT ( 37.14 M) BELOW THE TOC  
 WATER ELEVATION = 161.35 FT ( 49.18 M) MSL  
 PH = 11.8 ALKALINITY = 105 MG/L  
 SPECIFIC CONDUCTANCE = 4100 UMHOS/CM  
 WATER TEMPERATURE = 20.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 29 GAL  
 THE WELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		286.0 UMHG	ENV. ENG.
1	SPECIFIC CONDUCTANCE		672.0 UMHG	ENV. ENG.
1	SPECIFIC CONDUCTANCE		275.0 UMHG	ENV. ENG.
1	SPECIFIC CONDUCTANCE		409.0 UMHG	ENV. ENG.
2	PH		11.2 PH	ENV. ENG.
2	PH		11.7 PH	ENV. ENG.
2	PH		12.1 PH	ENV. ENG.
2	PH		10.8 PH	ENV. ENG.
0	TURBIDITY		0.18 NTU	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
1	BARIIUM		157 UG/L	ENV. ENG.
1	CALCIUM		33500 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		2500 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	ENDRIN	LT	0.10 UG/L	ENV. ENG.
0	FLUORIDE		130 UG/L	ENV. ENG.
0	IRON		142 UG/L	ENV. ENG.
0	MERCURY		0.30 UG/L	ENV. ENG.
1	POTASSIUM		19500 UG/L	ENV. ENG.
0	LINDANE	LT	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0	MAGNESIUM		215 UG/L	ENV. ENG.
0	MANGANESE		3 UG/L	ENV. ENG.
1	SODIUM		14600 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	LT	50 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
1	PHENOL		101 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		51000 UG/L	ENV. ENG.
0	SILVEX	LT	0.09 UG/L	ENV. ENG.
1	SULFATE		15300 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		224000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		100 UG/L	ENV. ENG.
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L	ENV. ENG.
0	GROSS ALPHA		132+-18.5 PCI/L	RAD. MEAS.
2	NONVOLATILE BETA		3.53+-0.91 PCI/L	RAD. MEAS.
1	TOTAL RADIUM		3.53+-0.91 PCI/L	RAD. MEAS.
0	TRITIUM	LT	0.70 PCI/ML	RAD. MEAS.

WELL BGO 8C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/19/88 TIME 1725  
 DEPTH TO WATER = 60.99 FT ( 18.59 M) BELOW THE TOC  
 WATER ELEVATION = 222.31 FT ( 67.76 M) MSL  
 PH = 6.6 ALKALINITY = 45 MG/L  
 SPECIFIC CONDUCTANCE = 119 UMHOS/CM  
 WATER TEMPERATURE = 19.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 151 GAL

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		118.0 UMHG	ENV. ENG.
1	SPECIFIC CONDUCTANCE		121.0 UMHG	ENV. ENG.
1	SPECIFIC CONDUCTANCE		120.0 UMHG	ENV. ENG.
1	SPECIFIC CONDUCTANCE		131.0 UMHG	ENV. ENG.
1	PH		7.48 PH	ENV. ENG.
1	PH		7.16 PH	ENV. ENG.
1	PH		7.16 PH	ENV. ENG.
1	PH		7.11 PH	ENV. ENG.
1	PH		7.32 PH	ENV. ENG.
0	TURBIDITY		0.09 NTU	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.

CONTINUED

WELL BGO 8C COLLECTED ON 10/19/88 LABORATORY ANALYSES CONTINUED

0	BARIUM		18 UG/L	ENV.	ENG.
0	BARIUM		20 UG/L	ENV.	ENG.
1	CALCIUM		11100 UG/L	ENV.	ENG.
1	CALCIUM		13300 UG/L	ENV.	ENG.
0	CADMIUM	LT	2 UG/L	ENV.	ENG.
0	CADMIUM	LT	2 UG/L	ENV.	ENG.
0	CHLORIDE		3900 UG/L	ENV.	ENG.
0	CHROMIUM	LT	4 UG/L	ENV.	ENG.
0	CHROMIUM	LT	4 UG/L	ENV.	ENG.
0	ENDRIN	LT	0.10 UG/L	ENV.	ENG.
0	FLUORIDE	LT	100 UG/L	ENV.	ENG.
0	FLUORIDE	LT	100 UG/L	ENV.	ENG.
0	IRON		23 UG/L	ENV.	ENG.
0	IRON	LT	20 UG/L	ENV.	ENG.
0	MERCURY	LT	0.20 UG/L	ENV.	ENG.
1	POTASSIUM		5540 UG/L	ENV.	ENG.
1	POTASSIUM		4070 UG/L	ENV.	ENG.
0	LINDANE	LT	0.05 UG/L	ENV.	ENG.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV.	ENG.
0	MAGNESIUM		349 UG/L	ENV.	ENG.
0	MAGNESIUM		376 UG/L	ENV.	ENG.
0	MANGANESE	LT	2 UG/L	ENV.	ENG.
0	MANGANESE	LT	2 UG/L	ENV.	ENG.
1	SODIUM		5640 UG/L	ENV.	ENG.
1	SODIUM		6160 UG/L	ENV.	ENG.
0	NITRATE AS NITROGEN		880 UG/L	ENV.	ENG.
0	LEAD	LT	6 UG/L	ENV.	ENG.
0	LEAD	LT	6 UG/L	ENV.	ENG.
0	PHENOL	LT	5 UG/L	ENV.	ENG.
0	SELENIUM	LT	2 UG/L	ENV.	ENG.
1	SILICA		9600 UG/L	ENV.	ENG.
0	SILVEX	LT	0.09 UG/L	ENV.	ENG.
0	SULFATE		5300 UG/L	ENV.	ENG.
0	TOTAL DISSOLVED SOLIDS		96000 UG/L	ENV.	ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV.	ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV.	ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV.	ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV.	ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV.	ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV.	ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV.	ENG.
0	TOTAL ORGANIC HALOGENS	LT	6 UG/L	ENV.	ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV.	ENG.
0	TOTAL PHOSPHATES		170 UG/L	ENV.	ENG.
0	TOTAL PHOSPHATES		180 UG/L	ENV.	ENG.
0	TOXAPHENE	LT	1 UG/L	ENV.	ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L	ENV.	ENG.
0	GROSS ALPHA		1.08+-0.91 PCI/L	RAD.	MEAS.
0	NONVOLATILE BETA		4.56+-1.01 PCI/L	RAD.	MEAS.
0	TOTAL RADIUM		0.49+-0.31 PCI/ML	RAD.	MEAS.
0	TRITIUM	LT	0.70 PCI/ML	RAD.	MEAS.

WELL BGO 8D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/19/88 TIME 1705  
 DEPTH TO WATER = 51.72 FT ( 15.76 M) BELOW THE TOC  
 WATER ELEVATION = 231.48 FT ( 70.56 M) MSL  
 PH = 4.2 ALKALINITY = 2 MG/L  
 SPECIFIC CONDUCTANCE = 29 UMHOS/CM  
 WATER TEMPERATURE = 20.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 54 GAL

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		34.90 UMHG	ENV.	ENG.
0	SPECIFIC CONDUCTANCE		31.80 UMHG	ENV.	ENG.
0	SPECIFIC CONDUCTANCE		29.80 UMHG	ENV.	ENG.
0	SPECIFIC CONDUCTANCE		36.00 UMHG	ENV.	ENG.
0	PH		5.09 PH	ENV.	ENG.
0	PH		5.14 PH	ENV.	ENG.
0	PH		5.16 PH	ENV.	ENG.
0	PH		5.31 PH	ENV.	ENG.
0	TURBIDITY		0.11 NTU	ENV.	ENG.
0	SILVER	LT	2 UG/L	ENV.	ENG.
0	ARSENIC	LT	2 UG/L	ENV.	ENG.
0	BARIUM		11 UG/L	ENV.	ENG.
0	CALCIUM		1150 UG/L	ENV.	ENG.
0	CADMIUM	LT	2 UG/L	ENV.	ENG.
0	CHLORIDE		2700 UG/L	ENV.	ENG.
0	CHROMIUM	LT	4 UG/L	ENV.	ENG.
0	ENDRIN	LT	0.10 UG/L	ENV.	ENG.
0	FLUORIDE	LT	100 UG/L	ENV.	ENG.
0	IRON	LT	20 UG/L	ENV.	ENG.
0	MERCURY	LT	0.20 UG/L	ENV.	ENG.
0	POTASSIUM	LT	500 UG/L	ENV.	ENG.
0	LINDANE	LT	0.05 UG/L	ENV.	ENG.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV.	ENG.
0	MAGNESIUM		391 UG/L	ENV.	ENG.
0	MANGANESE		18 UG/L	ENV.	ENG.
0	SODIUM		2280 UG/L	ENV.	ENG.
0	NITRATE AS NITROGEN		2000 UG/L	ENV.	ENG.
0	LEAD	LT	6 UG/L	ENV.	ENG.
0	PHENOL	LT	5 UG/L	ENV.	ENG.
0	SELENIUM	LT	2 UG/L	ENV.	ENG.
1	SILICA		6900 UG/L	ENV.	ENG.
0	SILVEX	LT	0.09 UG/L	ENV.	ENG.
0	SULFATE	LT	5000 UG/L	ENV.	ENG.
0	TOTAL DISSOLVED SOLIDS		48000 UG/L	ENV.	ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV.	ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV.	ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV.	ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV.	ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV.	ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV.	ENG.
0	TOTAL ORGANIC HALOGENS		6 UG/L	ENV.	ENG.

CONTINUED

WELL BGO 8D COLLECTED ON 10/19/88 LABORATORY ANALYSES CONTINUED

1	TOTAL ORGANIC HALOGENS		10 UG/L	ENV.	ENG.
0	TOTAL ORGANIC HALOGENS		8 UG/L	ENV.	ENG.
1	TOTAL ORGANIC HALOGENS		10 UG/L	ENV.	ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV.	ENG.
0	TOXAPHENE	LT	1 UG/L	ENV.	ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L	ENV.	ENG.
0	GROSS ALPHA		1.89+-0.82 PCI/L	RAD.	MEAS.
0	NONVOLATILE BETA		2.23+-0.84 PCI/L	RAD.	MEAS.
0	TOTAL RADIUM		0.71+-0.38 PCI/L	RAD.	MEAS.
1	TRITIUM		13.30+-0.40 PCI/ML	RAD.	MEAS.

WELL BGO 9D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/22/88 TIME 1255  
 DEPTH TO WATER = 53.93 FT ( 16.44 M) BELOW THE TOC  
 WATER ELEVATION = 231.17 FT ( 70.46 M) MSL  
 PH = 4.8 ALKALINITY = 3 MG/L  
 SPECIFIC CONDUCTANCE = 38 UMHOS/CM  
 WATER TEMPERATURE = 21.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 72 GAL

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		57.00 UMHG	ENV.	ENG.
0	SPECIFIC CONDUCTANCE		44.00 UMHG	ENV.	ENG.
0	SPECIFIC CONDUCTANCE		44.00 UMHG	ENV.	ENG.
0	SPECIFIC CONDUCTANCE		52.00 UMHG	ENV.	ENG.
0	SPECIFIC CONDUCTANCE		68.00 UMHG	ENV.	ENG.
0	PH		6.10 PH	ENV.	ENG.
0	PH		6.02 PH	ENV.	ENG.
0	PH		5.25 PH	ENV.	ENG.
0	PH		5.25 PH	ENV.	ENG.
0	PH		5.66 PH	ENV.	ENG.
0	TURBIDITY		0.11 NTU	ENV.	ENG.
0	SILVER	LT	2 UG/L	ENV.	ENG.
0	ARSENIC	LT	2 UG/L	ENV.	ENG.
0	BARIUM		14 UG/L	ENV.	ENG.
0	CALCIUM		1430 UG/L	ENV.	ENG.
0	CADMIUM	LT	2 UG/L	ENV.	ENG.
0	CHLORIDE		2600 UG/L	ENV.	ENG.
0	CHROMIUM	LT	4 UG/L	ENV.	ENG.
0	ENDRIN	LT	0.10 UG/L	ENV.	ENG.
0	FLUORIDE	LT	100 UG/L	ENV.	ENG.
0	IRON	LT	20 UG/L	ENV.	ENG.
0	MERCURY	LT	0.20 UG/L	ENV.	ENG.
0	MERCURY	LT	0.20 UG/L	ENV.	ENG.
0	POTASSIUM	LT	500 UG/L	ENV.	ENG.
0	LINDANE	LT	0.05 UG/L	ENV.	ENG.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV.	ENG.
0	MAGNESIUM		433 UG/L	ENV.	ENG.
2	MANGANESE		58 UG/L	ENV.	ENG.
0	SODIUM		3590 UG/L	ENV.	ENG.
0	NITRATE AS NITROGEN		1940 UG/L	ENV.	ENG.
0	LEAD	LT	6 UG/L	ENV.	ENG.
0	PHENOL	LT	5 UG/L	ENV.	ENG.
0	SELENIUM	LT	2 UG/L	ENV.	ENG.
0	SELENIUM	LT	2 UG/L	ENV.	ENG.
1	SILICA		7700 UG/L	ENV.	ENG.
1	SILICA		7800 UG/L	ENV.	ENG.
0	SILVEX	LT	0.09 UG/L	ENV.	ENG.
0	SULFATE	LT	5000 UG/L	ENV.	ENG.
0	TOTAL DISSOLVED SOLIDS		62000 UG/L	ENV.	ENG.
0	TOTAL DISSOLVED SOLIDS		50000 UG/L	ENV.	ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV.	ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV.	ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV.	ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV.	ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV.	ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV.	ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV.	ENG.
0	TOTAL ORGANIC HALOGENS	LT	6 UG/L	ENV.	ENG.
0	TOTAL ORGANIC HALOGENS	LT	6 UG/L	ENV.	ENG.
0	TOTAL ORGANIC HALOGENS	LT	6 UG/L	ENV.	ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV.	ENG.
0	TOXAPHENE	LT	1 UG/L	ENV.	ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L	ENV.	ENG.
0	GROSS ALPHA		1.01+-0.63 PCI/L	RAD.	MEAS.
0	NONVOLATILE BETA		2.05+-0.84 PCI/L	RAD.	MEAS.
0	TOTAL RADIUM		1 PCI/L	RAD.	MEAS.
2	TRITIUM		82.50+-0.84 PCI/ML	RAD.	MEAS.

WELL BGO 10A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/23/88 TIME 1310  
 DEPTH TO WATER = 132.12 FT ( 40.27 M) BELOW THE TOC  
 WATER ELEVATION = 168.78 FT ( 51.44 M) MSL  
 PH = 7.5 ALKALINITY = 140 MG/L  
 SPECIFIC CONDUCTANCE = 245 UMHOS/CM  
 WATER TEMPERATURE = 19.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 36 GAL  
 THE WELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		231.0 UMHG	ENV.	ENG.
1	SPECIFIC CONDUCTANCE		229.0 UMHG	ENV.	ENG.
1	SPECIFIC CONDUCTANCE		261.0 UMHG	ENV.	ENG.
1	SPECIFIC CONDUCTANCE		216.0 UMHG	ENV.	ENG.
2	PH		8.06 PH	ENV.	ENG.
2	PH		8.10 PH	ENV.	ENG.

CONTINUED

WELL BGO 10A COLLECTED ON 10/23/88 LABORATORY ANALYSES CONTINUED

2	PH		8.18	PH	ENV. ENG.
1	PH		7.88	PH	ENV. ENG.
0	TURBIDITY		0.12	NTU	ENV. ENG.
0	SILVER	LT	2	UG/L	ENV. ENG.
0	ARSENIC	LT	2	UG/L	ENV. ENG.
0	BARIUM		14	UG/L	ENV. ENG.
1	CALCIUM		70000	UG/L	ENV. ENG.
0	CADMIUM	LT	2	UG/L	ENV. ENG.
0	CHLORIDE		2900	UG/L	ENV. ENG.
0	CHLORIDE		2800	UG/L	ENV. ENG.
0	CHROMIUM	LT	4	UG/L	ENV. ENG.
0	ENDRIN	LT	0.10	UG/L	ENV. ENG.
0	FLUORIDE	LT	100	UG/L	ENV. ENG.
0	IRON		64	UG/L	ENV. ENG.
0	MERCURY	LT	0.20	UG/L	ENV. ENG.
0	POTASSIUM		1180	UG/L	ENV. ENG.
0	LINDANE	LT	0.05	UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.50	UG/L	ENV. ENG.
0	MAGNESIUM		1280	UG/L	ENV. ENG.
0	MANGANESE		7	UG/L	ENV. ENG.
0	SODIUM		2160	UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		50	UG/L	ENV. ENG.
0	LEAD	LT	6	UG/L	ENV. ENG.
0	PHENOL	LT	5	UG/L	ENV. ENG.
0	SELENIUM	LT	2	UG/L	ENV. ENG.
1	SILICA		75700	UG/L	ENV. ENG.
0	SILVEX	LT	0.09	UG/L	ENV. ENG.
1	SULFATE		23800	UG/L	ENV. ENG.
1	SULFATE		23500	UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		224000	UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000	UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000	UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000	UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000	UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5	UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5	UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5	UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5	UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		100	UG/L	ENV. ENG.
0	TOXAPHENE	LT	1	UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.50	UG/L	ENV. ENG.
0	GROSS ALPHA	LT	3	PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		3.59+-1.38	PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT	1	PCI/L	RAD. MEAS.
0	TRITIUM	LT	0.70	PCI/ML	RAD. MEAS.

WELL BGO 10C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/23/88 TIME 1330  
 DEPTH TO WATER = 82.07 FT ( 25.02 M) BELOW THE TOC  
 WATER ELEVATION = 219.23 FT ( 66.82 M) MSL  
 PH = 10.4 ALKALINITY = 105 MG/L  
 SPECIFIC CONDUCTANCE = 164 UMHOS/CM  
 WATER TEMPERATURE = 19.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 36 GAL  
 THE WELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		222.0	UMHC	ENV. ENG.
1	SPECIFIC CONDUCTANCE		225.0	UMHC	ENV. ENG.
1	SPECIFIC CONDUCTANCE		232.0	UMHC	ENV. ENG.
1	SPECIFIC CONDUCTANCE		237.0	UMHC	ENV. ENG.
1	SPECIFIC CONDUCTANCE		238.0	UMHC	ENV. ENG.
1	SPECIFIC CONDUCTANCE		237.0	UMHC	ENV. ENG.
2	PH		8.03	PH	ENV. ENG.
2	PH		8.01	PH	ENV. ENG.
2	PH		8.20	PH	ENV. ENG.
1	PH		7.90	PH	ENV. ENG.
0	TURBIDITY		7.85	PH	ENV. ENG.
0	SILVER	LT	0.28	NTU	ENV. ENG.
0	ARSENIC	LT	2	UG/L	ENV. ENG.
0	BARIUM		2	UG/L	ENV. ENG.
1	CALCIUM		59	UG/L	ENV. ENG.
0	CADMIUM	LT	41200	UG/L	ENV. ENG.
0	CHLORIDE		2	UG/L	ENV. ENG.
0	CHROMIUM	LT	2500	UG/L	ENV. ENG.
0	ENDRIN	LT	4	UG/L	ENV. ENG.
0	FLUORIDE	LT	0.10	UG/L	ENV. ENG.
0	IRON	LT	100	UG/L	ENV. ENG.
0	MERCURY	LT	20	UG/L	ENV. ENG.
0	POTASSIUM	LT	0.20	UG/L	ENV. ENG.
0	LINDANE		1040	UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.05	UG/L	ENV. ENG.
0	MAGNESIUM	LT	0.50	UG/L	ENV. ENG.
0	MANGANESE		1200	UG/L	ENV. ENG.
0	MANGANESE		8	UG/L	ENV. ENG.
1	SODIUM		9000	UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		320	UG/L	ENV. ENG.
0	LEAD	LT	6	UG/L	ENV. ENG.
0	PHENOL	LT	5	UG/L	ENV. ENG.
0	SELENIUM	LT	2	UG/L	ENV. ENG.
1	SILICA		22200	UG/L	ENV. ENG.
0	SILVEX	LT	0.45	UG/L	ENV. ENG.
0	SULFATE		8010	UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		200000	UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000	UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000	UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000	UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000	UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5	UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5	UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5	UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5	UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5	UG/L	ENV. ENG.

CONTINUED

WELL BGO 10C COLLECTED ON 10/23/88 LABORATORY ANALYSES CONTINUED

0	TOTAL PHOSPHATES		70	UG/L	ENV. ENG.
0	TOXAPHENE	LT	1	UG/L	ENV. ENG.
1	2,4-DICHLOROPHENOXYACETIC ACID		14	UG/L	ENV. ENG.
0	GROSS ALPHA		2.02+-1.17	PCI/L	RAD. MEAS.
0	GROSS ALPHA		1.69+-1.13	PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		3.41+-1.00	PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		3.16+-0.99	PCI/L	RAD. MEAS.
0	TOTAL RADIUM		1.18+-0.54	PCI/L	RAD. MEAS.
0	TOTAL RADIUM		0.80+-0.48	PCI/L	RAD. MEAS.
0	TRITIUM	LT	0.70	PCI/ML	RAD. MEAS.
0	TRITIUM	LT	0.70	PCI/ML	RAD. MEAS.

WELL BGO 10D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/22/88 TIME 1630  
 THE WELL WAS DRY.

WELL BGO 11D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/22/88 TIME 1345  
 DEPTH TO WATER = 74.59 FT ( 22.74 M) BELOW THE TOC  
 WATER ELEVATION = 230.71 FT ( 70.32 M) MSL  
 PH = 4.3 ALKALINITY = 2 MG/L  
 SPECIFIC CONDUCTANCE = 35 UMHOS/CM  
 WATER TEMPERATURE = 20.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 52 GAL

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		62.00	UMHC	ENV. ENG.
0	SPECIFIC CONDUCTANCE		35.70	UMHC	ENV. ENG.
0	SPECIFIC CONDUCTANCE		46.20	UMHC	ENV. ENG.
0	SPECIFIC CONDUCTANCE		39.20	UMHC	ENV. ENG.
0	PH		5.23	PH	ENV. ENG.
0	PH		5.22	PH	ENV. ENG.
0	PH		5.25	PH	ENV. ENG.
0	PH		5.12	PH	ENV. ENG.
0	TURBIDITY		0.37	NTU	ENV. ENG.
0	SILVER	LT	2	UG/L	ENV. ENG.
0	ARSENIC	LT	2	UG/L	ENV. ENG.
0	BARIUM		7	UG/L	ENV. ENG.
0	CALCIUM		1010	UG/L	ENV. ENG.
0	CADMIUM	LT	2	UG/L	ENV. ENG.
0	CHLORIDE		3100	UG/L	ENV. ENG.
0	CHROMIUM	LT	4	UG/L	ENV. ENG.
0	ENDRIN	LT	0.10	UG/L	ENV. ENG.
0	FLUORIDE	LT	100	UG/L	ENV. ENG.
0	IRON	LT	20	UG/L	ENV. ENG.
0	MERCURY	LT	0.20	UG/L	ENV. ENG.
0	POTASSIUM	LT	500	UG/L	ENV. ENG.
0	LINDANE	LT	0.05	UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.50	UG/L	ENV. ENG.
0	MAGNESIUM		464	UG/L	ENV. ENG.
0	MANGANESE		18	UG/L	ENV. ENG.
0	SODIUM		2830	UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		2040	UG/L	ENV. ENG.
0	LEAD	LT	6	UG/L	ENV. ENG.
0	PHENOL	LT	5	UG/L	ENV. ENG.
0	SELENIUM	LT	2	UG/L	ENV. ENG.
1	SILICA		6700	UG/L	ENV. ENG.
0	SILVEX	LT	0.09	UG/L	ENV. ENG.
0	SULFATE	LT	5000	UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		48000	UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000	UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000	UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000	UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000	UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5	UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5	UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5	UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5	UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20	UG/L	ENV. ENG.
0	TOXAPHENE	LT	1	UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30	UG/L	ENV. ENG.
0	GROSS ALPHA		4.65+-1.16	PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		3.78+-0.99	PCI/L	RAD. MEAS.
0	TOTAL RADIUM		1.18+-0.51	PCI/L	RAD. MEAS.
0	TRITIUM		6.07+-0.30	PCI/ML	RAD. MEAS.

## WELL BGO 12A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/23/88 TIME 1420  
 DEPTH TO WATER = 129.97 FT ( 39.62 M) BELOW THE TOC  
 WATER ELEVATION = 183.43 FT ( 55.91 M) MSL  
 PH = 7.0 ALKALINITY = 53 MG/L  
 SPECIFIC CONDUCTANCE = 152 UMHS/CM  
 WATER TEMPERATURE = 19.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 36 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	194.0 UMHC	ENV. ENG.
1	SPECIFIC CONDUCTANCE	166.0 UMHC	ENV. ENG.
1	SPECIFIC CONDUCTANCE	165.0 UMHC	ENV. ENG.
1	SPECIFIC CONDUCTANCE	174.0 UMHC	ENV. ENG.
1	SPECIFIC CONDUCTANCE	157.0 UMHC	ENV. ENG.
1	SPECIFIC CONDUCTANCE	157.0 UMHC	ENV. ENG.
1	PH	7.07 PH	ENV. ENG.
1	PH	7.21 PH	ENV. ENG.
1	PH	7.22 PH	ENV. ENG.
1	PH	7.24 PH	ENV. ENG.
1	PH	7.28 PH	ENV. ENG.
1	PH	7.28 PH	ENV. ENG.
0	TURBIDITY	0.17 NTU	ENV. ENG.
0	SILVER	2 UG/L	ENV. ENG.
0	ARSENIC	2 UG/L	ENV. ENG.
1	BARIUM	73 UG/L	ENV. ENG.
1	CALCIUM	27100 UG/L	ENV. ENG.
0	CADMIUM	2 UG/L	ENV. ENG.
0	CHLORIDE	2500 UG/L	ENV. ENG.
0	CHROMIUM	4 UG/L	ENV. ENG.
0	ENDRIN	0.10 UG/L	ENV. ENG.
0	FLUORIDE	100 UG/L	ENV. ENG.
0	IRON	47 UG/L	ENV. ENG.
0	MERCURY	0.20 UG/L	ENV. ENG.
0	POTASSIUM	1850 UG/L	ENV. ENG.
0	LINDANE	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	0.50 UG/L	ENV. ENG.
0	MAGNESIUM	471 UG/L	ENV. ENG.
0	MANGANESE	6 UG/L	ENV. ENG.
0	SODIUM	2540 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	310 UG/L	ENV. ENG.
0	LEAD	6 UG/L	ENV. ENG.
0	PHENOL	5 UG/L	ENV. ENG.
0	SELENIUM	2 UG/L	ENV. ENG.
1	SILICA	33000 UG/L	ENV. ENG.
0	SILVEX	0.09 UG/L	ENV. ENG.
0	SULFATE	11300 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	82000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	2700 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	6 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	7 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	6 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	70 UG/L	ENV. ENG.
0	TOXAPHENE	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXACETIC ACID	0.30 UG/L	ENV. ENG.
0	GROSS ALPHA	3 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	1.85+-0.91 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	1 PCI/L	RAD. MEAS.
0	TRITIUM	0.70 PCI/ML	RAD. MEAS.

## WELL BGO 12C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/23/88 TIME 1440  
 DEPTH TO WATER = 93.45 FT ( 28.48 M) BELOW THE TOC  
 WATER ELEVATION = 220.15 FT ( 67.10 M) MSL  
 PH = 11.5 ALKALINITY = 296 MG/L  
 SPECIFIC CONDUCTANCE = 5100 UMHS/CM  
 WATER TEMPERATURE = 19.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 37 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	3859 UMHC	ENV. ENG.
1	SPECIFIC CONDUCTANCE	2462 UMHC	ENV. ENG.
1	SPECIFIC CONDUCTANCE	4191 UMHC	ENV. ENG.
1	SPECIFIC CONDUCTANCE	3313 UMHC	ENV. ENG.
2	PH	12.2 PH	ENV. ENG.
2	PH	12.0 PH	ENV. ENG.
2	PH	12.3 PH	ENV. ENG.
2	PH	12.0 PH	ENV. ENG.
0	TURBIDITY	0.24 NTU	ENV. ENG.
0	SILVER	2 UG/L	ENV. ENG.
0	ARSENIC	2 UG/L	ENV. ENG.
1	BARIUM	224 UG/L	ENV. ENG.
1	CALCIUM	50700 UG/L	ENV. ENG.
0	CADMIUM	2 UG/L	ENV. ENG.
0	CHLORIDE	1000 UG/L	ENV. ENG.
1	CHROMIUM	5 UG/L	ENV. ENG.
0	ENDRIN	0.10 UG/L	ENV. ENG.
0	FLUORIDE	240 UG/L	ENV. ENG.
0	IRON	20 UG/L	ENV. ENG.
1	POTASSIUM	0.20 UG/L	ENV. ENG.
0	LINDANE	17500 UG/L	ENV. ENG.
0	METHOXYCHLOR	0.05 UG/L	ENV. ENG.

CONTINUED

## WELL BGO 12C COLLECTED ON 10/23/88 LABORATORY ANALYSES CONTINUED

0	MAGNESIUM	21 UG/L	ENV. ENG.
0	MANGANESE	2 UG/L	ENV. ENG.
1	SODIUM	18600 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	360 UG/L	ENV. ENG.
0	LEAD	6 UG/L	ENV. ENG.
1	PHENOL	46 UG/L	ENV. ENG.
1	PHENOL	49 UG/L	ENV. ENG.
0	SELENIUM	2 UG/L	ENV. ENG.
1	SILICA	4600 UG/L	ENV. ENG.
0	SILVEX	0.09 UG/L	ENV. ENG.
0	SULFATE	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	840000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1100 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1100 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	3000 UG/L	ENV. ENG.
1	TOTAL ORGANIC HALOGENS	14 UG/L	ENV. ENG.
1	TOTAL ORGANIC HALOGENS	14 UG/L	ENV. ENG.
1	TOTAL ORGANIC HALOGENS	12 UG/L	ENV. ENG.
1	TOTAL ORGANIC HALOGENS	11 UG/L	ENV. ENG.
1	TOTAL ORGANIC HALOGENS	13 UG/L	ENV. ENG.
1	TOTAL ORGANIC HALOGENS	12 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	20 UG/L	ENV. ENG.
0	TOXAPHENE	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXACETIC ACID	0.30 UG/L	ENV. ENG.
0	GROSS ALPHA	3 PCI/L	RAD. MEAS.
2	NONVOLATILE BETA	52.40+-14.1 PCI/L	RAD. MEAS.
1	TOTAL RADIUM	3.48+-0.92 PCI/L	RAD. MEAS.
0	TRITIUM	2.17+-0.25 PCI/ML	RAD. MEAS.

## WELL BGO 12D

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/23/88 TIME 1505  
 DEPTH TO WATER = 83.45 FT ( 25.44 M) BELOW THE TOC  
 WATER ELEVATION = 230.25 FT ( 70.18 M) MSL  
 PH = 8.7 ALKALINITY = 29 MG/L  
 SPECIFIC CONDUCTANCE = 107 UMHS/CM  
 WATER TEMPERATURE = 20.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 7 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	92.00 UMHC	ENV. ENG.
0	SPECIFIC CONDUCTANCE	98.10 UMHC	ENV. ENG.
1	SPECIFIC CONDUCTANCE	112.0 UMHC	ENV. ENG.
1	SPECIFIC CONDUCTANCE	106.0 UMHC	ENV. ENG.
2	PH	9.39 PH	ENV. ENG.
2	PH	8.75 PH	ENV. ENG.
2	PH	8.79 PH	ENV. ENG.
2	PH	8.75 PH	ENV. ENG.
0	TURBIDITY	2 NTU	ENV. ENG.
0	SILVER	2 UG/L	ENV. ENG.
0	ARSENIC	2 UG/L	ENV. ENG.
0	BARIUM	44 UG/L	ENV. ENG.
1	CALCIUM	14600 UG/L	ENV. ENG.
0	CADMIUM	2 UG/L	ENV. ENG.
0	CHLORIDE	3400 UG/L	ENV. ENG.
0	CHROMIUM	4 UG/L	ENV. ENG.
0	ENDRIN	0.10 UG/L	ENV. ENG.
0	FLUORIDE	100 UG/L	ENV. ENG.
0	IRON	25 UG/L	ENV. ENG.
0	MERCURY	0.20 UG/L	ENV. ENG.
0	POTASSIUM	2130 UG/L	ENV. ENG.
0	LINDANE	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	0.50 UG/L	ENV. ENG.
0	MAGNESIUM	948 UG/L	ENV. ENG.
0	MANGANESE	10 UG/L	ENV. ENG.
0	SODIUM	3970 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	1700 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	1720 UG/L	ENV. ENG.
0	LEAD	10 UG/L	ENV. ENG.
0	PHENOL	5 UG/L	ENV. ENG.
0	SELENIUM	2 UG/L	ENV. ENG.
1	SILICA	6700 UG/L	ENV. ENG.
0	SILVEX	0.09 UG/L	ENV. ENG.
0	SILVEX	0.09 UG/L	ENV. ENG.
0	SULFATE	6100 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	104000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	2300 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1500 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
2	TOTAL ORGANIC HALOGENS	64 UG/L	ENV. ENG.
2	TOTAL ORGANIC HALOGENS	68 UG/L	ENV. ENG.
2	TOTAL ORGANIC HALOGENS	62 UG/L	ENV. ENG.
2	TOTAL ORGANIC HALOGENS	62 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	40 UG/L	ENV. ENG.
0	TOXAPHENE	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXACETIC ACID	0.30 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXACETIC ACID	0.30 UG/L	ENV. ENG.
0	GROSS ALPHA	1.89+-0.94 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	3.78+-1.01 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	1.16+-0.56 PCI/L	RAD. MEAS.
0	TRITIUM	7.25+-0.31 PCI/ML	RAD. MEAS.

## WELL BGO 130

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/30/88 TIME 835  
 DEPTH TO WATER = 88.95 FT ( 27.11 M) BELOW THE TOC  
 WATER ELEVATION = 229.55 FT ( 69.97 M) MSL  
 PH = 6.4 ALKALINITY = 28 MG/L  
 SPECIFIC CONDUCTANCE = 85 UMHOS/CM  
 WATER TEMPERATURE = 19.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 2 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	88.30 UMHOS	ENV. ENG.
1	PH	6.85 PH	ENV. ENG.
0	TURBIDITY	0.05 NTU	ENV. ENG.
2	SILVER	66 UG/L	ENV. ENG.
0	ARSENIC	2 UG/L	ENV. ENG.
0	BARIUM	13 UG/L	ENV. ENG.
0	CADMIUM	8580 UG/L	ENV. ENG.
0	CADMIUM	2 UG/L	ENV. ENG.
0	CHLORIDE	4700 UG/L	ENV. ENG.
0	CHROMIUM	4 UG/L	ENV. ENG.
0	ENDRIN	0.10 UG/L	ENV. ENG.
0	FLUORIDE	100 UG/L	ENV. ENG.
0	IRON	20 UG/L	ENV. ENG.
0	MERCURY	0.20 UG/L	ENV. ENG.
0	POTASSIUM	2360 UG/L	ENV. ENG.
0	LINDANE	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	0.50 UG/L	ENV. ENG.
0	MAGNESIUM	144 UG/L	ENV. ENG.
1	MANGANESE	32 UG/L	ENV. ENG.
1	SODIUM	5070 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	290 UG/L	ENV. ENG.
0	LEAD	6 UG/L	ENV. ENG.
0	PHENOL	5 UG/L	ENV. ENG.
0	SELENIUM	2 UG/L	ENV. ENG.
1	SILICA	3220 UG/L	ENV. ENG.
0	SILVEX	0.09 UG/L	ENV. ENG.
0	SILVEX	0.09 UG/L	ENV. ENG.
0	SULFATE	5200 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	186000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	178000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1100 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1200 UG/L	ENV. ENG.
2	TOTAL ORGANIC HALOGENS	37 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	20 UG/L	ENV. ENG.
0	TOXAPHENE	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	0.30 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	0.30 UG/L	ENV. ENG.
1	TRITIUM	11.60+-0.38 PCI/ML	RAD. MEAS.

## WELL BGO 14A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/29/88 TIME 1445  
 DEPTH TO WATER = 145.03 FT ( 44.21 M) BELOW THE TOC  
 WATER ELEVATION = 156.87 FT ( 47.81 M) MSL  
 PH = 10.9 ALKALINITY = 568 MG/L  
 SPECIFIC CONDUCTANCE = 3300 UMHOS/CM  
 WATER TEMPERATURE = 20.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 20 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	3150 UMHOS	ENV. ENG.
1	SPECIFIC CONDUCTANCE	2830 UMHOS	ENV. ENG.
1	SPECIFIC CONDUCTANCE	2960 UMHOS	ENV. ENG.
1	SPECIFIC CONDUCTANCE	2960 UMHOS	ENV. ENG.
2	PH	11.8 PH	ENV. ENG.
2	PH	11.8 PH	ENV. ENG.
2	PH	11.9 PH	ENV. ENG.
2	PH	11.8 PH	ENV. ENG.
0	TURBIDITY	0.16 NTU	ENV. ENG.
0	SILVER	2 UG/L	ENV. ENG.
0	ARSENIC	2 UG/L	ENV. ENG.
1	BARIUM	200 UG/L	ENV. ENG.
1	CADMIUM	133000 UG/L	ENV. ENG.
0	CADMIUM	2 UG/L	ENV. ENG.
0	CHLORIDE	3700 UG/L	ENV. ENG.
0	CHROMIUM	4 UG/L	ENV. ENG.
0	ENDRIN	0.10 UG/L	ENV. ENG.
0	FLUORIDE	290 UG/L	ENV. ENG.
0	IRON	20 UG/L	ENV. ENG.
0	MERCURY	0.26 UG/L	ENV. ENG.
1	POTASSIUM	91100 UG/L	ENV. ENG.
0	LINDANE	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	0.50 UG/L	ENV. ENG.
0	MAGNESIUM	13 UG/L	ENV. ENG.
0	MANGANESE	2 UG/L	ENV. ENG.
1	SODIUM	93800 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	80 UG/L	ENV. ENG.
0	LEAD	7 UG/L	ENV. ENG.
1	PHENOL	456 UG/L	ENV. ENG.
0	SELENIUM	2 UG/L	ENV. ENG.
1	SILICA	2820 UG/L	ENV. ENG.
0	SILVEX	0.09 UG/L	ENV. ENG.
1	SULFATE	21500 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	960000 UG/L	ENV. ENG.
1	TOTAL ORGANIC CARBON	6600 UG/L	ENV. ENG.
1	TOTAL ORGANIC CARBON	7200 UG/L	ENV. ENG.
1	TOTAL ORGANIC CARBON	9300 UG/L	ENV. ENG.
1	TOTAL ORGANIC CARBON	9700 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	6 UG/L	ENV. ENG.

CONTINUED

## WELL BGO 14A COLLECTED ON 10/29/88 LABORATORY ANALYSES CONTINUED

0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	6 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L	ENV. ENG.
2	GROSS ALPHA	23.30+-13.3	PCI/L	RAD. MEAS.
2	NONVOLATILE BETA	83.30+-16	PCI/L	RAD. MEAS.
0	TOTAL RADIUM	1.41+-0.55	PCI/L	RAD. MEAS.
0	TRITIUM	LT	0.70 PCI/ML	RAD. MEAS.

## WELL BGO 14C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/29/88 TIME 1420  
 DEPTH TO WATER = 80.17 FT ( 24.44 M) BELOW THE TOC  
 WATER ELEVATION = 221.83 FT ( 67.61 M) MSL  
 PH = 11.3 ALKALINITY = 246 MG/L  
 SPECIFIC CONDUCTANCE = 1160 UMHOS/CM  
 WATER TEMPERATURE = 19.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 15 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		1140 UMHG	ENV. ENG.
1	SPECIFIC CONDUCTANCE		1190 UMHG	ENV. ENG.
1	SPECIFIC CONDUCTANCE		1080 UMHG	ENV. ENG.
1	SPECIFIC CONDUCTANCE		1100 UMHG	ENV. ENG.
1	SPECIFIC CONDUCTANCE		1090 UMHG	ENV. ENG.
2	PH		11.5 PH	ENV. ENG.
2	PH		11.6 PH	ENV. ENG.
2	PH		11.3 PH	ENV. ENG.
2	PH		11.4 PH	ENV. ENG.
2	PH		11.3 PH	ENV. ENG.
0	TURBIDITY		0.25 NTU	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
1	BARIUM		110 UG/L	ENV. ENG.
1	CALCIUM		88600 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		2400 UG/L	ENV. ENG.
1	CHROMIUM		5 UG/L	ENV. ENG.
0	ENDRIN	LT	0.10 UG/L	ENV. ENG.
0	FLUORIDE		110 UG/L	ENV. ENG.
0	IRON	LT	20 UG/L	ENV. ENG.
0	MERCURY		0.26 UG/L	ENV. ENG.
1	POTASSIUM		14000 UG/L	ENV. ENG.
0	LINDANE	LT	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0	MAGNESIUM		114 UG/L	ENV. ENG.
0	MANGANESE		2 UG/L	ENV. ENG.
1	SODIUM		13400 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		1180 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
1	PHENOL		18 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		2730 UG/L	ENV. ENG.
1	SILICA		2740 UG/L	ENV. ENG.
0	SILVEX	LT	0.09 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		446000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
2	TOTAL ORGANIC HALOGENS		96 UG/L	ENV. ENG.
2	TOTAL ORGANIC HALOGENS		116 UG/L	ENV. ENG.
2	TOTAL ORGANIC HALOGENS		52 UG/L	ENV. ENG.
2	TOTAL ORGANIC HALOGENS		211 UG/L	ENV. ENG.
2	TOTAL ORGANIC HALOGENS		82 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L	ENV. ENG.
1	GROSS ALPHA		6.59+-5.24 PC/L	RAD. MEAS.
1	NONVOLATILE BETA		10.10+-6.28 PC/L	RAD. MEAS.
0	TOTAL RADIUM		0.88+-0.48 PC/L	RAD. MEAS.
0	TRITIUM		4.79+-0.29 PC/ML	RAD. MEAS.

## WELL BGO 14D

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/29/88 TIME 1000  
 THE WELL WAS DRY.

## WELL BGO 150

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/29/88 TIME 1240  
 DEPTH TO WATER = 69.77 FT ( 21.27 M) BELOW THE TOC  
 WATER ELEVATION = 228.93 FT ( 69.78 M) MSL  
 PH = 5.5 ALKALINITY = 5 MG/L  
 SPECIFIC CONDUCTANCE = 35 UMHS/CM  
 WATER TEMPERATURE = 20.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 41 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	53.10 UMHC	ENV. ENG.
0	SPECIFIC CONDUCTANCE	41.90 UMHC	ENV. ENG.
0	SPECIFIC CONDUCTANCE	45.90 UMHC	ENV. ENG.
0	SPECIFIC CONDUCTANCE	46.80 UMHC	ENV. ENG.
0	PH	5.93 PH	ENV. ENG.
0	PH	5.91 PH	ENV. ENG.
0	PH	5.52 PH	ENV. ENG.
0	PH	5.73 PH	ENV. ENG.
0	TURBIDITY	0.30 NTU	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
0	BARIUM	7 UG/L	ENV. ENG.
0	BARIUM	8 UG/L	ENV. ENG.
0	CALCIUM	2080 UG/L	ENV. ENG.
0	CALCIUM	2400 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHLORIDE	2400 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	ENDRIN	LT 0.10 UG/L	ENV. ENG.
0	FLUORIDE	LT 100 UG/L	ENV. ENG.
0	IRON	24 UG/L	ENV. ENG.
0	IRON	LT 20 UG/L	ENV. ENG.
0	MERCURY	LT 0.20 UG/L	ENV. ENG.
0	POTASSIUM	LT 500 UG/L	ENV. ENG.
0	POTASSIUM	LT 500 UG/L	ENV. ENG.
0	LINDANE	LT 0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT 0.50 UG/L	ENV. ENG.
0	MAGNESIUM	244 UG/L	ENV. ENG.
0	MAGNESIUM	257 UG/L	ENV. ENG.
0	MANGANESE	6 UG/L	ENV. ENG.
0	MANGANESE	6 UG/L	ENV. ENG.
0	SODIUM	3600 UG/L	ENV. ENG.
0	SODIUM	3540 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	1460 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
1	SILICA	2890 UG/L	ENV. ENG.
0	SILVEX	LT 0.09 UG/L	ENV. ENG.
0	SULFATE	LT 5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	90000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT 7 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT 5 UG/L	ENV. ENG.
1	TOTAL ORGANIC HALOGENS	13 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	8 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	9 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	90 UG/L	ENV. ENG.
0	TOXAPHENE	LT 1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT 0.30 UG/L	ENV. ENG.
0	GROSS ALPHA	0.96+-0.70 PCI/L	HP, 735A
0	GROSS ALPHA	2.42+-0.90 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	2.11+-1.64 PCI/L	HP, 735A
0	NONVOLATILE BETA	1.59+-0.86 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT 1 PCI/L	RAD. MEAS.
2	TRITIUM	104+-1.49 PCI/ML	HP, 735A
2	TRITIUM	104+-1.84 PCI/ML	RAD. MEAS.

## WELL BGO 16A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/02/88 TIME 1330  
 DEPTH TO WATER = 147.03 FT ( 44.82 M) BELOW THE TOC  
 WATER ELEVATION = 157.97 FT ( 48.15 M) MSL  
 PH = 12.2 ALKALINITY = 740 MG/L  
 SPECIFIC CONDUCTANCE = 3600 UMHS/CM  
 WATER TEMPERATURE = 20.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 26 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	2910 UMHC	ENV. ENG.
1	SPECIFIC CONDUCTANCE	3694 UMHC	ENV. ENG.
1	SPECIFIC CONDUCTANCE	3670 UMHC	ENV. ENG.
1	SPECIFIC CONDUCTANCE	3660 UMHC	ENV. ENG.
1	SPECIFIC CONDUCTANCE	3553 UMHC	ENV. ENG.
2	PH	11.9 PH	ENV. ENG.
2	PH	11.6 PH	ENV. ENG.
2	PH	11.7 PH	ENV. ENG.
2	PH	11.7 PH	ENV. ENG.
2	PH	11.7 PH	ENV. ENG.
0	TURBIDITY	0.25 NTU	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
1	BARIUM	314 UG/L	ENV. ENG.
1	CALCIUM	235000 UG/L	ENV. ENG.

CONTINUED

## WELL BGO 16A COLLECTED ON 11/02/88 LABORATORY ANALYSES CONTINUED

0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHLORIDE	LT 1000 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	ENDRIN	LT 0.10 UG/L	ENV. ENG.
0	FLUORIDE	130 UG/L	ENV. ENG.
0	IRON	LT 20 UG/L	ENV. ENG.
0	MERCURY	LT 0.20 UG/L	ENV. ENG.
1	POTASSIUM	63800 UG/L	ENV. ENG.
0	LINDANE	LT 0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT 0.50 UG/L	ENV. ENG.
0	MAGNESIUM	12 UG/L	ENV. ENG.
0	MANGANESE	LT 2 UG/L	ENV. ENG.
1	SODIUM	59200 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	100 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	100 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
1	PHENOL	20 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
1	SILICA	850 UG/L	ENV. ENG.
0	SILVEX	LT 0.09 UG/L	ENV. ENG.
0	SULFATE	5100 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	95000 UG/L	ENV. ENG.
1	TOTAL ORGANIC CARBON	5000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1800 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1800 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	4400 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	3300 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT 5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT 5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT 5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT 5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT 5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT 20 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT 20 UG/L	ENV. ENG.
0	TOXAPHENE	LT 1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT 0.30 UG/L	ENV. ENG.
0	GROSS ALPHA	LT 3 PCI/L	RAD. MEAS.
2	NONVOLATILE BETA	54.50+-14.6 PCI/L	RAD. MEAS.
1	TOTAL RADIUM	3.50+-0.77 PCI/L	RAD. MEAS.
0	TRITIUM	1.03+-0.22 PCI/ML	RAD. MEAS.

## WELL BGO 16D

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/02/88 TIME 1345  
 DEPTH TO WATER = 74.15 FT ( 22.60 M) BELOW THE TOC  
 WATER ELEVATION = 230.45 FT ( 70.24 M) MSL  
 PH = 10.0 ALKALINITY = 154 MG/L  
 SPECIFIC CONDUCTANCE = 420 UMHS/CM  
 WATER TEMPERATURE = 20.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 2 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	350.0 UMHC	ENV. ENG.
2	PH	9.98 PH	ENV. ENG.
0	TURBIDITY	8 NTU	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
0	BARIUM	9 UG/L	ENV. ENG.
0	CALCIUM	3490 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHLORIDE	LT 2500 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	ENDRIN	LT 0.10 UG/L	ENV. ENG.
0	FLUORIDE	LT 100 UG/L	ENV. ENG.
0	IRON	24 UG/L	ENV. ENG.
0	MERCURY	LT 0.20 UG/L	ENV. ENG.
1	POTASSIUM	15000 UG/L	ENV. ENG.
0	LINDANE	LT 0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT 0.50 UG/L	ENV. ENG.
0	MAGNESIUM	216 UG/L	ENV. ENG.
0	MANGANESE	LT 2 UG/L	ENV. ENG.
1	SODIUM	63000 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	80 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
1	PHENOL	17 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
1	SILICA	10900 UG/L	ENV. ENG.
0	SILVEX	LT 0.09 UG/L	ENV. ENG.
1	SULFATE	27300 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	302000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	3100 UG/L	ENV. ENG.
2	TOTAL ORGANIC HALOGENS	45 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	120 UG/L	ENV. ENG.
0	TOXAPHENE	LT 1 UG/L	ENV. ENG.
1	2,4-DICHLOROPHENOXYACETIC ACID	3 UG/L	ENV. ENG.
0	GROSS ALPHA	1.96+-1.58 PCI/L	HP, 735A
0	GROSS ALPHA	LT 3 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	9.50+-13.7 PCI/L	HP, 735A
1	NONVOLATILE BETA	10.20+-2.44 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	0.54+-0.38 PCI/L	RAD. MEAS.
2	TRITIUM	804+-3.93 PCI/ML	HP, 735A
2	TRITIUM	1539+-6.52 PCI/ML	RAD. MEAS.

## WELL B90 170

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/02/88 TIME 1150  
 DEPTH TO WATER = 67.55 FT ( 20.59 M) BELOW THE TOC  
 WATER ELEVATION = 230.75 FT ( 70.33 M) MSL  
 PH = 6.7 ALKALINITY = 28 MG/L  
 SPECIFIC CONDUCTANCE = 80 UMHOS/CM  
 WATER TEMPERATURE = 19.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 87 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	122.0 UMHC	ENV. ENG.
1	SPECIFIC CONDUCTANCE	124.0 UMHC	ENV. ENG.
1	SPECIFIC CONDUCTANCE	126.0 UMHC	ENV. ENG.
1	SPECIFIC CONDUCTANCE	108.0 UMHC	ENV. ENG.
1	SPECIFIC CONDUCTANCE	112.0 UMHC	ENV. ENG.
2	PH	8.45 PH	ENV. ENG.
2	PH	8.38 PH	ENV. ENG.
1	PH	7.31 PH	ENV. ENG.
1	PH	6.98 PH	ENV. ENG.
1	PH	6.84 PH	ENV. ENG.
0	TURBIDITY	4 NTU	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
0	BARIUM	12 UG/L	ENV. ENG.
0	CALCIUM	5040 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHLORIDE	2200 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	ENDRIN	LT 0.10 UG/L	ENV. ENG.
0	FLUORIDE	LT 100 UG/L	ENV. ENG.
0	IRON	LT 20 UG/L	ENV. ENG.
0	MERCURY	0.39 UG/L	ENV. ENG.
0	MERCURY	0.20 UG/L	ENV. ENG.
0	POTASSIUM	850 UG/L	ENV. ENG.
0	LINDANE	LT 0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT 0.50 UG/L	ENV. ENG.
0	MAGNESIUM	190 UG/L	ENV. ENG.
0	MANGANESE	13 UG/L	ENV. ENG.
1	SODIUM	13200 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	1280 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
1	SILICA	3660 UG/L	ENV. ENG.
0	SILVEX	LT 0.09 UG/L	ENV. ENG.
1	SULFATE	10300 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	126000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT 5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT 5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT 5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT 5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT 50 UG/L	ENV. ENG.
0	TOXAPHENE	LT 1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT 0.30 UG/L	ENV. ENG.
0	GROSS ALPHA	1.35+-0.91 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	1.14+-0.86 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	1.12+-0.64 PCI/L	RAD. MEAS.
1	TRITIUM	12.80+-0.38 PCI/ML	RAD. MEAS.

## WELL B90 18A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/02/88 TIME 1255  
 DEPTH TO WATER = 136.77 FT ( 41.69 M) BELOW THE TOC  
 WATER ELEVATION = 158.43 FT ( 48.29 M) MSL  
 PH = 7.3 ALKALINITY = 115 MG/L  
 SPECIFIC CONDUCTANCE = 230 UMHOS/CM  
 WATER TEMPERATURE = 20.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 177 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	265.0 UMHC	ENV. ENG.
1	SPECIFIC CONDUCTANCE	272.0 UMHC	ENV. ENG.
1	SPECIFIC CONDUCTANCE	240.0 UMHC	ENV. ENG.
1	SPECIFIC CONDUCTANCE	248.0 UMHC	ENV. ENG.
1	PH	7.15 PH	ENV. ENG.
1	PH	7.24 PH	ENV. ENG.
1	PH	7.33 PH	ENV. ENG.
1	PH	7.37 PH	ENV. ENG.
0	TURBIDITY	0.17 NTU	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
1	ARSENIC	2 UG/L	ENV. ENG.
1	BARIUM	62 UG/L	ENV. ENG.
1	CALCIUM	34900 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHLORIDE	2600 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	ENDRIN	LT 0.10 UG/L	ENV. ENG.
0	FLUORIDE	LT 100 UG/L	ENV. ENG.
0	IRON	LT 20 UG/L	ENV. ENG.
0	MERCURY	0.26 UG/L	ENV. ENG.
0	POTASSIUM	2330 UG/L	ENV. ENG.
0	LINDANE	LT 0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT 0.50 UG/L	ENV. ENG.
0	MAGNESIUM	2400 UG/L	ENV. ENG.
1	MANGANESE	31 UG/L	ENV. ENG.

CONTINUED

## WELL B90 18A COLLECTED ON 11/02/88 LABORATORY ANALYSES CONTINUED

1	SODIUM	7850 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	100 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
1	SILICA	16000 UG/L	ENV. ENG.
0	SILVEX	LT 0.09 UG/L	ENV. ENG.
1	SULFATE	10800 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	230000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1500 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT 5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT 5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT 5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT 5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT 210 UG/L	ENV. ENG.
0	TOXAPHENE	LT 1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT 0.30 UG/L	ENV. ENG.
1	GROSS ALPHA	6.01+-2.77 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	8.20+-2.37 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	2.07+-0.62 PCI/L	RAD. MEAS.
0	TRITIUM	0.65+-0.21 PCI/ML	RAD. MEAS.

## WELL B90 18D

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/02/88 TIME 1240  
 DEPTH TO WATER = 63.63 FT ( 19.39 M) BELOW THE TOC  
 WATER ELEVATION = 231.27 FT ( 70.49 M) MSL  
 PH = 5.1 ALKALINITY = 3 MG/L  
 SPECIFIC CONDUCTANCE = 26 UMHOS/CM  
 WATER TEMPERATURE = 19.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 66 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	32.60 UMHC	ENV. ENG.
0	SPECIFIC CONDUCTANCE	28.20 UMHC	ENV. ENG.
0	SPECIFIC CONDUCTANCE	27.90 UMHC	ENV. ENG.
0	SPECIFIC CONDUCTANCE	26.40 UMHC	ENV. ENG.
0	SPECIFIC CONDUCTANCE	26.80 UMHC	ENV. ENG.
0	PH	5.03 PH	ENV. ENG.
0	PH	5.20 PH	ENV. ENG.
0	PH	5.23 PH	ENV. ENG.
0	PH	5.24 PH	ENV. ENG.
0	PH	5.22 PH	ENV. ENG.
0	TURBIDITY	7 NTU	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
0	BARIUM	10 UG/L	ENV. ENG.
0	CALCIUM	1550 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHLORIDE	2000 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	ENDRIN	LT 0.10 UG/L	ENV. ENG.
0	FLUORIDE	LT 100 UG/L	ENV. ENG.
0	IRON	LT 20 UG/L	ENV. ENG.
0	MERCURY	0.26 UG/L	ENV. ENG.
0	POTASSIUM	LT 500 UG/L	ENV. ENG.
0	LINDANE	LT 0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT 0.50 UG/L	ENV. ENG.
0	MAGNESIUM	308 UG/L	ENV. ENG.
1	MANGANESE	34 UG/L	ENV. ENG.
0	SODIUM	1960 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	1440 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
1	SILICA	3490 UG/L	ENV. ENG.
0	SILVEX	LT 0.09 UG/L	ENV. ENG.
0	SULFATE	LT 5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	88000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT 5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT 5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT 5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT 5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT 20 UG/L	ENV. ENG.
0	TOXAPHENE	LT 1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT 0.30 UG/L	ENV. ENG.
0	GROSS ALPHA	1.75+-0.81 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	1.80+-0.83 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	1.57+-0.88 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	2.09+-0.91 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	1.22+-0.53 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	1.51+-0.59 PCI/L	RAD. MEAS.
1	TRITIUM	17.70+-0.44 PCI/ML	RAD. MEAS.
1	TRITIUM	18.10+-0.45 PCI/ML	RAD. MEAS.



## WELL BGO 190

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/02/88 TIME 1120  
 DEPTH TO WATER = 54.86 FT ( 16.72 M) BELOW THE TOC  
 WATER ELEVATION = 232.34 FT ( 70.82 M) MSL  
 PH = 5.8 ALKALINITY = 8 MG/L  
 SPECIFIC CONDUCTANCE = 40 UMHOS/CM  
 WATER TEMPERATURE = 19.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 114 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	56.80 UMHOS	ENV. ENG.
0	SPECIFIC CONDUCTANCE	43.10 UMHOS	ENV. ENG.
0	SPECIFIC CONDUCTANCE	42.60 UMHOS	ENV. ENG.
0	SPECIFIC CONDUCTANCE	44.80 UMHOS	ENV. ENG.
0	PH	5.93 PH	ENV. ENG.
0	PH	5.90 PH	ENV. ENG.
0	PH	5.81 PH	ENV. ENG.
0	PH	5.85 PH	ENV. ENG.
0	TURBIDITY	11 NTU	ENV. ENG.
0	SILVER	2 UG/L	ENV. ENG.
0	ARSENIC	2 UG/L	ENV. ENG.
0	BARIUM	12 UG/L	ENV. ENG.
0	BARIUM	12 UG/L	ENV. ENG.
0	CALCIUM	2440 UG/L	ENV. ENG.
0	CALCIUM	2560 UG/L	ENV. ENG.
0	CADMIUM	2 UG/L	ENV. ENG.
0	CADMIUM	2 UG/L	ENV. ENG.
0	CHLORIDE	2800 UG/L	ENV. ENG.
0	CHROMIUM	4 UG/L	ENV. ENG.
0	CHROMIUM	4 UG/L	ENV. ENG.
0	ENDRIN	0.10 UG/L	ENV. ENG.
0	FLUORIDE	100 UG/L	ENV. ENG.
0	IRON	20 UG/L	ENV. ENG.
0	IRON	20 UG/L	ENV. ENG.
0	MERCURY	0.20 UG/L	ENV. ENG.
0	POTASSIUM	669 UG/L	ENV. ENG.
0	POTASSIUM	774 UG/L	ENV. ENG.
0	LINDANE	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	0.50 UG/L	ENV. ENG.
0	MAGNESIUM	286 UG/L	ENV. ENG.
0	MAGNESIUM	292 UG/L	ENV. ENG.
1	MANGANESE	27 UG/L	ENV. ENG.
1	MANGANESE	27 UG/L	ENV. ENG.
0	SODIUM	3630 UG/L	ENV. ENG.
0	SODIUM	3770 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	1370 UG/L	ENV. ENG.
0	LEAD	6 UG/L	ENV. ENG.
0	LEAD	6 UG/L	ENV. ENG.
0	PHENOL	5 UG/L	ENV. ENG.
0	PHENOL	5 UG/L	ENV. ENG.
0	SELENIUM	2 UG/L	ENV. ENG.
1	SILICA	4520 UG/L	ENV. ENG.
0	SILVEX	0.09 UG/L	ENV. ENG.
0	SULFATE	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	138000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	70 UG/L	ENV. ENG.
0	TOXAPHENE	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	0.30 UG/L	ENV. ENG.
0	GROSS ALPHA	1.96+-0.91 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	3.15+-0.98 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	0.54+-0.40 PCI/L	RAD. MEAS.
1	TRITIUM	17.60+-0.44 PCI/ML	RAD. MEAS.

## WELL BGO 200

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/02/88 TIME 1315  
 DEPTH TO WATER = 50.42 FT ( 15.37 M) BELOW THE TOC  
 WATER ELEVATION = 233.28 FT ( 71.10 M) MSL  
 PH = 5.8 ALKALINITY = 72 MG/L  
 SPECIFIC CONDUCTANCE = 139 UMHOS/CM  
 WATER TEMPERATURE = 19.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 7 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	154.0 UMHOS	ENV. ENG.
1	SPECIFIC CONDUCTANCE	146.0 UMHOS	ENV. ENG.
1	SPECIFIC CONDUCTANCE	143.0 UMHOS	ENV. ENG.
1	SPECIFIC CONDUCTANCE	146.0 UMHOS	ENV. ENG.
0	PH	6.13 PH	ENV. ENG.
0	PH	6.01 PH	ENV. ENG.
0	PH	5.99 PH	ENV. ENG.
0	PH	6.11 PH	ENV. ENG.
0	TURBIDITY	9 NTU	ENV. ENG.
0	SILVER	2 UG/L	ENV. ENG.
0	ARSENIC	2 UG/L	ENV. ENG.
0	BARIUM	17 UG/L	ENV. ENG.
0	CALCIUM	3230 UG/L	ENV. ENG.
0	CADMIUM	2 UG/L	ENV. ENG.
0	CHLORIDE	3100 UG/L	ENV. ENG.
0	CHROMIUM	4 UG/L	ENV. ENG.
0	ENDRIN	0.10 UG/L	ENV. ENG.

CONTINUED

## WELL BGO 200 COLLECTED ON 11/02/88 LABORATORY ANALYSES CONTINUED

0	FLUORIDE	100 UG/L	ENV. ENG.
0	IRON	106 UG/L	ENV. ENG.
0	MERCURY	0.20 UG/L	ENV. ENG.
0	POTASSIUM	1390 UG/L	ENV. ENG.
0	LINDANE	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	0.50 UG/L	ENV. ENG.
0	MAGNESIUM	649 UG/L	ENV. ENG.
2	MANGANESE	101 UG/L	ENV. ENG.
1	SODIUM	30500 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	1320 UG/L	ENV. ENG.
0	LEAD	8 UG/L	ENV. ENG.
0	PHENOL	5 UG/L	ENV. ENG.
0	SELENIUM	2 UG/L	ENV. ENG.
1	SILICA	6320 UG/L	ENV. ENG.
0	SILVEX	0.09 UG/L	ENV. ENG.
0	SULFATE	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	174000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	2400 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	2500 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1600 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	8 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	8 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	5 UG/L	ENV. ENG.
1	TOTAL ORGANIC HALOGENS	14 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	20 UG/L	ENV. ENG.
0	TOXAPHENE	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	0.30 UG/L	ENV. ENG.
0	GROSS ALPHA	3.38+-1.35 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	3.30+-1.02 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	1.12+-0.51 PCI/L	RAD. MEAS.
2	TRITIUM	20.00+-0.49 PCI/ML	RAD. MEAS.

## WELL BGO 210

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/02/88 TIME 1210  
 DEPTH TO WATER = 51.31 FT ( 15.64 M) BELOW THE TOC  
 WATER ELEVATION = 234.09 FT ( 71.35 M) MSL  
 PH = 7.8 ALKALINITY = 87 MG/L  
 SPECIFIC CONDUCTANCE = 220 UMHOS/CM  
 WATER TEMPERATURE = 19.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 7 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	257.0 UMHOS	ENV. ENG.
1	SPECIFIC CONDUCTANCE	265.0 UMHOS	ENV. ENG.
1	SPECIFIC CONDUCTANCE	265.0 UMHOS	ENV. ENG.
1	SPECIFIC CONDUCTANCE	261.0 UMHOS	ENV. ENG.
1	SPECIFIC CONDUCTANCE	260.0 UMHOS	ENV. ENG.
2	PH	8.57 PH	ENV. ENG.
2	PH	8.19 PH	ENV. ENG.
2	PH	8.10 PH	ENV. ENG.
2	PH	8.29 PH	ENV. ENG.
2	PH	8.23 PH	ENV. ENG.
0	TURBIDITY	9 NTU	ENV. ENG.
0	SILVER	2 UG/L	ENV. ENG.
0	ARSENIC	2 UG/L	ENV. ENG.
0	BARIUM	47 UG/L	ENV. ENG.
1	CALCIUM	11400 UG/L	ENV. ENG.
0	CADMIUM	2 UG/L	ENV. ENG.
0	CHLORIDE	2400 UG/L	ENV. ENG.
0	CHROMIUM	4 UG/L	ENV. ENG.
0	ENDRIN	0.10 UG/L	ENV. ENG.
0	FLUORIDE	100 UG/L	ENV. ENG.
0	FLUORIDE	100 UG/L	ENV. ENG.
0	IRON	20 UG/L	ENV. ENG.
0	MERCURY	0.20 UG/L	ENV. ENG.
1	POTASSIUM	15300 UG/L	ENV. ENG.
0	LINDANE	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	0.50 UG/L	ENV. ENG.
0	MAGNESIUM	524 UG/L	ENV. ENG.
2	MANGANESE	55 UG/L	ENV. ENG.
1	SODIUM	14400 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	1620 UG/L	ENV. ENG.
0	LEAD	6 UG/L	ENV. ENG.
0	PHENOL	5 UG/L	ENV. ENG.
0	SELENIUM	2 UG/L	ENV. ENG.
1	SILICA	3490 UG/L	ENV. ENG.
0	SILVEX	0.09 UG/L	ENV. ENG.
0	SULFATE	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	190000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1500 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1500 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	8 UG/L	ENV. ENG.
1	TOTAL ORGANIC HALOGENS	12 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	6 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	8 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	30 UG/L	ENV. ENG.
0	TOXAPHENE	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	0.30 UG/L	ENV. ENG.
1	GROSS ALPHA	13.50+-3.72 PCI/L	RAD. MEAS.
1	NONVOLATILE BETA	33.60+-2.66 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	2.47+-0.67 PCI/L	RAD. MEAS.
2	TRITIUM	34.00+-0.78 PCI/ML	RAD. MEAS.

## WELL BGO 220

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/02/88 TIME 930  
 DEPTH TO WATER = 54.76 FT ( 16.69 M) BELOW THE TOC  
 WATER ELEVATION = 231.74 FT ( 70.64 M) MSL  
 PH = 5.1 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 31 UMHOS/CM  
 WATER TEMPERATURE = 19.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 122 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	48.60 UMHC	ENV. ENG.
0	SPECIFIC CONDUCTANCE	37.90 UMHC	ENV. ENG.
1	SPECIFIC CONDUCTANCE	186.0 UMHC	ENV. ENG.
0	SPECIFIC CONDUCTANCE	40.20 UMHC	ENV. ENG.
0	PH	5.29 PH	ENV. ENG.
0	PH	5.06 PH	ENV. ENG.
0	PH	5.13 PH	ENV. ENG.
0	PH	5.03 PH	ENV. ENG.
0	TURBIDITY	3 NTU	ENV. ENG.
0	SILVER	LT	2 UG/L ENV. ENG.
0	ARSENIC	LT	2 UG/L ENV. ENG.
0	BARIIUM	6 UG/L	ENV. ENG.
0	CALCIUM	1020 UG/L	ENV. ENG.
0	CADMIUM	2 UG/L	ENV. ENG.
0	CHLORIDE	2100 UG/L	ENV. ENG.
0	CHROMIUM	4 UG/L	ENV. ENG.
0	ENDRIN	0.10 UG/L	ENV. ENG.
0	FLUORIDE	100 UG/L	ENV. ENG.
0	IRON	20 UG/L	ENV. ENG.
0	MERCURY	0.20 UG/L	ENV. ENG.
0	POTASSIUM	500 UG/L	ENV. ENG.
0	LINDANE	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	0.50 UG/L	ENV. ENG.
0	MAGNESIUM	528 UG/L	ENV. ENG.
0	MANGANESE	15 UG/L	ENV. ENG.
0	SODIUM	2400 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	2080 UG/L	ENV. ENG.
0	LEAD	6 UG/L	ENV. ENG.
0	PHENOL	5 UG/L	ENV. ENG.
0	SELENIUM	2 UG/L	ENV. ENG.
1	SILICA	3530 UG/L	ENV. ENG.
1	SILICA	3480 UG/L	ENV. ENG.
0	SILVEX	0.09 UG/L	ENV. ENG.
0	SULFATE	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	82000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	90 UG/L	ENV. ENG.
0	TOXAPHENE	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	0.30 UG/L	ENV. ENG.
0	GROSS ALPHA	1.55+-0.77 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	2.00+-0.88 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	0.45+-0.35 PCI/L	RAD. MEAS.
1	TRITIUM	15.80+-0.42 PCI/ML	RAD. MEAS.

## WELL BGO 230

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/02/88 TIME 1035  
 DEPTH TO WATER = 53.82 FT ( 16.40 M) BELOW THE TOC  
 WATER ELEVATION = 235.38 FT ( 71.74 M) MSL  
 PH = 6.2 ALKALINITY = 12 MG/L  
 SPECIFIC CONDUCTANCE = 52 UMHOS/CM  
 WATER TEMPERATURE = 20.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 50 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	64.90 UMHC	ENV. ENG.
0	SPECIFIC CONDUCTANCE	60.00 UMHC	ENV. ENG.
0	SPECIFIC CONDUCTANCE	64.80 UMHC	ENV. ENG.
0	SPECIFIC CONDUCTANCE	54.40 UMHC	ENV. ENG.
0	SPECIFIC CONDUCTANCE	54.50 UMHC	ENV. ENG.
0	PH	6.48 PH	ENV. ENG.
0	PH	6.02 PH	ENV. ENG.
0	PH	6.12 PH	ENV. ENG.
0	PH	6.01 PH	ENV. ENG.
0	PH	6.02 PH	ENV. ENG.
0	TURBIDITY	1 NTU	ENV. ENG.
0	SILVER	LT	2 UG/L ENV. ENG.
0	ARSENIC	LT	2 UG/L ENV. ENG.
0	BARIIUM	LT	2 UG/L ENV. ENG.
0	CALCIUM	4 UG/L	ENV. ENG.
0	CADMIUM	629 UG/L	ENV. ENG.
0	CHLORIDE	2 UG/L	ENV. ENG.
0	CHROMIUM	1300 UG/L	ENV. ENG.
0	ENDRIN	4 UG/L	ENV. ENG.
0	FLUORIDE	0.10 UG/L	ENV. ENG.
0	IRON	100 UG/L	ENV. ENG.
0	MERCURY	20 UG/L	ENV. ENG.
0	POTASSIUM	0.20 UG/L	ENV. ENG.
0	LINDANE	2060 UG/L	ENV. ENG.
0	METHOXYCHLOR	0.05 UG/L	ENV. ENG.
0	MAGNESIUM	0.50 UG/L	ENV. ENG.
0	MANGANESE	84 UG/L	ENV. ENG.

CONTINUED

## WELL BGO 230 COLLECTED ON 11/02/88 LABORATORY ANALYSES CONTINUED

0	MANGANESE	LT	2 UG/L ENV. ENG.
1	SODIUM	7880 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	2290 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L ENV. ENG.
0	PHENOL	LT	5 UG/L ENV. ENG.
0	SELENIUM	LT	2 UG/L ENV. ENG.
0	SELENIUM	LT	2 UG/L ENV. ENG.
1	SILICA	2760 UG/L	ENV. ENG.
0	SILVEX	LT	0.09 UG/L ENV. ENG.
0	SULFATE	LT	5000 UG/L ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	98000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	9 UG/L ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L ENV. ENG.
0	TOXAPHENE	LT	1 UG/L ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L ENV. ENG.
0	GROSS ALPHA	LT	3 PCI/L RAD. MEAS.
0	NONVOLATILE BETA	3.17+-0.97 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	0.38+-0.34 PCI/L	RAD. MEAS.
2	TRITIUM	21.70+-0.53 PCI/ML	RAD. MEAS.

## WELL BGO 240

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/02/88 TIME 1420  
 DEPTH TO WATER = 57.00 FT ( 17.37 M) BELOW THE TOC  
 WATER ELEVATION = 236.20 FT ( 71.99 M) MSL  
 PH = 10.7 ALKALINITY = 69 MG/L  
 SPECIFIC CONDUCTANCE = 250 UMHOS/CM  
 WATER TEMPERATURE = 20.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 6 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	158.0 UMHC	ENV. ENG.
1	SPECIFIC CONDUCTANCE	185.0 UMHC	ENV. ENG.
1	SPECIFIC CONDUCTANCE	177.0 UMHC	ENV. ENG.
1	SPECIFIC CONDUCTANCE	181.0 UMHC	ENV. ENG.
2	PH	10.6 PH	ENV. ENG.
2	PH	10.5 PH	ENV. ENG.
2	PH	10.1 PH	ENV. ENG.
2	PH	10.2 PH	ENV. ENG.
0	TURBIDITY	5 NTU	ENV. ENG.
0	SILVER	LT	2 UG/L ENV. ENG.
0	SILVER	LT	2 UG/L ENV. ENG.
0	ARSENIC	LT	2 UG/L ENV. ENG.
1	BARIIUM	60 UG/L	ENV. ENG.
1	CALCIUM	12600 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L ENV. ENG.
0	CHLORIDE	2200 UG/L	ENV. ENG.
0	CHLORIDE	2100 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L ENV. ENG.
0	ENDRIN	LT	0.10 UG/L ENV. ENG.
0	ENDRIN	LT	0.10 UG/L ENV. ENG.
0	FLUORIDE	LT	100 UG/L ENV. ENG.
0	IRON	LT	20 UG/L ENV. ENG.
0	MERCURY	LT	0.20 UG/L ENV. ENG.
0	POTASSIUM	LT	2270 UG/L ENV. ENG.
0	LINDANE	LT	0.05 UG/L ENV. ENG.
0	LINDANE	LT	0.05 UG/L ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L ENV. ENG.
0	MAGNESIUM	LT	91 UG/L ENV. ENG.
0	MANGANESE	LT	2 UG/L ENV. ENG.
1	SODIUM	17400 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	1060 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L ENV. ENG.
1	PHENOL	LT	5 UG/L ENV. ENG.
0	SELENIUM	LT	2 UG/L ENV. ENG.
1	SILICA	3820 UG/L	ENV. ENG.
0	SILVEX	LT	0.09 UG/L ENV. ENG.
0	SULFATE	8200 UG/L	ENV. ENG.
0	SULFATE	8000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	126000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	124000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	3000 UG/L ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	2100 UG/L ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	6 UG/L ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	9 UG/L ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L ENV. ENG.
0	TOXAPHENE	LT	1 UG/L ENV. ENG.
0	TOXAPHENE	LT	1 UG/L ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L ENV. ENG.
0	GROSS ALPHA	2.89+-1.31 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	3.24+-1.28 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	0.37+-0.33 PCI/L	RAD. MEAS.
0	TRITIUM	4.32+-0.29 PCI/ML	RAD. MEAS.

## WELL BGO 25A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/29/88 TIME 1340  
 DEPTH TO WATER = 138.62 FT ( 42.25 M) BELOW THE TOC  
 WATER ELEVATION = 157.88 FT ( 48.12 M) MSL  
 PH = 7.8 ALKALINITY = 110 MG/L  
 SPECIFIC CONDUCTANCE = 148 UMHOS/CM  
 WATER TEMPERATURE = 19.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 13 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	175.0 UMHC	ENV. ENG.
1	SPECIFIC CONDUCTANCE	161.0 UMHC	ENV. ENG.
1	SPECIFIC CONDUCTANCE	158.0 UMHC	ENV. ENG.
1	SPECIFIC CONDUCTANCE	162.0 UMHC	ENV. ENG.
1	PH	7.82 PH	ENV. ENG.
1	PH	7.99 PH	ENV. ENG.
2	PH	8.15 PH	ENV. ENG.
1	PH	7.65 PH	ENV. ENG.
0	TURBIDITY	0.36 NTU	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
1	ARSENIC	2 UG/L	ENV. ENG.
1	ARSENIC	2 UG/L	ENV. ENG.
0	BARIUM	32 UG/L	ENV. ENG.
1	CALCIUM	45700 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHLORIDE	2900 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	ENDRIN	LT 0.10 UG/L	ENV. ENG.
0	FLUORIDE	LT 100 UG/L	ENV. ENG.
0	FLUORIDE	LT 100 UG/L	ENV. ENG.
0	IRON	LT 20 UG/L	ENV. ENG.
0	MERCURY	LT 0.20 UG/L	ENV. ENG.
0	POTASSIUM	1110 UG/L	ENV. ENG.
0	LINDANE	LT 0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT 0.50 UG/L	ENV. ENG.
0	MAGNESIUM	651 UG/L	ENV. ENG.
0	MANGANESE	5 UG/L	ENV. ENG.
0	SODIUM	2450 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	100 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
1	PHENOL	71 UG/L	ENV. ENG.
1	PHENOL	71 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
1	SILICA	25200 UG/L	ENV. ENG.
0	SILVEX	LT 0.09 UG/L	ENV. ENG.
1	SULFATE	14400 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	330000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	2000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	2100 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	2100 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	2100 UG/L	ENV. ENG.
1	TOTAL ORGANIC HALOGENS	18 UG/L	ENV. ENG.
1	TOTAL ORGANIC HALOGENS	13 UG/L	ENV. ENG.
1	TOTAL ORGANIC HALOGENS	19 UG/L	ENV. ENG.
1	TOTAL ORGANIC HALOGENS	22 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	70 UG/L	ENV. ENG.
0	TOXAPHENE	LT 1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXACETIC ACID	LT 0.30 UG/L	ENV. ENG.
0	GROSS ALPHA	LT 3 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	2.33+-0.99 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT 1 PCI/L	RAD. MEAS.
0	TRITIUM	LT 0.70 PCI/ML	RAD. MEAS.

## WELL BRD 1

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/04/88 TIME 1730  
 DEPTH TO WATER = 40.72 FT ( 12.41 M) BELOW THE TOC  
 WATER ELEVATION = 165.08 FT ( 50.32 M) MSL  
 PH = 4.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 28 UMHOS/CM  
 WATER TEMPERATURE = 19.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 43 GAL

## WELL BRD 2

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/04/88 TIME 1645  
 DEPTH TO WATER = 38.02 FT ( 11.59 M) BELOW THE TOC  
 WATER ELEVATION = 169.28 FT ( 51.60 M) MSL  
 PH = 5.2 ALKALINITY = 3 MG/L  
 SPECIFIC CONDUCTANCE = 29 UMHOS/CM  
 WATER TEMPERATURE = 19.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 63 GAL

## WELL BRD 3

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/04/88 TIME 1600  
 THE WELL WAS DRY.

## WELL BRD 4

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/04/88 TIME 1705  
 DEPTH TO WATER = 33.75 FT ( 10.29 M) BELOW THE TOC  
 WATER ELEVATION = 164.15 FT ( 50.03 M) MSL  
 PH = 4.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 24 UMHOS/CM  
 WATER TEMPERATURE = 18.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 92 GAL

## WELL CCB 1

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/09/88 TIME 1405  
 DEPTH TO WATER = 57.65 FT ( 17.57 M) BELOW THE TOC  
 WATER ELEVATION = 220.95 FT ( 67.35 M) MSL  
 PH = 4.6 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 24 UMHOS/CM  
 WATER TEMPERATURE = 19.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 59 GAL

## WELL CCB 2

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/09/88 TIME 1415  
 DEPTH TO WATER = 49.02 FT ( 14.94 M) BELOW THE TOC  
 WATER ELEVATION = 221.38 FT ( 67.48 M) MSL  
 THE WELL IS PUMPING DRY BEFORE SAMPLING CAN BE DONE.

## WELL CCB 2

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/11/88 TIME 1650  
 DEPTH TO WATER = 48.63 FT ( 14.82 M) BELOW THE TOC  
 WATER ELEVATION = 221.77 FT ( 67.60 M) MSL  
 PH = 5.7 ALKALINITY = 9 MG/L  
 SPECIFIC CONDUCTANCE = 46 UMHOS/CM  
 WATER TEMPERATURE = 19.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 61 GAL

## WELL CCB 3

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/09/88 TIME 1515  
 DEPTH TO WATER = 45.17 FT ( 13.77 M) BELOW THE TOC  
 WATER ELEVATION = 222.23 FT ( 67.74 M) MSL  
 PH = 4.6 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 20 UMHOS/CM  
 WATER TEMPERATURE = 20.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 43 GAL

## WELL CCB 4

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/09/88 TIME 1535  
 DEPTH TO WATER = 59.11 FT ( 18.02 M) BELOW THE TOC  
 WATER ELEVATION = 223.89 FT ( 68.24 M) MSL  
 PH = 4.6 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 16 UMHOS/CM  
 WATER TEMPERATURE = 19.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 33 GAL

WELL CDB 1

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/27/88 TIME 1040  
 DEPTH TO WATER = 78.74 FT ( 24.00 M) BELOW THE TOC  
 WATER ELEVATION = 210.16 FT ( 64.06 M) MSL  
 PH = 5.7 ALKALINITY = 36 MG/L  
 SPECIFIC CONDUCTANCE = 106 UMHOS/CM  
 WATER TEMPERATURE = 22.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 11 GAL  
 THE WELL WENT DRY DURING PURGING.

WELL CDB 2

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/27/88 TIME 1030  
 DEPTH TO WATER = 78.29 FT ( 23.86 M) BELOW THE TOC  
 WATER ELEVATION = 210.31 FT ( 64.10 M) MSL  
 PH = 4.9 ALKALINITY = 5 MG/L  
 SPECIFIC CONDUCTANCE = 89 UMHOS/CM  
 WATER TEMPERATURE = 20.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 6 GAL  
 THE WELL WENT DRY DURING PURGING.

WELL CMP 8

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/06/88 TIME 1220  
 DEPTH TO WATER = 27.52 FT ( 8.39 M) BELOW THE TOC  
 WATER ELEVATION = 201.08 FT ( 61.29 M) MSL  
 PH = 5.5 ALKALINITY = 15 MG/L  
 SPECIFIC CONDUCTANCE = 29 UMHOS/CM  
 WATER TEMPERATURE = 19.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 45 GAL

WELL CMP 8A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/06/88 TIME 1205  
 DEPTH TO WATER = 49.61 FT ( 15.12 M) BELOW THE TOC  
 WATER ELEVATION = 180.09 FT ( 54.89 M) MSL  
 PH = 6.4 ALKALINITY = 41 MG/L  
 SPECIFIC CONDUCTANCE = 117 UMHOS/CM  
 WATER TEMPERATURE = 18.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 450 GAL

WELL CMP 8B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/06/88 TIME 1155  
 DEPTH TO WATER = 32.44 FT ( 9.89 M) BELOW THE TOC  
 WATER ELEVATION = 197.06 FT ( 60.06 M) MSL  
 PH = 7.0 ALKALINITY = 51 MG/L  
 SPECIFIC CONDUCTANCE = 127 UMHOS/CM  
 WATER TEMPERATURE = 18.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 106 GAL

WELL CMP 9B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/05/88 TIME 1255  
 DEPTH TO WATER = 122.55 FT ( 37.35 M) BELOW THE TOC  
 WATER ELEVATION = 192.55 FT ( 58.69 M) MSL  
 PH = 9.2 ALKALINITY = 62 MG/L  
 SPECIFIC CONDUCTANCE = 142 UMHOS/CM  
 WATER TEMPERATURE = 20.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 114 GAL

WELL CMP 10

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/05/88 TIME 1130  
 DEPTH TO WATER = 93.40 FT ( 28.47 M) BELOW THE TOC  
 WATER ELEVATION = 217.50 FT ( 66.29 M) MSL  
 PH = 5.0 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 22 UMHOS/CM  
 WATER TEMPERATURE = 19.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 75 GAL

WELL CMP 10B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/05/88 TIME 1115  
 DEPTH TO WATER = 117.96 FT ( 35.95 M) BELOW THE TOC  
 WATER ELEVATION = 192.84 FT ( 58.75 M) MSL  
 PH = 7.7 ALKALINITY = 90 MG/L  
 SPECIFIC CONDUCTANCE = 206 UMHOS/CM  
 WATER TEMPERATURE = 19.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 146 GAL

WELL CMP 11

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/06/88 TIME 1020  
 DEPTH TO WATER = 101.35 FT ( 30.89 M) BELOW THE TOC  
 WATER ELEVATION = 209.15 FT ( 63.75 M) MSL  
 PH = 5.1 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 27 UMHOS/CM  
 WATER TEMPERATURE = 18.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 19 GAL  
 THE WELL WENT DRY DURING PURGING.

WELL CMP 11B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/05/88 TIME 1330  
 DEPTH TO WATER = 117.47 FT ( 35.81 M) BELOW THE TOC  
 WATER ELEVATION = 192.73 FT ( 58.74 M) MSL  
 PH = 7.7 ALKALINITY = 90 MG/L  
 SPECIFIC CONDUCTANCE = 194 UMHOS/CM  
 WATER TEMPERATURE = 19.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 138 GAL

WELL CMP 12

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/06/88 TIME 1050  
 DEPTH TO WATER = 73.68 FT ( 22.46 M) BELOW THE TOC  
 WATER ELEVATION = 209.22 FT ( 63.77 M) MSL  
 PH = 5.0 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 18 UMHOS/CM  
 WATER TEMPERATURE = 18.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 19 GAL  
 THE WELL WENT DRY DURING PURGING.

WELL CMP 12A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/05/88 TIME 1620  
 DEPTH TO WATER = 106.28 FT ( 32.39 M) BELOW THE TOC  
 WATER ELEVATION = 177.82 FT ( 54.20 M) MSL  
 PH = 6.7 ALKALINITY = 66 MG/L  
 SPECIFIC CONDUCTANCE = 185 UMHOS/CM  
 WATER TEMPERATURE = 19.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 455 GAL

# WELL CMP 12B

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/05/88 TIME 1540  
 DEPTH TO WATER = 91.47 FT ( 27.88 M) BELOW THE TOC  
 WATER ELEVATION = 192.43 FT ( 58.65 M) MSL  
 PH = 7.7 ALKALINITY = 85 MG/L  
 SPECIFIC CONDUCTANCE = 190 UMHOS/CM  
 WATER TEMPERATURE = 19.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 118 GAL

# WELL CMP 13

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/06/88 TIME 1105  
 DEPTH TO WATER = 83.13 FT ( 25.34 M) BELOW THE TOC  
 WATER ELEVATION = 206.07 FT ( 62.81 M) MSL  
 PH = 6.3 ALKALINITY = 29 MG/L  
 SPECIFIC CONDUCTANCE = 61 UMHOS/CM  
 WATER TEMPERATURE = 18.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 5 GAL  
 THE WELL WENT DRY DURING PURGING.

# WELL CMP 13B

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/05/88 TIME 1715  
 DEPTH TO WATER = 96.81 FT ( 29.51 M) BELOW THE TOC  
 WATER ELEVATION = 192.29 FT ( 58.61 M) MSL  
 PH = 8.0 ALKALINITY = 88 MG/L  
 SPECIFIC CONDUCTANCE = 192 UMHOS/CM  
 WATER TEMPERATURE = 19.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 152 GAL

# WELL CMP 14B

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/29/88 TIME 1255  
 DEPTH TO WATER = 71.23 FT ( 21.71 M) BELOW THE TOC  
 WATER ELEVATION = 193.27 FT ( 58.91 M) MSL  
 PH = 7.8 ALKALINITY = 78 MG/L  
 SPECIFIC CONDUCTANCE = 164 UMHOS/CM  
 WATER TEMPERATURE = 18.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 168 GAL

# WELL CMP 14C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/29/88 TIME 1235  
 DEPTH TO WATER = 52.35 FT ( 15.96 M) BELOW THE TOC  
 WATER ELEVATION = 211.75 FT ( 64.54 M) MSL  
 PH = 4.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 19 UMHOS/CM  
 WATER TEMPERATURE = 18.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 70 GAL

# WELL CMP 15A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/05/88 TIME 1455  
 DEPTH TO WATER = 99.82 FT ( 30.43 M) BELOW THE TOC  
 WATER ELEVATION = 176.68 FT ( 53.85 M) MSL  
 PH = 6.1 ALKALINITY = 26 MG/L  
 SPECIFIC CONDUCTANCE = 106 UMHOS/CM  
 WATER TEMPERATURE = 19.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 430 GAL

# WELL CMP 15B

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/06/88 TIME 1030  
 DEPTH TO WATER = 75.39 FT ( 22.98 M) BELOW THE TOC  
 WATER ELEVATION = 201.01 FT ( 61.27 M) MSL  
 PH = 8.7 ALKALINITY = 47 MG/L  
 SPECIFIC CONDUCTANCE = 101 UMHOS/CM  
 WATER TEMPERATURE = 18.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 24 GAL  
 THE WELL WENT DRY DURING PURGING.

# WELL CMP 15C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/06/88 TIME 1040  
 PH = 4.9 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 17 UMHOS/CM  
 WATER TEMPERATURE = 17.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 1 GAL  
 THE WELL WENT DRY DURING PURGING.

# WELL CMP 16B

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/05/88 TIME 1215  
 DEPTH TO WATER = 125.07 FT ( 38.12 M) BELOW THE TOC  
 WATER ELEVATION = 192.63 FT ( 58.71 M) MSL  
 PH = 7.8 ALKALINITY = 90 MG/L  
 SPECIFIC CONDUCTANCE = 197 UMHOS/CM  
 WATER TEMPERATURE = 19.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 134 GAL

# WELL CMP 16C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/05/88 TIME 1150  
 THE WELL WAS DRY.

# WELL CRP 1

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/22/88 TIME 955  
 DEPTH TO WATER = 69.54 FT ( 21.20 M) BELOW THE TOC  
 WATER ELEVATION = 208.06 FT ( 62.50 M) MSL  
 PH = 6.1 ALKALINITY = 6 MG/L  
 SPECIFIC CONDUCTANCE = 46 UMHOS/CM  
 WATER TEMPERATURE = 19.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 45 GAL

## LABORATORY ANALYSES

0 MANGANESE	19 UG/L	ENV. ENG.
0 MANGANESE	19 UG/L	ENV. ENG.
0 NITRATE AS NITROGEN	1060 UG/L	ENV. ENG.

# WELL CRP 2

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/11/88 TIME 1610  
 DEPTH TO WATER = 74.23 FT ( 22.63 M) BELOW THE TOC  
 WATER ELEVATION = 204.47 FT ( 62.32 M) MSL  
 PH = 5.3 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 85 UMHOS/CM  
 WATER TEMPERATURE = 18.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 85 GAL

## LABORATORY ANALYSES

0 MANGANESE	7 UG/L	ENV. ENG.
0 MANGANESE	7 UG/L	ENV. ENG.
0 NITRATE AS NITROGEN	300 UG/L	ENV. ENG.
0 NITRATE AS NITROGEN	300 UG/L	ENV. ENG.
0 GROSS ALPHA	0.33+-0.40 PCI/L	HP, 735A
0 NONVOLATILE BETA	1.12+-0.87 PCI/L	HP, 735A
2 TRITIUM	404+-2.86 PCI/ML	HP, 735A

## WELL CRP 3

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/23/88 TIME 920  
 PH = 12.1 ALKALINITY = 430 MG/L  
 SPECIFIC CONDUCTANCE = 2400 UMHOS/CM  
 WATER TEMPERATURE = 18.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 8 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

0 MANGANESE LT 2 UG/L ENV. ENG.  
 0 NITRATE AS NITROGEN 2110 UG/L ENV. ENG.

## WELL CRP 4

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/22/88 TIME 1025  
 DEPTH TO WATER = 63.14 FT ( 19.25 M) BELOW THE TOC  
 WATER ELEVATION = 204.56 FT ( 62.35 M) MSL  
 PH = 5.4 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 20 UMHOS/CM  
 WATER TEMPERATURE = 18.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 62 GAL

## LABORATORY ANALYSES

0 MANGANESE 4 UG/L ENV. ENG.  
 0 MANGANESE 3 UG/L ENV. ENG.  
 0 NITRATE AS NITROGEN 510 UG/L ENV. ENG.

## WELL CSA 1

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/13/88 TIME 1020  
 DEPTH TO WATER = 49.84 FT ( 15.19 M) BELOW THE TOC  
 WATER ELEVATION = 240.96 FT ( 73.45 M) MSL  
 PH = 5.0 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 55 UMHOS/CM  
 WATER TEMPERATURE = 20.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 24 GAL

## WELL CSA 2

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/13/88 TIME 1000  
 DEPTH TO WATER = 48.87 FT ( 14.90 M) BELOW THE TOC  
 WATER ELEVATION = 241.23 FT ( 73.53 M) MSL  
 PH = 5.1 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 40 UMHOS/CM  
 WATER TEMPERATURE = 19.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 60 GAL

## WELL CSA 3

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/13/88 TIME 1100  
 DEPTH TO WATER = 48.93 FT ( 14.91 M) BELOW THE TOC  
 WATER ELEVATION = 240.47 FT ( 73.30 M) MSL  
 PH = 5.0 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 45 UMHOS/CM  
 WATER TEMPERATURE = 19.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 57 GAL

## WELL CSA 4

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/13/88 TIME 1045  
 DEPTH TO WATER = 50.10 FT ( 15.27 M) BELOW THE TOC  
 WATER ELEVATION = 240.30 FT ( 73.24 M) MSL  
 PH = 5.1 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 45 UMHOS/CM  
 WATER TEMPERATURE = 19.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 57 GAL

## WELL CSB 1A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 845  
 PH = 11.7 ALKALINITY = 177 MG/L  
 SPECIFIC CONDUCTANCE = 830 UMHOS/CM  
 WATER TEMPERATURE = 20.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 1 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

0 GROSS ALPHA 0.24+-0.55 PCI/L HP, 735A  
 0 NONVOLATILE BETA 0.84+-0.93 PCI/L HP, 735A  
 2 TRITIUM 66.72+-1.25 PCI/ML HP, 735A

## WELL CSB 2A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 905  
 DEPTH TO WATER = 76.99 FT ( 23.47 M) BELOW THE TOC  
 WATER ELEVATION = 207.61 FT ( 63.28 M) MSL  
 PH = 5.0 ALKALINITY = 22 MG/L  
 SPECIFIC CONDUCTANCE = 72 UMHOS/CM  
 WATER TEMPERATURE = 20.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 4 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

0 GROSS ALPHA 0.53+-0.57 PCI/L HP, 735A  
 0 NONVOLATILE BETA 0.85+-0.86 PCI/L HP, 735A  
 2 TRITIUM 89.11+-1.42 PCI/ML HP, 735A

## WELL CSB 3A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 920  
 DEPTH TO WATER = 78.09 FT ( 23.80 M) BELOW THE TOC  
 WATER ELEVATION = 206.81 FT ( 63.04 M) MSL  
 PH = 5.9 ALKALINITY = 7 MG/L  
 SPECIFIC CONDUCTANCE = 32 UMHOS/CM  
 WATER TEMPERATURE = 20.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 4 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

0 GROSS ALPHA 1.24+-0.63 PCI/L HP, 735A  
 0 NONVOLATILE BETA 1.59+-0.82 PCI/L HP, 735A  
 2 TRITIUM 32313+- 373 PCI/ML HP, 735A

## WELL CSB 4A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/25/88 TIME 1435  
 DEPTH TO WATER = 78.24 FT ( 23.85 M) BELOW THE TOC  
 WATER ELEVATION = 206.86 FT ( 63.05 M) MSL  
 PH = 5.6 ALKALINITY = 13 MG/L  
 SPECIFIC CONDUCTANCE = 34 UMHOS/CM  
 WATER TEMPERATURE = 20.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 52 GAL

## LABORATORY ANALYSES

0 GROSS ALPHA 1.26+-0.64 PCI/L HP, 735A  
 0 NONVOLATILE BETA 1.98+-0.86 PCI/L HP, 735A  
 2 TRITIUM 32501+- 260 PCI/ML HP, 735A

## WELL CSB 5A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 935  
 DEPTH TO WATER = 75.93 FT ( 23.14 M) BELOW THE TOC  
 WATER ELEVATION = 206.87 FT ( 63.05 M) MSL  
 PH = 11.3 ALKALINITY = 81 MG/L  
 SPECIFIC CONDUCTANCE = 350 UMHOS/CM  
 WATER TEMPERATURE = 20.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 5 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

0 GROSS ALPHA 0.28+-0.49 PCI/L HP, 735A  
 0 NONVOLATILE BETA 2.29+-1.16 PCI/L HP, 735A  
 2 TRITIUM 6506+-11.5 PCI/ML HP, 735A

# WELL CSB 6A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/25/88 TIME 1345  
 DEPTH TO WATER = 79.04 FT ( 24.09 M) BELOW THE TOC  
 WATER ELEVATION = 207.76 FT ( 63.33 M) MSL  
 PH = 6.3 ALKALINITY = 27 MG/L  
 SPECIFIC CONDUCTANCE = 92 UMHOS/CM  
 WATER TEMPERATURE = 21.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 47 GAL

## LABORATORY ANALYSES

0 GROSS ALPHA 0.44+-0.52 PCI/L HP, 735A  
 0 NONVOLATILE BETA 0.13+-0.71 PCI/L HP, 735A  
 2 TRITIUM 653+-3.66 PCI/ML HP, 735A

# WELL CSO 1

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/15/88 TIME 1015  
 DEPTH TO WATER = 55.92 FT ( 16.44 M) BELOW THE TOC  
 WATER ELEVATION = 249.98 FT ( 76.19 M) MSL  
 PH = 6.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 51 UMHOS/CM  
 WATER TEMPERATURE = 19.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 47 GAL

# WELL CSO 2

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/15/88 TIME 1025  
 DEPTH TO WATER = 51.79 FT ( 15.79 M) BELOW THE TOC  
 WATER ELEVATION = 250.11 FT ( 76.23 M) MSL  
 PH = 4.6 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 35 UMHOS/CM  
 WATER TEMPERATURE = 19.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 106 GAL

# WELL CSR 1

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/20/88 TIME 1550  
 DEPTH TO WATER = 20.11 FT ( 6.13 M) BELOW THE TOC  
 WATER ELEVATION = 253.99 FT ( 77.42 M) MSL  
 PH = 4.6 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 33 UMHOS/CM  
 WATER TEMPERATURE = 18.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 44 GAL

# WELL CSR 2

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/21/88 TIME 935  
 THE WELL WAS DRY.

# WELL CSR 3

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/21/88 TIME 1440  
 DEPTH TO WATER = 32.87 FT ( 10.02 M) BELOW THE TOC  
 WATER ELEVATION = 252.33 FT ( 76.91 M) MSL  
 PH = 4.5 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 23 UMHOS/CM  
 WATER TEMPERATURE = 19.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 15 GAL  
 THE WELL WENT DRY DURING PURGING.

# WELL CSR 4

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/21/88 TIME 920  
 DEPTH TO WATER = 30.66 FT ( 9.35 M) BELOW THE TOC  
 WATER ELEVATION = 254.04 FT ( 77.43 M) MSL  
 PH = 4.7 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 27 UMHOS/CM  
 WATER TEMPERATURE = 17.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 43 GAL

# WELL DBP 1

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/22/88 TIME 1125  
 DEPTH TO WATER = 18.14 FT ( 5.53 M) BELOW THE TOC  
 WATER ELEVATION = 117.06 FT ( 35.68 M) MSL  
 PH = 4.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 45 UMHOS/CM  
 WATER TEMPERATURE = 17.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 62 GAL

## LABORATORY ANALYSES

0 COPPER 5 UG/L ENV. ENG.

# WELL DBP 2

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/22/88 TIME 1240  
 DEPTH TO WATER = 10.49 FT ( 3.20 M) BELOW THE TOC  
 WATER ELEVATION = 115.81 FT ( 35.30 M) MSL  
 PH = 4.4 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 134 UMHOS/CM  
 WATER TEMPERATURE = 19.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 82 GAL

## LABORATORY ANALYSES

0 COPPER 5 UG/L ENV. ENG.

# WELL DBP 3

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/22/88 TIME 1150  
 DEPTH TO WATER = 8.01 FT ( 2.44 M) BELOW THE TOC  
 WATER ELEVATION = 120.29 FT ( 36.66 M) MSL  
 PH = 5.5 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 64 UMHOS/CM  
 WATER TEMPERATURE = 12.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 88 GAL

## LABORATORY ANALYSES

0 COPPER LT 4 UG/L ENV. ENG.

# WELL DBP 4

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/22/88 TIME 1215  
 DEPTH TO WATER = 8.20 FT ( 2.50 M) BELOW THE TOC  
 WATER ELEVATION = 118.00 FT ( 35.97 M) MSL  
 PH = 4.4 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 127 UMHOS/CM  
 WATER TEMPERATURE = 16.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 88 GAL

## LABORATORY ANALYSES

0 COPPER 7 UG/L ENV. ENG.  
 0 COPPER 7 UG/L ENV. ENG.

## WELL DCB 1A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/06/88 TIME 1325  
 DEPTH TO WATER = 13.16 FT ( 4.01 M) BELOW THE TOC  
 WATER ELEVATION = 113.94 FT ( 34.73 M) MSL  
 PH = 2.1 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 5940 UMHOS/CM  
 WATER TEMPERATURE = 22.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 63 GAL

## WELL DCB 2A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/06/88 TIME 1455  
 DEPTH TO WATER = 11.62 FT ( 3.54 M) BELOW THE TOC  
 WATER ELEVATION = 122.68 FT ( 37.39 M) MSL  
 PH = 4.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 54 UMHOS/CM  
 WATER TEMPERATURE = 21.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 67 GAL

## WELL DCB 3A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/06/88 TIME 1425  
 DEPTH TO WATER = 14.46 FT ( 4.41 M) BELOW THE TOC  
 WATER ELEVATION = 118.54 FT ( 36.13 M) MSL  
 PH = 4.9 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 94 UMHOS/CM  
 WATER TEMPERATURE = 19.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 59 GAL

## WELL DCB 4A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/06/88 TIME 1410  
 DEPTH TO WATER = 11.52 FT ( 3.51 M) BELOW THE TOC  
 WATER ELEVATION = 117.98 FT ( 35.96 M) MSL  
 PH = 4.0 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 830 UMHOS/CM  
 WATER TEMPERATURE = 20.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 67 GAL

## WELL DCB 5A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/06/88 TIME 1350  
 DEPTH TO WATER = 5.43 FT ( 1.66 M) BELOW THE TOC  
 WATER ELEVATION = 117.47 FT ( 35.81 M) MSL  
 PH = 4.9 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 606 UMHOS/CM  
 WATER TEMPERATURE = 20.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 83 GAL

## WELL DCB 6

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/12/88 TIME 1540  
 DEPTH TO WATER = 18.48 FT ( 5.63 M) BELOW THE TOC  
 WATER ELEVATION = 114.72 FT ( 34.97 M) MSL  
 PH = 3.3 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 3700 UMHOS/CM  
 WATER TEMPERATURE = 19.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 5 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

0	BROMODICHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0	TRICHLOROFLUOROMETHANE	LT	5 UG/L	ENV. ENG.
0	CARBON TETRACHLORIDE	LT	5.00 UG/L	ENV. ENG.
0	BROMOFORM	LT	10 UG/L	ENV. ENG.
0	CHLOROFORM	LT	5 UG/L	ENV. ENG.
0	METHYLENE CHLORIDE	LT	5 UG/L	ENV. ENG.
0	BROMOMETHANE	LT	10 UG/L	ENV. ENG.
0	CHLOROMETHANE	LT	10 UG/L	ENV. ENG.
0	CHLOROBENZENE	LT	5 UG/L	ENV. ENG.
0	CHLOROETHENE	LT	10 UG/L	ENV. ENG.
0	CHLOROETHANE	LT	10 UG/L	ENV. ENG.
0	BENZENE	LT	5 UG/L	ENV. ENG.
0	DIBROMOCHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0	ETHYLBENZENE	LT	5 UG/L	ENV. ENG.
0	TOLUENE	LT	5 UG/L	ENV. ENG.
0	1,1,2,2-TETRACHLOROETHANE	LT	10 UG/L	ENV. ENG.

CONTINUED

## WELL DCB 6 COLLECTED ON 12/12/88 LABORATORY ANALYSES CONTINUED

0	TETRACHLOROETHYLENE	LT	5.00 UG/L	ENV. ENG.
2	TRICHLOROETHYLENE		36.0 UG/L	ENV. ENG.
0	TRANS-1,2-DICHLOROETHENE	LT	5 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	5 UG/L	ENV. ENG.
0	1,1-DICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,1,1-TRICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,1,2-TRICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,2-DICHLOROETHANE	LT	1 UG/L	ENV. ENG.
0	1,2-DICHLOROPROPANE	LT	10 UG/L	ENV. ENG.
0	CIS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0	TRANS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0	2-CHLOROETHYL VINYL ETHER	LT	10 UG/L	ENV. ENG.

## WELL DCB 7

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/12/88 TIME 1605  
 DEPTH TO WATER = 17.02 FT ( 5.19 M) BELOW THE TOC  
 WATER ELEVATION = 115.78 FT ( 35.29 M) MSL  
 PH = 3.2 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 1860 UMHOS/CM  
 WATER TEMPERATURE = 21.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 24 GAL

## LABORATORY ANALYSES

0	BROMODICHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0	TRICHLOROFLUOROMETHANE	LT	5 UG/L	ENV. ENG.
0	CARBON TETRACHLORIDE	LT	5.00 UG/L	ENV. ENG.
0	BROMOFORM	LT	10 UG/L	ENV. ENG.
0	CHLOROFORM	LT	5 UG/L	ENV. ENG.
0	METHYLENE CHLORIDE	LT	5 UG/L	ENV. ENG.
0	BROMOMETHANE	LT	10 UG/L	ENV. ENG.
0	CHLOROMETHANE	LT	10 UG/L	ENV. ENG.
0	CHLOROBENZENE	LT	5 UG/L	ENV. ENG.
0	CHLOROETHENE	LT	10 UG/L	ENV. ENG.
0	CHLOROETHANE	LT	10 UG/L	ENV. ENG.
0	BENZENE	LT	5 UG/L	ENV. ENG.
0	DIBROMOCHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0	ETHYLBENZENE	LT	5 UG/L	ENV. ENG.
0	TOLUENE	LT	5 UG/L	ENV. ENG.
0	1,1,2,2-TETRACHLOROETHANE	LT	10 UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	LT	5.00 UG/L	ENV. ENG.
2	TRICHLOROETHYLENE		67.0 UG/L	ENV. ENG.
0	TRANS-1,2-DICHLOROETHENE	LT	5 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	5 UG/L	ENV. ENG.
0	1,1-DICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,1,1-TRICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,1,2-TRICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,2-DICHLOROETHANE	LT	1 UG/L	ENV. ENG.
0	1,2-DICHLOROPROPANE	LT	10 UG/L	ENV. ENG.
0	CIS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0	TRANS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0	2-CHLOROETHYL VINYL ETHER	LT	10 UG/L	ENV. ENG.

## WELL DCB 8

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/06/88 TIME 1440  
 DEPTH TO WATER = 12.93 FT ( 3.94 M) BELOW THE TOC  
 WATER ELEVATION = 123.87 FT ( 37.76 M) MSL  
 PH = 4.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 55 UMHOS/CM  
 WATER TEMPERATURE = 20.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 36 GAL

## WELL DCB 9

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/26/88 TIME 1350  
 DEPTH TO WATER = 9.42 FT ( 2.87 M) BELOW THE TOC  
 WATER ELEVATION = 112.88 FT ( 34.41 M) MSL  
 PH = 3.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 1395 UMHOS/CM  
 WATER TEMPERATURE = 20.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 41 GAL

## LABORATORY ANALYSES

0	BROMODICHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0	TRICHLOROFLUOROMETHANE	LT	5 UG/L	ENV. ENG.
0	CARBON TETRACHLORIDE	LT	5.00 UG/L	ENV. ENG.
0	BROMOFORM	LT	10 UG/L	ENV. ENG.
0	CHLOROFORM	LT	5 UG/L	ENV. ENG.
0	METHYLENE CHLORIDE	LT	5 UG/L	ENV. ENG.
0	BROMOMETHANE	LT	10 UG/L	ENV. ENG.
0	CHLOROMETHANE	LT	10 UG/L	ENV. ENG.
0	CHLOROBENZENE	LT	5 UG/L	ENV. ENG.
0	CHLOROETHENE	LT	10 UG/L	ENV. ENG.
0	CHLOROETHANE	LT	10 UG/L	ENV. ENG.
0	BENZENE	LT	5 UG/L	ENV. ENG.
0	DIBROMOCHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0	ETHYLBENZENE	LT	5 UG/L	ENV. ENG.
0	TOLUENE	LT	5 UG/L	ENV. ENG.
0	1,1,2,2-TETRACHLOROETHANE	LT	10 UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	LT	5.00 UG/L	ENV. ENG.

CONTINUED



WELL DCB 9 COLLECTED ON 12/26/88 LABORATORY ANALYSES CONTINUED

2	TRICHLOROETHYLENE		78.0	UG/L	ENV. ENG.
0	TRANS-1,2-DICHLOROETHENE	LT	5	UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	5	UG/L	ENV. ENG.
0	1,1-DICHLOROETHANE	LT	5	UG/L	ENV. ENG.
0	1,1,1-TRICHLOROETHANE	LT	5	UG/L	ENV. ENG.
0	1,1,2-TRICHLOROETHANE	LT	5	UG/L	ENV. ENG.
0	1,2-DICHLOROETHANE	LT	1	UG/L	ENV. ENG.
0	1,2-DICHLOROPROPANE	LT	10	UG/L	ENV. ENG.
0	CIS-1,3-DICHLOROPROPENE	LT	5	UG/L	ENV. ENG.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	UG/L	ENV. ENG.
0	2-CHLOROETHYL VINYL ETHER	LT	10	UG/L	ENV. ENG.

WELL DCB 10

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/26/88 TIME 1410  
 DEPTH TO WATER = 11.13 FT ( 3.39 M) BELOW THE TOC  
 WATER ELEVATION = 112.77 FT ( 34.37 M) MSL  
 PH = 2.4 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 5900 UMHOS/CM  
 WATER TEMPERATURE = 20.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 34 GAL

LABORATORY ANALYSES

0	BROMODICHLOROMETHANE	LT	5	UG/L	ENV. ENG.
0	TRICHLOROFLUOROMETHANE	LT	5	UG/L	ENV. ENG.
0	CARBON TETRACHLORIDE	LT	5.00	UG/L	ENV. ENG.
0	BROMOFORM	LT	10	UG/L	ENV. ENG.
0	CHLOROFORM	LT	5	UG/L	ENV. ENG.
0	METHYLENE CHLORIDE	LT	5	UG/L	ENV. ENG.
0	BROMOMETHANE	LT	10	UG/L	ENV. ENG.
0	CHLOROMETHANE	LT	10	UG/L	ENV. ENG.
0	CHLOROBENZENE	LT	5	UG/L	ENV. ENG.
0	CHLOROETHENE	LT	10	UG/L	ENV. ENG.
0	CHLOROETHANE	LT	10	UG/L	ENV. ENG.
0	BENZENE	LT	5	UG/L	ENV. ENG.
0	DIBROMOCHLOROMETHANE	LT	5	UG/L	ENV. ENG.
0	ETHYL BENZENE	LT	5	UG/L	ENV. ENG.
0	TOLUENE	LT	5	UG/L	ENV. ENG.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	LT	5.00	UG/L	ENV. ENG.
0	TRICHLOROETHYLENE	LT	5.00	UG/L	ENV. ENG.
0	TRANS-1,2-DICHLOROETHENE	LT	5	UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	5	UG/L	ENV. ENG.
0	1,1-DICHLOROETHANE	LT	5	UG/L	ENV. ENG.
0	1,1,1-TRICHLOROETHANE	LT	5	UG/L	ENV. ENG.
0	1,1,2-TRICHLOROETHANE	LT	5	UG/L	ENV. ENG.
0	1,2-DICHLOROETHANE	LT	1	UG/L	ENV. ENG.
0	1,2-DICHLOROPROPANE	LT	10	UG/L	ENV. ENG.
0	CIS-1,3-DICHLOROPROPENE	LT	5	UG/L	ENV. ENG.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	UG/L	ENV. ENG.
0	2-CHLOROETHYL VINYL ETHER	LT	10	UG/L	ENV. ENG.

WELL DCB 11

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/06/88 TIME 1510  
 DEPTH TO WATER = 10.35 FT ( 3.15 M) BELOW THE TOC  
 WATER ELEVATION = 120.25 FT ( 36.65 M) MSL  
 PH = 5.4 ALKALINITY = 20 MG/L  
 SPECIFIC CONDUCTANCE = 3770 UMHOS/CM  
 WATER TEMPERATURE = 21.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 21 GAL  
 THE WELL WENT DRY DURING PURGING.

WELL DCB 12

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/26/88 TIME 1320  
 DEPTH TO WATER = 8.53 FT ( 2.60 M) BELOW THE TOC  
 WATER ELEVATION = 108.37 FT ( 33.03 M) MSL  
 PH = 3.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 1200 UMHOS/CM  
 WATER TEMPERATURE = 19.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 76 GAL

LABORATORY ANALYSES

0	BROMODICHLOROMETHANE	LT	5	UG/L	ENV. ENG.
0	TRICHLOROFLUOROMETHANE	LT	5	UG/L	ENV. ENG.
0	CARBON TETRACHLORIDE	LT	5.00	UG/L	ENV. ENG.
0	BROMOFORM	LT	10	UG/L	ENV. ENG.
0	CHLOROFORM	LT	5	UG/L	ENV. ENG.
0	METHYLENE CHLORIDE	LT	5	UG/L	ENV. ENG.
0	BROMOMETHANE	LT	10	UG/L	ENV. ENG.
0	CHLOROMETHANE	LT	10	UG/L	ENV. ENG.
0	CHLOROBENZENE	LT	5	UG/L	ENV. ENG.
0	CHLOROETHENE	LT	10	UG/L	ENV. ENG.
0	CHLOROETHANE	LT	10	UG/L	ENV. ENG.
0	BENZENE	LT	5	UG/L	ENV. ENG.
0	DIBROMOCHLOROMETHANE	LT	5	UG/L	ENV. ENG.
0	ETHYL BENZENE	LT	5	UG/L	ENV. ENG.
0	TOLUENE	LT	5	UG/L	ENV. ENG.
0	1,1,2,2-TETRACHLOROETHANE	LT	10	UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	LT	5.00	UG/L	ENV. ENG.
2	TRICHLOROETHYLENE		50.0	UG/L	ENV. ENG.

CONTINUED

WELL DCB 12 COLLECTED ON 12/26/88 LABORATORY ANALYSES CONTINUED

0	TRANS-1,2-DICHLOROETHENE	LT	5	UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	5	UG/L	ENV. ENG.
0	1,1-DICHLOROETHANE	LT	5	UG/L	ENV. ENG.
0	1,1,1-TRICHLOROETHANE	LT	5	UG/L	ENV. ENG.
0	1,1,2-TRICHLOROETHANE	LT	5	UG/L	ENV. ENG.
0	1,2-DICHLOROETHANE	LT	1	UG/L	ENV. ENG.
0	1,2-DICHLOROPROPANE	LT	10	UG/L	ENV. ENG.
0	CIS-1,3-DICHLOROPROPENE	LT	5	UG/L	ENV. ENG.
0	TRANS-1,3-DICHLOROPROPENE	LT	5	UG/L	ENV. ENG.
0	2-CHLOROETHYL VINYL ETHER	LT	10	UG/L	ENV. ENG.

WELL DCB 13

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/11/88 TIME 1505  
 PH = 5.4 ALKALINITY = 41 MG/L  
 SPECIFIC CONDUCTANCE = 270 UMHOS/CM  
 WATER TEMPERATURE = 18.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 3 GAL  
 THE WELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		247.0	UMHC	ENV. ENG.
0	PH		5.18	PH	ENV. ENG.
0	SILVER	LT	2	UG/L	ENV. ENG.
1	ARSENIC		4	UG/L	ENV. ENG.
1	BARIUM		336	UG/L	ENV. ENG.
1	BARIUM		347	UG/L	ENV. ENG.
1	CALCIUM		14500	UG/L	ENV. ENG.
1	CALCIUM		12700	UG/L	ENV. ENG.
0	CADMIUM	LT	2	UG/L	ENV. ENG.
0	CADMIUM	LT	2	UG/L	ENV. ENG.
1	CHLORIDE		20800	UG/L	ENV. ENG.
0	CHROMIUM	LT	4	UG/L	ENV. ENG.
0	CHROMIUM	LT	4	UG/L	ENV. ENG.
0	ENDRIN	LT	0.10	UG/L	ENV. ENG.
0	FLUORIDE		150	UG/L	ENV. ENG.
2	IRON		21200	UG/L	ENV. ENG.
2	IRON		19600	UG/L	ENV. ENG.
0	MERCURY	LT	0.20	UG/L	ENV. ENG.
0	POTASSIUM		2620	UG/L	ENV. ENG.
0	POTASSIUM		2930	UG/L	ENV. ENG.
0	LINDANE	LT	0.05	UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.50	UG/L	ENV. ENG.
0	MAGNESIUM		2630	UG/L	ENV. ENG.
2	MANGANESE		2410	UG/L	ENV. ENG.
2	MANGANESE		111	UG/L	ENV. ENG.
1	SODIUM		113	UG/L	ENV. ENG.
1	SODIUM		9740	UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	LT	9780	UG/L	ENV. ENG.
0	LEAD	LT	50	UG/L	ENV. ENG.
0	LEAD	LT	6	UG/L	ENV. ENG.
0	PHENOL	LT	6	UG/L	ENV. ENG.
0	SELENIUM	LT	5	UG/L	ENV. ENG.
1	SILICA		2	UG/L	ENV. ENG.
0	SILVEX	LT	25300	UG/L	ENV. ENG.
1	SULFATE		0.09	UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		24600	UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON		160000	UG/L	ENV. ENG.
2	TOTAL ORGANIC HALOGENS		4500	UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		134	UG/L	ENV. ENG.
0	TOXAPHENE	LT	70	UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	1	UG/L	ENV. ENG.
0	GROSS ALPHA		0.30	UG/L	ENV. ENG.
0	GROSS ALPHA		4.58+-1.94	PCI/L	HP, 735A
0	NONVOLATILE BETA		3.96+-1.54	PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		7.67+-2.32	PCI/L	HP, 735A
0	NONVOLATILE BETA	LT	2	PCI/L	RAD. MEAS.
0	TOTAL RADIUM		0.80+-0.61	PCI/L	RAD. MEAS.
0	TRITIUM		4.12+-0.50	PCI/ML	HP, 735A
0	TRITIUM		1.67+-0.28	PCI/ML	RAD. MEAS.

WELL DCB 14

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 1655  
 DEPTH TO WATER = 20.31 FT ( 6.19 M) BELOW THE TOC  
 PH = 4.2 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 7100 UMHOS/CM  
 WATER TEMPERATURE = 21.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 66 GAL

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		5670	UMHC	ENV. ENG.
1	PH		3.63	PH	ENV. ENG.
1	SILVER		14	UG/L	ENV. ENG.
1	ARSENIC		2	UG/L	ENV. ENG.
0	BARIUM	LT	4	UG/L	ENV. ENG.
1	CALCIUM		71000	UG/L	ENV. ENG.
0	CADMIUM	LT	2	UG/L	ENV. ENG.
1	CHLORIDE		14400	UG/L	ENV. ENG.
1	CHROMIUM		18	UG/L	ENV. ENG.
0	ENDRIN	LT	0.10	UG/L	ENV. ENG.
2	FLUORIDE		9000	UG/L	ENV. ENG.
2	IRON		706000	UG/L	ENV. ENG.
0	MERCURY	LT	0.20	UG/L	ENV. ENG.
1	POTASSIUM		7710	UG/L	ENV. ENG.
0	LINDANE	LT	0.05	UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.50	UG/L	ENV. ENG.

CONTINUED

WELL DCB 14 COLLECTED ON 12/10/88 LABORATORY ANALYSES CONTINUED

1	MAGNESIUM	106000	UG/L	ENV.	ENG.
2	MANGANESE	19300	UG/L	ENV.	ENG.
1	SODIUM	56900	UG/L	ENV.	ENG.
0	NITRATE AS NITROGEN	LT	50	UG/L	ENV.
0	LEAD	LT	19	UG/L	ENV.
1	PHENOL	LT	6	UG/L	ENV.
1	PHENOL	LT	7	UG/L	ENV.
0	SELENIUM	LT	2	UG/L	ENV.
1	SILICA	LT	21000	UG/L	ENV.
0	SILVEX	LT	0.09	UG/L	ENV.
2	SULFATE	5999000	UG/L	ENV.	ENG.
2	SULFATE	5562000	UG/L	ENV.	ENG.
0	TOTAL DISSOLVED SOLIDS	1280000	UG/L	ENV.	ENG.
1	TOTAL ORGANIC CARBON	8400	UG/L	ENV.	ENG.
1	TOTAL ORGANIC CARBON	8200	UG/L	ENV.	ENG.
2	TOTAL ORGANIC HALOGENS	202	UG/L	ENV.	ENG.
2	TOTAL ORGANIC HALOGENS	334	UG/L	ENV.	ENG.
2	TOTAL ORGANIC HALOGENS	235	UG/L	ENV.	ENG.
0	TOTAL PHOSPHATES	210	UG/L	ENV.	ENG.
0	TOXAPHENE	LT	1	UG/L	ENV.
0	2,4-DICHLOROPHENOXACETIC ACID	LT	0.30	UG/L	ENV.
0	GROSS ALPHA	0.06+-5.44	PCI/L	HP,	73SA
0	GROSS ALPHA	LT	3	PCI/L	RAD. MEAS.
1	NONVOLATILE BETA	26.20+-13.1	PCI/L	HP,	73SA
2	NONVOLATILE BETA	59.40+-31.7	PCI/L	RAD. MEAS.	
0	TOTAL RADIUM	2.49+-0.98	PCI/L	RAD. MEAS.	
2	TRITIUM	225+-2.15	PCI/ML	HP,	73SA
1	TRITIUM	18.60+-0.50	PCI/ML	RAD. MEAS.	

WELL DCB 15

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/11/88 TIME 1410  
 DEPTH TO WATER = 19.89 FT ( 6.06 M) BELOW THE TOC  
 PH = 5.5 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 350 UMHOS/CM  
 WATER TEMPERATURE = 16.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 4 GAL  
 THE WELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	302.0	UMHC	ENV.	ENG.
0	PH	4.58	PH	ENV.	ENG.
0	SILVER	LT	2	UG/L	ENV.
0	ARSENIC	LT	2	UG/L	ENV.
1	BARIUM	LT	84	UG/L	ENV.
1	CALCIUM	16800	UG/L	ENV.	ENG.
1	CALCIUM	16000	UG/L	ENV.	ENG.
0	CADMIUM	LT	2	UG/L	ENV.
0	CHLORIDE	LT	7400	UG/L	ENV.
0	CHROMIUM	LT	4	UG/L	ENV.
0	ENDRIN	LT	0.10	UG/L	ENV.
0	FLUORIDE	LT	160	UG/L	ENV.
0	FLUORIDE	LT	160	UG/L	ENV.
2	IRON	14600	UG/L	ENV.	ENG.
0	MERCURY	LT	0.20	UG/L	ENV.
0	POTASSIUM	LT	3470	UG/L	ENV.
0	LINDANE	LT	0.05	UG/L	ENV.
0	METHOXYCHLOR	LT	0.50	UG/L	ENV.
0	MAGNESIUM	LT	3910	UG/L	ENV.
2	MANGANESE	275	UG/L	ENV.	ENG.
1	SODIUM	12200	UG/L	ENV.	ENG.
0	NITRATE AS NITROGEN	260	UG/L	ENV.	ENG.
2	LEAD	47	UG/L	ENV.	ENG.
1	PHENOL	LT	8	UG/L	ENV.
0	SELENIUM	LT	2	UG/L	ENV.
1	SILICA	18900	UG/L	ENV.	ENG.
0	SILVEX	LT	0.09	UG/L	ENV.
1	SULFATE	112000	UG/L	ENV.	ENG.
0	TOTAL DISSOLVED SOLIDS	212000	UG/L	ENV.	ENG.
0	TOTAL ORGANIC CARBON	LT	1000	UG/L	ENV.
2	TOTAL ORGANIC HALOGENS	39	UG/L	ENV.	ENG.
0	TOTAL PHOSPHATES	40	UG/L	ENV.	ENG.
0	TOXAPHENE	LT	1	UG/L	ENV.
0	2,4-DICHLOROPHENOXACETIC ACID	LT	0.30	UG/L	ENV.
0	GROSS ALPHA	3.75+-1.76	PCI/L	HP,	73SA
0	GROSS ALPHA	4.23+-2.20	PCI/L	RAD. MEAS.	
1	NONVOLATILE BETA	11.90+-2.76	PCI/L	HP,	73SA
0	NONVOLATILE BETA	5.52+-2.09	PCI/L	RAD. MEAS.	
0	TOTAL RADIUM	LT	1	PCI/L	RAD. MEAS.
0	TRITIUM	8.49+-0.58	PCI/ML	HP,	73SA
0	TRITIUM	5.96+-0.33	PCI/ML	RAD. MEAS.	

WELL DCB 16

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/11/88 TIME 1345  
 DEPTH TO WATER = 18.11 FT ( 5.52 M) BELOW THE TOC  
 PH = 6.8 ALKALINITY = 218 MG/L  
 SPECIFIC CONDUCTANCE = 840 UMHOS/CM  
 WATER TEMPERATURE = 18.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 4 GAL  
 THE WELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	716.0	UMHC	ENV.	ENG.
1	PH	6.60	PH	ENV.	ENG.
0	SILVER	LT	2	UG/L	ENV.
0	ARSENIC	LT	2	UG/L	ENV.

CONTINUED

WELL DCB 16 COLLECTED ON 12/11/88 LABORATORY ANALYSES CONTINUED

1	BARIUM	74	UG/L	ENV.	ENG.
1	CALCIUM	94400	UG/L	ENV.	ENG.
0	CADMIUM	LT	2	UG/L	ENV.
1	CHLORIDE	LT	14000	UG/L	ENV.
0	CHROMIUM	LT	4	UG/L	ENV.
0	ENDRIN	LT	0.10	UG/L	ENV.
0	FLUORIDE	LT	160	UG/L	ENV.
2	IRON	LT	8230	UG/L	ENV.
0	MERCURY	LT	0.20	UG/L	ENV.
0	MERCURY	LT	0.20	UG/L	ENV.
1	POTASSIUM	LT	9500	UG/L	ENV.
0	LINDANE	LT	0.05	UG/L	ENV.
0	METHOXYCHLOR	LT	0.50	UG/L	ENV.
1	MAGNESIUM	LT	8960	UG/L	ENV.
2	MANGANESE	87	UG/L	ENV.	ENG.
1	SODIUM	22500	UG/L	ENV.	ENG.
0	NITRATE AS NITROGEN	LT	80	UG/L	ENV.
0	LEAD	LT	6	UG/L	ENV.
0	PHENOL	LT	5	UG/L	ENV.
0	SELENIUM	LT	2	UG/L	ENV.
1	SILICA	LT	1510	UG/L	ENV.
0	SILVEX	LT	0.09	UG/L	ENV.
2	SULFATE	156000	UG/L	ENV.	ENG.
0	TOTAL DISSOLVED SOLIDS	480000	UG/L	ENV.	ENG.
0	TOTAL ORGANIC CARBON	LT	1000	UG/L	ENV.
2	TOTAL ORGANIC HALOGENS	31	UG/L	ENV.	ENG.
0	TOTAL PHOSPHATES	LT	20	UG/L	ENV.
0	TOXAPHENE	LT	1	UG/L	ENV.
0	2,4-DICHLOROPHENOXACETIC ACID	LT	0.30	UG/L	ENV.
0	GROSS ALPHA	-1.39+-0.23	PCI/L	HP,	73SA
0	GROSS ALPHA	LT	3	PCI/L	RAD. MEAS.
1	NONVOLATILE BETA	17.00+-4.00	PCI/L	HP,	73SA
1	NONVOLATILE BETA	10.10+-6.22	PCI/L	RAD. MEAS.	
0	TOTAL RADIUM	LT	1	PCI/L	RAD. MEAS.
0	TRITIUM	1.89+-0.45	PCI/ML	HP,	73SA
0	TRITIUM	0.56+-0.24	PCI/ML	RAD. MEAS.	

WELL DCB 1

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/26/88 TIME 1505  
 DEPTH TO WATER = 14.27 FT ( 4.35 M) BELOW THE TOC  
 WATER ELEVATION = 137.43 FT ( 41.89 M) MSL  
 PH = 4.9 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 78 UMHOS/CM  
 WATER TEMPERATURE = 18.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 59 GAL

LABORATORY ANALYSES

0	ACENAPHTHENE	LT	10	UG/L	ENV.
0	ACENAPHTHYLENE	LT	10	UG/L	ENV.
0	ANTHRACENE	LT	10	UG/L	ENV.
0	BENZO(A)ANTHRACENE	LT	10	UG/L	ENV.
0	BENZO(A)PYRENE	LT	20	UG/L	ENV.
0	BUTYLBENZYL PHTHALATE	LT	10	UG/L	ENV.
0	BENZIDINE	LT	40	UG/L	ENV.
0	BENZO(G,H,I)PERYLENE	LT	20	UG/L	ENV.
0	BENZO(K)FLUORANTHENE	LT	20	UG/L	ENV.
0	BIS(2-CHLOROETHOXY) METHANE	LT	20	UG/L	ENV.
0	BIS(2-CHLOROISOPROPYL) ETHER	LT	20	UG/L	ENV.
0	BIS(2-CHLOROETHYL) ETHER	LT	10	UG/L	ENV.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10	UG/L	ENV.
0	CHRYSENE	LT	20	UG/L	ENV.
0	HEXACHLOROBENZENE	LT	10	UG/L	ENV.
0	HEXACHLOROCYCLOPENTADIENE	LT	10	UG/L	ENV.
0	HEXACHLOROETHANE	LT	10	UG/L	ENV.
0	DIBENZO(A,H)ANTHRACENE	LT	20	UG/L	ENV.
0	DIBETHYL PHTHALATE	LT	10	UG/L	ENV.
0	DIMETHYL PHTHALATE	LT	10	UG/L	ENV.
0	DI-N-BUTYL PHTHALATE	LT	10	UG/L	ENV.
0	DI-N-OCTYL PHTHALATE	LT	10	UG/L	ENV.
0	FLUORANTHENE	LT	10	UG/L	ENV.
0	FLUDRENE	LT	10	UG/L	ENV.
0	HEXACHLOROBUTADIENE	LT	10	UG/L	ENV.
0	INDENO(1,2,3-C,D)PYRENE	LT	20	UG/L	ENV.
0	ISOPHORONE	LT	10	UG/L	ENV.
0	NAPHTHALENE	LT	10	UG/L	ENV.
0	NITROBENZENE	LT	10	UG/L	ENV.
0	N-NITROSODIMETHYLAMINE	LT	10	UG/L	ENV.
0	N-NITROSODI-PROPYLAMINE	LT	10	UG/L	ENV.
0	N-NITROSODIPHENYLAMINE	LT	10	UG/L	ENV.
0	PENTACHLOROPHENOL	LT	10	UG/L	ENV.
0	PHENANTHRENE	LT	10	UG/L	ENV.
0	PHENOL	LT	10	UG/L	ENV.
0	PYRENE	LT	10	UG/L	ENV.
0	1,2-DICHLOROBENZENE	LT	10	UG/L	ENV.
0	1,2-DIPHENYL HYDRAZINE	LT	20	UG/L	ENV.
0	1,2,3-TRICHLOROBENZENE	LT	10	UG/L	ENV.
0	1,3-DICHLOROBENZENE	LT	10	UG/L	ENV.
0	1,4-DICHLOROBENZENE	LT	10	UG/L	ENV.
0	2-CHLOROPHENOL	LT	10	UG/L	ENV.
0	2-CHLORONAPHTHALENE	LT	10	UG/L	ENV.
0	2-NITROPHENOL	LT	20	UG/L	ENV.
0	2,4-DICHLOROPHENOL	LT	10	UG/L	ENV.
0	2,4-DIMETHYL PHENOL	LT	10	UG/L	ENV.
0	2,4-DINITROPHENOL	LT	50	UG/L	ENV.
0	2,4-DINITROTOLUENE	LT	20	UG/L	ENV.
0	2,4,6-TRICHLOROPHENOL	LT	10	UG/L	ENV.
0	2,6-DINITROTOLUENE	LT	20	UG/L	ENV.
0	3,3-DICHLOROBENZIDENE	LT	20	UG/L	ENV.
0	3,4-BENZOFUORANTHENE	LT	20	UG/L	ENV.
0	4-BROMOPHENYLPHENYL ETHER	LT	10	UG/L	ENV.
0	4-CHLOROPHENYLPHENYL ETHER	LT	10	UG/L	ENV.
0	3-METHYL-4-CHLOROPHENOL	LT	10	UG/L	ENV.

CONTINUED

WELL DOB 1 COLLECTED ON 12/26/88 LABORATORY ANALYSES CONTINUED

0 4-NITROPHENOL LT 50 UG/L ENV. ENG.  
0 2-METHYL-4,6-DINITROPHENOL LT 20 UG/L ENV. ENG.

WELL DOB 2

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/26/88 TIME 1440  
DEPTH TO WATER = 15.21 FT ( 4.64 M) BELOW THE TOC  
WATER ELEVATION = 136.99 FT ( 41.76 M) MSL  
PH = 5.1 ALKALINITY = 1 MG/L  
SPECIFIC CONDUCTANCE = 57 UMHOS/CM  
WATER TEMPERATURE = 19.2 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 56 GAL

LABORATORY ANALYSES

0 ACENAPHTHENE LT 10 UG/L ENV. ENG.  
0 ACENAPHTHYLENE LT 10 UG/L ENV. ENG.  
0 ANTHRACENE LT 10 UG/L ENV. ENG.  
0 BENZO(A)ANTHRACENE LT 10 UG/L ENV. ENG.  
0 BENZO(A)PYRENE LT 20 UG/L ENV. ENG.  
0 BUTYLBENZYL PHTHALATE LT 10 UG/L ENV. ENG.  
0 BENZIDINE LT 40 UG/L ENV. ENG.  
0 BENZO(G,H,I)PERYLENE LT 20 UG/L ENV. ENG.  
0 BENZO(K)FLUORANTHENE LT 20 UG/L ENV. ENG.  
0 BIS(2-CHLOROETHOXY) METHANE LT 20 UG/L ENV. ENG.  
0 BIS(2-CHLOROISOPROPYL) ETHER LT 20 UG/L ENV. ENG.  
0 BIS(2-CHLOROETHYL) ETHER LT 10 UG/L ENV. ENG.  
1 BIS(2-ETHYLHEXYL) PHTHALATE LT 22 UG/L ENV. ENG.  
0 CHRYSENE LT 20 UG/L ENV. ENG.  
0 HEXACHLOROBENZENE LT 10 UG/L ENV. ENG.  
0 HEXACHLOROCYCLOPENTADIENE LT 10 UG/L ENV. ENG.  
0 HEXACHLOROETHANE LT 10 UG/L ENV. ENG.  
0 DIBENZO(A,H)ANTHRACENE LT 20 UG/L ENV. ENG.  
0 DIETHYL PHTHALATE LT 10 UG/L ENV. ENG.  
0 DIMETHYL PHTHALATE LT 10 UG/L ENV. ENG.  
0 DI-N-BUTYL PHTHALATE LT 10 UG/L ENV. ENG.  
0 DI-N-OCTYL PHTHALATE LT 10 UG/L ENV. ENG.  
0 FLUORANTHENE LT 10 UG/L ENV. ENG.  
0 FLUORENE LT 10 UG/L ENV. ENG.  
0 HEXACHLOROBUTADIENE LT 10 UG/L ENV. ENG.  
0 INDENOL 1,2,3-C,D)PYRENE LT 20 UG/L ENV. ENG.  
0 ISOPHORBONE LT 10 UG/L ENV. ENG.  
0 NAPHTHALENE LT 10 UG/L ENV. ENG.  
0 NITROBENZENE LT 10 UG/L ENV. ENG.  
0 N-NITROSODIMETHYLAMINE LT 10 UG/L ENV. ENG.  
0 N-NITROSODI-PROPYLAMINE LT 10 UG/L ENV. ENG.  
0 N-NITROSODIPHENYLAMINE LT 10 UG/L ENV. ENG.  
0 PENTACHLOROPHENOL LT 10 UG/L ENV. ENG.  
0 PHENANTHRENE LT 10 UG/L ENV. ENG.  
0 PHENOL LT 10 UG/L ENV. ENG.  
0 PYRENE LT 10 UG/L ENV. ENG.  
0 1,2-DICHLOROBENZENE LT 10 UG/L ENV. ENG.  
0 1,2-DIPHENYL HYDRAZINE LT 20 UG/L ENV. ENG.  
0 1,2,3-TRICHLOROBENZENE LT 10 UG/L ENV. ENG.  
0 1,3-DICHLOROBENZENE LT 10 UG/L ENV. ENG.  
0 1,4-DICHLOROBENZENE LT 10 UG/L ENV. ENG.  
0 2-CHLOROPHENOL LT 10 UG/L ENV. ENG.  
0 2-CHLORONAPHTHALENE LT 10 UG/L ENV. ENG.  
0 2-NITROPHENOL LT 20 UG/L ENV. ENG.  
0 2,4-DICHLOROPHENOL LT 10 UG/L ENV. ENG.  
0 2,4-DIMETHYL PHENOL LT 10 UG/L ENV. ENG.  
0 2,4-DINITROPHENOL LT 50 UG/L ENV. ENG.  
0 2,4-DINITROTOLUENE LT 20 UG/L ENV. ENG.  
0 2,4,6-TRICHLOROPHENOL LT 10 UG/L ENV. ENG.  
0 2,6-DINITROTOLUENE LT 20 UG/L ENV. ENG.  
0 3,3-DICHLOROBENZIDENE LT 20 UG/L ENV. ENG.  
0 3,4-BENZOFUORANTHENE LT 20 UG/L ENV. ENG.  
0 4-BROMOPHENYLPHENYL ETHER LT 10 UG/L ENV. ENG.  
0 4-CHLOROPHENYLPHENYL ETHER LT 10 UG/L ENV. ENG.  
0 3-METHYL-4-CHLOROPHENOL LT 10 UG/L ENV. ENG.  
0 4-NITROPHENOL LT 50 UG/L ENV. ENG.  
0 2-METHYL-4,6-DINITROPHENOL LT 20 UG/L ENV. ENG.

WELL DOB 3

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/26/88 TIME 1530  
DEPTH TO WATER = 15.61 FT ( 4.76 M) BELOW THE TOC  
WATER ELEVATION = 137.19 FT ( 41.82 M) MSL  
PH = 5.5 ALKALINITY = 1 MG/L  
SPECIFIC CONDUCTANCE = 34 UMHOS/CM  
WATER TEMPERATURE = 19.7 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 55 GAL

LABORATORY ANALYSES

0 ACENAPHTHENE LT 10 UG/L ENV. ENG.  
0 ACENAPHTHYLENE LT 10 UG/L ENV. ENG.  
0 ANTHRACENE LT 10 UG/L ENV. ENG.  
0 BENZO(A)ANTHRACENE LT 10 UG/L ENV. ENG.  
0 BENZO(A)PYRENE LT 20 UG/L ENV. ENG.  
0 BUTYLBENZYL PHTHALATE LT 10 UG/L ENV. ENG.  
0 BENZIDINE LT 40 UG/L ENV. ENG.  
0 BENZO(G,H,I)PERYLENE LT 20 UG/L ENV. ENG.  
0 BENZO(K)FLUORANTHENE LT 20 UG/L ENV. ENG.  
0 BIS(2-CHLOROETHOXY) METHANE LT 20 UG/L ENV. ENG.  
0 BIS(2-CHLOROISOPROPYL) ETHER LT 20 UG/L ENV. ENG.  
0 BIS(2-CHLOROETHYL) ETHER LT 10 UG/L ENV. ENG.  
0 BIS(2-ETHYLHEXYL) PHTHALATE LT 25 UG/L ENV. ENG.  
0 CHRYSENE LT 20 UG/L ENV. ENG.

CONTINUED

WELL DOB 3 COLLECTED ON 12/26/88 LABORATORY ANALYSES CONTINUED

0 HEXACHLOROBENZENE LT 10 UG/L ENV. ENG.  
0 HEXACHLOROCYCLOPENTADIENE LT 10 UG/L ENV. ENG.  
0 HEXACHLOROETHANE LT 10 UG/L ENV. ENG.  
0 DIBENZO(A,H)ANTHRACENE LT 20 UG/L ENV. ENG.  
0 DIETHYL PHTHALATE LT 10 UG/L ENV. ENG.  
0 DIMETHYL PHTHALATE LT 10 UG/L ENV. ENG.  
0 DI-N-BUTYL PHTHALATE LT 10 UG/L ENV. ENG.  
0 DI-N-OCTYL PHTHALATE LT 10 UG/L ENV. ENG.  
0 FLUORANTHENE LT 10 UG/L ENV. ENG.  
0 FLUORENE LT 10 UG/L ENV. ENG.  
0 HEXACHLOROBUTADIENE LT 10 UG/L ENV. ENG.  
0 INDENOL 1,2,3-C,D)PYRENE LT 20 UG/L ENV. ENG.  
0 ISOPHORBONE LT 10 UG/L ENV. ENG.  
0 NAPHTHALENE LT 10 UG/L ENV. ENG.  
0 NITROBENZENE LT 10 UG/L ENV. ENG.  
0 N-NITROSODIMETHYLAMINE LT 10 UG/L ENV. ENG.  
0 N-NITROSODI-PROPYLAMINE LT 10 UG/L ENV. ENG.  
0 N-NITROSODIPHENYLAMINE LT 10 UG/L ENV. ENG.  
0 PENTACHLOROPHENOL LT 10 UG/L ENV. ENG.  
0 PHENANTHRENE LT 10 UG/L ENV. ENG.  
0 PHENOL LT 10 UG/L ENV. ENG.  
0 PYRENE LT 10 UG/L ENV. ENG.  
0 1,2-DICHLOROBENZENE LT 10 UG/L ENV. ENG.  
0 1,2-DIPHENYL HYDRAZINE LT 20 UG/L ENV. ENG.  
0 1,2,3-TRICHLOROBENZENE LT 10 UG/L ENV. ENG.  
0 1,3-DICHLOROBENZENE LT 10 UG/L ENV. ENG.  
0 1,4-DICHLOROBENZENE LT 10 UG/L ENV. ENG.  
0 2-CHLOROPHENOL LT 10 UG/L ENV. ENG.  
0 2-CHLORONAPHTHALENE LT 10 UG/L ENV. ENG.  
0 2-NITROPHENOL LT 20 UG/L ENV. ENG.  
0 2,4-DICHLOROPHENOL LT 10 UG/L ENV. ENG.  
0 2,4-DIMETHYL PHENOL LT 10 UG/L ENV. ENG.  
0 2,4-DINITROPHENOL LT 50 UG/L ENV. ENG.  
0 2,4-DINITROTOLUENE LT 20 UG/L ENV. ENG.  
0 2,4,6-TRICHLOROPHENOL LT 10 UG/L ENV. ENG.  
0 2,6-DINITROTOLUENE LT 20 UG/L ENV. ENG.  
0 3,3-DICHLOROBENZIDENE LT 20 UG/L ENV. ENG.  
0 3,4-BENZOFUORANTHENE LT 20 UG/L ENV. ENG.  
0 4-BROMOPHENYLPHENYL ETHER LT 10 UG/L ENV. ENG.  
0 4-CHLOROPHENYLPHENYL ETHER LT 10 UG/L ENV. ENG.  
0 3-METHYL-4-CHLOROPHENOL LT 10 UG/L ENV. ENG.  
0 4-NITROPHENOL LT 50 UG/L ENV. ENG.  
0 2-METHYL-4,6-DINITROPHENOL LT 20 UG/L ENV. ENG.

WELL DOB 4

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/26/88 TIME 1555  
DEPTH TO WATER = 16.16 FT ( 4.93 M) BELOW THE TOC  
WATER ELEVATION = 136.84 FT ( 41.71 M) MSL  
PH = 5.2 ALKALINITY = 0 MG/L  
SPECIFIC CONDUCTANCE = 38 UMHOS/CM  
WATER TEMPERATURE = 18.9 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 71 GAL

LABORATORY ANALYSES

0 ACENAPHTHENE LT 10 UG/L ENV. ENG.  
0 ACENAPHTHYLENE LT 10 UG/L ENV. ENG.  
0 ANTHRACENE LT 10 UG/L ENV. ENG.  
0 BENZO(A)ANTHRACENE LT 10 UG/L ENV. ENG.  
0 BENZO(A)PYRENE LT 20 UG/L ENV. ENG.  
0 BUTYLBENZYL PHTHALATE LT 10 UG/L ENV. ENG.  
0 BENZIDINE LT 40 UG/L ENV. ENG.  
0 BENZO(G,H,I)PERYLENE LT 20 UG/L ENV. ENG.  
0 BENZO(K)FLUORANTHENE LT 20 UG/L ENV. ENG.  
0 BIS(2-CHLOROETHOXY) METHANE LT 20 UG/L ENV. ENG.  
0 BIS(2-CHLOROISOPROPYL) ETHER LT 20 UG/L ENV. ENG.  
0 BIS(2-CHLOROETHYL) ETHER LT 10 UG/L ENV. ENG.  
0 BIS(2-ETHYLHEXYL) PHTHALATE LT 10 UG/L ENV. ENG.  
0 CHRYSENE LT 20 UG/L ENV. ENG.  
0 HEXACHLOROBENZENE LT 10 UG/L ENV. ENG.  
0 HEXACHLOROCYCLOPENTADIENE LT 10 UG/L ENV. ENG.  
0 HEXACHLOROETHANE LT 10 UG/L ENV. ENG.  
0 DIBENZO(A,H)ANTHRACENE LT 20 UG/L ENV. ENG.  
0 DIETHYL PHTHALATE LT 10 UG/L ENV. ENG.  
0 DIMETHYL PHTHALATE LT 10 UG/L ENV. ENG.  
0 DI-N-BUTYL PHTHALATE LT 10 UG/L ENV. ENG.  
0 DI-N-OCTYL PHTHALATE LT 10 UG/L ENV. ENG.  
0 FLUORANTHENE LT 10 UG/L ENV. ENG.  
0 FLUORENE LT 10 UG/L ENV. ENG.  
0 HEXACHLOROBUTADIENE LT 10 UG/L ENV. ENG.  
0 INDENOL 1,2,3-C,D)PYRENE LT 20 UG/L ENV. ENG.  
0 ISOPHORBONE LT 10 UG/L ENV. ENG.  
0 NAPHTHALENE LT 10 UG/L ENV. ENG.  
0 NITROBENZENE LT 10 UG/L ENV. ENG.  
0 N-NITROSODIMETHYLAMINE LT 10 UG/L ENV. ENG.  
0 N-NITROSODI-PROPYLAMINE LT 10 UG/L ENV. ENG.  
0 N-NITROSODIPHENYLAMINE LT 10 UG/L ENV. ENG.  
0 PENTACHLOROPHENOL LT 10 UG/L ENV. ENG.  
0 PHENANTHRENE LT 10 UG/L ENV. ENG.  
0 PHENOL LT 10 UG/L ENV. ENG.  
0 PYRENE LT 10 UG/L ENV. ENG.  
0 1,2-DICHLOROBENZENE LT 10 UG/L ENV. ENG.  
0 1,2-DIPHENYL HYDRAZINE LT 20 UG/L ENV. ENG.  
0 1,2,3-TRICHLOROBENZENE LT 10 UG/L ENV. ENG.  
0 1,3-DICHLOROBENZENE LT 10 UG/L ENV. ENG.  
0 1,4-DICHLOROBENZENE LT 10 UG/L ENV. ENG.  
0 2-CHLOROPHENOL LT 10 UG/L ENV. ENG.  
0 2-CHLORONAPHTHALENE LT 10 UG/L ENV. ENG.  
0 2-NITROPHENOL LT 20 UG/L ENV. ENG.  
0 2,4-DICHLOROPHENOL LT 10 UG/L ENV. ENG.  
0 2,4-DIMETHYL PHENOL LT 10 UG/L ENV. ENG.  
0 2,4-DINITROPHENOL LT 50 UG/L ENV. ENG.  
0 2,4-DINITROTOLUENE LT 20 UG/L ENV. ENG.

CONTINUED

WELL DOB 4 COLLECTED ON 12/26/88 LABORATORY ANALYSES CONTINUED

0	2,4,6-TRICHLOROPHENOL	LT	10 UG/L	ENV. ENG.
0	2,6-DINITROTOLUENE	LT	20 UG/L	ENV. ENG.
0	3,3-DICHLOROBENZIDENE	LT	20 UG/L	ENV. ENG.
0	3,4-BENZOFUORANTHENE	LT	20 UG/L	ENV. ENG.
0	4-BROMOPHENYLPHENYL ETHER	LT	10 UG/L	ENV. ENG.
0	4-CHLOROPHENYLPHENYL ETHER	LT	10 UG/L	ENV. ENG.
0	3-METHYL-4-CHLOROPHENOL	LT	10 UG/L	ENV. ENG.
0	4-NITROPHENOL	LT	50 UG/L	ENV. ENG.
0	2-METHYL-4,6-DINITROPHENOL	LT	20 UG/L	ENV. ENG.

WELL F 1

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/12/88 TIME 700  
THE WELL WAS DRY.

WELL F 2

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/12/88 TIME 705  
THE WELL WAS DRY.

WELL F 9

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/12/88 TIME 715  
THE WELL WAS DRY.

WELL F 10

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/12/88 TIME 745  
THE WELL WAS DRY.

WELL F 14

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/12/88 TIME 740  
THE WELL WAS DRY.

WELL F 15

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/12/88 TIME 720  
DEPTH TO WATER = 46.00 FT ( 14.02 M) BELOW THE TOC  
WATER ELEVATION = 207.50 FT ( 63.25 M) MSL  
PH = 4.6  
SPECIFIC CONDUCTANCE = 122 UMHOS/CM  
WATER TEMPERATURE = 15.0 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

LABORATORY ANALYSES

2	GROSS ALPHA	17.22+-3.30 PCI/L	HP, 735A
2	NONVOLATILE BETA	65.17+-6.66 PCI/L	HP, 735A
2	TRITIUM	2378+-48.8 PCI/ML	HP, 735A

WELL F 16

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/12/88 TIME 730  
THE WELL WAS DRY.

WELL F 17

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/12/88 TIME 800  
DEPTH TO WATER = 36.00 FT ( 10.97 M) BELOW THE TOC  
WATER ELEVATION = 203.80 FT ( 62.12 M) MSL  
PH = 6.4  
SPECIFIC CONDUCTANCE = 366 UMHOS/CM  
WATER TEMPERATURE = 14.0 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

LABORATORY ANALYSES

2	GROSS ALPHA	49.57+-10.9 PCI/L	HP, 735A
2	NONVOLATILE BETA	6800+-597 PCI/L	HP, 735A
2	NONVOLATILE BETA	7130+-478 PCI/L	HP, 735A
2	TRITIUM	3381+-68.8 PCI/ML	HP, 735A

WELL F 18A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/12/88 TIME 725  
DEPTH TO WATER = 31.00 FT ( 9.45 M) BELOW THE TOC  
WATER ELEVATION = 202.40 FT ( 61.69 M) MSL  
PH = 3.6  
SPECIFIC CONDUCTANCE = 452 UMHOS/CM  
WATER TEMPERATURE = 15.4 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

LABORATORY ANALYSES

2	GROSS ALPHA	140+-13.3 PCI/L	HP, 735A
2	NONVOLATILE BETA	193+-16 PCI/L	HP, 735A
2	TRITIUM	4913+-112 PCI/ML	HP, 735A

WELL F 19

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/12/88 TIME 735  
THE WELL WAS DRY.

WELL F 24

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/12/88 TIME 805  
THE WELL WAS DRY.

WELL F 25

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/12/88 TIME 710  
DEPTH TO WATER = 48.80 FT ( 14.87 M) BELOW THE TOC  
WATER ELEVATION = 212.10 FT ( 64.65 M) MSL  
PH = 6.6  
SPECIFIC CONDUCTANCE = 67 UMHOS/CM  
WATER TEMPERATURE = 15.0 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

LABORATORY ANALYSES

0	GROSS ALPHA	4.74+-1.53 PCI/L	HP, 735A
2	NONVOLATILE BETA	258+-23.8 PCI/L	HP, 735A
2	NONVOLATILE BETA	237+-15.5 PCI/L	HP, 735A
2	TRITIUM	34.21+-0.83 PCI/ML	HP, 735A

WELL FAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/22/88 TIME 1700  
PHYSICAL OR MECHANICAL FAILURE PREVENTED SAMPLE COLLECTION.

## WELL FAC 2

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/22/88 TIME 1705  
PHYSICAL OR MECHANICAL FAILURE PREVENTED SAMPLE COLLECTION.

## WELL FAC 3

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/21/88 TIME 1120  
DEPTH TO WATER = 83.76 FT ( 25.53 M) BELOW THE TOC  
WATER ELEVATION = 228.04 FT ( 69.51 M) MSL  
PH = 10.1 ALKALINITY = 49 MG/L  
SPECIFIC CONDUCTANCE = 220 UMHOS/CM  
WATER TEMPERATURE = 19.9 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 6 GAL  
THE WELL WENT DRY DURING PURGING.

## WELL FAC 4

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/22/88 TIME 1655  
DEPTH TO WATER = 82.25 FT ( 25.07 M) BELOW THE TOC  
WATER ELEVATION = 227.65 FT ( 69.39 M) MSL  
PH = 9.8 ALKALINITY = 0 MG/L  
SPECIFIC CONDUCTANCE = 128 UMHOS/CM  
WATER TEMPERATURE = 21.6 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 52 GAL

## WELL FAC 5

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1000  
DEPTH TO WATER = 94.39 FT ( 28.77 M) BELOW THE TOC  
WATER ELEVATION = 221.84 FT ( 67.50 M) MSL  
THE WELL IS PUMPING DRY BEFORE SAMPLING CAN BE DONE.

## WELL FAC 5

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/14/88 TIME 1750  
DEPTH TO WATER = 93.99 FT ( 28.65 M) BELOW THE TOC  
WATER ELEVATION = 221.84 FT ( 67.62 M) MSL  
PH = 5.3 ALKALINITY = 6 MG/L  
SPECIFIC CONDUCTANCE = 100 UMHOS/CM  
WATER TEMPERATURE = 18.9 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 10 GAL  
THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	101.0 UMHC	ENV. ENG.
0	PH	5.81 PH	ENV. ENG.
0	TURBIDITY	14 NTU	ENV. ENG.
0	SILVER	2 UG/L	ENV. ENG.
0	ARSENIC	2 UG/L	ENV. ENG.
0	BARIUM	16 UG/L	ENV. ENG.
0	BARIUM	13 UG/L	ENV. ENG.
0	CALCIUM	4620 UG/L	ENV. ENG.
0	CALCIUM	3910 UG/L	ENV. ENG.
0	CADMIUM	2 UG/L	ENV. ENG.
0	CHLORIDE	2500 UG/L	ENV. ENG.
0	CHROMIUM	4 UG/L	ENV. ENG.
0	ENDRIN	0.10 UG/L	ENV. ENG.
0	FLUORIDE	100 UG/L	ENV. ENG.
0	IRON	60 UG/L	ENV. ENG.
0	MERCURY	0.20 UG/L	ENV. ENG.
0	POTASSIUM	2190 UG/L	ENV. ENG.
0	LINDANE	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	0.50 UG/L	ENV. ENG.
0	MAGNESIUM	1490 UG/L	ENV. ENG.
0	MAGNESIUM	1270 UG/L	ENV. ENG.
2	MANGANESE	144 UG/L	ENV. ENG.
2	MANGANESE	122 UG/L	ENV. ENG.
1	SODIUM	7200 UG/L	ENV. ENG.
1	SODIUM	6950 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	180 UG/L	ENV. ENG.
0	LEAD	6 UG/L	ENV. ENG.
0	PHENOL	5 UG/L	ENV. ENG.
0	SELENIUM	2 UG/L	ENV. ENG.
1	SILICA	7340 UG/L	ENV. ENG.
0	SILVEX	0.09 UG/L	ENV. ENG.
1	SULFATE	32000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	50000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
1	TOTAL ORGANIC HALOGENS	10 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	160 UG/L	ENV. ENG.
0	TOXAPHENE	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	0.30 UG/L	ENV. ENG.
0	GROSS ALPHA	2.41+-0.63 PCI/L	HP, 735A
1	GROSS ALPHA	7.31+-1.91 PCI/L	RAD. MEAS.

CONTINUED

## WELL FAC 5 COLLECTED ON 12/14/88 LABORATORY ANALYSES CONTINUED

0	NONVOLATILE BETA	6.36+-1.06 PCI/L	HP, 735A
0	NONVOLATILE BETA	7.52+-1.20 PCI/L	RAD. MEAS.
1	TOTAL RADIUM	4.81+-1.16 PCI/L	RAD. MEAS.
0	TRITIUM	1.36+-0.56 PCI/ML	HP, 735A
0	TRITIUM	0.70 PCI/ML	RAD. MEAS.

## WELL FAC 6

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1050  
THE WELL WAS DRY.

## WELL FAC 6

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/14/88 TIME 1650  
DEPTH TO WATER = 95.48 FT ( 29.10 M) BELOW THE TOC  
WATER ELEVATION = 217.00 FT ( 66.14 M) MSL  
PH = 5.8 ALKALINITY = 8 MG/L  
SPECIFIC CONDUCTANCE = 52 UMHOS/CM  
WATER TEMPERATURE = 15.9 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 4 GAL  
THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	75.80 UMHC	ENV. ENG.
0	PH	5.93 PH	ENV. ENG.
0	TURBIDITY	16 NTU	ENV. ENG.
0	SILVER	2 UG/L	ENV. ENG.
0	ARSENIC	2 UG/L	ENV. ENG.
0	BARIUM	9 UG/L	ENV. ENG.
0	CALCIUM	2700 UG/L	ENV. ENG.
0	CADMIUM	2 UG/L	ENV. ENG.
0	CHLORIDE	3600 UG/L	ENV. ENG.
0	CHROMIUM	4 UG/L	ENV. ENG.
0	ENDRIN	0.10 UG/L	ENV. ENG.
0	FLUORIDE	100 UG/L	ENV. ENG.
0	IRON	127 UG/L	ENV. ENG.
0	MERCURY	0.20 UG/L	ENV. ENG.
0	POTASSIUM	2140 UG/L	ENV. ENG.
0	LINDANE	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	0.50 UG/L	ENV. ENG.
0	MAGNESIUM	393 UG/L	ENV. ENG.
2	MANGANESE	87 UG/L	ENV. ENG.
1	SODIUM	5190 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	220 UG/L	ENV. ENG.
0	LEAD	6 UG/L	ENV. ENG.
0	PHENOL	5 UG/L	ENV. ENG.
0	SELENIUM	2 UG/L	ENV. ENG.
1	SILICA	12900 UG/L	ENV. ENG.
0	SILVEX	0.09 UG/L	ENV. ENG.
0	SULFATE	4500 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	126000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	3300 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	150 UG/L	ENV. ENG.
0	TOXAPHENE	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	0.30 UG/L	ENV. ENG.
0	GROSS ALPHA	0.22+-0.28 PCI/L	HP, 735A
0	NONVOLATILE BETA	5.94+-1.06 PCI/L	HP, 735A
0	NONVOLATILE BETA	3.66+-1.01 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	1 PCI/L	RAD. MEAS.
0	TRITIUM	0.25+-0.54 PCI/ML	HP, 735A
0	TRITIUM	0.70 PCI/ML	RAD. MEAS.

## WELL FAC 7

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1035  
DEPTH TO WATER = 94.79 FT ( 28.89 M) BELOW THE TOC  
WATER ELEVATION = 217.16 FT ( 66.19 M) MSL  
THE WELL IS PUMPING DRY BEFORE SAMPLING CAN BE DONE.

MELL FAC 7

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/14/88 TIME 1710  
DEPTH TO WATER = 99.57 FT ( 28.83 M) BELOW THE TOC  
WATER ELEVATION = 217.38 FT ( 66.26 M) MSL  
PH = 6.0 ALKALINITY = 21 MG/L  
SPECIFIC CONDUCTANCE = 122 UMHOS/CM  
WATER TEMPERATURE = 18.8 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 4 GAL  
THE WELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	158.0 UMHG	ENV. ENG.
1	PH	7.51 PH	ENV. ENG.
0	TURBIDITY	20 NTU	ENV. ENG.
0	TURBIDITY	21 NTU	ENV. ENG.
0	SILVER	2 UG/L	ENV. ENG.
0	ARSENIC	2 UG/L	ENV. ENG.
0	BARIUM	7 UG/L	ENV. ENG.
0	CALCIUM	2940 UG/L	ENV. ENG.
0	CADMIUM	2 UG/L	ENV. ENG.
0	CHLORIDE	3300 UG/L	ENV. ENG.
0	CHROMIUM	4 UG/L	ENV. ENG.
0	ENDRIN	0.10 UG/L	ENV. ENG.
0	FLUORIDE	130 UG/L	ENV. ENG.
0	IRON	35 UG/L	ENV. ENG.
0	MERCURY	0.20 UG/L	ENV. ENG.
1	POTASSIUM	5630 UG/L	ENV. ENG.
0	LINDANE	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	0.50 UG/L	ENV. ENG.
0	MAGNESIUM	230 UG/L	ENV. ENG.
0	MANGANESE	20 UG/L	ENV. ENG.
1	SODIUM	11100 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	230 UG/L	ENV. ENG.
0	LEAD	4 UG/L	ENV. ENG.
0	PHENOL	5 UG/L	ENV. ENG.
0	SELENIUM	2 UG/L	ENV. ENG.
1	SILICA	10500 UG/L	ENV. ENG.
1	SILICA	10400 UG/L	ENV. ENG.
0	SILVEX	0.09 UG/L	ENV. ENG.
1	SULFATE	10300 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	100000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1400 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	5 UG/L	ENV. ENG.
1	TOTAL PHOSPHATES	1110 UG/L	ENV. ENG.
0	TOXAPHENE	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	0.30 UG/L	ENV. ENG.
0	GROSS ALPHA	1.26+-0.63 PCI/L	HP, 735A
0	GROSS ALPHA	4.77+-1.72 PCI/L	RAD. MEAS.
1	NONVOLATILE BETA	13.50+-1.61 PCI/L	HP, 735A
1	NONVOLATILE BETA	13.80+-1.84 PCI/L	RAD. MEAS.
1	TOTAL RADIUM	4.20+-1.13 PCI/L	RAD. MEAS.
0	TRITIUM	1.70+-0.56 PCI/ML	HP, 735A
0	TRITIUM	0.70 PCI/ML	RAD. MEAS.

MELL FAC 8

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1020  
DEPTH TO WATER = 87.11 FT ( 26.66 M) BELOW THE TOC  
WATER ELEVATION = 223.49 FT ( 68.12 M) MSL  
THE WELL IS PUMPING DRY BEFORE SAMPLING CAN BE DONE.

MELL FAC 8

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/14/88 TIME 1735  
DEPTH TO WATER = 87.11 FT ( 26.55 M) BELOW THE TOC  
WATER ELEVATION = 223.84 FT ( 68.23 M) MSL  
PH = 5.8 ALKALINITY = 10 MG/L  
SPECIFIC CONDUCTANCE = 54 UMHOS/CM  
WATER TEMPERATURE = 18.8 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 13 GAL  
THE WELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	89.90 UMHG	ENV. ENG.
0	PH	6.29 PH	ENV. ENG.
0	TURBIDITY	7 NTU	ENV. ENG.
0	SILVER	2 UG/L	ENV. ENG.
0	ARSENIC	2 UG/L	ENV. ENG.
0	BARIUM	16 UG/L	ENV. ENG.
0	CALCIUM	3990 UG/L	ENV. ENG.
0	CADMIUM	2 UG/L	ENV. ENG.
0	CHLORIDE	3600 UG/L	ENV. ENG.
0	CHROMIUM	4 UG/L	ENV. ENG.
0	ENDRIN	0.10 UG/L	ENV. ENG.
0	FLUORIDE	100 UG/L	ENV. ENG.
0	IRON	20 UG/L	ENV. ENG.
0	MERCURY	0.20 UG/L	ENV. ENG.
0	POTASSIUM	1520 UG/L	ENV. ENG.
0	LINDANE	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	0.50 UG/L	ENV. ENG.
0	MAGNESIUM	506 UG/L	ENV. ENG.
2	MANGANESE	78 UG/L	ENV. ENG.
0	SODIUM	3260 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	270 UG/L	ENV. ENG.
0	LEAD	6 UG/L	ENV. ENG.
0	PHENOL	5 UG/L	ENV. ENG.

CONTINUED

MELL FAC 8 COLLECTED ON 12/14/88 LABORATORY ANALYSES CONTINUED

0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		10700 UG/L	ENV. ENG.
0	SILVEX	LT	0.09 UG/L	ENV. ENG.
0	SULFATE		7200 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		64000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON		2200 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
1	TOTAL PHOSPHATES		450 UG/L	ENV. ENG.
1	TOTAL PHOSPHATES		460 UG/L	ENV. ENG.
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L	ENV. ENG.
0	GROSS ALPHA		0.80+-0.47 PCI/L	HP, 735A
0	GROSS ALPHA		4.83+-1.76 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		4.98+-1.16 PCI/L	HP, 735A
1	NONVOLATILE BETA		4.38+-1.25 PCI/L	RAD. MEAS.
1	TOTAL RADIUM		4.69+-1.09 PCI/L	RAD. MEAS.
0	TRITIUM		0.41+-0.54 PCI/ML	HP, 735A
0	TRITIUM	LT	0.70 PCI/ML	RAD. MEAS.

MELL FAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/22/88 TIME 1110  
DEPTH TO WATER = 95.23 FT ( 29.03 M) BELOW THE TOC  
WATER ELEVATION = 217.67 FT ( 66.35 M) MSL  
PH = 6.9 ALKALINITY = 64 MG/L  
SPECIFIC CONDUCTANCE = 163 UMHOS/CM  
WATER TEMPERATURE = 27.0 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 7 GAL  
THE WELL WENT DRY DURING PURGING.

MELL FAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/22/88 TIME 1130  
DEPTH TO WATER = 96.17 FT ( 29.31 M) BELOW THE TOC  
WATER ELEVATION = 215.93 FT ( 65.82 M) MSL  
PH = 5.8 ALKALINITY = 16 MG/L  
SPECIFIC CONDUCTANCE = 72 UMHOS/CM  
WATER TEMPERATURE = 21.5 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 1 GAL  
THE WELL WENT DRY DURING PURGING.

MELL FBP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/20/88 TIME 1525  
DEPTH TO WATER = 83.41 FT ( 25.42 M) BELOW THE TOC  
WATER ELEVATION = 204.49 FT ( 62.33 M) MSL  
PH = 4.3 ALKALINITY = 0 MG/L  
SPECIFIC CONDUCTANCE = 120 UMHOS/CM  
WATER TEMPERATURE = 18.4 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 111 GAL

MELL FBP 2A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/20/88 TIME 1415  
DEPTH TO WATER = 100.26 FT ( 30.56 M) BELOW THE TOC  
WATER ELEVATION = 188.84 FT ( 57.56 M) MSL  
PH = 4.7 ALKALINITY = 2 MG/L  
SPECIFIC CONDUCTANCE = 49 UMHOS/CM  
WATER TEMPERATURE = 18.9 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 135 GAL

MELL FBP 3A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/20/88 TIME 1335  
DEPTH TO WATER = 101.56 FT ( 30.96 M) BELOW THE TOC  
WATER ELEVATION = 191.54 FT ( 58.32 M) MSL  
PH = 4.8 ALKALINITY = 1 MG/L  
SPECIFIC CONDUCTANCE = 70 UMHOS/CM  
WATER TEMPERATURE = 18.9 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 131 GAL

WELL FBP 4

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/20/88 TIME 1455  
DEPTH TO WATER = 76.56 FT ( 23.34 M) BELOW THE TOC  
WATER ELEVATION = 209.74 FT ( 63.93 M) MSL  
PH = 4.5 ALKALINITY = 1 MG/L  
SPECIFIC CONDUCTANCE = 32 UMHOS/CM  
WATER TEMPERATURE = 18.2 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 116 GAL

WELL FCA 1N

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/21/88 TIME 1520  
THE WELL WAS DRY.

WELL FCA 1N

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/03/88 TIME 915  
THE WELL WAS DRY.

WELL FCA 2C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/03/88 TIME 1020  
DEPTH TO WATER = 14.80 FT ( 4.51 M) BELOW THE TOC  
WATER ELEVATION = 297.40 FT ( 90.65 M) MSL  
PH = 8.1  
SPECIFIC CONDUCTANCE = 270 UMHOS/CM  
WATER TEMPERATURE = 22.4 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

LABORATORY ANALYSES

0 GROSS ALPHA	4.32+-2.63 PCI/L HP, 735A
0 NONVOLATILE BETA	58.38+-6.09 PCI/L HP, 735A
0 CERIUM 144	0.00+-0.09 PCI/ML HP, 735A
0 COBALT 60	0.00+-0.02 PCI/ML HP, 735A
0 CHROMIUM 51	0.00+-0.20 PCI/ML HP, 735A
0 CESIUM 134	0.00+-0.01 PCI/ML HP, 735A
0 CESIUM 137	0.00+-0.02 PCI/ML HP, 735A
0 IODINE 131	0.00+-0.06 PCI/ML HP, 735A
0 RUTHENIUM 103	0.00+-0.02 PCI/ML HP, 735A
0 RUTHENIUM 107	0.00+-0.14 PCI/ML HP, 735A
0 ANTIMONY 125	0.00+-0.05 PCI/ML HP, 735A
0 STRONTIUM 89/90	4.17+-2.71 PCI/L HP, 735A
0 TRITIUM	13.50+-0.62 PCI/ML HP, 735A
0 ZIRCONIUM/NIOBIUM 95	0.00+-0.04 PCI/ML HP, 735A

WELL FCA 2D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/22/88 TIME 1100  
DEPTH TO WATER = 86.80 FT ( 26.46 M) BELOW THE TOC  
WATER ELEVATION = 225.40 FT ( 68.70 M) MSL  
PH = 4.1 ALKALINITY = 0 MG/L  
SPECIFIC CONDUCTANCE = 355 UMHOS/CM  
WATER TEMPERATURE = 21.2 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 5 GAL  
THE WELL WENT DRY DURING PURGING.

WELL FCA 2D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/03/88 TIME 1010  
DEPTH TO WATER = 87.20 FT ( 26.58 M) BELOW THE TOC  
WATER ELEVATION = 225.00 FT ( 68.58 M) MSL  
PH = 3.9  
SPECIFIC CONDUCTANCE = 240 UMHOS/CM  
WATER TEMPERATURE = 20.4 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

LABORATORY ANALYSES

2 GROSS ALPHA	94.67+-9.30 PCI/L HP, 735A
2 GROSS ALPHA	93.22+-8.53 PCI/L HP, 735A
2 NONVOLATILE BETA	199+-17.2 PCI/L HP, 735A
0 CERIUM 144	0.00+-0.21 PCI/ML HP, 735A
0 CHEMICAL CESIUM	-0.04+-0.43 PCI/L HP, 735A
0 COBALT 60	0.00+-0.03 PCI/ML HP, 735A
0 CHROMIUM 51	0.00+-0.44 PCI/ML HP, 735A
0 CESIUM 134	0.00+-0.02 PCI/ML HP, 735A
0 CESIUM 137	0.00+-0.03 PCI/ML HP, 735A
0 IODINE 131	0.00+-0.26 PCI/ML HP, 735A

CONTINUED

WELL FCA 2D COLLECTED ON 12/03/88 LABORATORY ANALYSES CONTINUED

0 RUTHENIUM 103	0.00+-0.04 PCI/ML HP, 735A
0 RUTHENIUM 107	0.00+-0.27 PCI/ML HP, 735A
0 ANTIMONY 125	0.00+-0.07 PCI/ML HP, 735A
1 STRONTIUM 89/90	1.23+-2.21 PCI/L HP, 735A
1 TRITIUM	14.45+-0.63 PCI/ML HP, 735A
0 ZIRCONIUM/NIOBIUM 95	0.00+-0.06 PCI/ML HP, 735A

WELL FCA 9D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/22/88 TIME 1150  
DEPTH TO WATER = 86.67 FT ( 26.42 M) BELOW THE TOC  
WATER ELEVATION = 225.23 FT ( 68.65 M) MSL  
PH = 4.4 ALKALINITY = 0 MG/L  
SPECIFIC CONDUCTANCE = 137 UMHOS/CM  
WATER TEMPERATURE = 21.8 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 3 GAL  
THE WELL WENT DRY DURING PURGING.

WELL FCA 9D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/03/88 TIME 1000  
DEPTH TO WATER = 86.40 FT ( 26.34 M) BELOW THE TOC  
WATER ELEVATION = 225.50 FT ( 68.73 M) MSL  
PH = 4.3  
SPECIFIC CONDUCTANCE = 134 UMHOS/CM  
WATER TEMPERATURE = 21.1 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

LABORATORY ANALYSES

1 GROSS ALPHA	12.81+-2.22 PCI/L HP, 735A
1 NONVOLATILE BETA	18.95+-2.54 PCI/L HP, 735A
0 CERIUM 144	0.00+-0.10 PCI/ML HP, 735A
0 COBALT 60	0.00 PCI/ML HP, 735A
0 CHROMIUM 51	0.00+-0.16 PCI/ML HP, 735A
0 CESIUM 134	0.00+-0.01 PCI/ML HP, 735A
0 CESIUM 137	0.00+-0.01 PCI/ML HP, 735A
0 IODINE 131	0.00+-0.04 PCI/ML HP, 735A
0 RUTHENIUM 103	0.00+-0.02 PCI/ML HP, 735A
0 RUTHENIUM 107	0.00+-0.12 PCI/ML HP, 735A
0 ANTIMONY 125	0.00+-0.04 PCI/ML HP, 735A
0 STRONTIUM 89/90	0.00+-1.87 PCI/L HP, 735A
0 TRITIUM	7.01+-0.51 PCI/ML HP, 735A
0 ZIRCONIUM/NIOBIUM 95	0.00+-0.03 PCI/ML HP, 735A

WELL FCA 10A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/03/88 TIME 900  
DEPTH TO WATER = 87.30 FT ( 26.61 M) BELOW THE TOC  
WATER ELEVATION = 224.50 FT ( 68.43 M) MSL  
PH = 6.4  
SPECIFIC CONDUCTANCE = 87 UMHOS/CM  
WATER TEMPERATURE = 19.8 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

LABORATORY ANALYSES

0 GROSS ALPHA	3.24+-1.12 PCI/L HP, 735A
0 NONVOLATILE BETA	5.38+-1.32 PCI/L HP, 735A
0 CERIUM 144	0.00+-0.10 PCI/ML HP, 735A
0 COBALT 60	0.00+-0.02 PCI/ML HP, 735A
0 CHROMIUM 51	0.00+-0.20 PCI/ML HP, 735A
0 CESIUM 134	0.00+-0.02 PCI/ML HP, 735A
0 CESIUM 137	0.00+-0.02 PCI/ML HP, 735A
0 IODINE 131	0.00+-0.06 PCI/ML HP, 735A
0 RUTHENIUM 103	0.00+-0.02 PCI/ML HP, 735A
0 RUTHENIUM 107	0.00+-0.14 PCI/ML HP, 735A
0 ANTIMONY 125	0.00+-0.05 PCI/ML HP, 735A
1 STRONTIUM 89/90	0.36+-2.14 PCI/L HP, 735A
0 TRITIUM	8.34+-0.54 PCI/ML HP, 735A
0 ZIRCONIUM/NIOBIUM 95	0.00+-0.04 PCI/ML HP, 735A

WELL FCA 10A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/29/88 TIME 1215  
DEPTH TO WATER = 87.05 FT ( 26.53 M) BELOW THE TOC  
WATER ELEVATION = 224.75 FT ( 68.50 M) MSL  
PH = 6.2 ALKALINITY = 3 MG/L  
SPECIFIC CONDUCTANCE = 74 UMHOS/CM  
WATER TEMPERATURE = 23.1 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 4 GAL

## WELL FCA 108

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/03/88 TIME 910  
THE WELL WAS DRY.

## WELL FCA 10C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/03/88 TIME 955  
THE WELL WAS DRY.

## WELL FCA 10D

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/21/88 TIME 1535  
THE WELL WAS DRY.

## WELL FCA 10B

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/03/88 TIME 950  
DEPTH TO WATER = 86.40 FT ( 26.34 M) BELOW THE TOC  
WATER ELEVATION = 224.90 FT ( 68.55 M) MSL  
PH = 5.2  
SPECIFIC CONDUCTANCE = 120 UMHOS/CM  
WATER TEMPERATURE = 20.4 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA	1.09+-0.74 PCI/L HP, 735A
1 NONVOLATILE BETA	15.41+-2.30 PCI/L HP, 735A
0 CERIUM 144	0.00+-0.09 PCI/ML HP, 735A
0 COBALT 60	0.00+-0.02 PCI/ML HP, 735A
0 CHROMIUM 51	0.00+-0.19 PCI/ML HP, 735A
0 CESIUM 134	0.00+-0.02 PCI/ML HP, 735A
0 CESIUM 137	0.00+-0.02 PCI/ML HP, 735A
0 IODINE 131	0.00+-0.07 PCI/ML HP, 735A
0 RUTHENIUM 103	0.00+-0.02 PCI/ML HP, 735A
0 RUTHENIUM 107	0.00+-0.15 PCI/ML HP, 735A
0 ANTIMONY 125	0.00+-0.05 PCI/ML HP, 735A
0 STRONTIUM 89/90	0.00+-1.71 PCI/L HP, 735A
0 TRITIUM	8.28+-0.54 PCI/ML HP, 735A
0 ZIRCONIUM/NIOBIUM 95	0.00+-0.03 PCI/ML HP, 735A

## WELL FCA 16A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/03/88 TIME 1050  
DEPTH TO WATER = 87.80 FT ( 26.76 M) BELOW THE TOC  
WATER ELEVATION = 224.40 FT ( 68.40 M) MSL  
PH = 6.1  
SPECIFIC CONDUCTANCE = 63 UMHOS/CM  
WATER TEMPERATURE = 22.7 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA	1.74+-0.77 PCI/L HP, 735A
0 NONVOLATILE BETA	3.65+-1.11 PCI/L HP, 735A
0 CERIUM 144	0.00+-0.10 PCI/ML HP, 735A
0 COBALT 60	0.00+-0.01 PCI/ML HP, 735A
0 CHROMIUM 51	0.00+-0.15 PCI/ML HP, 735A
0 CESIUM 134	0.00+-0.01 PCI/ML HP, 735A
0 CESIUM 137	0.00+-0.02 PCI/ML HP, 735A
0 IODINE 131	0.00+-0.04 PCI/ML HP, 735A
0 RUTHENIUM 103	0.00+-0.02 PCI/ML HP, 735A
0 RUTHENIUM 107	0.00+-0.11 PCI/ML HP, 735A
0 ANTIMONY 125	0.00+-0.04 PCI/ML HP, 735A
0 STRONTIUM 89/90	0.00+-3.25 PCI/L HP, 735A
0 TRITIUM	5.36+-0.48 PCI/ML HP, 735A
0 ZIRCONIUM/NIOBIUM 95	0.00+-0.03 PCI/ML HP, 735A

## WELL FCA 16A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/29/88 TIME 1140  
DEPTH TO WATER = 87.60 FT ( 26.70 M) BELOW THE TOC  
WATER ELEVATION = 224.60 FT ( 68.46 M) MSL  
PH = 5.5 ALKALINITY = 3 MG/L  
SPECIFIC CONDUCTANCE = 57 UMHOS/CM  
WATER TEMPERATURE = 21.7 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

1 GROSS ALPHA	4.23+-1.66 PCI/L	RAD. MEAS.
0 NONVOLATILE BETA	7.07+-1.17 PCI/L	RAD. MEAS.

## WELL FCA 16B

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/03/88 TIME 1100  
DEPTH TO WATER = 15.60 FT ( 4.75 M) BELOW THE TOC  
WATER ELEVATION = 296.50 FT ( 90.37 M) MSL  
PH = 6.3  
SPECIFIC CONDUCTANCE = 161 UMHOS/CM  
WATER TEMPERATURE = 22.4 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

1 GROSS ALPHA	11.24+-3.90 PCI/L HP, 735A
1 NONVOLATILE BETA	12.98+-2.23 PCI/L HP, 735A
0 TRITIUM	7.60+-0.52 PCI/ML HP, 735A

## WELL FCA 16D

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/03/88 TIME 935  
DEPTH TO WATER = 86.20 FT ( 26.27 M) BELOW THE TOC  
WATER ELEVATION = 224.50 FT ( 68.43 M) MSL  
PH = 6.1  
SPECIFIC CONDUCTANCE = 131 UMHOS/CM  
WATER TEMPERATURE = 19.2 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

1 GROSS ALPHA	6.45+-1.98 PCI/L HP, 735A
1 NONVOLATILE BETA	14.77+-2.29 PCI/L HP, 735A
0 CERIUM 144	0.00+-0.10 PCI/ML HP, 735A
0 COBALT 60	0.00+-0.02 PCI/ML HP, 735A
0 CHROMIUM 51	0.00+-0.18 PCI/ML HP, 735A
0 CESIUM 134	0.00+-0.02 PCI/ML HP, 735A
0 CESIUM 137	0.00+-0.02 PCI/ML HP, 735A
0 IODINE 131	0.00+-0.06 PCI/ML HP, 735A
0 RUTHENIUM 103	0.00+-0.02 PCI/ML HP, 735A
0 RUTHENIUM 107	0.00+-0.14 PCI/ML HP, 735A
0 ANTIMONY 125	0.00+-0.04 PCI/ML HP, 735A
1 STRONTIUM 89/90	2.17+-2.00 PCI/L HP, 735A
2 TRITIUM	257+-5.25 PCI/ML HP, 735A
0 ZIRCONIUM/NIOBIUM 95	0.00+-0.03 PCI/ML HP, 735A

## WELL FCA 16D

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/29/88 TIME 1115  
DEPTH TO WATER = 86.03 FT ( 26.22 M) BELOW THE TOC  
WATER ELEVATION = 224.67 FT ( 68.48 M) MSL  
PH = 6.3 ALKALINITY = 12 MG/L  
SPECIFIC CONDUCTANCE = 131 UMHOS/CM  
WATER TEMPERATURE = 19.4 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## WELL FCA 16T

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/03/88 TIME 1110  
THE WELL WAS DRY.



## WELL FCB 2

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/11/88 TIME 1635  
 DEPTH TO WATER = 78.89 FT ( 24.05 M) BELOW THE TOC  
 WATER ELEVATION = 228.41 FT ( 69.62 M) MSL  
 PH = 9.5 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 18 UMHOS/CM  
 WATER TEMPERATURE = 18.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 61 GAL

## WELL FCB 3

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/11/88 TIME 1700  
 DEPTH TO WATER = 82.22 FT ( 25.06 M) BELOW THE TOC  
 WATER ELEVATION = 220.08 FT ( 67.08 M) MSL  
 PH = 5.9 ALKALINITY = 25 MG/L  
 SPECIFIC CONDUCTANCE = 59 UMHOS/CM  
 WATER TEMPERATURE = 18.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 65 GAL

## WELL FCB 4

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/21/88 TIME 1620  
 DEPTH TO WATER = 78.91 FT ( 24.05 M) BELOW THE TOC  
 WATER ELEVATION = 227.69 FT ( 69.40 M) MSL  
 PH = 5.0 ALKALINITY = 2 MG/L  
 SPECIFIC CONDUCTANCE = 36 UMHOS/CM  
 WATER TEMPERATURE = 20.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 15 GAL  
 THE WELL WENT DRY DURING PURGING.

## WELL FCB 5

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/04/88 TIME 1710  
 DEPTH TO WATER = 77.31 FT ( 23.56 M) BELOW THE TOC  
 WATER ELEVATION = 226.59 FT ( 69.07 M) MSL  
 PH = 5.5 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 30 UMHOS/CM  
 WATER TEMPERATURE = 18.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 1 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	32.10 UMHC	ENV. ENG.
0	PH	5.04 PH	ENV. ENG.
0	SILVER	LT	2 UG/L ENV. ENG.
0	ARSENIC	LT	2 UG/L ENV. ENG.
0	BARIUM		26 UG/L ENV. ENG.
0	CALCIUM		1800 UG/L ENV. ENG.
0	CADMIUM	LT	2 UG/L ENV. ENG.
0	CHLORIDE		3200 UG/L ENV. ENG.
0	CHROMIUM	LT	4 UG/L ENV. ENG.
0	ENDRIN	LT	0.10 UG/L ENV. ENG.
0	FLUORIDE	LT	100 UG/L ENV. ENG.
0	IRON		40 UG/L ENV. ENG.
0	MERCURY	LT	0.20 UG/L ENV. ENG.
0	POTASSIUM		610 UG/L ENV. ENG.
0	LINDANE	LT	0.05 UG/L ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L ENV. ENG.
0	MAGNESIUM		371 UG/L ENV. ENG.
1	MANGANESE		44 UG/L ENV. ENG.
0	SODIUM		2790 UG/L ENV. ENG.
0	NITRATE AS NITROGEN		730 UG/L ENV. ENG.
0	LEAD	LT	6 UG/L ENV. ENG.
0	PHENOL	LT	5 UG/L ENV. ENG.
0	SELENIUM	LT	2 UG/L ENV. ENG.
1	SILICA		7590 UG/L ENV. ENG.
0	SILVEX	LT	0.09 UG/L ENV. ENG.
0	SULFATE	LT	5000 UG/L ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		47000 UG/L ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L ENV. ENG.
0	TOTAL ORGANIC HALOGENS		9 UG/L ENV. ENG.
0	TOTAL PHOSPHATES		20 UG/L ENV. ENG.
0	TOXAPHENE	LT	1 UG/L ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L ENV. ENG.
0	GROSS ALPHA		1.10+-0.57 PCI/L HP, 735A
0	GROSS ALPHA	LT	5 PCI/L RAD. MEAS.
0	NONVOLATILE BETA		2.01+-0.89 PCI/L HP, 735A
0	NONVOLATILE BETA	LT	2 PCI/L RAD. MEAS.
0	TOTAL RADIUM		0.71+-0.47 PCI/L RAD. MEAS.
0	TRITIUM		8.50+-0.50 PCI/ML HP, 735A
0	TRITIUM		7.21+-0.33 PCI/ML RAD. MEAS.

## WELL FCB 6

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/04/88 TIME 1725  
 DEPTH TO WATER = 82.52 FT ( 25.15 M) BELOW THE TOC  
 WATER ELEVATION = 227.98 FT ( 69.49 M) MSL  
 PH = 7.1 ALKALINITY = 37 MG/L  
 SPECIFIC CONDUCTANCE = 119 UMHOS/CM  
 WATER TEMPERATURE = 18.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 2 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	133.0 UMHC	ENV. ENG.
1	PH	6.67 PH	ENV. ENG.
0	SILVER	LT	2 UG/L ENV. ENG.
0	ARSENIC	LT	2 UG/L ENV. ENG.
0	BARIUM		23 UG/L ENV. ENG.
1	CALCIUM		10900 UG/L ENV. ENG.
0	CADMIUM	LT	2 UG/L ENV. ENG.
0	CHLORIDE		3700 UG/L ENV. ENG.
0	CHROMIUM	LT	4 UG/L ENV. ENG.
0	ENDRIN	LT	0.10 UG/L ENV. ENG.
0	FLUORIDE	LT	100 UG/L ENV. ENG.
0	IRON	LT	20 UG/L ENV. ENG.
0	MERCURY	LT	0.20 UG/L ENV. ENG.
1	POTASSIUM		5480 UG/L ENV. ENG.
0	LINDANE	LT	0.05 UG/L ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L ENV. ENG.
0	MAGNESIUM		784 UG/L ENV. ENG.
0	MANGANESE		16 UG/L ENV. ENG.
1	SODIUM		8580 UG/L ENV. ENG.
0	NITRATE AS NITROGEN		1490 UG/L ENV. ENG.
0	LEAD	LT	6 UG/L ENV. ENG.
0	PHENOL	LT	5 UG/L ENV. ENG.
0	SELENIUM	LT	2 UG/L ENV. ENG.
1	SILICA		8570 UG/L ENV. ENG.
0	SILVEX	LT	0.09 UG/L ENV. ENG.
0	SULFATE	LT	5000 UG/L ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		109000 UG/L ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L ENV. ENG.
2	TOTAL ORGANIC HALOGENS		38 UG/L ENV. ENG.
0	TOTAL PHOSPHATES		40 UG/L ENV. ENG.
0	TOXAPHENE	LT	1 UG/L ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L ENV. ENG.
0	GROSS ALPHA		3.79+-1.13 PCI/L HP, 735A
0	GROSS ALPHA	LT	3 PCI/L RAD. MEAS.
0	NONVOLATILE BETA		7.27+-1.48 PCI/L HP, 735A
0	NONVOLATILE BETA	LT	5.21+-5.11 PCI/L RAD. MEAS.
0	TOTAL RADIUM		1.21+-0.55 PCI/L RAD. MEAS.
1	TRITIUM		10.30+-0.60 PCI/ML HP, 735A
0	TRITIUM		8.50+-0.35 PCI/ML RAD. MEAS.

## WELL FCB 7

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/30/88 TIME 1410  
 THE WELL HAS DRY.

## WELL FET 10

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/11/88 TIME 1120  
 DEPTH TO WATER = 47.60 FT ( 14.51 M) BELOW THE TOC  
 WATER ELEVATION = 222.40 FT ( 67.79 M) MSL  
 PH = 5.7 ALKALINITY = 4 MG/L  
 SPECIFIC CONDUCTANCE = 54 UMHOS/CM  
 WATER TEMPERATURE = 14.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 21 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	51.00 UMHC	ENV. ENG.
0	PH	5.22 PH	ENV. ENG.
0	SILVER	LT	2 UG/L ENV. ENG.
0	ARSENIC	LT	2 UG/L ENV. ENG.
0	BARIUM		11 UG/L ENV. ENG.
0	CALCIUM		2470 UG/L ENV. ENG.
0	CADMIUM	LT	2 UG/L ENV. ENG.
0	CHLORIDE		3700 UG/L ENV. ENG.
0	CHROMIUM	LT	4 UG/L ENV. ENG.
0	ENDRIN	LT	0.10 UG/L ENV. ENG.
0	FLUORIDE	LT	100 UG/L ENV. ENG.
2	IRON		1170 UG/L ENV. ENG.
1	MERCURY		0.65 UG/L ENV. ENG.
0	POTASSIUM		854 UG/L ENV. ENG.
0	LINDANE	LT	0.05 UG/L ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L ENV. ENG.
0	MAGNESIUM		492 UG/L ENV. ENG.
2	MANGANESE		63 UG/L ENV. ENG.
1	SODIUM		10200 UG/L ENV. ENG.
0	NITRATE AS NITROGEN		1700 UG/L ENV. ENG.
0	LEAD	LT	6 UG/L ENV. ENG.
0	PHENOL	LT	5 UG/L ENV. ENG.
0	SELENIUM	LT	2 UG/L ENV. ENG.
1	SILICA		8180 UG/L ENV. ENG.
1	SILICA		8180 UG/L ENV. ENG.
0	SILVEX	LT	0.09 UG/L ENV. ENG.
0	SULFATE	LT	5000 UG/L ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		46000 UG/L ENV. ENG.

CONTINUED

WELL FET 10 COLLECTED ON 12/11/88 LABORATORY ANALYSES CONTINUED

0 TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0 TOTAL ORGANIC HALOGENS	LT	9 UG/L	ENV. ENG.
0 TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0 TOXAPHENE	LT	1 UG/L	ENV. ENG.
0 2,4-DICHLOROPHENOXACETIC ACID	LT	0.30 UG/L	ENV. ENG.
0 GROSS ALPHA	HP, 735A	0.57+-0.44 PCI/L	RAD. MEAS.
0 GROSS ALPHA	HP, 735A	1.19+-0.69 PCI/L	RAD. MEAS.
0 NONVOLATILE BETA	HP, 735A	1.12+-0.78 PCI/L	RAD. MEAS.
0 NONVOLATILE BETA	HP, 735A	2.74+-0.86 PCI/L	RAD. MEAS.
0 TOTAL RADIUM	LT	1 PCI/L	RAD. MEAS.
0 TRITIUM	HP, 735A	7.61+-0.56 PCI/ML	RAD. MEAS.
0 TRITIUM	HP, 735A	6.66+-0.33 PCI/ML	RAD. MEAS.

WELL FET 20

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 1220  
 DEPTH TO WATER = 48.95 FT ( 14.92 M) BELOW THE TOC  
 WATER ELEVATION = 221.05 FT ( 67.38 M) MSL  
 PH = 4.9 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 51 UMHOS/CM  
 WATER TEMPERATURE = 19.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 45 GAL

LABORATORY ANALYSES

0 SPECIFIC CONDUCTANCE		50.90 UMHOS	ENV. ENG.
0 PH		4.46 PH	ENV. ENG.
0 SILVER	LT	2 UG/L	ENV. ENG.
0 SILVER	LT	2 UG/L	ENV. ENG.
0 ARSENIC	LT	2 UG/L	ENV. ENG.
0 ARSENIC	LT	2 UG/L	ENV. ENG.
0 BARIUM		11 UG/L	ENV. ENG.
0 CALCIUM		1260 UG/L	ENV. ENG.
0 CADMIUM	LT	2 UG/L	ENV. ENG.
0 CHLORIDE		4100 UG/L	ENV. ENG.
0 CHROMIUM	LT	4 UG/L	ENV. ENG.
0 ENDORIN	LT	0.10 UG/L	ENV. ENG.
0 FLUORIDE	LT	100 UG/L	ENV. ENG.
0 IRON		21 UG/L	ENV. ENG.
0 MERCURY	LT	0.20 UG/L	ENV. ENG.
0 POTASSIUM	LT	500 UG/L	ENV. ENG.
0 POTASSIUM	LT	500 UG/L	ENV. ENG.
0 LINDANE	LT	0.05 UG/L	ENV. ENG.
0 METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0 MAGNESIUM		842 UG/L	ENV. ENG.
0 MANGANESE		18 UG/L	ENV. ENG.
0 SODIUM		4400 UG/L	ENV. ENG.
0 NITRATE AS NITROGEN		2590 UG/L	ENV. ENG.
0 LEAD	LT	6 UG/L	ENV. ENG.
0 PHENOL	LT	5 UG/L	ENV. ENG.
0 SELENIUM	LT	2 UG/L	ENV. ENG.
0 SELENIUM	LT	2 UG/L	ENV. ENG.
1 SILICA		7000 UG/L	ENV. ENG.
0 SILVEX	LT	0.09 UG/L	ENV. ENG.
0 SULFATE	LT	5000 UG/L	ENV. ENG.
0 TOTAL DISSOLVED SOLIDS		34000 UG/L	ENV. ENG.
0 TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0 TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0 TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0 TOXAPHENE	LT	1 UG/L	ENV. ENG.
0 2,4-DICHLOROPHENOXACETIC ACID	LT	0.30 UG/L	ENV. ENG.
0 GROSS ALPHA	HP, 735A	2.51+-0.86 PCI/L	RAD. MEAS.
0 GROSS ALPHA	HP, 735A	4.64+-1.15 PCI/L	RAD. MEAS.
0 NONVOLATILE BETA	HP, 735A	2.23+-0.92 PCI/L	RAD. MEAS.
0 NONVOLATILE BETA	HP, 735A	3.46+-0.90 PCI/L	RAD. MEAS.
0 TOTAL RADIUM	HP, 735A	1.27+-0.75 PCI/L	RAD. MEAS.
1 TRITIUM	HP, 735A	10.60+-0.61 PCI/ML	RAD. MEAS.
1 TRITIUM	HP, 735A	10.40+-0.37 PCI/ML	RAD. MEAS.

WELL FET 30

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 1040  
 DEPTH TO WATER = 64.31 FT ( 19.60 M) BELOW THE TOC  
 WATER ELEVATION = 220.89 FT ( 67.33 M) MSL  
 PH = 5.4 ALKALINITY = 2 MG/L  
 SPECIFIC CONDUCTANCE = 47 UMHOS/CM  
 WATER TEMPERATURE = 19.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 62 GAL

LABORATORY ANALYSES

0 SPECIFIC CONDUCTANCE		52.70 UMHOS	ENV. ENG.
0 PH		5.30 PH	ENV. ENG.
0 SILVER	LT	2 UG/L	ENV. ENG.
0 SILVER	LT	2 UG/L	ENV. ENG.
0 ARSENIC	LT	2 UG/L	ENV. ENG.
0 ARSENIC	LT	2 UG/L	ENV. ENG.
0 BARIUM		8 UG/L	ENV. ENG.
0 CALCIUM		1450 UG/L	ENV. ENG.
0 CADMIUM	LT	2 UG/L	ENV. ENG.
0 CHLORIDE		3400 UG/L	ENV. ENG.
0 CHROMIUM	LT	4 UG/L	ENV. ENG.
0 ENDORIN	LT	0.10 UG/L	ENV. ENG.
0 ENDORIN	LT	0.10 UG/L	ENV. ENG.
0 FLUORIDE	LT	100 UG/L	ENV. ENG.
0 IRON	LT	20 UG/L	ENV. ENG.
1 MERCURY		0.77 UG/L	ENV. ENG.
1 MERCURY		0.77 UG/L	ENV. ENG.
0 POTASSIUM	LT	500 UG/L	ENV. ENG.

CONTINUED

WELL FET 30 COLLECTED ON 12/10/88 LABORATORY ANALYSES CONTINUED

0 LINDANE	LT	0.05 UG/L	ENV. ENG.
0 LINDANE	LT	0.05 UG/L	ENV. ENG.
0 METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0 METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0 MAGNESIUM		381 UG/L	ENV. ENG.
0 MANGANESE		23 UG/L	ENV. ENG.
1 SODIUM		10400 UG/L	ENV. ENG.
0 NITRATE AS NITROGEN		2330 UG/L	ENV. ENG.
0 NITRATE AS NITROGEN		2330 UG/L	ENV. ENG.
0 LEAD	LT	6 UG/L	ENV. ENG.
0 PHENOL	LT	5 UG/L	ENV. ENG.
0 SELENIUM	LT	2 UG/L	ENV. ENG.
0 SELENIUM	LT	2 UG/L	ENV. ENG.
1 SILICA		4510 UG/L	ENV. ENG.
0 SILVEX	LT	0.09 UG/L	ENV. ENG.
0 SULFATE	LT	5000 UG/L	ENV. ENG.
0 TOTAL DISSOLVED SOLIDS	LT	5000 UG/L	ENV. ENG.
0 TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0 TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0 TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0 TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0 TOXAPHENE	LT	1 UG/L	ENV. ENG.
0 TOXAPHENE	LT	1 UG/L	ENV. ENG.
0 2,4-DICHLOROPHENOXACETIC ACID	LT	0.30 UG/L	ENV. ENG.
0 GROSS ALPHA	HP, 735A	1.42+-0.65 PCI/L	RAD. MEAS.
0 GROSS ALPHA	HP, 735A	1.54+-0.74 PCI/L	RAD. MEAS.
0 GROSS ALPHA	HP, 735A	1.25+-0.69 PCI/L	RAD. MEAS.
0 NONVOLATILE BETA	HP, 735A	0.84+-0.75 PCI/L	RAD. MEAS.
0 NONVOLATILE BETA	HP, 735A	1.58+-0.84 PCI/L	RAD. MEAS.
0 NONVOLATILE BETA	HP, 735A	1.39+-0.96 PCI/L	RAD. MEAS.
0 TOTAL RADIUM	LT	1 PCI/L	RAD. MEAS.
0 TOTAL RADIUM	LT	1 PCI/L	RAD. MEAS.
0 TRITIUM	HP, 735A	8.59+-0.58 PCI/ML	RAD. MEAS.
0 TRITIUM	HP, 735A	8.87+-0.36 PCI/ML	RAD. MEAS.
0 TRITIUM	HP, 735A	8.64+-0.36 PCI/ML	RAD. MEAS.

WELL FET 40

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 1135  
 DEPTH TO WATER = 65.45 FT ( 19.95 M) BELOW THE TOC  
 WATER ELEVATION = 221.45 FT ( 67.50 M) MSL  
 PH = 5.1 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 47 UMHOS/CM  
 WATER TEMPERATURE = 19.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 57 GAL

LABORATORY ANALYSES

0 SPECIFIC CONDUCTANCE		47.00 UMHOS	ENV. ENG.
0 PH		4.80 PH	ENV. ENG.
0 SILVER	LT	2 UG/L	ENV. ENG.
0 ARSENIC	LT	2 UG/L	ENV. ENG.
0 BARIUM		9 UG/L	ENV. ENG.
0 CALCIUM		769 UG/L	ENV. ENG.
0 CADMIUM	LT	2 UG/L	ENV. ENG.
0 CHLORIDE		3400 UG/L	ENV. ENG.
0 CHROMIUM	LT	4 UG/L	ENV. ENG.
0 ENDORIN	LT	0.10 UG/L	ENV. ENG.
0 FLUORIDE	LT	100 UG/L	ENV. ENG.
0 IRON		56 UG/L	ENV. ENG.
0 MERCURY	LT	0.20 UG/L	ENV. ENG.
0 POTASSIUM		601 UG/L	ENV. ENG.
0 LINDANE	LT	0.05 UG/L	ENV. ENG.
0 METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0 MAGNESIUM		695 UG/L	ENV. ENG.
0 MANGANESE		17 UG/L	ENV. ENG.
0 SODIUM		4310 UG/L	ENV. ENG.
0 NITRATE AS NITROGEN		2590 UG/L	ENV. ENG.
0 LEAD	LT	6 UG/L	ENV. ENG.
0 PHENOL	LT	5 UG/L	ENV. ENG.
0 SELENIUM	LT	2 UG/L	ENV. ENG.
1 SILICA		6020 UG/L	ENV. ENG.
0 SILVEX	LT	0.09 UG/L	ENV. ENG.
0 SULFATE		1700 UG/L	ENV. ENG.
0 TOTAL DISSOLVED SOLIDS		74000 UG/L	ENV. ENG.
0 TOTAL DISSOLVED SOLIDS		70000 UG/L	ENV. ENG.
0 TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0 TOTAL ORGANIC HALOGENS		6 UG/L	ENV. ENG.
0 TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0 TOXAPHENE	LT	1 UG/L	ENV. ENG.
0 2,4-DICHLOROPHENOXACETIC ACID	LT	0.30 UG/L	ENV. ENG.
0 GROSS ALPHA	HP, 735A	0.93+-0.52 PCI/L	RAD. MEAS.
0 GROSS ALPHA	HP, 735A	2.42+-0.85 PCI/L	RAD. MEAS.
0 NONVOLATILE BETA	HP, 735A	0.25+-0.66 PCI/L	RAD. MEAS.
0 NONVOLATILE BETA	HP, 735A	2.48+-0.97 PCI/L	RAD. MEAS.
0 TOTAL RADIUM	HP, 735A	0.72+-0.64 PCI/L	RAD. MEAS.
0 TRITIUM	HP, 735A	9.63+-0.60 PCI/ML	RAD. MEAS.
0 TRITIUM	HP, 735A	8.38+-0.33 PCI/ML	RAD. MEAS.

## WELL FNB 1

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/25/88 TIME 1255  
 DEPTH TO WATER = 75.67 FT ( 23.04 M) BELOW THE TOC  
 WATER ELEVATION = 208.63 FT ( 63.59 M) MSL  
 PH = 4.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 79 UMHOS/CM  
 WATER TEMPERATURE = 19.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 82 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	82.30 UMHC	ENV. ENG.
0	PH	4.53 PH	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	BARIUM	21 UG/L	ENV. ENG.
0	BARIUM	20 UG/L	ENV. ENG.
0	BERYLLIUM	LT 5 UG/L	ENV. ENG.
0	BERYLLIUM	LT 5 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	COPPER	6 UG/L	ENV. ENG.
0	COPPER	6 UG/L	ENV. ENG.
0	FLUORIDE	LT 100 UG/L	ENV. ENG.
0	IRON	52 UG/L	ENV. ENG.
0	IRON	55 UG/L	ENV. ENG.
0	MERCURY	0.36 UG/L	ENV. ENG.
0	MANGANESE	20 UG/L	ENV. ENG.
0	MANGANESE	21 UG/L	ENV. ENG.
1	SODIUM	8350 UG/L	ENV. ENG.
1	SODIUM	8500 UG/L	ENV. ENG.
0	NICKEL	5 UG/L	ENV. ENG.
0	NICKEL	5 UG/L	ENV. ENG.
1	NITRATE AS NITROGEN	7110 UG/L	ENV. ENG.
0	LEAD	11 UG/L	ENV. ENG.
0	LEAD	14 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	ZINC	23 UG/L	ENV. ENG.
0	GROSS ALPHA	2.93+-1.31 PCI/L	HP, 735A
1	GROSS ALPHA	5.15+-1.25 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	5.99+-1.77 PCI/L	HP, 735A
0	NONVOLATILE BETA	9.81+-1.27 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	1.46+-0.62 PCI/L	RAD. MEAS.
2	TRITIUM	269+-2.38 PCI/ML	HP, 735A

## WELL FNB 2

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/25/88 TIME 1230  
 DEPTH TO WATER = 83.27 FT ( 25.38 M) BELOW THE TOC  
 WATER ELEVATION = 204.53 FT ( 62.34 M) MSL  
 PH = 5.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 300 UMHOS/CM  
 WATER TEMPERATURE = 19.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 62 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	299.0 UMHC	ENV. ENG.
1	PH	5.64 PH	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
1	BARIUM	103 UG/L	ENV. ENG.
1	BARIUM	116 UG/L	ENV. ENG.
0	BERYLLIUM	LT 5 UG/L	ENV. ENG.
0	BERYLLIUM	LT 5 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	COPPER	14 UG/L	ENV. ENG.
0	COPPER	17 UG/L	ENV. ENG.
0	FLUORIDE	210 UG/L	ENV. ENG.
1	IRON	155 UG/L	ENV. ENG.
1	IRON	186 UG/L	ENV. ENG.
2	MERCURY	1.11 UG/L	ENV. ENG.
2	MANGANESE	405 UG/L	ENV. ENG.
2	MANGANESE	473 UG/L	ENV. ENG.
1	SODIUM	14000 UG/L	ENV. ENG.
1	SODIUM	13200 UG/L	ENV. ENG.
1	NICKEL	24 UG/L	ENV. ENG.
1	NICKEL	28 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN	30700 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	ZINC	45 UG/L	ENV. ENG.
2	GROSS ALPHA	39.34+-7.45 PCI/L	HP, 735A
2	GROSS ALPHA	54.80+-4.52 PCI/L	RAD. MEAS.
2	NONVOLATILE BETA	472+-68.9 PCI/L	HP, 735A
2	NONVOLATILE BETA	651+-10.2 PCI/L	RAD. MEAS.
2	TOTAL RADIUM	8.21+-1.20 PCI/L	RAD. MEAS.
2	TRITIUM	471+-3.12 PCI/ML	HP, 735A

## WELL FNB 3

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/25/88 TIME 1145  
 DEPTH TO WATER = 77.27 FT ( 23.55 M) BELOW THE TOC  
 WATER ELEVATION = 206.73 FT ( 63.01 M) MSL  
 PH = 4.6 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 100 UMHOS/CM  
 WATER TEMPERATURE = 18.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 64 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	96.00 UMHC	ENV. ENG.
1	PH	3.84 PH	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	BARIUM	34 UG/L	ENV. ENG.
0	BERYLLIUM	LT 5 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
1	CHROMIUM	5 UG/L	ENV. ENG.
0	COPPER	7 UG/L	ENV. ENG.
0	FLUORIDE	LT 100 UG/L	ENV. ENG.
0	IRON	49 UG/L	ENV. ENG.
0	MERCURY	0.31 UG/L	ENV. ENG.
2	MANGANESE	131 UG/L	ENV. ENG.
1	SODIUM	6060 UG/L	ENV. ENG.
1	SODIUM	6480 UG/L	ENV. ENG.
0	NICKEL	8 UG/L	ENV. ENG.
1	NITRATE AS NITROGEN	8370 UG/L	ENV. ENG.
1	NITRATE AS NITROGEN	8510 UG/L	ENV. ENG.
1	LEAD	22 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	ZINC	60 UG/L	ENV. ENG.
1	GROSS ALPHA	9.73+-2.62 PCI/L	HP, 735A
1	GROSS ALPHA	10.80+-1.71 PCI/L	RAD. MEAS.
2	NONVOLATILE BETA	56.96+-9.23 PCI/L	HP, 735A
2	NONVOLATILE BETA	95.80+-3.37 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	2.02+-0.66 PCI/L	RAD. MEAS.
2	TRITIUM	92.66+-1.44 PCI/ML	HP, 735A

## WELL FNB 4

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/25/88 TIME 1105  
 DEPTH TO WATER = 80.22 FT ( 24.45 M) BELOW THE TOC  
 WATER ELEVATION = 211.28 FT ( 64.40 M) MSL  
 PH = 4.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 32 UMHOS/CM  
 WATER TEMPERATURE = 18.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 82 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	32.00 UMHC	ENV. ENG.
0	SPECIFIC CONDUCTANCE	31.50 UMHC	ENV. ENG.
0	PH	4.58 PH	ENV. ENG.
0	PH	4.56 PH	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	BARIUM	6 UG/L	ENV. ENG.
0	BERYLLIUM	LT 5 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	COPPER	4 UG/L	ENV. ENG.
0	FLUORIDE	LT 100 UG/L	ENV. ENG.
0	IRON	31 UG/L	ENV. ENG.
0	MERCURY	LT 0.20 UG/L	ENV. ENG.
0	MERCURY	LT 0.20 UG/L	ENV. ENG.
0	MANGANESE	9 UG/L	ENV. ENG.
0	SODIUM	2120 UG/L	ENV. ENG.
0	SODIUM	2390 UG/L	ENV. ENG.
0	NICKEL	LT 4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	1540 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	ZINC	43 UG/L	ENV. ENG.
0	GROSS ALPHA	2.15+-0.91 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	2.82+-0.91 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	1.06+-0.50 PCI/L	RAD. MEAS.

## WELL FNB 76

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/08/88 TIME 1045  
 DEPTH TO WATER = 78.30 FT ( 23.87 M) BELOW THE TOC  
 WATER ELEVATION = 215.90 FT ( 65.81 M) MSL  
 PH = 5.2 ALKALINITY = 3 MG/L  
 SPECIFIC CONDUCTANCE = 74 UMHOS/CM  
 WATER TEMPERATURE = 19.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 50 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	79.70 UMHC	ENV. ENG.
0	PH	5.30 PH	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
2	COPPER	623 UG/L	ENV. ENG.
0	IRON	LT 20 UG/L	ENV. ENG.
0	MERCURY	LT 0.20 UG/L	ENV. ENG.
0	MANGANESE	10 UG/L	ENV. ENG.
1	SODIUM	9100 UG/L	ENV. ENG.

CONTINUED

WELL FSB 76 COLLECTED ON 10/08/88 LABORATORY ANALYSES CONTINUED

0	NICKEL		7 UG/L	ENV. ENG.
1	NITRATE AS NITROGEN		6110 UG/L	ENV. ENG.
2	LEAD		49 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
2	TOTAL ORGANIC HALOGENS		122 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
1	ZINC		827 UG/L	ENV. ENG.
0	GROSS ALPHA		4.36+-1.39 PCI/L	HP, 735A
1	GROSS ALPHA		8.35+-1.53 PCI/L	RAD. MEAS.
1	NONVOLATILE BETA		14.50+-2.58 PCI/L	HP, 735A
0	NONVOLATILE BETA		7.32+-1.17 PCI/L	RAD. MEAS.
2	TRITIUM		561+-3.31 PCI/ML	HP, 735A
2	TRITIUM		523+-2.04 PCI/ML	RAD. MEAS.

WELL FSB 76A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/13/88 TIME 1110  
 DEPTH TO WATER = 141.15 FT ( 43.02 M) BELOW THE TOC  
 WATER ELEVATION = 152.75 FT ( 46.56 M) MSL  
 PH = 6.5 ALKALINITY = 45 MG/L  
 SPECIFIC CONDUCTANCE = 137 UMHOS/CM  
 WATER TEMPERATURE = 19.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 387 GAL

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		100.0 UMHG	ENV. LAB.
1	SPECIFIC CONDUCTANCE		114.0 UMHG	M. A.
1	SPECIFIC CONDUCTANCE		115.0 UMHG	M. A.
1	SPECIFIC CONDUCTANCE		118.0 UMHG	ENV. ENG.
1	PH		6.60 PH	ENV. LAB.
1	PH		6.80 PH	M. A.
1	PH		6.70 PH	M. A.
0	SILVER	LT	6.79 PH	ENV. ENG.
0	SILVER	LT	10 UG/L	ENV. LAB.
0	ALUMINUM	LT	10 UG/L	M. A.
0	ARSENIC	LT	200 UG/L	M. A.
0	BARIUM	LT	10 UG/L	M. A.
0	BERYLLIUM	LT	200 UG/L	M. A.
1	CALCIUM	LT	5 UG/L	M. A.
0	CADMIUM		15400 UG/L	M. A.
0	CADMIUM	LT	10 UG/L	ENV. LAB.
0	CADMIUM	LT	5 UG/L	M. A.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	COBALT	LT	50 UG/L	M. A.
0	CHROMIUM	LT	50 UG/L	ENV. LAB.
0	CHROMIUM	LT	10 UG/L	M. A.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER	LT	20 UG/L	ENV. LAB.
0	COPPER	LT	25 UG/L	M. A.
0	COPPER		9 UG/L	ENV. ENG.
0	IRON	LT	50 UG/L	ENV. LAB.
0	IRON	LT	100 UG/L	M. A.
0	IRON	LT	20 UG/L	ENV. ENG.
0	MERCURY	LT	0.50 UG/L	ENV. LAB.
0	MERCURY	LT	0.20 UG/L	M. A.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	POTASSIUM	LT	5000 UG/L	M. A.
0	MAGNESIUM	LT	5000 UG/L	M. A.
0	MANGANESE	LT	20 UG/L	ENV. LAB.
0	MANGANESE	LT	15 UG/L	M. A.
0	MANGANESE		5 UG/L	ENV. ENG.
0	SODIUM		1900 UG/L	ENV. LAB.
0	SODIUM	LT	5000 UG/L	M. A.
0	SODIUM		2070 UG/L	ENV. ENG.
0	NICKEL	LT	50 UG/L	ENV. LAB.
0	NICKEL	LT	40 UG/L	M. A.
0	NICKEL	LT	4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	LT	200 UG/L	ENV. LAB.
0	NITRATE AS NITROGEN	LT	100 UG/L	M. A.
0	NITRATE AS NITROGEN	LT	50 UG/L	ENV. ENG.
0	LEAD	LT	10 UG/L	ENV. LAB.
0	LEAD	LT	5 UG/L	M. A.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	ANTIMONY	LT	60 UG/L	M. A.
0	SELENIUM	LT	5 UG/L	M. A.
1	SILICA		7610 UG/L	M. A.
0	TIN	LT	100 UG/L	M. A.
0	TOTAL ORGANIC CARBON	LT	5000 UG/L	ENV. LAB.
0	TOTAL ORGANIC CARBON	LT	500 UG/L	M. A.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. LAB.
0	TOTAL ORGANIC HALOGENS	LT	10 UG/L	M. A.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		300 UG/L	ENV. LAB.
0	TOTAL PHOSPHATES	LT	290 UG/L	M. A.
1	TOTAL PHOSPHATES		430 UG/L	ENV. ENG.
0	URANIUM	LT	1000 UG/L	M. A.
0	ZINC		20 UG/L	ENV. LAB.
0	ZINC		42 UG/L	M. A.
0	ZINC		29 UG/L	ENV. ENG.
0	GROSS ALPHA	LT	0.81 PCI/L	ENV. LAB.
0	GROSS ALPHA		0.00+-5.00 PCI/L	M. A.
0	GROSS ALPHA	LT	3 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		2.60+-0.69 PCI/L	ENV. LAB.
0	NONVOLATILE BETA		4.00+-3.00 PCI/L	M. A.
0	NONVOLATILE BETA		2.28+-0.93 PCI/L	RAD. MEAS.
0	TOTAL RADIUM		0.50+-0.30 PCI/L	M. A.
0	TRITIUM	LT	0.62 PCI/ML	ENV. LAB.
0	TRITIUM		0.00+-1.00 PCI/ML	M. A.
0	TRITIUM	LT	0.70 PCI/ML	RAD. MEAS.

WELL FSB 76A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/13/88 TIME 1110  
 DEPTH TO WATER = 141.15 FT ( 43.02 M) BELOW THE TOC  
 WATER ELEVATION = 152.75 FT ( 46.56 M) MSL  
 PH = 6.5 ALKALINITY = 45 MG/L  
 SPECIFIC CONDUCTANCE = 137 UMHOS/CM  
 WATER TEMPERATURE = 19.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 387 GAL

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		118.0 UMHG	ENV. ENG.
1	PH		6.86 PH	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER		9 UG/L	ENV. ENG.
0	IRON	LT	20 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	MANGANESE		5 UG/L	ENV. ENG.
0	SODIUM		2320 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	LT	50 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
1	TOTAL PHOSPHATES		430 UG/L	ENV. ENG.
0	ZINC		10 UG/L	ENV. ENG.
0	GROSS ALPHA	LT	3 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		2.14+-0.92 PCI/L	RAD. MEAS.
0	TRITIUM	LT	0.70 PCI/ML	RAD. MEAS.

WELL FSB 76B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/08/88 TIME 1030  
 DEPTH TO WATER = 143.54 FT ( 43.75 M) BELOW THE TOC  
 WATER ELEVATION = 150.26 FT ( 45.80 M) MSL  
 PH = 6.8 ALKALINITY = 53 MG/L  
 SPECIFIC CONDUCTANCE = 121 UMHOS/CM  
 WATER TEMPERATURE = 19.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 134 GAL

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		166.0 UMHG	ENV. ENG.
1	SPECIFIC CONDUCTANCE		150.0 UMHG	ENV. ENG.
1	PH		6.50 PH	ENV. ENG.
1	PH		6.78 PH	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER		14 UG/L	ENV. ENG.
0	IRON	LT	20 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	MANGANESE		2 UG/L	ENV. ENG.
0	SODIUM		1850 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		610 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
1	TOTAL PHOSPHATES		340 UG/L	ENV. ENG.
0	ZINC		17 UG/L	ENV. ENG.
0	GROSS ALPHA	LT	3 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	LT	2 PCI/L	RAD. MEAS.
0	TRITIUM	LT	0.70 PCI/ML	RAD. MEAS.

WELL FSB 76C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/08/88 TIME 1100  
 DEPTH TO WATER = 82.63 FT ( 25.19 M) BELOW THE TOC  
 WATER ELEVATION = 210.97 FT ( 64.30 M) MSL  
 PH = 5.8 ALKALINITY = 11 MG/L  
 SPECIFIC CONDUCTANCE = 43 UMHOS/CM  
 WATER TEMPERATURE = 19.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 148 GAL

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		47.90 UMHG	ENV. ENG.
0	SPECIFIC CONDUCTANCE		48.10 UMHG	ENV. ENG.
0	PH		5.89 PH	ENV. ENG.
0	PH		5.91 PH	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
2	CHROMIUM		247 UG/L	ENV. ENG.
0	COPPER		17 UG/L	ENV. ENG.
0	IRON		147 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
1	MANGANESE		28 UG/L	ENV. ENG.
0	SODIUM		3840 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		1190 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		50 UG/L	ENV. ENG.
0	ZINC		37 UG/L	ENV. ENG.
0	GROSS ALPHA		0.32+-0.48 PCI/L	HP, 735A

CONTINUED

WELL FSB 76C COLLECTED ON 10/08/88 LABORATORY ANALYSES CONTINUED

0 GROSS ALPHA LT 3 PCI/L RAD. MEAS.  
 0 GROSS ALPHA LT 3 PCI/L RAD. MEAS.  
 0 NONVOLATILE BETA 0.81+-1.44 PCI/L HP, 735A  
 0 NONVOLATILE BETA 0.85+-0.80 PCI/L RAD. MEAS.  
 0 NONVOLATILE BETA LT 2 PCI/L RAD. MEAS.  
 0 TRITIUM 2.93+-0.50 PCI/ML HP, 735A  
 0 TRITIUM 2.17+-0.25 PCI/ML RAD. MEAS.  
 0 TRITIUM 2.40+-0.26 PCI/ML RAD. MEAS.

WELL FSB 77

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/08/88 TIME 1130  
 DEPTH TO WATER = 61.40 FT ( 18.71 M) BELOW THE TOC  
 WATER ELEVATION = 211.90 FT ( 64.59 M) MSL  
 PH = 3.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 278 UMHOS/CM  
 WATER TEMPERATURE = 19.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 67 GAL

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE 322.0 UMHC ENV. ENG.  
 0 PH 4.02 PH ENV. ENG.  
 0 CADMIUM LT 2 UG/L ENV. ENG.  
 0 CHROMIUM LT 4 UG/L ENV. ENG.  
 1 COPPER 133 UG/L ENV. ENG.  
 0 IRON 21 UG/L ENV. ENG.  
 0 MERCURY 0.21 UG/L ENV. ENG.  
 2 MANGANESE 80 UG/L ENV. ENG.  
 1 SODIUM 9700 UG/L ENV. ENG.  
 0 NICKEL 5 UG/L ENV. ENG.  
 2 NITRATE AS NITROGEN 24700 UG/L ENV. ENG.  
 0 LEAD 16 UG/L ENV. ENG.  
 0 TOTAL ORGANIC CARBON LT 1000 UG/L ENV. ENG.  
 0 TOTAL ORGANIC HALOGENS LT 5 UG/L ENV. ENG.  
 0 TOTAL PHOSPHATES LT 20 UG/L ENV. ENG.  
 0 ZINC 36 UG/L ENV. ENG.  
 2 GROSS ALPHA 253+-12.1 PCI/L HP, 735A  
 2 GROSS ALPHA 19.30+-2.69 PCI/L RAD. MEAS.  
 2 NONVOLATILE BETA 250+-8.19 PCI/L HP, 735A  
 2 NONVOLATILE BETA 341+-7.41 PCI/L RAD. MEAS.  
 2 TRITIUM 2150+-20.8 PCI/ML HP, 735A  
 2 TRITIUM 2278+-13.1 PCI/ML RAD. MEAS.

WELL FSB 78

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/08/88 TIME 1655  
 DEPTH TO WATER = 64.39 FT ( 19.63 M) BELOW THE TOC  
 WATER ELEVATION = 208.21 FT ( 63.46 M) MSL  
 PH = 2.9 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 5140 UMHOS/CM  
 WATER TEMPERATURE = 20.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 54 GAL

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE 3154 UMHC ENV. ENG.  
 1 PH 3.46 PH ENV. ENG.  
 2 CADMIUM 8 UG/L ENV. ENG.  
 2 CHROMIUM 32 UG/L ENV. ENG.  
 1 COPPER 90 UG/L ENV. ENG.  
 0 IRON 98 UG/L ENV. ENG.  
 1 MERCURY 0.94 UG/L ENV. ENG.  
 2 MANGANESE 1120 UG/L ENV. ENG.  
 1 SODIUM 89000 UG/L ENV. ENG.  
 1 NICKEL 50 UG/L ENV. ENG.  
 2 NITRATE AS NITROGEN 416000 UG/L ENV. ENG.  
 0 LEAD LT 6 UG/L ENV. ENG.  
 0 TOTAL ORGANIC CARBON LT 1000 UG/L ENV. ENG.  
 0 TOTAL ORGANIC HALOGENS LT 5 UG/L ENV. ENG.  
 1 TOTAL PHOSPHATES 360 UG/L ENV. ENG.  
 0 ZINC 185 UG/L ENV. ENG.  
 2 GROSS ALPHA 172+- 10 PCI/L HP, 735A  
 2 GROSS ALPHA 1238+- 70 PCI/L RAD. MEAS.  
 2 NONVOLATILE BETA 1910+-22.5 PCI/L HP, 735A  
 2 NONVOLATILE BETA 4312+- 83 PCI/L RAD. MEAS.  
 2 TRITIUM 45000+-9320 PCI/ML HP, 735A  
 2 TRITIUM 48218+-59.6 PCI/ML RAD. MEAS.

WELL FSB 78A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/08/88 TIME 1705  
 DEPTH TO WATER = 118.26 FT ( 36.05 M) BELOW THE TOC  
 WATER ELEVATION = 154.34 FT ( 47.04 M) MSL  
 PH = 6.9 ALKALINITY = 83 MG/L  
 SPECIFIC CONDUCTANCE = 135 UMHOS/CM  
 WATER TEMPERATURE = 19.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 346 GAL

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE 116.0 UMHC ENV. ENG.  
 0 PH 6.14 PH ENV. ENG.  
 0 CADMIUM LT 2 UG/L ENV. ENG.  
 0 CADMIUM LT 2 UG/L ENV. ENG.  
 0 CHROMIUM LT 4 UG/L ENV. ENG.  
 0 COPPER 9 UG/L ENV. ENG.  
 0 COPPER 8 UG/L ENV. ENG.  
 0 IRON LT 20 UG/L ENV. ENG.  
 0 IRON LT 20 UG/L ENV. ENG.  
 0 MERCURY LT 0.20 UG/L ENV. ENG.  
 0 MANGANESE 13 UG/L ENV. ENG.  
 0 MANGANESE 13 UG/L ENV. ENG.  
 0 SODIUM 1799 UG/L ENV. ENG.  
 0 SODIUM 1870 UG/L ENV. ENG.  
 0 NICKEL LT 4 UG/L ENV. ENG.  
 0 NICKEL LT 4 UG/L ENV. ENG.  
 0 NITRATE AS NITROGEN 180 UG/L ENV. ENG.  
 0 LEAD LT 6 UG/L ENV. ENG.  
 0 LEAD LT 6 UG/L ENV. ENG.  
 0 TOTAL ORGANIC CARBON LT 1000 UG/L ENV. ENG.  
 0 TOTAL ORGANIC HALOGENS 6 UG/L ENV. ENG.  
 0 TOTAL PHOSPHATES 160 UG/L ENV. ENG.  
 0 TOTAL PHOSPHATES 170 UG/L ENV. ENG.  
 0 ZINC 14 UG/L ENV. ENG.  
 0 ZINC 11 UG/L ENV. ENG.  
 0 GROSS ALPHA 1.34+-1.11 PCI/L RAD. MEAS.  
 0 NONVOLATILE BETA 4.48+-1.13 PCI/L RAD. MEAS.  
 0 TRITIUM 9.00+-0.33 PCI/ML RAD. MEAS.

WELL FSB 78B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/08/88 TIME 1635  
 DEPTH TO WATER = 120.03 FT ( 36.59 M) BELOW THE TOC  
 WATER ELEVATION = 152.77 FT ( 46.56 M) MSL  
 PH = 7.3 ALKALINITY = 76 MG/L  
 SPECIFIC CONDUCTANCE = 228 UMHOS/CM  
 WATER TEMPERATURE = 19.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 186 GAL

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE 220.0 UMHC ENV. ENG.  
 1 PH 7.39 PH ENV. ENG.  
 0 CADMIUM LT 2 UG/L ENV. ENG.  
 0 CHROMIUM LT 4 UG/L ENV. ENG.  
 0 COPPER 12 UG/L ENV. ENG.  
 0 IRON LT 20 UG/L ENV. ENG.  
 0 MERCURY LT 0.20 UG/L ENV. ENG.  
 0 MANGANESE 2 UG/L ENV. ENG.  
 0 SODIUM 3550 UG/L ENV. ENG.  
 0 NICKEL LT 4 UG/L ENV. ENG.  
 1 NITRATE AS NITROGEN 5550 UG/L ENV. ENG.  
 0 LEAD LT 6 UG/L ENV. ENG.  
 0 TOTAL ORGANIC CARBON LT 1000 UG/L ENV. ENG.  
 0 TOTAL ORGANIC HALOGENS LT 5 UG/L ENV. ENG.  
 0 TOTAL PHOSPHATES 80 UG/L ENV. ENG.  
 0 ZINC 11 UG/L ENV. ENG.  
 0 GROSS ALPHA 0.74+-0.64 PCI/L HP, 735A  
 0 GROSS ALPHA 1.62+-1.25 PCI/L RAD. MEAS.  
 0 NONVOLATILE BETA 9.10+-2.18 PCI/L HP, 735A  
 0 NONVOLATILE BETA 5.17+-1.37 PCI/L RAD. MEAS.  
 2 TRITIUM 227+-2.13 PCI/ML HP, 735A  
 2 TRITIUM 215+-1.32 PCI/ML RAD. MEAS.

WELL FSB 78C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/09/88 TIME 1110  
 DEPTH TO WATER = 66.60 FT ( 20.30 M) BELOW THE TOC  
 WATER ELEVATION = 206.90 FT ( 63.06 M) MSL  
 PH = 4.3 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 2010 UMHOS/CM  
 WATER TEMPERATURE = 19.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 26 GAL  
 THE WELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE 2019 UMHC ENV. ENG.  
 1 SPECIFIC CONDUCTANCE 2008 UMHC ENV. ENG.  
 0 PH 4.28 PH ENV. ENG.  
 0 PH 4.32 PH ENV. ENG.  
 2 CADMIUM 9 UG/L ENV. ENG.  
 0 CHROMIUM LT 4 UG/L ENV. ENG.  
 1 COPPER 52 UG/L ENV. ENG.  
 0 IRON 100 UG/L ENV. ENG.  
 0 MERCURY LT 0.20 UG/L ENV. ENG.  
 2 MANGANESE 7800 UG/L ENV. ENG.

CONTINUED

WELL FSB 78C COLLECTED ON 10/09/88 LABORATORY ANALYSES CONTINUED

1	SODIUM	99500 UG/L	ENV. ENG.
1	NICKEL	63 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN	218000 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN	219000 UG/L	ENV. ENG.
0	LEAD	16 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1100 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	8 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	70 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	70 UG/L	ENV. ENG.
1	ZINC	489 UG/L	ENV. ENG.
2	GROSS ALPHA	20.00+-3.46 PCI/L	HP, 735A
2	GROSS ALPHA	85.40+-20.8 PCI/L	RAD. MEAS.
2	NONVOLATILE BETA	866+-15.2 PCI/L	HP, 735A
2	NONVOLATILE BETA	1568+-50.7 PCI/L	RAD. MEAS.
2	TRITIUM	9600+-43.2 PCI/ML	HP, 735A
2	TRITIUM	10651+-28.1 PCI/ML	RAD. MEAS.

WELL FSB 79

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/08/88 TIME 1300  
 DEPTH TO WATER = 16.51 FT ( 5.03 M) BELOW THE TOC  
 WATER ELEVATION = 201.29 FT ( 61.35 M) MSL  
 PH = 3.2 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 1902 UMHOS/CM  
 WATER TEMPERATURE = 19.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 72 GAL

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	1900 UMHOS	ENV. ENG.
1	PH	3.47 PH	ENV. ENG.
1	CADMIUM	3 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L
0	COPPER	64 UG/L	ENV. ENG.
1	IRON	209 UG/L	ENV. ENG.
1	MERCURY	0.73 UG/L	ENV. ENG.
2	MANGANESE	8650 UG/L	ENV. ENG.
1	SODIUM	120000 UG/L	ENV. ENG.
1	NICKEL	43 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN	250000 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L
0	TOTAL ORGANIC CARBON	LT	1000 UG/L
0	TOTAL ORGANIC HALOGENS	8 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	6 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	150 UG/L	ENV. ENG.
1	ZINC	251 UG/L	ENV. ENG.
2	GROSS ALPHA	102+-7.72 PCI/L	HP, 735A
2	GROSS ALPHA	370+-36.3 PCI/L	RAD. MEAS.
2	NONVOLATILE BETA	844+-15 PCI/L	HP, 735A
2	NONVOLATILE BETA	1344+-47.2 PCI/L	RAD. MEAS.
2	TRITIUM	19900+-62.1 PCI/ML	HP, 735A
2	TRITIUM	22167+-40.4 PCI/ML	RAD. MEAS.

WELL FSB 79A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/08/88 TIME 1245  
 DEPTH TO WATER = 61.65 FT ( 18.79 M) BELOW THE TOC  
 WATER ELEVATION = 156.45 FT ( 47.69 M) MSL  
 PH = 6.2 ALKALINITY = 30 MG/L  
 SPECIFIC CONDUCTANCE = 85 UMHOS/CM  
 WATER TEMPERATURE = 19.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 368 GAL

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	91.10 UMHOS	ENV. ENG.
0	PH	6.05 PH	ENV. ENG.
0	CADMIUM	LT	2 UG/L
2	CHROMIUM	69 UG/L	ENV. ENG.
0	COPPER	7 UG/L	ENV. ENG.
0	IRON	43 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L
0	MERCURY	LT	0.20 UG/L
0	MANGANESE	5 UG/L	ENV. ENG.
0	SODIUM	2550 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L
0	NITRATE AS NITROGEN	290 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L
0	TOTAL ORGANIC CARBON	LT	1000 UG/L
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L
0	TOTAL PHOSPHATES	130 UG/L	ENV. ENG.
0	ZINC	9 UG/L	ENV. ENG.
0	GROSS ALPHA	LT	3 PCI/L
0	NONVOLATILE BETA	1.23+-0.96 PCI/L	RAD. MEAS.
0	TRITIUM	9.34+-0.34 PCI/ML	RAD. MEAS.

WELL FSB 79B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/08/88 TIME 1235  
 DEPTH TO WATER = 61.73 FT ( 18.82 M) BELOW THE TOC  
 WATER ELEVATION = 156.47 FT ( 47.69 M) MSL  
 PH = 6.8 ALKALINITY = 45 MG/L  
 SPECIFIC CONDUCTANCE = 168 UMHOS/CM  
 WATER TEMPERATURE = 19.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 201 GAL

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	164.0 UMHOS	ENV. ENG.
1	PH	6.79 PH	ENV. ENG.
0	CADMIUM	LT	2 UG/L
0	CHROMIUM	LT	4 UG/L
0	COPPER	11 UG/L	ENV. ENG.
0	IRON	LT	20 UG/L
0	MERCURY	LT	0.20 UG/L
0	MANGANESE	3 UG/L	ENV. ENG.
0	SODIUM	1900 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L
0	NITRATE AS NITROGEN	850 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L
0	TOTAL ORGANIC CARBON	LT	1000 UG/L
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L
1	TOTAL PHOSPHATES	390 UG/L	ENV. ENG.
0	ZINC	10 UG/L	ENV. ENG.
0	GROSS ALPHA	LT	3 PCI/L
0	NONVOLATILE BETA	1.11+-0.95 PCI/L	RAD. MEAS.
1	TRITIUM	11.40+-0.36 PCI/ML	RAD. MEAS.

WELL FSB 79C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/06/88 TIME 1205  
 DEPTH TO WATER = 22.32 FT ( 6.80 M) BELOW THE TOC  
 WATER ELEVATION = 196.08 FT ( 59.77 M) MSL  
 PH = 3.4 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 1515 UMHOS/CM  
 WATER TEMPERATURE = 18.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 122 GAL

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	1544 UMHOS	ENV. ENG.
1	PH	3.55 PH	ENV. ENG.
2	CADMIUM	32 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L
1	COPPER	80 UG/L	ENV. ENG.
0	IRON	40 UG/L	ENV. ENG.
0	MERCURY	0.36 UG/L	ENV. ENG.
2	MANGANESE	2380 UG/L	ENV. ENG.
1	SODIUM	122000 UG/L	ENV. ENG.
1	NICKEL	35 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN	165000 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L
0	TOTAL ORGANIC CARBON	LT	1000 UG/L
1	TOTAL ORGANIC HALOGENS	10 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	30 UG/L	ENV. ENG.
0	ZINC	154 UG/L	ENV. ENG.
2	GROSS ALPHA	193+-10.6 PCI/L	HP, 735A
2	GROSS ALPHA	638+-48.6 PCI/L	RAD. MEAS.
2	NONVOLATILE BETA	3110+-28.7 PCI/L	HP, 735A
2	NONVOLATILE BETA	4775+-87.5 PCI/L	RAD. MEAS.
2	TRITIUM	10000+-44.2 PCI/ML	HP, 735A
2	TRITIUM	11312+-28.9 PCI/ML	RAD. MEAS.

WELL FSB 87A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/08/88 TIME 1520  
 DEPTH TO WATER = 135.62 FT ( 41.34 M) BELOW THE TOC  
 WATER ELEVATION = 152.18 FT ( 46.39 M) MSL  
 PH = 6.3 ALKALINITY = 36 MG/L  
 SPECIFIC CONDUCTANCE = 107 UMHOS/CM  
 WATER TEMPERATURE = 20.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 312 GAL

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	114.0 UMHOS	ENV. ENG.
0	PH	6.40 PH	ENV. ENG.
0	CADMIUM	LT	2 UG/L
0	CHROMIUM	LT	4 UG/L
0	COPPER	8 UG/L	ENV. ENG.
0	IRON	LT	20 UG/L
0	MERCURY	LT	0.20 UG/L
0	MANGANESE	3 UG/L	ENV. ENG.
0	SODIUM	1730 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L
0	NITRATE AS NITROGEN	300 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	320 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L
0	TOTAL ORGANIC CARBON	LT	1000 UG/L
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L
0	TOTAL PHOSPHATES	250 UG/L	ENV. ENG.
0	ZINC	11 UG/L	ENV. ENG.
0	GROSS ALPHA	LT	3 PCI/L
0	GROSS ALPHA	LT	3 PCI/L

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MELL FSB 97A COLLECTED ON 10/08/88 LABORATORY ANALYSES CONTINUED

0 NONVOLATILE BETA LT 2 PCI/L RAD. MEAS.  
 0 NONVOLATILE BETA 1.43+-0.97 PCI/L RAD. MEAS.  
 1 TRITIUM 18.60+-0.43 PCI/ML RAD. MEAS.  
 1 TRITIUM 18.60+-0.43 PCI/ML RAD. MEAS.

MELL FSB 87B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/08/88 TIME 1535  
 DEPTH TO WATER = 137.82 FT ( 42.01 M) BELOW THE TOC  
 WATER ELEVATION = 149.68 FT ( 45.62 M) MSL  
 PH = 5.9 ALKALINITY = 14 MG/L  
 SPECIFIC CONDUCTANCE = 67 UMHS/CM  
 WATER TEMPERATURE = 20.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 156 GAL

LABORATORY ANALYSES

0 SPECIFIC CONDUCTANCE 67.20 UMHS ENV. ENG.  
 0 PH 6.18 PH ENV. ENG.  
 0 CADMIUM LT 2 UG/L ENV. ENG.  
 0 CHROMIUM LT 4 UG/L ENV. ENG.  
 0 COPPER LT 7 UG/L ENV. ENG.  
 0 IRON LT 20 UG/L ENV. ENG.  
 0 MERCURY LT 0.20 UG/L ENV. ENG.  
 0 MANGANESE LT 4 UG/L ENV. ENG.  
 0 SODIUM LT 2140 UG/L ENV. ENG.  
 0 NICKEL LT 4 UG/L ENV. ENG.  
 0 NITRATE AS NITROGEN LT 2210 UG/L ENV. ENG.  
 0 LEAD LT 6 UG/L ENV. ENG.  
 0 TOTAL ORGANIC CARBON LT 1000 UG/L ENV. ENG.  
 0 TOTAL ORGANIC HALOGENS 6 UG/L ENV. ENG.  
 0 TOTAL ORGANIC HALOGENS 6 UG/L ENV. ENG.  
 1 TOTAL PHOSPHATES 1290 UG/L ENV. ENG.  
 0 ZINC 14 UG/L ENV. ENG.  
 0 GROSS ALPHA 0.32+-0.48 PCI/L HP, 735A  
 0 GROSS ALPHA 2.46+-1.13 PCI/L RAD. MEAS.  
 0 NONVOLATILE BETA 2.28+-1.59 PCI/L HP, 735A  
 0 NONVOLATILE BETA 4.21+-1.11 PCI/L RAD. MEAS.  
 2 TRITIUM 97.20+-1.05 PCI/ML HP, 735A  
 2 TRITIUM 41.10+-0.61 PCI/ML RAD. MEAS.

MELL FSB 87C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/08/88 TIME 1505  
 DEPTH TO WATER = 79.95 FT ( 24.37 M) BELOW THE TOC  
 WATER ELEVATION = 207.55 FT ( 63.26 M) MSL  
 PH = 6.0 ALKALINITY = 8 MG/L  
 SPECIFIC CONDUCTANCE = 170 UMHS/CM  
 WATER TEMPERATURE = 20.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 154 GAL

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE 157.0 UMHS ENV. ENG.  
 0 PH 6.43 PH ENV. ENG.  
 0 CADMIUM LT 2 UG/L ENV. ENG.  
 0 CHROMIUM LT 4 UG/L ENV. ENG.  
 0 COPPER 9 UG/L ENV. ENG.  
 0 IRON LT 20 UG/L ENV. ENG.  
 0 MERCURY LT 0.20 UG/L ENV. ENG.  
 0 MANGANESE LT 12 UG/L ENV. ENG.  
 1 SODIUM 8900 UG/L ENV. ENG.  
 0 NICKEL LT 4 UG/L ENV. ENG.  
 2 NITRATE AS NITROGEN 12900 UG/L ENV. ENG.  
 0 LEAD 8 UG/L ENV. ENG.  
 0 TOTAL ORGANIC CARBON LT 1000 UG/L ENV. ENG.  
 0 TOTAL ORGANIC HALOGENS 6 UG/L ENV. ENG.  
 0 TOTAL PHOSPHATES LT 20 UG/L ENV. ENG.  
 0 ZINC 18 UG/L ENV. ENG.  
 0 GROSS ALPHA 2.32+-1.30 PCI/L HP, 735A  
 0 GROSS ALPHA 1.59+-1.03 PCI/L RAD. MEAS.  
 0 NONVOLATILE BETA 8.41+-1.79 PCI/L HP, 735A  
 1 NONVOLATILE BETA 11.10+-1.34 PCI/L RAD. MEAS.  
 2 TRITIUM 1050+-4.49 PCI/ML HP, 735A  
 2 TRITIUM 922+-2.67 PCI/ML RAD. MEAS.

MELL FSB 87D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/09/88 TIME 1050  
 PH = 5.9 ALKALINITY = 26 MG/L  
 SPECIFIC CONDUCTANCE = 179 UMHS/CM  
 WATER TEMPERATURE = 19.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 3 GAL  
 THE WELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE 222.0 UMHS ENV. ENG.  
 0 PH 5.71 PH ENV. ENG.  
 0 CADMIUM 2 UG/L ENV. ENG.  
 1 CHROMIUM 6 UG/L ENV. ENG.  
 1 COPPER 339 UG/L ENV. ENG.  
 0 IRON 120 UG/L ENV. ENG.  
 0 MERCURY LT 0.20 UG/L ENV. ENG.  
 2 MANGANESE 323 UG/L ENV. ENG.  
 CONTINUED

MELL FSB 87D COLLECTED ON 10/09/88 LABORATORY ANALYSES CONTINUED

1 SODIUM 13200 UG/L ENV. ENG.  
 1 NICKEL 10 UG/L ENV. ENG.  
 2 NITRATE AS NITROGEN 28800 UG/L ENV. ENG.  
 2 NITRATE AS NITROGEN 29100 UG/L ENV. ENG.  
 0 LEAD LT 6 UG/L ENV. ENG.  
 0 TOTAL ORGANIC CARBON LT 1000 UG/L ENV. ENG.  
 0 TOTAL ORGANIC HALOGENS 8 UG/L ENV. ENG.  
 0 TOTAL PHOSPHATES LT 20 UG/L ENV. ENG.  
 0 ZINC 157 UG/L ENV. ENG.  
 1 GROSS ALPHA 8.27+-2.26 PCI/L HP, 735A  
 2 GROSS ALPHA 23.10+-2.87 PCI/L RAD. MEAS.  
 1 NONVOLATILE BETA 43.10+-3.52 PCI/L HP, 735A  
 2 NONVOLATILE BETA 54.10+-2.57 PCI/L RAD. MEAS.  
 2 TRITIUM 3580+-8.32 PCI/ML HP, 735A  
 2 TRITIUM 3552+-16.2 PCI/ML RAD. MEAS.

MELL FSB 88C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/16/88 TIME 1600  
 DEPTH TO WATER = 72.03 FT ( 21.96 M) BELOW THE TOC  
 WATER ELEVATION = 210.97 FT ( 64.30 M) MSL  
 PH = 5.1 ALKALINITY = 7 MG/L  
 SPECIFIC CONDUCTANCE = 56 UMHS/CM  
 WATER TEMPERATURE = 19.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 138 GAL

LABORATORY ANALYSES

0 SPECIFIC CONDUCTANCE 57.00 UMHS ENV. ENG.  
 0 PH 5.76 PH ENV. ENG.  
 0 SILVER LT 2 UG/L ENV. ENG.  
 0 SILVER LT 2 UG/L ENV. ENG.  
 0 ARSENIC LT 2 UG/L ENV. ENG.  
 0 ARSENIC LT 2 UG/L ENV. ENG.  
 0 BARIUM LT 20 UG/L ENV. ENG.  
 0 BROMODICHLOROMETHANE LT 5 UG/L ENV. ENG.  
 0 CALCIUM 4830 UG/L ENV. ENG.  
 0 TRICHLOROFLUOROMETHANE LT 5 UG/L ENV. ENG.  
 0 CARBON TETRACHLORIDE LT 5.00 UG/L ENV. ENG.  
 0 CADMIUM LT 2 UG/L ENV. ENG.  
 0 BROMOFORM LT 10 UG/L ENV. ENG.  
 0 CHLOROFORM LT 5 UG/L ENV. ENG.  
 0 METHYLENE CHLORIDE LT 5 UG/L ENV. ENG.  
 0 BROMOMETHANE LT 10 UG/L ENV. ENG.  
 0 CHLOROMETHANE LT 10 UG/L ENV. ENG.  
 0 CHLORIDE LT 3400 UG/L ENV. ENG.  
 0 CHLOROBENZENE LT 5 UG/L ENV. ENG.  
 0 CHROMIUM LT 4 UG/L ENV. ENG.  
 0 COPPER 5 UG/L ENV. ENG.  
 0 CHLOROETHENE LT 10 UG/L ENV. ENG.  
 0 CHLOROETHANE LT 10 UG/L ENV. ENG.  
 0 BENZENE LT 5 UG/L ENV. ENG.  
 0 DIBROMOCHLOROMETHANE LT 5 UG/L ENV. ENG.  
 0 ETHYLBENZENE LT 5 UG/L ENV. ENG.  
 0 FLUORIDE LT 100 UG/L ENV. ENG.  
 0 IRON 129 UG/L ENV. ENG.  
 0 MERCURY LT 0.20 UG/L ENV. ENG.  
 0 MERCURY LT 0.20 UG/L ENV. ENG.  
 0 POTASSIUM 667 UG/L ENV. ENG.  
 0 TOLUENE LT 5 UG/L ENV. ENG.  
 0 MAGNESIUM 570 UG/L ENV. ENG.  
 0 MANGANESE 19 UG/L ENV. ENG.  
 0 SODIUM 4070 UG/L ENV. ENG.  
 0 NICKEL LT 4 UG/L ENV. ENG.  
 0 NITRATE AS NITROGEN 1790 UG/L ENV. ENG.  
 0 LEAD LT 6 UG/L ENV. ENG.  
 0 PHENOL LT 5 UG/L ENV. ENG.  
 0 SELENIUM LT 2 UG/L ENV. ENG.  
 0 SELENIUM LT 2 UG/L ENV. ENG.  
 1 SILICA 7800 UG/L ENV. ENG.  
 0 SULFATE LT 5000 UG/L ENV. ENG.  
 0 1,1,2,2-TETRACHLOROETHANE LT 10 UG/L ENV. ENG.  
 2 TETRACHLOROETHYLENE 8.60 UG/L ENV. ENG.  
 0 TOTAL DISSOLVED SOLIDS 82000 UG/L ENV. ENG.  
 0 TOTAL ORGANIC CARBON LT 1000 UG/L ENV. ENG.  
 0 TOTAL ORGANIC CARBON LT 1000 UG/L ENV. ENG.  
 1 TOTAL ORGANIC HALOGENS 13 UG/L ENV. ENG.  
 0 TOTAL PHOSPHATES 60 UG/L ENV. ENG.  
 0 TRICHLOROETHYLENE LT 5.00 UG/L ENV. ENG.  
 0 TRANS-1,2-DICHLOROETHENE LT 5 UG/L ENV. ENG.  
 0 1,1-DICHLOROETHYLENE LT 5 UG/L ENV. ENG.  
 0 1,1-DICHLOROETHANE LT 5 UG/L ENV. ENG.  
 0 1,1,1-TRICHLOROETHANE LT 5 UG/L ENV. ENG.  
 0 1,1,2-TRICHLOROETHANE LT 5 UG/L ENV. ENG.  
 0 1,2-DICHLOROETHANE LT 1 UG/L ENV. ENG.  
 0 1,2-DICHLOROPROPANE LT 10 UG/L ENV. ENG.  
 0 CIS-1,3-DICHLOROPROPENE LT 5 UG/L ENV. ENG.  
 0 TRANS-1,3-DICHLOROPROPENE LT 5 UG/L ENV. ENG.  
 0 2-CHLOROETHYL VINYL ETHER LT 10 UG/L ENV. ENG.  
 0 ZINC 11 UG/L ENV. ENG.  
 0 GROSS ALPHA LT 3 PCI/L RAD. MEAS.  
 0 NONVOLATILE BETA 1.56+-0.82 PCI/L RAD. MEAS.  
 0 TOTAL RADIUM LT 1 PCI/L RAD. MEAS.  
 2 TRITIUM 25.70+-0.50 PCI/ML RAD. MEAS.

MELL FSB 880

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/17/88 TIME 1055  
 DEPTH TO WATER = 67.81 FT ( 20.67 M) BELOW THE TOC  
 WATER ELEVATION = 214.59 FT ( 65.41 M) MSL  
 PH = 4.4 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 959 UMHOS/CM  
 WATER TEMPERATURE = 19.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 5 GAL  
 THE WELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	910.0 UMHOS	ENV. ENG.
0	PH	4.49 PH	ENV. ENG.
0	SILVER	2 UG/L	ENV. ENG.
0	ARSENIC	2 UG/L	ENV. ENG.
1	BARIUM	358 UG/L	ENV. ENG.
1	CADMIUM	31900 UG/L	ENV. ENG.
0	CADMIUM	2 UG/L	ENV. ENG.
0	CHLORIDE	1000 UG/L	ENV. ENG.
0	CHROMIUM	4 UG/L	ENV. ENG.
1	COPPER	27 UG/L	ENV. ENG.
0	FLUORIDE	270 UG/L	ENV. ENG.
1	IRON	217 UG/L	ENV. ENG.
0	MERCURY	0.20 UG/L	ENV. ENG.
1	POTASSIUM	5580 UG/L	ENV. ENG.
1	MAGNESIUM	6390 UG/L	ENV. ENG.
2	MANGANESE	1210 UG/L	ENV. ENG.
1	SODIUM	95900 UG/L	ENV. ENG.
1	NICKEL	28 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN	110000 UG/L	ENV. ENG.
2	LEAD	71 UG/L	ENV. ENG.
0	PHENOL	5 UG/L	ENV. ENG.
0	SELENIUM	2 UG/L	ENV. ENG.
1	SILICA	28300 UG/L	ENV. ENG.
0	SULFATE	7900 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	662000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	50 UG/L	ENV. ENG.
0	ZINC	189 UG/L	ENV. ENG.
2	GROSS ALPHA	33.80+-4.45 PCI/L	HP, 73SA
2	GROSS ALPHA	141+-12.1 PCI/L	RAD. MEAS.
2	NONVOLATILE BETA	361+-9.85 PCI/L	HP, 73SA
2	NONVOLATILE BETA	734+-17.5 PCI/L	RAD. MEAS.
2	TOTAL RADIUM	7.71+-1.04 PCI/L	RAD. MEAS.
2	TRITIUM	2950+-7.36 PCI/ML	HP, 73SA
2	TRITIUM	2806+-32.8 PCI/ML	RAD. MEAS.

MELL FSB 89C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/13/88 TIME 1310  
 DEPTH TO WATER = 70.93 FT ( 21.62 M) BELOW THE TOC  
 WATER ELEVATION = 210.37 FT ( 64.12 M) MSL  
 PH = 5.8 ALKALINITY = 18 MG/L  
 SPECIFIC CONDUCTANCE = 67 UMHOS/CM  
 WATER TEMPERATURE = 19.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 142 GAL

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	57.00 UMHOS	ENV. ENG.
0	SPECIFIC CONDUCTANCE	54.90 UMHOS	W. A.
0	SPECIFIC CONDUCTANCE	66.80 UMHOS	ENV. ENG.
0	PH	6.20 PH	ENV. ENG.
0	PH	6.40 PH	W. A.
0	PH	6.24 PH	ENV. ENG.
0	SILVER	0.01 UG/L	ENV. ENG.
0	SILVER	10 UG/L	ENV. ENG.
0	SILVER	2 UG/L	ENV. ENG.
0	ALUMINUM	200 UG/L	W. A.
0	ARSENIC	10 UG/L	ENV. ENG.
0	ARSENIC	10 UG/L	W. A.
0	ARSENIC	2 UG/L	ENV. ENG.
0	BARIUM	100 UG/L	ENV. ENG.
0	BARIUM	200 UG/L	W. A.
0	BARIUM	13 UG/L	ENV. ENG.
0	BERYLLIUM	5 UG/L	W. A.
0	CALCIUM	5100 UG/L	ENV. ENG.
0	CALCIUM	5000 UG/L	W. A.
0	CALCIUM	5180 UG/L	ENV. ENG.
0	CADMIUM	10 UG/L	ENV. ENG.
0	CADMIUM	5 UG/L	W. A.
0	CADMIUM	2 UG/L	ENV. ENG.
0	CHLORIDE	3000 UG/L	ENV. ENG.
0	CHLORIDE	2700 UG/L	W. A.
0	CHLORIDE	5900 UG/L	ENV. ENG.
0	COBALT	50 UG/L	W. A.
0	CHROMIUM	50 UG/L	ENV. ENG.
0	CHROMIUM	10 UG/L	W. A.
0	CHROMIUM	4 UG/L	ENV. ENG.
0	COPPER	20 UG/L	ENV. ENG.
0	COPPER	25 UG/L	W. A.
0	COPPER	4 UG/L	ENV. ENG.
0	FLUORIDE	100 UG/L	ENV. ENG.
0	FLUORIDE	100 UG/L	W. A.
0	FLUORIDE	100 UG/L	ENV. ENG.
0	IRON	50 UG/L	ENV. ENG.
0	IRON	100 UG/L	W. A.
0	IRON	20 UG/L	ENV. ENG.
0	MERCURY	0.50 UG/L	ENV. ENG.

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MELL FSB 89C COLLECTED ON 11/13/88 LABORATORY ANALYSES CONTINUED

0	MERCURY	0.20 UG/L	W. A.
0	MERCURY	0.20 UG/L	ENV. ENG.
0	MERCURY	0.20 UG/L	ENV. ENG.
0	POTASSIUM	2200 UG/L	ENV. ENG.
0	POTASSIUM	5000 UG/L	W. A.
0	POTASSIUM	2120 UG/L	ENV. ENG.
0	MAGNESIUM	420 UG/L	ENV. ENG.
0	MAGNESIUM	5000 UG/L	W. A.
0	MAGNESIUM	449 UG/L	ENV. ENG.
0	MANGANESE	20 UG/L	ENV. ENG.
0	MANGANESE	19 UG/L	W. A.
0	MANGANESE	16 UG/L	ENV. ENG.
0	SODIUM	3900 UG/L	ENV. ENG.
0	SODIUM	5000 UG/L	W. A.
0	SODIUM	3770 UG/L	ENV. ENG.
0	NICKEL	50 UG/L	ENV. ENG.
0	NICKEL	40 UG/L	W. A.
0	NICKEL	4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	1800 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	1800 UG/L	W. A.
0	NITRATE AS NITROGEN	1900 UG/L	ENV. ENG.
0	LEAD	10 UG/L	ENV. ENG.
0	LEAD	5 UG/L	W. A.
0	LEAD	6 UG/L	ENV. ENG.
0	PHENOL	5 UG/L	ENV. ENG.
0	PHENOL	5 UG/L	W. A.
0	PHENOL	5 UG/L	W. A.
0	PHENOL	5 UG/L	ENV. ENG.
0	ANTIMONY	60 UG/L	W. A.
0	SELENIUM	10 UG/L	ENV. ENG.
0	SELENIUM	5 UG/L	W. A.
0	SELENIUM	2 UG/L	ENV. ENG.
1	SILICA	8900 UG/L	ENV. ENG.
1	SILICA	2700 UG/L	W. A.
1	SILICA	4260 UG/L	ENV. ENG.
1	SILICA	4230 UG/L	ENV. ENG.
0	TIN	100 UG/L	W. A.
0	SULFATE	5000 UG/L	ENV. ENG.
0	SULFATE	5000 UG/L	W. A.
0	SULFATE	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	56000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	50000 UG/L	W. A.
0	TOTAL DISSOLVED SOLIDS	72000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	5000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	660 UG/L	W. A.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
2	TOTAL ORGANIC HALOGENS	30 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	10 UG/L	W. A.
0	TOTAL ORGANIC HALOGENS	9 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	10 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	50 UG/L	W. A.
0	TOTAL PHOSPHATES	31 UG/L	ENV. ENG.
0	URANIUM	1000 UG/L	W. A.
0	ZINC	40 UG/L	ENV. ENG.
0	ZINC	45 UG/L	W. A.
0	ZINC	12 UG/L	ENV. ENG.
0	GROSS ALPHA	0.70+-0.50 PCI/L	ENV. ENG.
0	GROSS ALPHA	0.00+-5.00 PCI/L	W. A.
0	GROSS ALPHA	3 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	1.40+-0.70 PCI/L	ENV. ENG.
0	NONVOLATILE BETA	4.00+-2.00 PCI/L	W. A.
0	NONVOLATILE BETA	2.73+-0.96 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	0.53 PCI/L	ENV. ENG.
0	TOTAL RADIUM	0.40+-0.30 PCI/L	W. A.
0	TOTAL RADIUM	1 PCI/L	RAD. MEAS.
1	TRITIUM	14.50+-0.40 PCI/ML	ENV. ENG.
2	TRITIUM	30.00+-1.00 PCI/ML	W. A.
2	TRITIUM	24.80+-0.62 PCI/ML	RAD. MEAS.

MELL FSB 89C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/13/88 TIME 1310  
 DEPTH TO WATER = 70.93 FT ( 21.62 M) BELOW THE TOC  
 WATER ELEVATION = 210.37 FT ( 64.12 M) MSL  
 PH = 5.8 ALKALINITY = 18 MG/L  
 SPECIFIC CONDUCTANCE = 67 UMHOS/CM  
 WATER TEMPERATURE = 19.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 142 GAL

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	67.60 UMHOS	ENV. ENG.
0	PH	6.17 PH	ENV. ENG.
0	SILVER	2 UG/L	ENV. ENG.
0	ARSENIC	2 UG/L	ENV. ENG.
0	BARIUM	15 UG/L	ENV. ENG.
0	CALCIUM	4590 UG/L	ENV. ENG.
0	CADMIUM	2 UG/L	ENV. ENG.
0	CADMIUM	2 UG/L	ENV. ENG.
0	CHLORIDE	3200 UG/L	ENV. ENG.
0	CHROMIUM	4 UG/L	ENV. ENG.
0	CHROMIUM	4 UG/L	ENV. ENG.
0	COPPER	11 UG/L	ENV. ENG.
0	COPPER	9 UG/L	ENV. ENG.
0	FLUORIDE	100 UG/L	ENV. ENG.
0	IRON	21 UG/L	ENV. ENG.
0	IRON	20 UG/L	ENV. ENG.
0	MERCURY	0.20 UG/L	ENV. ENG.
0	POTASSIUM	500 UG/L	ENV. ENG.
0	POTASSIUM	500 UG/L	ENV. ENG.
0	MAGNESIUM	406 UG/L	ENV. ENG.
1	MANGANESE	31 UG/L	ENV. ENG.
0	SODIUM	3610 UG/L	ENV. ENG.

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WELL FSB 89C COLLECTED ON 11/13/88 LABORATORY ANALYSES CONTINUED

0 NICKEL	LT	4 UG/L	ENV. ENG.
0 NICKEL	LT	4 UG/L	ENV. ENG.
0 NITRATE AS NITROGEN		1870 UG/L	ENV. ENG.
0 LEAD	LT	6 UG/L	ENV. ENG.
0 LEAD	LT	6 UG/L	ENV. ENG.
0 PHENOL	LT	5 UG/L	ENV. ENG.
0 SELENIUM	LT	2 UG/L	ENV. ENG.
1 SILICA		4480 UG/L	ENV. ENG.
0 SULFATE	LT	5000 UG/L	ENV. ENG.
0 TOTAL DISSOLVED SOLIDS		90000 UG/L	ENV. ENG.
0 TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0 TOTAL ORGANIC HALOGENS		8 UG/L	ENV. ENG.
0 TOTAL PHOSPHATES		30 UG/L	ENV. ENG.
0 ZINC		24 UG/L	ENV. ENG.
0 GROSS ALPHA		1.07+-0.85 PCI/L	RAD. MEAS.
0 GROSS ALPHA		0.94+-0.81 PCI/L	RAD. MEAS.
0 NONVOLATILE BETA		2.50+-0.98 PCI/L	RAD. MEAS.
0 NONVOLATILE BETA		1.56+-0.93 PCI/L	RAD. MEAS.
0 TOTAL RADIUM	LT	1 PCI/L	RAD. MEAS.
0 TOTAL RADIUM	LT	1 PCI/L	RAD. MEAS.
2 TRITIUM		25.00+-0.62 PCI/ML	RAD. MEAS.
2 TRITIUM		25.10+-0.62 PCI/ML	RAD. MEAS.

WELL FSB 89D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/22/88 TIME 1500  
 DEPTH TO WATER = 67.22 FT ( 20.49 M) BELOW THE TOC  
 WATER ELEVATION = 215.98 FT ( 65.22 M) MSL  
 PH = 4.1 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 578 UMHOS/CM  
 WATER TEMPERATURE = 21.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 37 GAL

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE		465.0 UMHOS	ENV. ENG.
0 PH		4.46 PH	ENV. ENG.
0 SILVER	LT	2 UG/L	ENV. ENG.
0 ARSENIC	LT	2 UG/L	ENV. ENG.
1 BARIUM		117 UG/L	ENV. ENG.
0 CALCIUM		9200 UG/L	ENV. ENG.
1 CADMIUM		3 UG/L	ENV. ENG.
0 CHLORIDE		7600 UG/L	ENV. ENG.
0 CHROMIUM	LT	4 UG/L	ENV. ENG.
1 COPPER		26 UG/L	ENV. ENG.
0 FLUORIDE		180 UG/L	ENV. ENG.
0 IRON		108 UG/L	ENV. ENG.
1 MERCURY		0.46 UG/L	ENV. ENG.
0 POTASSIUM		1080 UG/L	ENV. ENG.
0 MAGNESIUM		1480 UG/L	ENV. ENG.
2 MANGANESE		495 UG/L	ENV. ENG.
1 SODIUM		65200 UG/L	ENV. ENG.
1 NICKEL		14 UG/L	ENV. ENG.
2 NITRATE AS NITROGEN		51400 UG/L	ENV. ENG.
0 LEAD	LT	4 UG/L	ENV. ENG.
0 PHENOL	LT	5 UG/L	ENV. ENG.
0 SELENIUM	LT	2 UG/L	ENV. ENG.
1 SILICA		7170 UG/L	ENV. ENG.
0 SULFATE	LT	5000 UG/L	ENV. ENG.
0 TOTAL DISSOLVED SOLIDS		392000 UG/L	ENV. ENG.
0 TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0 TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0 TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0 ZINC		65 UG/L	ENV. ENG.
2 GROSS ALPHA		25.30+-3.12 PCI/L	HP, 735A
2 GROSS ALPHA		99.50+-8.99 PCI/L	RAD. MEAS.
2 NONVOLATILE BETA		578+-12.5 PCI/L	HP, 735A
2 NONVOLATILE BETA		850+-15 PCI/L	RAD. MEAS.
2 TOTAL RADIUM		6.76+-1.17 PCI/L	RAD. MEAS.
2 TRITIUM		2680+-7.18 PCI/ML	HP, 735A
2 TRITIUM		2532+-54.3 PCI/ML	RAD. MEAS.

WELL FSB 90C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/23/88 TIME 935  
 DEPTH TO WATER = 68.98 FT ( 21.03 M) BELOW THE TOC  
 WATER ELEVATION = 209.42 FT ( 63.83 M) MSL  
 PH = 7.2 ALKALINITY = 40 MG/L  
 SPECIFIC CONDUCTANCE = 203 UMHOS/CM  
 WATER TEMPERATURE = 18.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 26 GAL  
 THE WELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE		181.0 UMHOS	ENV. ENG.
1 PH		7.06 PH	ENV. ENG.
0 SILVER	LT	2 UG/L	ENV. ENG.
0 SILVER	LT	2 UG/L	ENV. ENG.
0 ARSENIC	LT	2 UG/L	ENV. ENG.
0 ARSENIC	LT	2 UG/L	ENV. ENG.
0 BARIUM		44 UG/L	ENV. ENG.
1 CALCIUM		12400 UG/L	ENV. ENG.
0 CADMIUM	LT	2 UG/L	ENV. ENG.
0 CHLORIDE		3500 UG/L	ENV. ENG.
0 CHROMIUM	LT	4 UG/L	ENV. ENG.
0 COPPER		9 UG/L	ENV. ENG.
0 FLUORIDE	LT	100 UG/L	ENV. ENG.
0 IRON		23 UG/L	ENV. ENG.
0 MERCURY	LT	0.20 UG/L	ENV. ENG.

WELL FSB 90C COLLECTED ON 10/23/88 LABORATORY ANALYSES CONTINUED

0 POTASSIUM		2180 UG/L	ENV. ENG.
0 MAGNESIUM		2890 UG/L	ENV. ENG.
1 MANGANESE		31 UG/L	ENV. ENG.
1 SODIUM		10700 UG/L	ENV. ENG.
0 NICKEL		5 UG/L	ENV. ENG.
2 NITRATE AS NITROGEN		13200 UG/L	ENV. ENG.
0 LEAD	LT	6 UG/L	ENV. ENG.
0 PHENOL	LT	5 UG/L	ENV. ENG.
0 SELENIUM	LT	2 UG/L	ENV. ENG.
0 SELENIUM	LT	2 UG/L	ENV. ENG.
1 SILICA		4990 UG/L	ENV. ENG.
0 SULFATE	LT	5000 UG/L	ENV. ENG.
0 TOTAL DISSOLVED SOLIDS		272000 UG/L	ENV. ENG.
0 TOTAL ORGANIC CARBON		2100 UG/L	ENV. ENG.
0 TOTAL ORGANIC CARBON		2000 UG/L	ENV. ENG.
0 TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0 TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0 ZINC		36 UG/L	ENV. ENG.
0 ZINC		28 UG/L	ENV. ENG.
0 GROSS ALPHA		1.81+-0.91 PCI/L	HP, 735A
1 GROSS ALPHA		8.44+-2.07 PCI/L	RAD. MEAS.
0 GROSS ALPHA		3.96+-1.58 PCI/L	RAD. MEAS.
1 NONVOLATILE BETA		17.00+-2.35 PCI/L	HP, 735A
1 NONVOLATILE BETA		13.90+-1.86 PCI/L	RAD. MEAS.
0 NONVOLATILE BETA		9.59+-1.66 PCI/L	RAD. MEAS.
0 NONVOLATILE BETA		0.59+-0.85 PCI/L	RAD. MEAS.
0 TOTAL RADIUM		0.67+-0.59 PCI/L	RAD. MEAS.
2 TRITIUM		1120+-4.65 PCI/ML	HP, 735A
2 TRITIUM		1050+-5.81 PCI/ML	RAD. MEAS.
2 TRITIUM		1083+-5.83 PCI/ML	RAD. MEAS.

WELL FSB 90D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/23/88 TIME 955  
 DEPTH TO WATER = 65.50 FT ( 19.96 M) BELOW THE TOC  
 WATER ELEVATION = 213.10 FT ( 64.95 M) MSL  
 PH = 4.3 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 1372 UMHOS/CM  
 WATER TEMPERATURE = 18.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 2 GAL  
 THE WELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE		1284 UMHOS	ENV. ENG.
0 PH		4.36 PH	ENV. ENG.
0 SILVER	LT	2 UG/L	ENV. ENG.
0 ARSENIC		13 UG/L	ENV. ENG.
2 BARIUM		1250 UG/L	ENV. ENG.
0 BROMODICHLOROMETHANE	LT	5 UG/L	ENV. ENG.
1 CALCIUM		50700 UG/L	ENV. ENG.
0 TRICHLOROFLUOROMETHANE	LT	5 UG/L	ENV. ENG.
0 CARBON TETRACHLORIDE	LT	5.00 UG/L	ENV. ENG.
2 CADMIUM		20 UG/L	ENV. ENG.
0 BROMOFORM	LT	10 UG/L	ENV. ENG.
0 CHLOROFORM	LT	5 UG/L	ENV. ENG.
0 METHYLENE CHLORIDE	LT	5 UG/L	ENV. ENG.
0 BROMOMETHANE	LT	10 UG/L	ENV. ENG.
0 CHLOROMETHANE	LT	10 UG/L	ENV. ENG.
0 CHLORIDE		2700 UG/L	ENV. ENG.
0 CHLORIDE		2600 UG/L	ENV. ENG.
0 CHLOROBENZENE	LT	5 UG/L	ENV. ENG.
1 CHROMIUM		8 UG/L	ENV. ENG.
1 COPPER		27 UG/L	ENV. ENG.
0 CHLOROETHENE	LT	10 UG/L	ENV. ENG.
0 CHLOROETHANE	LT	10 UG/L	ENV. ENG.
0 BENZENE	LT	5 UG/L	ENV. ENG.
0 DIBROMOCHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0 ETHYLBENZENE	LT	5 UG/L	ENV. ENG.
1 FLUORIDE		850 UG/L	ENV. ENG.
2 IRON		526 UG/L	ENV. ENG.
0 MERCURY	LT	0.20 UG/L	ENV. ENG.
0 POTASSIUM		620 UG/L	ENV. ENG.
0 TOLUENE	LT	5 UG/L	ENV. ENG.
1 MAGNESIUM		14600 UG/L	ENV. ENG.
2 MANGANESE		4480 UG/L	ENV. ENG.
1 SODIUM		96100 UG/L	ENV. ENG.
1 NICKEL		68 UG/L	ENV. ENG.
2 NITRATE AS NITROGEN		170000 UG/L	ENV. ENG.
2 LEAD		233 UG/L	ENV. ENG.
0 PHENOL	LT	5 UG/L	ENV. ENG.
0 SELENIUM	LT	2 UG/L	ENV. ENG.
1 SILICA		7290 UG/L	ENV. ENG.
0 SULFATE	LT	5000 UG/L	ENV. ENG.
0 SULFATE	LT	5000 UG/L	ENV. ENG.
0 1,1,2,2-TETRACHLOROETHANE	LT	10 UG/L	ENV. ENG.
0 TETRACHLOROETHYLENE	LT	5.00 UG/L	ENV. ENG.
0 TOTAL DISSOLVED SOLIDS		1068000 UG/L	ENV. ENG.
0 TOTAL ORGANIC CARBON		1300 UG/L	ENV. ENG.
1 TOTAL ORGANIC HALOGENS		12 UG/L	ENV. ENG.
0 TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0 TRICHLOROETHYLENE	LT	5.00 UG/L	ENV. ENG.
0 TRANS-1,2-DICHLOROETHENE	LT	5 UG/L	ENV. ENG.
0 1,1-DICHLOROETHYLENE	LT	5 UG/L	ENV. ENG.
0 1,1-DICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0 1,1,1-TRICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0 1,1,2-TRICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0 1,2-DICHLOROETHANE	LT	1 UG/L	ENV. ENG.
0 1,2-DICHLOROPROPANE	LT	10 UG/L	ENV. ENG.
0 CIS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0 TRANS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0 2-CHLOROETHYL VINYL ETHER	LT	10 UG/L	ENV. ENG.
1 ZINC		433 UG/L	ENV. ENG.
2 GROSS ALPHA		34.20+-3.62 PCI/L	HP, 735A
2 GROSS ALPHA		318+-33.6 PCI/L	RAD. MEAS.

CONTINUED

WELL FSB 900 COLLECTED ON 10/23/88 LABORATORY ANALYSES CONTINUED

2 NONVOLATILE BETA  
2 NONVOLATILE BETA  
2 TOTAL RADIUM  
2 TRITIUM  
2 TRITIUM

2080+-23.7 PCI/L HP, 735A  
3414+-74.2 PCI/L RAD. MEAS.  
63.40+-3.10 PCI/L RAD. MEAS.  
15600+-54.8 PCI/ML HP, 735A  
11971+- 124 PCI/ML RAD. MEAS.

WELL FSB 910

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/23/88 TIME 915  
DEPTH TO WATER = 69.69 FT ( 21.24 M) BELOW THE TOC  
WATER ELEVATION = 209.61 FT ( 63.89 M) MSL  
PH = 6.7 ALKALINITY = 40 MG/L  
SPECIFIC CONDUCTANCE = 688 UMMS/CM  
WATER TEMPERATURE = 18.6 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 25 GAL  
THE WELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE  
1 PH  
0 SILVER  
0 ARSENIC  
1 BARIUM  
1 CALCIUM  
1 CADMIUM  
0 CHLORIDE  
0 CHROMIUM  
1 COPPER  
0 FLUORIDE  
0 IRON  
0 MERCURY  
0 POTASSIUM  
0 MAGNESIUM  
2 MANGANESE  
1 SODIUM  
1 NICKEL  
2 NITRATE AS NITROGEN  
0 LEAD  
0 PHENOL  
0 PHENOL  
0 SELENIUM  
1 SILICA  
0 SULFATE  
0 TOTAL DISSOLVED SOLIDS  
0 TOTAL ORGANIC CARBON  
0 TOTAL ORGANIC HALOGENS  
0 TOTAL PHOSPHATES  
0 ZINC  
2 GROSS ALPHA  
2 GROSS ALPHA  
2 GROSS ALPHA  
2 NONVOLATILE BETA  
2 NONVOLATILE BETA  
2 NONVOLATILE BETA  
2 TOTAL RADIUM  
2 TOTAL RADIUM  
2 TRITIUM  
2 TRITIUM

561.0 UMMS ENV. ENG.  
6.00 PH ENV. ENG.  
2 UG/L ENV. ENG.  
2 UG/L ENV. ENG.  
241 UG/L ENV. ENG.  
51500 UG/L ENV. ENG.  
4 UG/L ENV. ENG.  
5800 UG/L ENV. ENG.  
4 UG/L ENV. ENG.  
21 UG/L ENV. ENG.  
470 UG/L ENV. ENG.  
20 UG/L ENV. ENG.  
0.20 UG/L ENV. ENG.  
884 UG/L ENV. ENG.  
4150 UG/L ENV. ENG.  
550 UG/L ENV. ENG.  
49600 UG/L ENV. ENG.  
18 UG/L ENV. ENG.  
66300 UG/L ENV. ENG.  
6 UG/L ENV. ENG.  
5 UG/L ENV. ENG.  
5 UG/L ENV. ENG.  
2 UG/L ENV. ENG.  
2210 UG/L ENV. ENG.  
5000 UG/L ENV. ENG.  
590000 UG/L ENV. ENG.  
1000 UG/L ENV. ENG.  
20 UG/L ENV. ENG.  
17.80+-2.63 PCI/L HP, 735A  
154+-11.3 PCI/L RAD. MEAS.  
164+-15.1 PCI/L RAD. MEAS.  
921+-15.8 PCI/L HP, 735A  
1613+- 21 PCI/L RAD. MEAS.  
1757+-22.6 PCI/L RAD. MEAS.  
33.30+-2.38 PCI/L RAD. MEAS.  
37.60+-2.48 PCI/L RAD. MEAS.  
4070+-28.2 PCI/ML HP, 735A  
3293+-65.8 PCI/ML RAD. MEAS.  
3293+-64.7 PCI/ML RAD. MEAS.

WELL FSB 910

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/22/88 TIME 1415  
DEPTH TO WATER = 66.81 FT ( 20.36 M) BELOW THE TOC  
WATER ELEVATION = 212.39 FT ( 64.74 M) MSL  
PH = 3.2 ALKALINITY = 0 MG/L  
SPECIFIC CONDUCTANCE = 3630 UMMS/CM  
WATER TEMPERATURE = 21.5 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 30 GAL

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE  
1 PH  
0 SILVER  
1 ARSENIC  
2 BARIUM  
0 BROMODICHLOROMETHANE  
0 CALCIUM  
0 TRICHLOROFLUOROMETHANE  
0 CARBON TETRACHLORIDE  
0 CADMIUM  
0 BROMOFORM  
0 CHLOROFORM  
0 METHYLENE CHLORIDE  
0 BROMOMETHANE  
0 CHLOROMETHANE  
0 CHLORIDE  
0 CHLOROBENZENE  
0 CHROMIUM  
1 COPPER  
0 CHLOROETHENE  
0 CHLOROETHANE  
1 BENZENE  
0 DIBROMOCHLOROMETHANE  
0 ETHYLBENZENE  
0 FLUORIDE  
0 IRON  
1 MERCURY

3309 UMMS ENV. ENG.  
3.43 PH ENV. ENG.  
2 UG/L ENV. ENG.  
16 UG/L ENV. ENG.  
508 UG/L ENV. ENG.  
5 UG/L ENV. ENG.  
5940 UG/L ENV. ENG.  
5 UG/L ENV. ENG.  
5.00 UG/L ENV. ENG.  
2 UG/L ENV. ENG.  
10 UG/L ENV. ENG.  
5 UG/L ENV. ENG.  
5 UG/L ENV. ENG.  
10 UG/L ENV. ENG.  
10 UG/L ENV. ENG.  
1000 UG/L ENV. ENG.  
5 UG/L ENV. ENG.  
4 UG/L ENV. ENG.  
70 UG/L ENV. ENG.  
10 UG/L ENV. ENG.  
10 UG/L ENV. ENG.  
14 UG/L ENV. ENG.  
5 UG/L ENV. ENG.  
5 UG/L ENV. ENG.  
150 UG/L ENV. ENG.  
94 UG/L ENV. ENG.  
0.53 UG/L ENV. ENG.

WELL FSB 910 COLLECTED ON 10/22/88 LABORATORY ANALYSES CONTINUED

0 POTASSIUM  
0 TOLUENE  
0 MAGNESIUM  
2 MANGANESE  
1 SODIUM  
1 NICKEL  
2 NITRATE AS NITROGEN  
0 LEAD  
1 PHENOL  
0 SELENIUM  
1 SILICA  
0 SULFATE  
0 1,1,2,2-TETRACHLOROETHANE  
0 TETRACHLOROETHYLENE  
0 TOTAL DISSOLVED SOLIDS  
0 TOTAL ORGANIC CARBON  
2 TOTAL ORGANIC HALOGENS  
1 TOTAL PHOSPHATES  
0 TRICHLOROETHYLENE  
0 TRANS-1,2-DICHLOROETHENE  
0 1,1-DICHLOROETHYLENE  
0 1,1,1-TRICHLOROETHANE  
0 1,1,2-TRICHLOROETHANE  
0 1,2-DICHLOROETHANE  
0 1,2-DICHLOROPROPANE  
0 CIS-1,3-DICHLOROPROPENE  
0 TRANS-1,3-DICHLOROPROPENE  
0 2-CHLOROETHYL VINYL ETHER  
2 ZINC  
2 GROSS ALPHA  
2 GROSS ALPHA  
2 NONVOLATILE BETA  
2 NONVOLATILE BETA  
2 TOTAL RADIUM  
2 TRITIUM  
2 TRITIUM

2550 UG/L ENV. ENG.  
5 UG/L ENV. ENG.  
1970 UG/L ENV. ENG.  
1640 UG/L ENV. ENG.  
99200 UG/L ENV. ENG.  
46 UG/L ENV. ENG.  
478000 UG/L ENV. ENG.  
6 UG/L ENV. ENG.  
14 UG/L ENV. ENG.  
2 UG/L ENV. ENG.  
18600 UG/L ENV. ENG.  
5000 UG/L ENV. ENG.  
10 UG/L ENV. ENG.  
5.00 UG/L ENV. ENG.  
1516000 UG/L ENV. ENG.  
4300 UG/L ENV. ENG.  
28 UG/L ENV. ENG.  
470 UG/L ENV. ENG.  
5.00 UG/L ENV. ENG.  
5 UG/L ENV. ENG.  
5 UG/L ENV. ENG.  
5 UG/L ENV. ENG.  
5 UG/L ENV. ENG.  
1 UG/L ENV. ENG.  
10 UG/L ENV. ENG.  
5 UG/L ENV. ENG.  
10 UG/L ENV. ENG.  
145 UG/L ENV. ENG.  
170+-10.2 PCI/L HP, 735A  
1048+-63.5 PCI/L RAD. MEAS.  
1180+-22.6 PCI/L RAD. MEAS.  
3006+-69.7 PCI/L HP, 735A  
72.20+-3.63 PCI/L RAD. MEAS.  
44600+-92.5 PCI/ML HP, 735A  
35660+- 211 PCI/ML RAD. MEAS.

WELL FSB 910

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/26/88 TIME 1100  
DEPTH TO WATER = 64.86 FT ( 19.38 M) BELOW THE TOC  
WATER ELEVATION = 212.34 FT ( 64.72 M) MSL  
PH = 3.4 ALKALINITY = 0 MG/L  
SPECIFIC CONDUCTANCE = 3600 UMMS/CM  
WATER TEMPERATURE = 21.4 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 30 GAL

WELL FSB 920

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/15/88 TIME 1635  
DEPTH TO WATER = 64.04 FT ( 19.52 M) BELOW THE TOC  
WATER ELEVATION = 211.84 FT ( 64.58 M) MSL  
PH = 3.3 ALKALINITY = 0 MG/L  
SPECIFIC CONDUCTANCE = 2700 UMMS/CM  
WATER TEMPERATURE = 19.9 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 50 GAL

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE  
1 PH  
0 SILVER  
2 ARSENIC  
2 BARIUM  
1 CALCIUM  
2 CADMIUM  
0 CHLORIDE  
0 CHROMIUM  
1 COPPER  
2 FLUORIDE  
0 IRON  
1 MERCURY  
1 POTASSIUM  
1 MAGNESIUM  
2 MANGANESE  
1 SODIUM  
1 NICKEL  
2 NITRATE AS NITROGEN  
0 LEAD  
0 PHENOL  
1 SELENIUM  
1 SILICA  
0 SULFATE  
0 TOTAL DISSOLVED SOLIDS  
0 TOTAL ORGANIC CARBON  
1 TOTAL ORGANIC HALOGENS  
0 TOTAL PHOSPHATES  
0 ZINC  
2 GROSS ALPHA  
2 GROSS ALPHA  
2 NONVOLATILE BETA  
2 NONVOLATILE BETA  
2 TOTAL RADIUM  
2 TRITIUM  
2 TRITIUM

3047 UMMS ENV. ENG.  
3.58 PH ENV. ENG.  
2 UG/L ENV. ENG.  
67 UG/L ENV. ENG.  
1350 UG/L ENV. ENG.  
23800 UG/L ENV. ENG.  
50 UG/L ENV. ENG.  
4800 UG/L ENV. ENG.  
4 UG/L ENV. ENG.  
34 UG/L ENV. ENG.  
4900 UG/L ENV. ENG.  
102 UG/L ENV. ENG.  
0.52 UG/L ENV. ENG.  
6250 UG/L ENV. ENG.  
21800 UG/L ENV. ENG.  
2310 UG/L ENV. ENG.  
129000 UG/L ENV. ENG.  
60 UG/L ENV. ENG.  
283000 UG/L ENV. ENG.  
6 UG/L ENV. ENG.  
5 UG/L ENV. ENG.  
4 UG/L ENV. ENG.  
11400 UG/L ENV. ENG.  
5000 UG/L ENV. ENG.  
1212000 UG/L ENV. ENG.  
1000 UG/L ENV. ENG.  
22 UG/L ENV. ENG.  
60 UG/L ENV. ENG.  
248 UG/L ENV. ENG.  
79.80+-6.81 PCI/L HP, 735A  
503+-29.8 PCI/L RAD. MEAS.  
4620+- 35 PCI/L HP, 735A  
7502+-78.9 PCI/L RAD. MEAS.  
140+-4.34 PCI/L RAD. MEAS.  
31600+-76.2 PCI/ML HP, 735A  
29103+- 102 PCI/ML RAD. MEAS.

WELL FSB 93C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/16/88 TIME 1245  
DEPTH TO WATER = 68.56 FT ( 20.90 M) BELOW THE TOC  
WATER ELEVATION = 207.64 FT ( 63.29 M) MSL  
PH = 5.4 ALKALINITY = 6 MG/L  
SPECIFIC CONDUCTANCE = 367 UMHS/CM  
WATER TEMPERATURE = 19.8 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 165 GAL

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	327.0 UMHC	ENV. ENG.
0	PH	5.54 PH	ENV. ENG.
0	SILVER	2 UG/L	ENV. ENG.
1	SILVER	3 UG/L	ENV. ENG.
0	ARSENIC	2 UG/L	ENV. ENG.
1	BARIUM	66 UG/L	ENV. ENG.
1	CALCIUM	22600 UG/L	ENV. ENG.
0	CADMIUM	2 UG/L	ENV. ENG.
0	CHLORIDE	3300 UG/L	ENV. ENG.
0	CHROMIUM	4 UG/L	ENV. ENG.
0	COPPER	9 UG/L	ENV. ENG.
0	FLUORIDE	100 UG/L	ENV. ENG.
0	FLUORIDE	100 UG/L	ENV. ENG.
0	IRON	20 UG/L	ENV. ENG.
0	MERCURY	0.20 UG/L	ENV. ENG.
0	POTASSIUM	1520 UG/L	ENV. ENG.
1	MAGNESIUM	5600 UG/L	ENV. ENG.
2	MANGANESE	111 UG/L	ENV. ENG.
1	SODIUM	25500 UG/L	ENV. ENG.
1	NICKEL	11 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN	35600 UG/L	ENV. ENG.
0	LEAD	6 UG/L	ENV. ENG.
0	PHENOL	5 UG/L	ENV. ENG.
0	SELENIUM	2 UG/L	ENV. ENG.
1	SILICA	4320 UG/L	ENV. ENG.
0	SULFATE	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	256000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	264000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	9 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	20 UG/L	ENV. ENG.
0	ZINC	39 UG/L	ENV. ENG.
0	GROSS ALPHA	1.60+-1.05 PCI/L	HP, 735A
0	GROSS ALPHA	4.69+-2.46 PCI/L	RAD. MEAS.
1	NONVOLATILE BETA	31.60+-3.11 PCI/L	HP, 735A
1	NONVOLATILE BETA	33.80+-3.49 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	0.43+-0.43 PCI/L	RAD. MEAS.
2	TRITIUM	1750+-18.4 PCI/ML	HP, 735A
2	TRITIUM	1509+-3.46 PCI/ML	RAD. MEAS.

WELL FSB 93D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/16/88 TIME 1230  
DEPTH TO WATER = 65.24 FT ( 19.89 M) BELOW THE TOC  
WATER ELEVATION = 210.86 FT ( 64.27 M) MSL  
PH = 4.9 ALKALINITY = 0 MG/L  
SPECIFIC CONDUCTANCE = 1355 UMHS/CM  
WATER TEMPERATURE = 20.1 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 3 GAL  
THE WELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	2503 UMHC	ENV. ENG.
1	SPECIFIC CONDUCTANCE	2596 UMHC	ENV. ENG.
1	PH	4.00 PH	ENV. ENG.
0	PH	4.08 PH	ENV. ENG.
0	SILVER	2 UG/L	ENV. ENG.
0	SILVER	2 UG/L	ENV. ENG.
0	ARSENIC	2 UG/L	ENV. ENG.
0	ARSENIC	2 UG/L	ENV. ENG.
2	BARIUM	790 UG/L	ENV. ENG.
0	BROMODICHLOROMETHANE	5 UG/L	ENV. ENG.
1	CALCIUM	59000 UG/L	ENV. ENG.
0	TRICHLOROFLUOROMETHANE	5 UG/L	ENV. ENG.
0	CARBON TETRACHLORIDE	5.00 UG/L	ENV. ENG.
0	CADMIUM	2 UG/L	ENV. ENG.
0	BROMOFORM	10 UG/L	ENV. ENG.
0	CHLOROFORM	5 UG/L	ENV. ENG.
0	METHYLENE CHLORIDE	5 UG/L	ENV. ENG.
0	BROMOMETHANE	10 UG/L	ENV. ENG.
0	CHLOROMETHANE	10 UG/L	ENV. ENG.
0	CHLORIDE	1400 UG/L	ENV. ENG.
0	CHLOROBENZENE	1300 UG/L	ENV. ENG.
1	CHROMIUM	5 UG/L	ENV. ENG.
1	COPPER	13 UG/L	ENV. ENG.
0	CHLOROETHENE	24 UG/L	ENV. ENG.
0	CHLOROETHANE	10 UG/L	ENV. ENG.
0	BENZENE	10 UG/L	ENV. ENG.
0	DIBROMOCHLOROMETHANE	5 UG/L	ENV. ENG.
0	ETHYLBENZENE	5 UG/L	ENV. ENG.
2	FLUORIDE	3200 UG/L	ENV. ENG.
0	IRON	26 UG/L	ENV. ENG.
0	MERCURY	0.20 UG/L	ENV. ENG.
1	POTASSIUM	137000 UG/L	ENV. ENG.
0	TOLUENE	5 UG/L	ENV. ENG.
0	MAGNESIUM	77 UG/L	ENV. ENG.
0	MANGANESE	3 UG/L	ENV. ENG.
1	SODIUM	227000 UG/L	ENV. ENG.
0	NICKEL	6 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN	346000 UG/L	ENV. ENG.

CONTINUED

WELL FSB 93D COLLECTED ON 10/16/88 LABORATORY ANALYSES CONTINUED

0	LEAD	9 UG/L	ENV. ENG.
0	PHENOL	5 UG/L	ENV. ENG.
0	SELENIUM	2 UG/L	ENV. ENG.
0	SELENIUM	2 UG/L	ENV. ENG.
1	SILICA	10100 UG/L	ENV. ENG.
1	SULFATE	13900 UG/L	ENV. ENG.
1	SULFATE	14200 UG/L	ENV. ENG.
0	1,1,2,2-TETRACHLOROETHANE	10 UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	5.00 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	1320000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	1322000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1200 UG/L	ENV. ENG.
1	TOTAL ORGANIC HALOGENS	21 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	40 UG/L	ENV. ENG.
0	TRICHLOROETHYLENE	5.00 UG/L	ENV. ENG.
0	TRANS-1,2-DICHLOROETHENE	5 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	5 UG/L	ENV. ENG.
0	1,1-DICHLOROETHANE	5 UG/L	ENV. ENG.
0	1,1,1-TRICHLOROETHANE	5 UG/L	ENV. ENG.
0	1,1,2-TRICHLOROETHANE	5 UG/L	ENV. ENG.
0	1,2-DICHLOROETHANE	1 UG/L	ENV. ENG.
0	1,2-DICHLOROPROPANE	10 UG/L	ENV. ENG.
0	CIS-1,3-DICHLOROPROPENE	5 UG/L	ENV. ENG.
0	TRANS-1,3-DICHLOROPROPENE	5 UG/L	ENV. ENG.
0	2-CHLOROETHYL VINYL ETHER	10 UG/L	ENV. ENG.
0	ZINC	150 UG/L	ENV. ENG.
2	GROSS ALPHA	82.10+-3.16 PCI/L	HP, 735A
2	GROSS ALPHA	292+-18.9 PCI/L	RAD. MEAS.
2	NONVOLATILE BETA	1730+-21.5 PCI/L	HP, 735A
2	NONVOLATILE BETA	2928+-35.3 PCI/L	RAD. MEAS.
2	TOTAL RADIUM	55.90+-2.75 PCI/L	RAD. MEAS.
2	TRITIUM	35300+-80.5 PCI/ML	HP, 735A
2	TRITIUM	30508+-104 PCI/ML	RAD. MEAS.

WELL FSB 94C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/16/88 TIME 1210  
DEPTH TO WATER = 73.73 FT ( 22.47 M) BELOW THE TOC  
WATER ELEVATION = 207.37 FT ( 63.21 M) MSL  
PH = 12.3 ALKALINITY = 366 MG/L  
SPECIFIC CONDUCTANCE = 2850 UMHS/CM  
WATER TEMPERATURE = 20.4 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 29 GAL  
THE WELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	2361 UMHC	ENV. ENG.
2	PH	11.7 PH	ENV. ENG.
0	SILVER	2 UG/L	ENV. ENG.
0	ARSENIC	2 UG/L	ENV. ENG.
1	BARIUM	313 UG/L	ENV. ENG.
0	BROMODICHLOROMETHANE	5 UG/L	ENV. ENG.
1	CALCIUM	106000 UG/L	ENV. ENG.
0	TRICHLOROFLUOROMETHANE	5 UG/L	ENV. ENG.
0	CARBON TETRACHLORIDE	5.00 UG/L	ENV. ENG.
0	CADMIUM	2 UG/L	ENV. ENG.
0	BROMOFORM	10 UG/L	ENV. ENG.
0	CHLOROFORM	5 UG/L	ENV. ENG.
0	METHYLENE CHLORIDE	5 UG/L	ENV. ENG.
0	BROMOMETHANE	10 UG/L	ENV. ENG.
0	CHLOROMETHANE	10 UG/L	ENV. ENG.
0	CHLORIDE	1900 UG/L	ENV. ENG.
0	CHLOROBENZENE	5 UG/L	ENV. ENG.
0	CHROMIUM	4 UG/L	ENV. ENG.
1	COPPER	21 UG/L	ENV. ENG.
0	CHLOROETHENE	10 UG/L	ENV. ENG.
0	CHLOROETHANE	10 UG/L	ENV. ENG.
0	BENZENE	5 UG/L	ENV. ENG.
0	DIBROMOCHLOROMETHANE	5 UG/L	ENV. ENG.
0	ETHYLBENZENE	5 UG/L	ENV. ENG.
1	FLUORIDE	1580 UG/L	ENV. ENG.
0	IRON	32 UG/L	ENV. ENG.
0	MERCURY	0.20 UG/L	ENV. ENG.
1	POTASSIUM	128000 UG/L	ENV. ENG.
0	TOLUENE	5 UG/L	ENV. ENG.
0	MAGNESIUM	43 UG/L	ENV. ENG.
0	MANGANESE	3 UG/L	ENV. ENG.
1	SODIUM	189000 UG/L	ENV. ENG.
0	NICKEL	5 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN	147000 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN	150000 UG/L	ENV. ENG.
0	LEAD	6 UG/L	ENV. ENG.
0	PHENOL	5 UG/L	ENV. ENG.
0	SELENIUM	2 UG/L	ENV. ENG.
1	SILICA	2860 UG/L	ENV. ENG.
1	SULFATE	29100 UG/L	ENV. ENG.
0	1,1,2,2-TETRACHLOROETHANE	10 UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	5.00 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	1260000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	3200 UG/L	ENV. ENG.
1	TOTAL ORGANIC HALOGENS	14 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	20 UG/L	ENV. ENG.
0	TRICHLOROETHYLENE	5.00 UG/L	ENV. ENG.
0	TRANS-1,2-DICHLOROETHENE	5 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	5 UG/L	ENV. ENG.
0	1,1-DICHLOROETHANE	5 UG/L	ENV. ENG.
0	1,1,1-TRICHLOROETHANE	5 UG/L	ENV. ENG.
0	1,1,2-TRICHLOROETHANE	5 UG/L	ENV. ENG.
0	1,2-DICHLOROETHANE	1 UG/L	ENV. ENG.
0	1,2-DICHLOROPROPANE	10 UG/L	ENV. ENG.
0	CIS-1,3-DICHLOROPROPENE	5 UG/L	ENV. ENG.
0	TRANS-1,3-DICHLOROPROPENE	5 UG/L	ENV. ENG.
0	2-CHLOROETHYL VINYL ETHER	10 UG/L	ENV. ENG.
0	ZINC	7 UG/L	ENV. ENG.

CONTINUED

WELL FSB 94C COLLECTED ON 10/16/88 LABORATORY ANALYSES CONTINUED

0	GROSS ALPHA	4.79+-1.72	PCI/L	HP, 735A
2	GROSS ALPHA	28.40+-9.83	PCI/L	RAD. MEAS.
2	NONVOLATILE BETA	377+-10.1	PCI/L	HP, 735A
2	NONVOLATILE BETA	854+-27.6	PCI/L	RAD. MEAS.
2	TOTAL RADIUM	5.95+-0.90	PCI/L	RAD. MEAS.
2	TRITIUM	8240+-39	PCI/ML	HP, 735A
2	TRITIUM	7074+-50.8	PCI/ML	RAD. MEAS.

WELL FSB 94D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/15/88 TIME 1555  
THE WELL WAS DRY.

WELL FSB 95C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/17/88 TIME 1115  
DEPTH TO WATER = 77.92 FT ( 23.75 M) BELOW THE TOC  
WATER ELEVATION = 206.08 FT ( 62.81 M) MSL  
PH = 11.9 ALKALINITY = 394 MG/L  
SPECIFIC CONDUCTANCE = 2590 UMHOS/CM  
WATER TEMPERATURE = 20.3 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 27 GAL  
THE WELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	2188	UMHC	ENV. ENG.
2	PH	11.7	PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
1	BARIUM	287	UG/L	ENV. ENG.
1	CALCIUM	240000	UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE	2600	UG/L	ENV. ENG.
1	CHROMIUM	8	UG/L	ENV. ENG.
1	COPPER	23	UG/L	ENV. ENG.
0	FLUORIDE	250	UG/L	ENV. ENG.
0	IRON	55	UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
1	POTASSIUM	30100	UG/L	ENV. ENG.
0	MAGNESIUM	25	UG/L	ENV. ENG.
0	MANGANESE	LT	2 UG/L	ENV. ENG.
1	SODIUM	60000	UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN	87600	UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA	3080	UG/L	ENV. ENG.
1	SILICA	3180	UG/L	ENV. ENG.
1	SULFATE	15800	UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	986000	UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1500	UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	ZINC	16	UG/L	ENV. ENG.
0	GROSS ALPHA	2.03+-1.16	PCI/L	HP, 735A
1	GROSS ALPHA	12.30+-6.11	PCI/L	RAD. MEAS.
2	NONVOLATILE BETA	114+-5.60	PCI/L	HP, 735A
2	NONVOLATILE BETA	295+-17.1	PCI/L	RAD. MEAS.
2	TOTAL RADIUM	2.36+-0.70	PCI/L	RAD. MEAS.
2	TRITIUM	6800+-35.5	PCI/ML	HP, 735A
2	TRITIUM	5839+-46.3	PCI/ML	RAD. MEAS.

WELL FSB 95D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/16/88 TIME 1445  
DEPTH TO WATER = 76.79 FT ( 22.80 M) BELOW THE TOC  
WATER ELEVATION = 209.51 FT ( 63.86 M) MSL  
PH = 3.6 ALKALINITY = 0 MG/L  
SPECIFIC CONDUCTANCE = 3080 UMHOS/CM  
WATER TEMPERATURE = 21.1 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 2 GAL  
THE WELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	2666	UMHC	ENV. ENG.
1	PH	3.72	PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
2	ARSENIC	89	UG/L	ENV. ENG.
1	BARIUM	325	UG/L	ENV. ENG.
1	CALCIUM	103000	UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE	1500	UG/L	ENV. ENG.
2	CHROMIUM	31	UG/L	ENV. ENG.
2	COPPER	2040	UG/L	ENV. ENG.
1	FLUORIDE	1250	UG/L	ENV. ENG.
2	IRON	13000	UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	POTASSIUM	1850	UG/L	ENV. ENG.
0	MAGNESIUM	1170	UG/L	ENV. ENG.

CONTINUED

WELL FSB 95D COLLECTED ON 10/16/88 LABORATORY ANALYSES CONTINUED

2	MANGANESE	1030	UG/L	ENV. ENG.
1	SODIUM	145000	UG/L	ENV. ENG.
1	NICKEL	85	UG/L	ENV. ENG.
2	NITRATE AS NITROGEN	301000	UG/L	ENV. ENG.
2	LEAD	3600	UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA	86800	UG/L	ENV. ENG.
1	SULFATE	31500	UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	1310000	UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1600	UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	210	UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	210	UG/L	ENV. ENG.
1	ZINC	1710	UG/L	ENV. ENG.
2	GROSS ALPHA	164+-9.76	PCI/L	HP, 735A
2	GROSS ALPHA	1389+-49.7	PCI/L	RAD. MEAS.
2	NONVOLATILE BETA	1410+-19.4	PCI/L	HP, 735A
2	NONVOLATILE BETA	2613+-47	PCI/L	RAD. MEAS.
2	TOTAL RADIUM	11.60+-1.46	PCI/L	RAD. MEAS.
2	TRITIUM	39000+-84.6	PCI/ML	HP, 735A
2	TRITIUM	33636+-109	PCI/ML	RAD. MEAS.

WELL FSB 96A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/16/88 TIME 1015  
DEPTH TO WATER = 128.02 FT ( 39.02 M) BELOW THE TOC  
WATER ELEVATION = 151.78 FT ( 46.26 M) MSL  
PH = 12.1 ALKALINITY = 268 MG/L  
SPECIFIC CONDUCTANCE = 1100 UMHOS/CM  
WATER TEMPERATURE = 19.9 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 23 GAL  
THE WELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	902.0	UMHC	ENV. ENG.
2	PH	11.1	PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
1	ARSENIC	3	UG/L	ENV. ENG.
1	BARIUM	98	UG/L	ENV. ENG.
0	CALCIUM	7860	UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE	2400	UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER	5	UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	IRON	53	UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
1	POTASSIUM	52100	UG/L	ENV. ENG.
0	MAGNESIUM	119	UG/L	ENV. ENG.
0	MANGANESE	LT	2 UG/L	ENV. ENG.
1	SODIUM	83400	UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	220	UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA	26100	UG/L	ENV. ENG.
1	SULFATE	14400	UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	370000	UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	3400	UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	80	UG/L	ENV. ENG.
0	ZINC	3	UG/L	ENV. ENG.
1	GROSS ALPHA	12.50+-6.51	PCI/L	RAD. MEAS.
1	NONVOLATILE BETA	28.30+-6.85	PCI/L	RAD. MEAS.
0	TOTAL RADIUM	1.30+-0.59	PCI/L	RAD. MEAS.
0	TRITIUM	9.90+-0.36	PCI/ML	RAD. MEAS.

WELL FSB 97A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/16/88 TIME 1150  
DEPTH TO WATER = 135.30 FT ( 41.24 M) BELOW THE TOC  
WATER ELEVATION = 150.80 FT ( 45.96 M) MSL  
PH = 7.2 ALKALINITY = 77 MG/L  
SPECIFIC CONDUCTANCE = 310 UMHOS/CM  
WATER TEMPERATURE = 20.5 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 170 GAL

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	290.0	UMHC	ENV. ENG.
1	PH	7.22	PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
1	BARIUM	51	UG/L	ENV. ENG.
1	BARIUM	53	UG/L	ENV. ENG.
1	CALCIUM	40300	UG/L	ENV. ENG.
1	CALCIUM	42000	UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE	2600	UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER	10	UG/L	ENV. ENG.
0	COPPER	11	UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	IRON	LT	20 UG/L	ENV. ENG.

CONTINUED

WELL FSB 97A COLLECTED ON 10/16/88 LABORATORY ANALYSES CONTINUED

0	IRON		22 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	POTASSIUM		1280 UG/L	ENV. ENG.
0	POTASSIUM		1260 UG/L	ENV. ENG.
0	MAGNESIUM		1160 UG/L	ENV. ENG.
0	MAGNESIUM		1200 UG/L	ENV. ENG.
0	MANGANESE		17 UG/L	ENV. ENG.
0	MANGANESE		18 UG/L	ENV. ENG.
1	SODIUM		10300 UG/L	ENV. ENG.
1	SODIUM		10400 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN	LT	4 UG/L	ENV. ENG.
0	LEAD		12500 UG/L	ENV. ENG.
0	LEAD	LT	4 UG/L	ENV. ENG.
0	PHENOL	LT	6 UG/L	ENV. ENG.
0	SELENIUM	LT	5 UG/L	ENV. ENG.
1	SILICA	LT	2 UG/L	ENV. ENG.
0	SULFATE		8790 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	LT	5000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON		174000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	1000 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	5 UG/L	ENV. ENG.
0	ZINC		130 UG/L	ENV. ENG.
0	ZINC		4 UG/L	ENV. ENG.
0	GROSS ALPHA		5 UG/L	ENV. ENG.
0	GROSS ALPHA		0.53+-0.56 PCI/L	HP, 735A
0	GROSS ALPHA		3.89+-1.70 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		3.79+-1.73 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		2.03+-1.60 PCI/L	HP, 735A
0	NONVOLATILE BETA		5.97+-1.34 PCI/L	RAD. MEAS.
0	TOTAL RADIUM		6.98+-1.51 PCI/L	RAD. MEAS.
0	TOTAL RADIUM		0.67+-0.44 PCI/L	RAD. MEAS.
2	TRITIUM	LT	1 PCI/L	RAD. MEAS.
2	TRITIUM		489+-30.2 PCI/ML	HP, 735A
2	TRITIUM		468+-1.95 PCI/ML	RAD. MEAS.
2	TRITIUM		426+-1.87 PCI/ML	RAD. MEAS.

WELL FSB 97C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/16/88 TIME 1130  
 DEPTH TO WATER = 79.52 FT ( 24.24 M) BELOW THE TOC  
 WATER ELEVATION = 206.58 FT ( 62.97 M) MSL  
 PH = 9.1 ALKALINITY = 35 MG/L  
 SPECIFIC CONDUCTANCE = 1048 UMHOS/CM  
 WATER TEMPERATURE = 20.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 31 GAL  
 THE WELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		990.0 UMHOS	ENV. ENG.
2	PH		8.59 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
1	BARIUM		271 UG/L	ENV. ENG.
1	CALCIUM		62700 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		2600 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER		19 UG/L	ENV. ENG.
0	FLUORIDE		360 UG/L	ENV. ENG.
0	IRON		75 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
1	POTASSIUM		13300 UG/L	ENV. ENG.
1	MAGNESIUM		5630 UG/L	ENV. ENG.
2	MANGANESE		175 UG/L	ENV. ENG.
1	SODIUM		116000 UG/L	ENV. ENG.
0	NICKEL		5 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN		111000 UG/L	ENV. ENG.
0	LEAD		12 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		4900 UG/L	ENV. ENG.
0	SULFATE		9200 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		684000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON		1600 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	ZINC		11 UG/L	ENV. ENG.
0	GROSS ALPHA		3.77+-1.53 PCI/L	HP, 735A
2	GROSS ALPHA		68.80+-8.65 PCI/L	RAD. MEAS.
2	GROSS ALPHA		48.50+-8.08 PCI/L	RAD. MEAS.
2	NONVOLATILE BETA		168+-6.78 PCI/L	HP, 735A
2	NONVOLATILE BETA		329+-12.2 PCI/L	RAD. MEAS.
2	NONVOLATILE BETA		344+-12.5 PCI/L	RAD. MEAS.
2	TOTAL RADIUM		11.30+-1.41 PCI/L	RAD. MEAS.
2	TOTAL RADIUM		12.10+-1.45 PCI/L	RAD. MEAS.
2	TRITIUM		7670+-57.7 PCI/ML	HP, 735A
2	TRITIUM		6563+-49 PCI/ML	RAD. MEAS.
2	TRITIUM		7006+-50.6 PCI/ML	RAD. MEAS.

WELL FSB 97D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/16/88 TIME 1115  
 DEPTH TO WATER = 75.75 FT ( 23.09 M) BELOW THE TOC  
 WATER ELEVATION = 210.25 FT ( 64.08 M) MSL  
 PH = 6.0 ALKALINITY = 8 MG/L  
 SPECIFIC CONDUCTANCE = 1331 UMHOS/CM  
 WATER TEMPERATURE = 20.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 3 GAL  
 THE WELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		2203 UMHOS	ENV. ENG.
0	PH		4.12 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
1	BARIUM		421 UG/L	ENV. ENG.
0	BROMODICHLOROMETHANE	LT	5 UG/L	ENV. ENG.
1	CALCIUM		140000 UG/L	ENV. ENG.
0	TRICHLOROFLUOROMETHANE	LT	5 UG/L	ENV. ENG.
0	CARBON TETRACHLORIDE	LT	5.00 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	BROMOFORM	LT	10 UG/L	ENV. ENG.
0	CHLOROFORM	LT	5 UG/L	ENV. ENG.
0	METHYLENE CHLORIDE	LT	5 UG/L	ENV. ENG.
0	BROMOMETHANE	LT	10 UG/L	ENV. ENG.
0	CHLOROMETHANE	LT	10 UG/L	ENV. ENG.
0	CHLORIDE		1800 UG/L	ENV. ENG.
0	CHLOROBENZENE	LT	5 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
1	COPPER		31 UG/L	ENV. ENG.
0	CHLOROETHENE	LT	10 UG/L	ENV. ENG.
0	CHLOROETHANE	LT	10 UG/L	ENV. ENG.
0	BENZENE	LT	5 UG/L	ENV. ENG.
0	DIBROMOCHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0	ETHYLBENZENE	LT	5 UG/L	ENV. ENG.
1	FLUORIDE		1940 UG/L	ENV. ENG.
2	FLUORIDE		2010 UG/L	ENV. ENG.
0	IRON		122 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
1	POTASSIUM		7640 UG/L	ENV. ENG.
0	TOLUENE	LT	5 UG/L	ENV. ENG.
0	MAGNESIUM		4790 UG/L	ENV. ENG.
2	MANGANESE		515 UG/L	ENV. ENG.
1	SODIUM		79200 UG/L	ENV. ENG.
1	NICKEL		13 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN		192000 UG/L	ENV. ENG.
0	LEAD		7 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		30200 UG/L	ENV. ENG.
1	SULFATE		20800 UG/L	ENV. ENG.
0	1,1,2,2-TETRACHLOROETHANE	LT	10 UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	LT	5.00 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		1542000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON		1400 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		60 UG/L	ENV. ENG.
0	TRICHLOROETHYLENE	LT	5.00 UG/L	ENV. ENG.
0	TRANS-1,2-DICHLOROETHENE	LT	5 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	5 UG/L	ENV. ENG.
0	1,1-DICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,1,1-TRICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,1,2-TRICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,2-DICHLOROETHANE	LT	1 UG/L	ENV. ENG.
0	1,2-DICHLOROPROPANE	LT	10 UG/L	ENV. ENG.
0	CIS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0	TRANS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0	2-CHLOROETHYL VINYL ETHER	LT	10 UG/L	ENV. ENG.
0	ZINC		119 UG/L	ENV. ENG.
2	GROSS ALPHA		81.10+-6.87 PCI/L	HP, 735A
2	GROSS ALPHA		698+-19.1 PCI/L	RAD. MEAS.
2	NONVOLATILE BETA		2390+-25.2 PCI/L	HP, 735A
2	NONVOLATILE BETA		2063+-19.1 PCI/L	RAD. MEAS.
2	TOTAL RADIUM		21.60+-1.88 PCI/L	RAD. MEAS.
2	TRITIUM		35300+-80.5 PCI/ML	HP, 735A
2	TRITIUM		24532+-93.5 PCI/ML	RAD. MEAS.

WELL FSB 98A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/16/88 TIME 1400  
 DEPTH TO WATER = 133.07 FT ( 40.56 M) BELOW THE TOC  
 WATER ELEVATION = 149.93 FT ( 45.70 M) MSL  
 PH = 12.7 ALKALINITY = 1085 MG/L  
 SPECIFIC CONDUCTANCE = 5010 UMHOS/CM  
 WATER TEMPERATURE = 20.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 29 GAL  
 THE WELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		4050 UMHOS	ENV. ENG.
2	PH		11.6 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
1	BARIUM		116 UG/L	ENV. ENG.
1	CALCIUM		325000 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE	LT	1000 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER		20 UG/L	ENV. ENG.
0	FLUORIDE		120 UG/L	ENV. ENG.
0	IRON		27 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.

CONTINUED

## WELL FSB 98A COLLECTED ON 10/16/88 LABORATORY ANALYSES CONTINUED

1	POTASSIUM	18900	UG/L	ENV.	ENG.
0	MAGNESIUM	161	UG/L	ENV.	ENG.
0	MANGANESE	2	UG/L	ENV.	ENG.
1	SODIUM	19400	UG/L	ENV.	ENG.
0	NICKEL	4	UG/L	ENV.	ENG.
0	NITRATE AS NITROGEN	210	UG/L	ENV.	ENG.
0	LEAD	10	UG/L	ENV.	ENG.
0	PHENOL	5	UG/L	ENV.	ENG.
0	SELENIUM	2	UG/L	ENV.	ENG.
1	SILICA	1900	UG/L	ENV.	ENG.
0	SULFATE	5000	UG/L	ENV.	ENG.
0	TOTAL DISSOLVED SOLIDS	1690000	UG/L	ENV.	ENG.
0	TOTAL ORGANIC CARBON	3700	UG/L	ENV.	ENG.
0	TOTAL ORGANIC HALOGENS	6	UG/L	ENV.	ENG.
0	TOTAL ORGANIC HALOGENS	8	UG/L	ENV.	ENG.
0	TOTAL PHOSPHATES	20	UG/L	ENV.	ENG.
0	ZINC	10	UG/L	ENV.	ENG.
2	GROSS ALPHA	36.40+-14.3	PCI/L	RAD.	MEAS.
2	GROSS ALPHA	57.30+-16.4	PCI/L	RAD.	MEAS.
1	NONVOLATILE BETA	38.90+-12.6	PCI/L	RAD.	MEAS.
2	NONVOLATILE BETA	167+-19	PCI/L	RAD.	MEAS.
2	TOTAL RADIUM	8.11+-1.15	PCI/L	RAD.	MEAS.
2	TOTAL RADIUM	9.01+-1.19	PCI/L	RAD.	MEAS.
1	TRITIUM	19.10+-0.45	PCI/ML	RAD.	MEAS.
1	TRITIUM	18.80+-0.44	PCI/ML	RAD.	MEAS.

## WELL FSB 98C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/16/88 TIME 1410  
 DEPTH TO WATER = 75.31 FT ( 22.95 M) BELOW THE TOC  
 WATER ELEVATION = 207.79 FT ( 63.34 M) MSL  
 PH = 5.3 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 2120 UMHOS/CM  
 WATER TEMPERATURE = 20.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 159 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	1930	UMHC	ENV.	ENG.
1	PH	3.41	PH	ENV.	ENG.
0	SILVER	2	UG/L	ENV.	ENG.
2	ARSENIC	47	UG/L	ENV.	ENG.
2	BARIUM	635	UG/L	ENV.	ENG.
1	CALCIUM	13500	UG/L	ENV.	ENG.
2	CADMIUM	13	UG/L	ENV.	ENG.
0	CHLORIDE	8500	UG/L	ENV.	ENG.
0	CHROMIUM	4	UG/L	ENV.	ENG.
1	COPPER	108	UG/L	ENV.	ENG.
1	FLUORIDE	1630	UG/L	ENV.	ENG.
0	IRON	55	UG/L	ENV.	ENG.
0	MERCURY	0.20	UG/L	ENV.	ENG.
0	POTASSIUM	2170	UG/L	ENV.	ENG.
1	MAGNESIUM	5040	UG/L	ENV.	ENG.
2	MANGANESE	3370	UG/L	ENV.	ENG.
1	SODIUM	136000	UG/L	ENV.	ENG.
1	NICKEL	38	UG/L	ENV.	ENG.
2	NITRATE AS NITROGEN	217000	UG/L	ENV.	ENG.
0	LEAD	6	UG/L	ENV.	ENG.
0	PHENOL	5	UG/L	ENV.	ENG.
0	SELENIUM	2	UG/L	ENV.	ENG.
1	SILICA	63200	UG/L	ENV.	ENG.
0	SULFATE	6940	UG/L	ENV.	ENG.
0	TOTAL DISSOLVED SOLIDS	976000	UG/L	ENV.	ENG.
0	TOTAL ORGANIC CARBON	1000	UG/L	ENV.	ENG.
0	TOTAL ORGANIC HALOGENS	6	UG/L	ENV.	ENG.
0	TOTAL PHOSPHATES	130	UG/L	ENV.	ENG.
0	ZINC	127	UG/L	ENV.	ENG.
2	GROSS ALPHA	167+-9.86	PCI/L	HP,	735A
2	GROSS ALPHA	871+-24.9	PCI/L	RAD.	MEAS.
2	NONVOLATILE BETA	1160+-17.5	PCI/L	HP,	735A
2	NONVOLATILE BETA	2077+-26.3	PCI/L	RAD.	MEAS.
2	TOTAL RADIUM	73.70+-3.43	PCI/L	RAD.	MEAS.
2	TRITIUM	17000+-56	PCI/ML	HP,	735A
2	TRITIUM	14510+-72.2	PCI/ML	RAD.	MEAS.

## WELL FSB 98D

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/16/88 TIME 1345  
 DEPTH TO WATER = 71.56 FT ( 21.81 M) BELOW THE TOC  
 WATER ELEVATION = 211.54 FT ( 64.48 M) MSL  
 PH = 12.2 ALKALINITY = 354 MG/L  
 SPECIFIC CONDUCTANCE = 3070 UMHOS/CM  
 WATER TEMPERATURE = 20.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 3 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	2298	UMHC	ENV.	ENG.
2	PH	11.5	PH	ENV.	ENG.
0	SILVER	2	UG/L	ENV.	ENG.
0	ARSENIC	2	UG/L	ENV.	ENG.
2	BARIUM	536	UG/L	ENV.	ENG.
1	BARIUM	496	UG/L	ENV.	ENG.
0	BROMODICHLOROMETHANE	5	UG/L	ENV.	ENG.
1	CALCIUM	120000	UG/L	ENV.	ENG.
0	CALCIUM	119000	UG/L	ENV.	ENG.
0	TRICHLOROFLUOROMETHANE	5	UG/L	ENV.	ENG.
0	CARBON TETRACHLORIDE	5.00	UG/L	ENV.	ENG.
2	CADMIUM	12	UG/L	ENV.	ENG.

CONTINUED

## WELL FSB 98D COLLECTED ON 10/16/88 LABORATORY ANALYSES CONTINUED

2	CADMIUM	11	UG/L	ENV.	ENG.
0	BROMOFORM	10	UG/L	ENV.	ENG.
0	CHLOROFORM	5	UG/L	ENV.	ENG.
0	METHYLENE CHLORIDE	5	UG/L	ENV.	ENG.
0	BROMOMETHANE	10	UG/L	ENV.	ENG.
0	CHLOROMETHANE	10	UG/L	ENV.	ENG.
0	CHLORIDE	1000	UG/L	ENV.	ENG.
0	CHLOROBENZENE	5	UG/L	ENV.	ENG.
0	CHROMIUM	4	UG/L	ENV.	ENG.
0	CHROMIUM	4	UG/L	ENV.	ENG.
1	COPPER	33	UG/L	ENV.	ENG.
1	COPPER	32	UG/L	ENV.	ENG.
0	CHLOROETHENE	10	UG/L	ENV.	ENG.
0	CHLOROETHANE	10	UG/L	ENV.	ENG.
0	BENZENE	5	UG/L	ENV.	ENG.
0	DIBROMOCHLOROMETHANE	5	UG/L	ENV.	ENG.
0	ETHYLBENZENE	5	UG/L	ENV.	ENG.
1	FLUORIDE	760	UG/L	ENV.	ENG.
2	IRON	514	UG/L	ENV.	ENG.
2	IRON	430	UG/L	ENV.	ENG.
0	MERCURY	0.20	UG/L	ENV.	ENG.
1	POTASSIUM	13200	UG/L	ENV.	ENG.
1	POTASSIUM	13200	UG/L	ENV.	ENG.
0	TOLUENE	5	UG/L	ENV.	ENG.
1	MAGNESIUM	7290	UG/L	ENV.	ENG.
1	MAGNESIUM	7240	UG/L	ENV.	ENG.
2	MANGANESE	934	UG/L	ENV.	ENG.
2	MANGANESE	853	UG/L	ENV.	ENG.
1	SODIUM	93500	UG/L	ENV.	ENG.
1	SODIUM	94300	UG/L	ENV.	ENG.
1	NICKEL	26	UG/L	ENV.	ENG.
1	NICKEL	23	UG/L	ENV.	ENG.
2	NITRATE AS NITROGEN	22000	UG/L	ENV.	ENG.
2	LEAD	75	UG/L	ENV.	ENG.
2	LEAD	71	UG/L	ENV.	ENG.
0	PHENOL	5	UG/L	ENV.	ENG.
0	SELENIUM	2	UG/L	ENV.	ENG.
1	SILICA	3720	UG/L	ENV.	ENG.
0	SULFATE	5000	UG/L	ENV.	ENG.
0	1,1,2,2-TETRACHLOROETHANE	10	UG/L	ENV.	ENG.
0	TETRACHLOROETHYLENE	5.00	UG/L	ENV.	ENG.
0	TOTAL DISSOLVED SOLIDS	1494000	UG/L	ENV.	ENG.
0	TOTAL ORGANIC CARBON	2100	UG/L	ENV.	ENG.
0	TOTAL ORGANIC HALOGENS	9	UG/L	ENV.	ENG.
0	TOTAL PHOSPHATES	20	UG/L	ENV.	ENG.
0	TRICHLOROETHYLENE	5.00	UG/L	ENV.	ENG.
0	TRANS-1,2-DICHLOROETHENE	5	UG/L	ENV.	ENG.
0	1,1-DICHLOROETHYLENE	5	UG/L	ENV.	ENG.
0	1,1-DICHLOROETHANE	5	UG/L	ENV.	ENG.
0	1,1,1-TRICHLOROETHANE	5	UG/L	ENV.	ENG.
0	1,1,2-TRICHLOROETHANE	5	UG/L	ENV.	ENG.
0	1,2-DICHLOROETHANE	1	UG/L	ENV.	ENG.
0	1,2-DICHLOROPROPANE	10	UG/L	ENV.	ENG.
0	CIS-1,3-DICHLOROPROPENE	5	UG/L	ENV.	ENG.
0	TRANS-1,3-DICHLOROPROPENE	5	UG/L	ENV.	ENG.
0	2-CHLOROETHYL VINYL ETHER	10	UG/L	ENV.	ENG.
0	ZINC	157	UG/L	ENV.	ENG.
0	ZINC	139	UG/L	ENV.	ENG.
2	GROSS ALPHA	1.60+-1.05	PCI/L	HP,	735A
2	GROSS ALPHA	104+-16.6	PCI/L	RAD.	MEAS.
2	NONVOLATILE BETA	141+-13.6	PCI/L	HP,	735A
2	NONVOLATILE BETA	1048+-30.4	PCI/L	RAD.	MEAS.
2	TOTAL RADIUM	25.80+-2.15	PCI/L	RAD.	MEAS.
2	TRITIUM	23100+-65.2	PCI/ML	HP,	735A
2	TRITIUM	18820+-82	PCI/ML	RAD.	MEAS.

## WELL FSB 99A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/15/88 TIME 1425  
 DEPTH TO WATER = 138.26 FT ( 42.14 M) BELOW THE TOC  
 WATER ELEVATION = 149.34 FT ( 45.52 M) MSL  
 PH = 8.4 ALKALINITY = 70 MG/L  
 SPECIFIC CONDUCTANCE = 181 UMHOS/CM  
 WATER TEMPERATURE = 20.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 185 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	175.0	UMHC	ENV.	ENG.
2	PH	8.51	PH	ENV.	ENG.
0	SILVER	2	UG/L	ENV.	ENG.
0	ARSENIC	2	UG/L	ENV.	ENG.
0	BARIUM	42	UG/L	ENV.	ENG.
1	CALCIUM	18800	UG/L	ENV.	ENG.
0	CADMIUM	2	UG/L	ENV.	ENG.
0	CHLORIDE	2200	UG/L	ENV.	ENG.
0	CHROMIUM	4	UG/L	ENV.	ENG.
0	COPPER	10	UG/L	ENV.	ENG.
0	FLUORIDE	100	UG/L	ENV.	ENG.
0	IRON	20	UG/L	ENV.	ENG.
0	MERCURY	0.20	UG/L	ENV.	ENG.
0	POTASSIUM	4140	UG/L	ENV.	ENG.
0	MAGNESIUM	1340	UG/L	ENV.	ENG.
0	MANGANESE	5	UG/L	ENV.	ENG.
1	SODIUM	7000	UG/L	ENV.	ENG.
0	NICKEL	4	UG/L	ENV.	ENG.
0	NITRATE AS NITROGEN	1390	UG/L	ENV.	ENG.
0	LEAD	6	UG/L	ENV.	ENG.
0	PHENOL	5	UG/L	ENV.	ENG.
0	SELENIUM	2	UG/L	ENV.	ENG.
1	SILICA	16500	UG/L	ENV.	ENG.
0	SULFATE	5000	UG/L	ENV.	ENG.
0	TOTAL DISSOLVED SOLIDS	120000	UG/L	ENV.	ENG.
0	TOTAL ORGANIC CARBON	1000	UG/L	ENV.	ENG.

CONTINUED

WELL FSB 99A COLLECTED ON 10/15/88 LABORATORY ANALYSES CONTINUED

0 TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0 TOTAL PHOSPHATES		190 UG/L	ENV. ENG.
0 ZINC	LT	2 UG/L	ENV. ENG.
0 GROSS ALPHA		2.54+-1.17 PCI/L	RAD. MEAS.
0 NONVOLATILE BETA		4.81+-1.02 PCI/L	RAD. MEAS.
0 TOTAL RADIUM	LT	1 PCI/L	RAD. MEAS.
2 TRITIUM		38.00+-0.59 PCI/ML	RAD. MEAS.

WELL FSB 99C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/15/88 TIME 1405  
 DEPTH TO WATER = 79.19 FT ( 29.14 M) BELOW THE TOC  
 WATER ELEVATION = 208.51 FT ( 63.55 M) MSL  
 PH = 6.1 ALKALINITY = 18 MG/L  
 SPECIFIC CONDUCTANCE = 553 UMHOS/CM  
 WATER TEMPERATURE = 20.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 136 GAL

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE		286.0 UMHOS	ENV. ENG.
0 PH		6.35 PH	ENV. ENG.
0 SILVER	LT	2 UG/L	ENV. ENG.
0 ARSENIC	LT	2 UG/L	ENV. ENG.
0 BARIUM		49 UG/L	ENV. ENG.
0 CALCIUM		11700 UG/L	ENV. ENG.
0 CADMIUM	LT	2 UG/L	ENV. ENG.
0 CHLORIDE	LT	1000 UG/L	ENV. ENG.
0 CHROMIUM	LT	4 UG/L	ENV. ENG.
0 COPPER	LT	12 UG/L	ENV. ENG.
0 FLUORIDE	LT	100 UG/L	ENV. ENG.
0 IRON		30 UG/L	ENV. ENG.
0 MERCURY	LT	0.20 UG/L	ENV. ENG.
0 POTASSIUM		35100 UG/L	ENV. ENG.
0 MAGNESIUM		4820 UG/L	ENV. ENG.
0 MANGANESE		47 UG/L	ENV. ENG.
0 SODIUM		20700 UG/L	ENV. ENG.
0 NICKEL	LT	4 UG/L	ENV. ENG.
2 NITRATE AS NITROGEN		22200 UG/L	ENV. ENG.
0 LEAD	LT	6 UG/L	ENV. ENG.
0 PHENOL	LT	5 UG/L	ENV. ENG.
0 PHENOL	LT	5 UG/L	ENV. ENG.
0 SELENIUM	LT	2 UG/L	ENV. ENG.
1 SILICA		8270 UG/L	ENV. ENG.
0 SULFATE	LT	5000 UG/L	ENV. ENG.
0 TOTAL DISSOLVED SOLIDS		168000 UG/L	ENV. ENG.
0 TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0 TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0 TOTAL ORGANIC HALOGENS		7 UG/L	ENV. ENG.
0 TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0 TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0 ZINC		12 UG/L	ENV. ENG.
0 GROSS ALPHA		4.50+-1.67 PCI/L	HP, 735A
1 GROSS ALPHA		9.18+-1.52 PCI/L	RAD. MEAS.
1 NONVOLATILE BETA		33.90+-3.20 PCI/L	HP, 735A
1 NONVOLATILE BETA		44.30+-2.07 PCI/L	RAD. MEAS.
0 TOTAL RADIUM		2.35+-0.73 PCI/L	RAD. MEAS.
2 TRITIUM		2110+-20.1 PCI/ML	HP, 735A
2 TRITIUM		1948+-27.8 PCI/ML	RAD. MEAS.

WELL FSB 99D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/15/88 TIME 1440  
 DEPTH TO WATER = 75.30 FT ( 22.95 M) BELOW THE TOC  
 WATER ELEVATION = 212.30 FT ( 64.71 M) MSL  
 PH = 4.5 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 100 UMHOS/CM  
 WATER TEMPERATURE = 20.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 37 GAL

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE		545.0 UMHOS	ENV. ENG.
0 PH		4.78 PH	ENV. ENG.
0 SILVER	LT	2 UG/L	ENV. ENG.
0 ARSENIC	LT	2 UG/L	ENV. ENG.
0 BARIUM	LT	2 UG/L	ENV. ENG.
0 CALCIUM		27 UG/L	ENV. ENG.
0 CADMIUM	LT	2810 UG/L	ENV. ENG.
0 CHLORIDE		2 UG/L	ENV. ENG.
0 CHLORIDE		1800 UG/L	ENV. ENG.
0 CHROMIUM	LT	1600 UG/L	ENV. ENG.
0 COPPER		4 UG/L	ENV. ENG.
0 FLUORIDE	LT	8 UG/L	ENV. ENG.
0 IRON	LT	100 UG/L	ENV. ENG.
0 MERCURY		28 UG/L	ENV. ENG.
0 POTASSIUM	LT	0.20 UG/L	ENV. ENG.
0 MAGNESIUM		2350 UG/L	ENV. ENG.
0 MANGANESE		542 UG/L	ENV. ENG.
0 SODIUM		96 UG/L	ENV. ENG.
0 NICKEL		7830 UG/L	ENV. ENG.
1 NITRATE AS NITROGEN		6 UG/L	ENV. ENG.
0 LEAD	LT	7130 UG/L	ENV. ENG.
0 PHENOL	LT	6 UG/L	ENV. ENG.
0 SELENIUM	LT	5 UG/L	ENV. ENG.
0 SELENIUM	LT	2 UG/L	ENV. ENG.
1 SILICA		13800 UG/L	ENV. ENG.
0 SULFATE	LT	5000 UG/L	ENV. ENG.

CONTINUED

WELL FSB 99D COLLECTED ON 10/15/88 LABORATORY ANALYSES CONTINUED

0 SULFATE	LT	5000 UG/L	ENV. ENG.
0 TOTAL DISSOLVED SOLIDS		102000 UG/L	ENV. ENG.
0 TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0 TOTAL ORGANIC HALOGENS		7 UG/L	ENV. ENG.
0 TOTAL PHOSPHATES		30 UG/L	ENV. ENG.
0 ZINC		17 UG/L	ENV. ENG.
1 GROSS ALPHA		6.91+-1.74 PCI/L	HP, 735A
1 GROSS ALPHA		12.70+-1.98 PCI/L	RAD. MEAS.
1 NONVOLATILE BETA		34.40+-3.62 PCI/L	HP, 735A
1 NONVOLATILE BETA		39.40+-2.25 PCI/L	RAD. MEAS.
0 TOTAL RADIUM		0.61+-0.41 PCI/L	RAD. MEAS.
2 TRITIUM		303+-2.39 PCI/ML	HP, 735A
2 TRITIUM		289+-1.54 PCI/ML	RAD. MEAS.

WELL FSB100A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/16/88 TIME 1520  
 DEPTH TO WATER = 135.61 FT ( 41.33 M) BELOW THE TOC  
 WATER ELEVATION = 150.39 FT ( 45.84 M) MSL  
 PH = 10.9 ALKALINITY = 142 MG/L  
 SPECIFIC CONDUCTANCE = 517 UMHOS/CM  
 WATER TEMPERATURE = 20.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 19 GAL  
 THE WELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE		423.0 UMHOS	ENV. ENG.
2 PH		10.2 PH	ENV. ENG.
0 SILVER	LT	2 UG/L	ENV. ENG.
0 ARSENIC		5 UG/L	ENV. ENG.
0 BARIUM		26 UG/L	ENV. ENG.
0 CALCIUM		4250 UG/L	ENV. ENG.
0 CADMIUM	LT	2 UG/L	ENV. ENG.
0 CHLORIDE		2900 UG/L	ENV. ENG.
0 CHLORIDE		3200 UG/L	ENV. ENG.
0 CHROMIUM		8 UG/L	ENV. ENG.
0 COPPER		5 UG/L	ENV. ENG.
0 FLUORIDE	LT	100 UG/L	ENV. ENG.
0 FLUORIDE	LT	100 UG/L	ENV. ENG.
0 IRON	LT	20 UG/L	ENV. ENG.
0 MERCURY	LT	0.20 UG/L	ENV. ENG.
0 POTASSIUM		22700 UG/L	ENV. ENG.
0 MAGNESIUM		154 UG/L	ENV. ENG.
0 MANGANESE	LT	2 UG/L	ENV. ENG.
0 SODIUM		75000 UG/L	ENV. ENG.
0 NICKEL	LT	4 UG/L	ENV. ENG.
0 NITRATE AS NITROGEN		2920 UG/L	ENV. ENG.
0 LEAD	LT	6 UG/L	ENV. ENG.
0 PHENOL	LT	5 UG/L	ENV. ENG.
0 SELENIUM	LT	2 UG/L	ENV. ENG.
1 SILICA		15000 UG/L	ENV. ENG.
1 SILICA		14700 UG/L	ENV. ENG.
1 SULFATE		33100 UG/L	ENV. ENG.
1 SULFATE		33000 UG/L	ENV. ENG.
0 TOTAL DISSOLVED SOLIDS		252000 UG/L	ENV. ENG.
0 TOTAL DISSOLVED SOLIDS		256000 UG/L	ENV. ENG.
0 TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0 TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0 TOTAL PHOSPHATES		190 UG/L	ENV. ENG.
0 ZINC		3 UG/L	ENV. ENG.
0 GROSS ALPHA		4.29+-2.63 PCI/L	RAD. MEAS.
1 NONVOLATILE BETA		13.20+-2.54 PCI/L	RAD. MEAS.
0 TOTAL RADIUM	LT	1 PCI/L	RAD. MEAS.
2 TRITIUM		92.00+-0.89 PCI/ML	RAD. MEAS.

WELL FSB101A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/13/88 TIME 1220  
 DEPTH TO WATER = 135.87 FT ( 41.41 M) BELOW THE TOC  
 WATER ELEVATION = 149.33 FT ( 45.52 M) MSL  
 PH = 7.3 ALKALINITY = 75 MG/L  
 SPECIFIC CONDUCTANCE = 165 UMHOS/CM  
 WATER TEMPERATURE = 19.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 185 GAL

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE		150.0 UMHOS	ENV. LAB.
1 SPECIFIC CONDUCTANCE		168.0 UMHOS	M. A.
1 SPECIFIC CONDUCTANCE		167.0 UMHOS	ENV. ENG.
1 PH		7.50 PH	ENV. LAB.
1 PH		7.20 PH	M. A.
0 SILVER	LT	7.55 PH	ENV. ENG.
0 SILVER	LT	10 UG/L	ENV. LAB.
0 SILVER	LT	10 UG/L	M. A.
0 SILVER	LT	2 UG/L	ENV. ENG.
0 ALUMINUM	LT	2 UG/L	ENV. ENG.
0 ARSENIC	LT	200 UG/L	M. A.
0 ARSENIC	LT	10 UG/L	ENV. LAB.
0 ARSENIC	LT	10 UG/L	M. A.
0 ARSENIC	LT	2 UG/L	ENV. ENG.
0 BARIUM	LT	100 UG/L	ENV. ENG.
0 BARIUM	LT	200 UG/L	ENV. LAB.
0 BARIUM		36 UG/L	ENV. ENG.
0 BARIUM		39 UG/L	ENV. ENG.
1 BERYLLIUM	LT	5 UG/L	M. A.
1 CALCIUM		24000 UG/L	ENV. LAB.
1 CALCIUM		25000 UG/L	M. A.

CONTINUED

## WELL FSB101A COLLECTED ON 11/13/88 LABORATORY ANALYSES CONTINUED

1	CALCIUM		24000	UG/L	ENV. ENG.
1	CALCIUM		27800	UG/L	ENV. ENG.
0	CADMIUM	LT	10	UG/L	ENV. LAB.
0	CADMIUM		5	UG/L	M. A.
0	CADMIUM	LT	2	UG/L	ENV. ENG.
0	CHLORIDE		3000	UG/L	ENV. LAB.
0	CHLORIDE		2600	UG/L	M. A.
0	CHLORIDE		2700	UG/L	ENV. ENG.
0	COBALT	LT	50	UG/L	M. A.
0	CHROMIUM	LT	50	UG/L	ENV. LAB.
0	CHROMIUM	LT	10	UG/L	M. A.
0	CHROMIUM	LT	4	UG/L	ENV. ENG.
0	COPPER	LT	20	UG/L	ENV. LAB.
0	COPPER	LT	25	UG/L	M. A.
0	COPPER		17	UG/L	ENV. ENG.
0	FLUORIDE	LT	100	UG/L	ENV. LAB.
0	FLUORIDE	LT	100	UG/L	M. A.
0	FLUORIDE	LT	100	UG/L	ENV. ENG.
0	IRON		100	UG/L	ENV. LAB.
0	IRON	LT	100	UG/L	M. A.
0	IRON	LT	20	UG/L	ENV. ENG.
0	MERCURY	LT	0.50	UG/L	ENV. LAB.
0	MERCURY	LT	0.20	UG/L	M. A.
0	MERCURY		0.20	UG/L	ENV. ENG.
0	POTASSIUM		1100	UG/L	ENV. LAB.
0	POTASSIUM	LT	5000	UG/L	M. A.
0	POTASSIUM		1140	UG/L	ENV. ENG.
0	MAGNESIUM		690	UG/L	ENV. LAB.
0	MAGNESIUM	LT	5000	UG/L	M. A.
0	MAGNESIUM		575	UG/L	ENV. ENG.
0	MAGNESIUM		610	UG/L	ENV. ENG.
2	MANGANESE		60	UG/L	ENV. LAB.
0	MANGANESE	LT	15	UG/L	M. A.
0	MANGANESE		4	UG/L	ENV. ENG.
0	MANGANESE		3	UG/L	ENV. ENG.
0	MANGANESE		2400	UG/L	ENV. LAB.
0	SODIUM	LT	5000	UG/L	M. A.
0	SODIUM		2150	UG/L	ENV. ENG.
0	SODIUM		2260	UG/L	ENV. ENG.
0	NICKEL	LT	50	UG/L	ENV. LAB.
0	NICKEL	LT	40	UG/L	M. A.
0	NICKEL	LT	4	UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		1700	UG/L	ENV. LAB.
0	NITRATE AS NITROGEN		1600	UG/L	M. A.
0	NITRATE AS NITROGEN		1910	UG/L	ENV. ENG.
0	LEAD	LT	10	UG/L	ENV. LAB.
0	LEAD	LT	5	UG/L	M. A.
0	LEAD	LT	6	UG/L	ENV. ENG.
0	PHENOL	LT	5	UG/L	ENV. LAB.
0	PHENOL	LT	5	UG/L	M. A.
0	PHENOL	LT	5	UG/L	ENV. ENG.
0	ANTIMONY	LT	40	UG/L	M. A.
0	SELENIUM	LT	10	UG/L	ENV. LAB.
0	SELENIUM	LT	5	UG/L	M. A.
0	SELENIUM	LT	2	UG/L	ENV. ENG.
1	SILICA		15000	UG/L	ENV. LAB.
1	SILICA		4910	UG/L	M. A.
1	SILICA		8100	UG/L	ENV. ENG.
0	TIN	LT	100	UG/L	M. A.
0	SULFATE	LT	5000	UG/L	ENV. LAB.
0	SULFATE	LT	5000	UG/L	M. A.
0	SULFATE	LT	5000	UG/L	M. A.
0	SULFATE	LT	5000	UG/L	ENV. ENG.
0	SULFATE	LT	5000	UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		97000	UG/L	ENV. LAB.
0	TOTAL DISSOLVED SOLIDS		110000	UG/L	M. A.
0	TOTAL DISSOLVED SOLIDS		186000	UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	5000	UG/L	ENV. LAB.
0	TOTAL ORGANIC CARBON	LT	500	UG/L	M. A.
2	TOTAL ORGANIC CARBON	LT	1000	UG/L	ENV. ENG.
2	TOTAL ORGANIC HALOGENS		30	UG/L	ENV. LAB.
1	TOTAL ORGANIC HALOGENS		21	UG/L	M. A.
2	TOTAL ORGANIC HALOGENS		29	UG/L	M. A.
0	TOTAL ORGANIC HALOGENS	LT	5	UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		100	UG/L	ENV. LAB.
0	TOTAL PHOSPHATES		96	UG/L	M. A.
0	TOTAL PHOSPHATES		170	UG/L	ENV. ENG.
0	URANIUM	LT	1000	UG/L	M. A.
0	ZINC	LT	50	UG/L	ENV. LAB.
0	ZINC	LT	20	UG/L	M. A.
0	ZINC		11	UG/L	ENV. ENG.
0	ZINC		8	UG/L	ENV. ENG.
0	GROSS ALPHA	LT	0.89	PCI/L	ENV. LAB.
1	GROSS ALPHA		13.00+-3.00	PCI/L	M. A.
0	GROSS ALPHA		1.95+-1.08	PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		1.70+-0.67	PCI/L	ENV. LAB.
0	NONVOLATILE BETA		0.00+-3.00	PCI/L	M. A.
0	NONVOLATILE BETA		2.84+-0.96	PCI/L	RAD. MEAS.
0	TOTAL RADIUM		0.71+-0.16	PCI/L	ENV. LAB.
0	TOTAL RADIUM		0.00+-0.50	PCI/L	M. A.
0	TOTAL RADIUM	LT	1	PCI/L	RAD. MEAS.
0	TRITIUM	LT	0.60	PCI/ML	ENV. LAB.
0	TRITIUM	LT	0.00+-1.00	PCI/ML	M. A.
0	TRITIUM	LT	0.70	PCI/ML	RAD. MEAS.

## WELL FSB101A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/13/88 TIME 1220  
 DEPTH TO WATER = 135.87 FT ( 41.41 M) BELOW THE TOC  
 WATER ELEVATION = 149.33 FT ( 45.52 M) MSL  
 PH = 7.3 ALKALINITY = 73 MG/L  
 SPECIFIC CONDUCTANCE = 165 UMHO/CM  
 WATER TEMPERATURE = 19.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 185 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		167.0	UMHC	ENV. ENG.
1	PH		7.51	PH	ENV. ENG.
0	SILVER	LT	2	UG/L	ENV. ENG.
0	ARSENIC	LT	2	UG/L	ENV. ENG.
0	BARIUM		42	UG/L	ENV. ENG.
0	BARIUM		43	UG/L	ENV. ENG.
1	CALCIUM		29400	UG/L	ENV. ENG.
1	CALCIUM		28400	UG/L	ENV. ENG.
0	CADMIUM	LT	2	UG/L	ENV. ENG.
0	CADMIUM	LT	2	UG/L	ENV. ENG.
0	CHLORIDE		2800	UG/L	ENV. ENG.
0	CHROMIUM	LT	4	UG/L	ENV. ENG.
0	CHROMIUM	LT	4	UG/L	ENV. ENG.
0	COPPER		13	UG/L	ENV. ENG.
0	COPPER		18	UG/L	ENV. ENG.
0	FLUORIDE	LT	100	UG/L	ENV. ENG.
0	IRON	LT	20	UG/L	ENV. ENG.
0	IRON		33	UG/L	ENV. ENG.
0	MERCURY	LT	0.20	UG/L	ENV. ENG.
0	POTASSIUM		1760	UG/L	ENV. ENG.
0	POTASSIUM		1670	UG/L	ENV. ENG.
0	MAGNESIUM		683	UG/L	ENV. ENG.
0	MAGNESIUM		693	UG/L	ENV. ENG.
0	MANGANESE		5	UG/L	ENV. ENG.
0	MANGANESE		3	UG/L	ENV. ENG.
0	SODIUM		2740	UG/L	ENV. ENG.
0	SODIUM		2660	UG/L	ENV. ENG.
0	NICKEL		4	UG/L	ENV. ENG.
0	NICKEL		4	UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		1910	UG/L	ENV. ENG.
0	LEAD	LT	6	UG/L	ENV. ENG.
0	LEAD	LT	6	UG/L	ENV. ENG.
0	PHENOL	LT	5	UG/L	ENV. ENG.
0	SELENIUM	LT	5	UG/L	ENV. ENG.
1	SILICA		8180	UG/L	ENV. ENG.
0	SULFATE	LT	5000	UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		146000	UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000	UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5	UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		150	UG/L	ENV. ENG.
0	ZINC		17	UG/L	ENV. ENG.
0	ZINC		13	UG/L	ENV. ENG.
0	GROSS ALPHA		1.37+-1.06	PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		1.55+-0.92	PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT	1	PCI/L	RAD. MEAS.
0	TRITIUM	LT	0.70	PCI/ML	RAD. MEAS.

## WELL FSB102C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/08/88 TIME 1735  
 DEPTH TO WATER = 6.50 FT ( 1.98 M) BELOW THE TOC  
 WATER ELEVATION = 194.60 FT ( 59.31 M) MSL  
 PH = 4.4 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 620 UMHO/CM  
 WATER TEMPERATURE = 17.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 144 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		612.0	UMHC	ENV. ENG.
0	PH		4.70	PH	ENV. ENG.
0	SILVER	LT	2	UG/L	ENV. ENG.
0	ARSENIC	LT	2	UG/L	ENV. ENG.
1	BARIUM		139	UG/L	ENV. ENG.
1	CALCIUM		57000	UG/L	ENV. ENG.
0	CADMIUM	LT	2	UG/L	ENV. ENG.
0	CHLORIDE		2100	UG/L	ENV. ENG.
0	CHROMIUM	LT	4	UG/L	ENV. ENG.
0	COPPER		13	UG/L	ENV. ENG.
0	FLUORIDE		400	UG/L	ENV. ENG.
0	IRON		51	UG/L	ENV. ENG.
2	MERCURY		1.05	UG/L	ENV. ENG.
0	POTASSIUM		1470	UG/L	ENV. ENG.
1	MAGNESIUM		6520	UG/L	ENV. ENG.
2	MANGANESE		1080	UG/L	ENV. ENG.
1	SODIUM		71500	UG/L	ENV. ENG.
1	NICKEL		22	UG/L	ENV. ENG.
2	NITRATE AS NITROGEN		72400	UG/L	ENV. ENG.
0	LEAD	LT	6	UG/L	ENV. ENG.
0	PHENOL	LT	5	UG/L	ENV. ENG.
0	SELENIUM	LT	2	UG/L	ENV. ENG.
1	SILICA		9300	UG/L	ENV. ENG.
1	SILICA		9400	UG/L	ENV. ENG.
0	SULFATE		7000	UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		428000	UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000	UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000	UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5	UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		40	UG/L	ENV. ENG.
0	ZINC		44	UG/L	ENV. ENG.
1	GROSS ALPHA		8.41+-2.28	PCI/L	HP, 735A

CONTINUED



WELL FSB102C COLLECTED ON 10/08/88 LABORATORY ANALYSES CONTINUED

2 GROSS ALPHA 16.20+-4.10 PCI/L RAD. MEAS.  
 2 NONVOLATILE BETA 544+-12 PCI/L HP, 735A  
 2 NONVOLATILE BETA 42+-13.2 PCI/L RAD. MEAS.  
 2 TOTAL RADIUM 5.96+-0.95 PCI/L RAD. MEAS.  
 2 TRITIUM 2530+-7.00 PCI/ML HP, 735A  
 2 TRITIUM 2301+-29.7 PCI/ML RAD. MEAS.

WELL FSB103C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/23/88 TIME 1355  
 DEPTH TO WATER = 41.36 FT ( 12.61 M) BELOW THE TOC  
 WATER ELEVATION = 201.04 FT ( 61.28 M) MSL  
 PH = 6.0 ALKALINITY = 13 MG/L  
 SPECIFIC CONDUCTANCE = 231 UMHOS/CM  
 WATER TEMPERATURE = 20.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 156 GAL

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE 214.0 UMHOS ENV. ENG.  
 0 PH 6.49 PH ENV. ENG.  
 0 SILVER 2 UG/L ENV. ENG.  
 0 ARSENIC 2 UG/L ENV. ENG.  
 0 BARIUM 48 UG/L ENV. ENG.  
 1 CALCIUM 18600 UG/L ENV. ENG.  
 0 CADMIUM 2 UG/L ENV. ENG.  
 0 CHLORIDE 2400 UG/L ENV. ENG.  
 0 CHROMIUM 4 UG/L ENV. ENG.  
 1 COPPER 26 UG/L ENV. ENG.  
 0 FLUORIDE 100 UG/L ENV. ENG.  
 0 IRON 28 UG/L ENV. ENG.  
 0 MERCURY 0.20 UG/L ENV. ENG.  
 0 POTASSIUM 1860 UG/L ENV. ENG.  
 0 POTASSIUM 1850 UG/L ENV. ENG.  
 0 MAGNESIUM 1800 UG/L ENV. ENG.  
 1 MANGANESE 50 UG/L ENV. ENG.  
 1 SODIUM 9360 UG/L ENV. ENG.  
 0 NICKEL 4 UG/L ENV. ENG.  
 2 NITRATE AS NITROGEN 21600 UG/L ENV. ENG.  
 2 NITRATE AS NITROGEN 21900 UG/L ENV. ENG.  
 0 LEAD 6 UG/L ENV. ENG.  
 0 PHENOL 5 UG/L ENV. ENG.  
 0 SELENIUM 2 UG/L ENV. ENG.  
 1 SILICA 6520 UG/L ENV. ENG.  
 0 SULFATE 5000 UG/L ENV. ENG.  
 0 TOTAL DISSOLVED SOLIDS 29000 UG/L ENV. ENG.  
 0 TOTAL ORGANIC CARBON 1000 UG/L ENV. ENG.  
 0 TOTAL ORGANIC HALOGENS 5 UG/L ENV. ENG.  
 0 TOTAL PHOSPHATES 20 UG/L ENV. ENG.  
 0 TOTAL PHOSPHATES 48 UG/L ENV. ENG.  
 0 ZINC 0.21+-0.43 PCI/L HP, 735A  
 0 GROSS ALPHA 4.58+-1.66 PCI/L RAD. MEAS.  
 0 GROSS ALPHA 22.20+-3.00 PCI/L HP, 735A  
 1 NONVOLATILE BETA 12.20+-1.78 PCI/L RAD. MEAS.  
 1 NONVOLATILE BETA 1 PCI/L RAD. MEAS.  
 0 TOTAL RADIUM 754+-3.82 PCI/ML HP, 735A  
 2 TRITIUM 726+-4.78 PCI/ML RAD. MEAS.

WELL FSB104C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/15/88 TIME 1540  
 DEPTH TO WATER = 20.06 FT ( 6.11 M) BELOW THE TOC  
 WATER ELEVATION = 199.04 FT ( 60.67 M) MSL  
 PH = 5.3 ALKALINITY = 4 MG/L  
 SPECIFIC CONDUCTANCE = 354 UMHOS/CM  
 WATER TEMPERATURE = 18.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 140 GAL

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE 312.0 UMHOS ENV. ENG.  
 0 PH 5.63 PH ENV. ENG.  
 0 SILVER 2 UG/L ENV. ENG.  
 0 ARSENIC 2 UG/L ENV. ENG.  
 1 BARIUM 60 UG/L ENV. ENG.  
 1 CALCIUM 30500 UG/L ENV. ENG.  
 0 CADMIUM 2 UG/L ENV. ENG.  
 0 CHLORIDE 2800 UG/L ENV. ENG.  
 0 CHROMIUM 4 UG/L ENV. ENG.  
 0 COPPER 9 UG/L ENV. ENG.  
 0 FLUORIDE 100 UG/L ENV. ENG.  
 0 IRON 27 UG/L ENV. ENG.  
 0 MERCURY 0.20 UG/L ENV. ENG.  
 1 POTASSIUM 12000 UG/L ENV. ENG.  
 0 MAGNESIUM 4160 UG/L ENV. ENG.  
 1 MANGANESE 32 UG/L ENV. ENG.  
 1 SODIUM 12500 UG/L ENV. ENG.  
 0 NICKEL 13 UG/L ENV. ENG.  
 2 NITRATE AS NITROGEN 32200 UG/L ENV. ENG.  
 0 LEAD 6 UG/L ENV. ENG.  
 0 PHENOL 5 UG/L ENV. ENG.  
 0 SELENIUM 2 UG/L ENV. ENG.  
 1 SILICA 5710 UG/L ENV. ENG.  
 0 SULFATE 5000 UG/L ENV. ENG.  
 0 TOTAL DISSOLVED SOLIDS 258000 UG/L ENV. ENG.  
 0 TOTAL ORGANIC CARBON 1000 UG/L ENV. ENG.  
 0 TOTAL ORGANIC HALOGENS 5 UG/L ENV. ENG.  
 0 TOTAL PHOSPHATES 20 UG/L ENV. ENG.

CONTINUED

WELL FSB104C COLLECTED ON 10/15/88 LABORATORY ANALYSES CONTINUED

0 ZINC 30 UG/L ENV. ENG.  
 0 GROSS ALPHA 0.80+-0.71 PCI/L HP, 735A  
 0 GROSS ALPHA 3 PCI/L RAD. MEAS.  
 1 NONVOLATILE BETA 28.80+-2.99 PCI/L HP, 735A  
 1 NONVOLATILE BETA 40.30+-3.72 PCI/L RAD. MEAS.  
 0 TOTAL RADIUM 1 PCI/L RAD. MEAS.  
 2 TRITIUM 1000+-4.30 PCI/ML HP, 735A  
 2 TRITIUM 939+-2.76 PCI/ML RAD. MEAS.

WELL FSB104D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/15/88 TIME 1515  
 DEPTH TO WATER = 16.70 FT ( 5.09 M) BELOW THE TOC  
 WATER ELEVATION = 202.50 FT ( 61.72 M) MSL  
 PH = 3.2 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 1893 UMHOS/CM  
 WATER TEMPERATURE = 20.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 45 GAL

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE 1460 UMHOS ENV. ENG.  
 1 PH 3.53 PH ENV. ENG.  
 0 SILVER 2 UG/L ENV. ENG.  
 2 ARSENIC 54 UG/L ENV. ENG.  
 1 BARIUM 441 UG/L ENV. ENG.  
 0 CADMIUM 5280 UG/L ENV. ENG.  
 0 CHLORIDE 9 UG/L ENV. ENG.  
 0 CHROMIUM 4900 UG/L ENV. ENG.  
 1 COPPER 4 UG/L ENV. ENG.  
 1 FLUORIDE 73 UG/L ENV. ENG.  
 1 IRON 1160 UG/L ENV. ENG.  
 0 MERCURY 190 UG/L ENV. ENG.  
 0 POTASSIUM 0.20 UG/L ENV. ENG.  
 0 MAGNESIUM 1020 UG/L ENV. ENG.  
 2 MANGANESE 4460 UG/L ENV. ENG.  
 1 SODIUM 5550 UG/L ENV. ENG.  
 1 NICKEL 104000 UG/L ENV. ENG.  
 2 NITRATE AS NITROGEN 43 UG/L ENV. ENG.  
 0 LEAD 191000 UG/L ENV. ENG.  
 0 PHENOL 6 UG/L ENV. ENG.  
 0 PHENOL 5 UG/L ENV. ENG.  
 0 SELENIUM 5 UG/L ENV. ENG.  
 1 SILICA 2 UG/L ENV. ENG.  
 0 SULFATE 47100 UG/L ENV. ENG.  
 0 TOTAL DISSOLVED SOLIDS 5000 UG/L ENV. ENG.  
 0 TOTAL DISSOLVED SOLIDS 640000 UG/L ENV. ENG.  
 0 TOTAL DISSOLVED SOLIDS 742000 UG/L ENV. ENG.  
 0 TOTAL ORGANIC CARBON 1800 UG/L ENV. ENG.  
 0 TOTAL ORGANIC HALOGENS 5 UG/L ENV. ENG.  
 0 TOTAL PHOSPHATES 80 UG/L ENV. ENG.  
 0 ZINC 115 UG/L ENV. ENG.  
 2 GROSS ALPHA 171+-9.96 PCI/L HP, 735A  
 2 GROSS ALPHA 1221+-46.3 PCI/L RAD. MEAS.  
 2 NONVOLATILE BETA 79+-14.6 PCI/L HP, 735A  
 2 NONVOLATILE BETA 1380+-34.3 PCI/L RAD. MEAS.  
 2 TOTAL RADIUM 61.60+-3.21 PCI/ML RAD. MEAS.  
 2 TRITIUM 8410+-39.4 PCI/ML HP, 735A  
 2 TRITIUM 7422+-92.2 PCI/ML RAD. MEAS.

WELL FSB105C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/16/88 TIME 1055  
 DEPTH TO WATER = 79.39 FT ( 24.20 M) BELOW THE TOC  
 WATER ELEVATION = 206.41 FT ( 62.91 M) MSL  
 PH = 3.5 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 1716 UMHOS/CM  
 WATER TEMPERATURE = 19.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 186 GAL

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE 1618 UMHOS ENV. ENG.  
 1 SPECIFIC CONDUCTANCE 1561 UMHOS ENV. ENG.  
 1 PH 3.53 PH ENV. ENG.  
 0 SILVER 3.60 PH ENV. ENG.  
 2 ARSENIC 2 UG/L ENV. ENG.  
 2 BARIUM 34 UG/L ENV. ENG.  
 1 CALCIUM 551 UG/L ENV. ENG.  
 2 CADMIUM 21000 UG/L ENV. ENG.  
 0 CHLORIDE 20 UG/L ENV. ENG.  
 0 CHLORIDE 9000 UG/L ENV. ENG.  
 0 CHROMIUM 8500 UG/L ENV. ENG.  
 1 COPPER 4 UG/L ENV. ENG.  
 2 FLUORIDE 77 UG/L ENV. ENG.  
 2 FLUORIDE 8000 UG/L ENV. ENG.  
 0 IRON 8000 UG/L ENV. ENG.  
 0 MERCURY 51 UG/L ENV. ENG.  
 0 POTASSIUM 0.36 UG/L ENV. ENG.  
 1 MAGNESIUM 2130 UG/L ENV. ENG.  
 2 MANGANESE 9080 UG/L ENV. ENG.  
 1 SODIUM 4400 UG/L ENV. ENG.  
 1 NICKEL 105000 UG/L ENV. ENG.  
 2 NITRATE AS NITROGEN 45 UG/L ENV. ENG.  
 0 LEAD 199000 UG/L ENV. ENG.  
 0 PHENOL 6 UG/L ENV. ENG.  
 0 SELENIUM 5 UG/L ENV. ENG.  
 1 SILICA 2 UG/L ENV. ENG.  
 23100 UG/L ENV. ENG.

CONTINUED

WELL FSBI05C COLLECTED ON 10/16/88 LABORATORY ANALYSES CONTINUED

0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	SULFATE	LT	3000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		662000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS		7 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		280 UG/L	ENV. ENG.
0	ZINC		153 UG/L	ENV. ENG.
2	GROSS ALPHA		64.40+-6.12 PCI/L	HP, 735A
2	GROSS ALPHA		410+-27.1 PCI/L	RAD. MEAS.
2	NONVOLATILE BETA		1290+-18.5 PCI/L	HP, 735A
2	NONVOLATILE BETA		2035+-41 PCI/L	RAD. MEAS.
2	TOTAL RADIUM		111+-4.22 PCI/L	RAD. MEAS.
2	TRITIUM		11000+-45.1 PCI/ML	HP, 735A
2	TRITIUM		9337+-105 PCI/ML	RAD. MEAS.

WELL FSBI05D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/16/88 TIME 1040  
 DEPTH TO WATER = 76.33 FT ( 23.27 M) BELOW THE TOC  
 WATER ELEVATION = 209.47 FT ( 63.85 M) MSL  
 PH = 3.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 2760 UMHOS/CM  
 WATER TEMPERATURE = 19.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 1 GAL  
 THE WELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		1395 UMHOS	ENV. ENG.
0	PH		4.05 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
2	ARSENIC		100 UG/L	ENV. ENG.
2	BARIUM		2160 UG/L	ENV. ENG.
1	CALCIUM		62600 UG/L	ENV. ENG.
2	CADMIUM		43 UG/L	ENV. ENG.
0	CHLORIDE		3600 UG/L	ENV. ENG.
1	CHROMIUM		16 UG/L	ENV. ENG.
1	COPPER		75 UG/L	ENV. ENG.
1	FLUORIDE		1810 UG/L	ENV. ENG.
2	IRON		25800 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
1	POTASSIUM		8610 UG/L	ENV. ENG.
1	MAGNESIUM		23200 UG/L	ENV. ENG.
2	MANGANESE		4760 UG/L	ENV. ENG.
1	SODIUM		104000 UG/L	ENV. ENG.
1	NICKEL		174 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN		197000 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN		196000 UG/L	ENV. ENG.
2	LEAD		701 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		23500 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		796000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON		1200 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		110 UG/L	ENV. ENG.
1	ZINC		998 UG/L	ENV. ENG.
2	GROSS ALPHA		40.30+-4.93 PCI/L	HP, 735A
2	GROSS ALPHA		472+-28.9 PCI/L	RAD. MEAS.
2	NONVOLATILE BETA		566+-12.3 PCI/L	HP, 735A
2	NONVOLATILE BETA		4273+-58.9 PCI/L	RAD. MEAS.
2	TOTAL RADIUM		53.10+-2.94 PCI/L	RAD. MEAS.
2	TRITIUM		27200+-70.7 PCI/ML	HP, 735A
2	TRITIUM		13737+-130 PCI/ML	RAD. MEAS.

WELL FSBI06C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/08/88 TIME 1805  
 DEPTH TO WATER = 34.73 FT ( 10.59 M) BELOW THE TOC  
 WATER ELEVATION = 200.57 FT ( 61.07 M) MSL  
 PH = 6.9 ALKALINITY = 4 MG/L  
 SPECIFIC CONDUCTANCE = 671 UMHOS/CM  
 WATER TEMPERATURE = 18.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 132 GAL

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		610.0 UMHOS	ENV. ENG.
0	PH		5.13 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
1	BARIUM		235 UG/L	ENV. ENG.
1	CALCIUM		46500 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		8500 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER		16 UG/L	ENV. ENG.
1	FLUORIDE		550 UG/L	ENV. ENG.
0	IRON		32 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	POTASSIUM		1630 UG/L	ENV. ENG.
1	MAGNESIUM		8230 UG/L	ENV. ENG.
2	MANGANESE		1620 UG/L	ENV. ENG.
1	SODIUM		52400 UG/L	ENV. ENG.
1	NICKEL		21 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN		76700 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.

CONTINUED

WELL FSBI06C COLLECTED ON 10/08/88 LABORATORY ANALYSES CONTINUED

0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		7300 UG/L	ENV. ENG.
0	SULFATE		8400 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		472000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS		5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		90 UG/L	ENV. ENG.
0	ZINC		46 UG/L	ENV. ENG.
2	GROSS ALPHA		16.70+-3.16 PCI/L	HP, 735A
2	GROSS ALPHA		54.60+-6.91 PCI/L	RAD. MEAS.
2	GROSS ALPHA		51.50+-6.70 PCI/L	RAD. MEAS.
2	NONVOLATILE BETA		1290+-18.5 PCI/L	HP, 735A
2	NONVOLATILE BETA		1663+-21.4 PCI/L	RAD. MEAS.
2	NONVOLATILE BETA		1570+-20.8 PCI/L	RAD. MEAS.
2	TOTAL RADIUM		25.10+-1.88 PCI/L	RAD. MEAS.
2	TOTAL RADIUM		25.60+-1.85 PCI/L	RAD. MEAS.
2	TRITIUM		2770+-7.31 PCI/ML	HP, 735A
2	TRITIUM		2420+-30.7 PCI/ML	RAD. MEAS.
2	TRITIUM		2287+-30 PCI/ML	RAD. MEAS.

WELL FSBI07C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/23/88 TIME 1125  
 DEPTH TO WATER = 61.93 FT ( 18.88 M) BELOW THE TOC  
 WATER ELEVATION = 208.97 FT ( 63.69 M) MSL  
 PH = 7.1 ALKALINITY = 71 MG/L  
 SPECIFIC CONDUCTANCE = 235 UMHOS/CM  
 WATER TEMPERATURE = 19.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 168 GAL

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		217.0 UMHOS	ENV. ENG.
1	PH		7.41 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		24 UG/L	ENV. ENG.
1	CALCIUM		25400 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		3900 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER		15 UG/L	ENV. ENG.
0	FLUORIDE		110 UG/L	ENV. ENG.
0	FLUORIDE		110 UG/L	ENV. ENG.
0	IRON	LT	20 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	POTASSIUM		1130 UG/L	ENV. ENG.
0	MAGNESIUM		1680 UG/L	ENV. ENG.
1	MANGANESE		45 UG/L	ENV. ENG.
1	SODIUM		8090 UG/L	ENV. ENG.
0	NICKEL		6 UG/L	ENV. ENG.
1	NITRATE AS NITROGEN		7250 UG/L	ENV. ENG.
0	LEAD		7 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		3500 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		258000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS		9 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		40 UG/L	ENV. ENG.
0	ZINC		36 UG/L	ENV. ENG.
0	GROSS ALPHA		0.43+-0.52 PCI/L	HP, 735A
1	GROSS ALPHA		8.12+-2.04 PCI/L	RAD. MEAS.
1	NONVOLATILE BETA		30.70+-3.43 PCI/L	HP, 735A
1	NONVOLATILE BETA		35.00+-2.60 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT	1 PCI/L	RAD. MEAS.
2	TRITIUM		205+-2.02 PCI/ML	HP, 735A
2	TRITIUM		196+-2.52 PCI/ML	RAD. MEAS.

WELL FSBI07D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/23/88 TIME 1050  
 DEPTH TO WATER = 58.65 FT ( 17.88 M) BELOW THE TOC  
 WATER ELEVATION = 212.35 FT ( 64.73 M) MSL  
 PH = 3.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 635 UMHOS/CM  
 WATER TEMPERATURE = 19.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 45 GAL

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		630.0 UMHOS	ENV. ENG.
0	PH		4.09 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
1	BARIUM		212 UG/L	ENV. ENG.
0	CALCIUM		6820 UG/L	ENV. ENG.
2	CADMIUM		6 UG/L	ENV. ENG.
0	CHLORIDE		2100 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
1	COPPER		46 UG/L	ENV. ENG.
1	FLUORIDE		710 UG/L	ENV. ENG.
2	IRON		352 UG/L	ENV. ENG.
2	MERCURY		2.71 UG/L	ENV. ENG.
0	POTASSIUM		1150 UG/L	ENV. ENG.
0	MAGNESIUM		2760 UG/L	ENV. ENG.
2	MANGANESE		856 UG/L	ENV. ENG.
1	SODIUM		54100 UG/L	ENV. ENG.

CONTINUED

WELL FSB107D COLLECTED ON 10/23/88 LABORATORY ANALYSES CONTINUED

1	NICKEL		19 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN		64100 UG/L	ENV. ENG.
0	LEAD		11 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		7940 UG/L	ENV. ENG.
0	SULFATE	LT	8090 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		5000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	448000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS		1000 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	6 UG/L	ENV. ENG.
0	ZINC		20 UG/L	ENV. ENG.
2	GROSS ALPHA		67 UG/L	ENV. ENG.
2	GROSS ALPHA		87.00+-5.76 PCI/L	HP, 735A
2	NONVOLATILE BETA		292+-14.7 PCI/L	RAD. MEAS.
2	NONVOLATILE BETA		1080+-17.1 PCI/L	HP, 735A
2	TOTAL RADIUM		184+-20.2 PCI/L	RAD. MEAS.
2	TRITIUM		21.30+-1.84 PCI/L	RAD. MEAS.
2	TRITIUM		4270+-28.9 PCI/ML	HP, 735A
2	TRITIUM		3460+-74.3 PCI/ML	RAD. MEAS.

WELL FSB108D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/09/88 TIME 1020  
 DEPTH TO WATER = 81.97 FT ( 24.98 M) BELOW THE TOC  
 WATER ELEVATION = 216.03 FT ( 65.85 M) MSL  
 PH = 6.6 ALKALINITY = 18 MG/L  
 SPECIFIC CONDUCTANCE = 74 UMHOS/CM  
 WATER TEMPERATURE = 18.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 3 GAL  
 THE WELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		74.00 UMHOS	ENV. ENG.
0	PH		6.45 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		20 UG/L	ENV. ENG.
0	CALCIUM		5770 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		3800 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER		4 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	IRON		24 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	POTASSIUM	LT	500 UG/L	ENV. ENG.
0	MAGNESIUM		295 UG/L	ENV. ENG.
0	MANGANESE		8 UG/L	ENV. ENG.
0	SODIUM		4700 UG/L	ENV. ENG.
0	NICKEL		7 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		1500 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		6700 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		80000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	ZINC		17 UG/L	ENV. ENG.
0	GROSS ALPHA		1.51+-0.84 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		1.50+-0.83 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT	1 PCI/L	RAD. MEAS.
1	TRITIUM		10.60+-0.46 PCI/ML	RAD. MEAS.

WELL FSB109D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/22/88 TIME 1330  
 DEPTH TO WATER = 80.45 FT ( 24.52 M) BELOW THE TOC  
 WATER ELEVATION = 212.67 FT ( 64.82 M) MSL  
 PH = 8.5 ALKALINITY = 8 MG/L  
 SPECIFIC CONDUCTANCE = 185 UMHOS/CM  
 WATER TEMPERATURE = 21.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 18 GAL

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		195.0 UMHOS	ENV. ENG.
1	SPECIFIC CONDUCTANCE		186.0 UMHOS	ENV. ENG.
0	PH		5.74 PH	ENV. ENG.
0	PH		5.79 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		16 UG/L	ENV. ENG.
0	BROMODICHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0	CALCIUM		2780 UG/L	ENV. ENG.
0	TRICHLOROFLUOROMETHANE	LT	5 UG/L	ENV. ENG.
0	CARBON TETRACHLORIDE	LT	5.00 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	BROMOFORM	LT	10 UG/L	ENV. ENG.
0	CHLOROFORM	LT	5 UG/L	ENV. ENG.
0	METHYLENE CHLORIDE	LT	5 UG/L	ENV. ENG.
0	BROMOMETHANE	LT	10 UG/L	ENV. ENG.
0	CHLOROMETHANE	LT	10 UG/L	ENV. ENG.
0	CHLORIDE		3000 UG/L	ENV. ENG.
0	CHLOROBENZENE	LT	5 UG/L	ENV. ENG.

CONTINUED

WELL FSB109D COLLECTED ON 10/22/88 LABORATORY ANALYSES CONTINUED

0	CHROMIUM		4 UG/L	ENV. ENG.
0	COPPER		15 UG/L	ENV. ENG.
0	CHLOROETHENE	LT	10 UG/L	ENV. ENG.
0	CHLOROETHANE	LT	10 UG/L	ENV. ENG.
1	BENZENE		19 UG/L	ENV. ENG.
0	DIBROMOCHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0	ETHYLBENZENE	LT	5 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	IRON		25 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	POTASSIUM		433 UG/L	ENV. ENG.
0	TOLUENE	LT	5 UG/L	ENV. ENG.
0	MAGNESIUM		1420 UG/L	ENV. ENG.
0	MANGANESE		18 UG/L	ENV. ENG.
1	SODIUM		24800 UG/L	ENV. ENG.
1	NICKEL		18 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN		18100 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		3840 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	1,1,2,2-TETRACHLOROETHANE	LT	10 UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	LT	5.00 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		254000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
2	TOTAL ORGANIC HALOGENS		36 UG/L	ENV. ENG.
2	TOTAL ORGANIC HALOGENS		32 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	TRICHLOROETHYLENE	LT	5.00 UG/L	ENV. ENG.
0	TRANS-1,2-DICHLOROETHENE	LT	5 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	5 UG/L	ENV. ENG.
0	1,1-DICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,1,1-TRICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,1,2-TRICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,2-DICHLOROETHANE	LT	1 UG/L	ENV. ENG.
0	1,2-DICHLOROPROPANE	LT	10 UG/L	ENV. ENG.
0	CIS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0	TRANS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0	2-CHLOROETHYL VINYL ETHER	LT	10 UG/L	ENV. ENG.
0	ZINC		67 UG/L	ENV. ENG.
0	ZINC		53 UG/L	ENV. ENG.
0	GROSS ALPHA		0.74+-0.64 PCI/L	HP, 735A
1	GROSS ALPHA		6.31+-1.62 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		9.91+-2.24 PCI/L	HP, 735A
1	NONVOLATILE BETA		11.20+-1.59 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT	1 PCI/L	RAD. MEAS.
2	TRITIUM		845+-4.04 PCI/ML	HP, 735A
2	TRITIUM		827+-4.89 PCI/ML	RAD. MEAS.

WELL FSB110C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/22/88 TIME 1225  
 DEPTH TO WATER = 33.82 FT ( 10.31 M) BELOW THE TOC  
 WATER ELEVATION = 200.18 FT ( 61.02 M) MSL  
 PH = 9.3 ALKALINITY = 30 MG/L  
 SPECIFIC CONDUCTANCE = 337 UMHOS/CM  
 WATER TEMPERATURE = 20.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 182 GAL

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		298.0 UMHOS	ENV. ENG.
2	PH		9.18 PH	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER		25 UG/L	ENV. ENG.
0	IRON	LT	20 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	MANGANESE		6 UG/L	ENV. ENG.
1	SODIUM		18700 UG/L	ENV. ENG.
1	NICKEL		43 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN		26700 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
1	TOTAL ORGANIC HALOGENS		22 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		20 UG/L	ENV. ENG.
0	ZINC		97 UG/L	ENV. ENG.
0	GROSS ALPHA		0.43+-0.52 PCI/L	HP, 735A
1	GROSS ALPHA		5.51+-1.88 PCI/L	RAD. MEAS.
1	NONVOLATILE BETA		34.50+-3.60 PCI/L	HP, 735A
1	NONVOLATILE BETA		17.00+-1.98 PCI/L	RAD. MEAS.
2	TRITIUM		867+-4.09 PCI/ML	HP, 735A
2	TRITIUM		816+-5.13 PCI/ML	RAD. MEAS.

## WELL FSB1100

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/22/88 TIME 1050  
 DEPTH TO WATER = 30.52 FT ( 9.30 M) BELOW THE TOC  
 WATER ELEVATION = 203.98 FT ( 62.17 M) MSL  
 PH = 3.0 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 3870 UMHOS/CM  
 WATER TEMPERATURE = 19.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 50 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	3514 UMHG	ENV. ENG.
1	PH	3.21 PH	ENV. ENG.
0	SILVER	2 UG/L	ENV. ENG.
0	ARSENIC	130 UG/L	ENV. ENG.
1	BARIUM	272 UG/L	ENV. ENG.
0	CALCIUM	4620 UG/L	ENV. ENG.
0	CADMIUM	2 UG/L	ENV. ENG.
0	CHLORIDE	1000 UG/L	ENV. ENG.
1	CHROMIUM	17 UG/L	ENV. ENG.
1	COPPER	143 UG/L	ENV. ENG.
1	FLUORIDE	520 UG/L	ENV. ENG.
2	IRON	747 UG/L	ENV. ENG.
2	MERCURY	1.25 UG/L	ENV. ENG.
0	POTASSIUM	2490 UG/L	ENV. ENG.
0	MAGNESIUM	1550 UG/L	ENV. ENG.
2	MANGANESE	2140 UG/L	ENV. ENG.
1	SODIUM	123000 UG/L	ENV. ENG.
1	NICKEL	70 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN	545000 UG/L	ENV. ENG.
0	LEAD	6 UG/L	ENV. ENG.
1	PHENOL	40 UG/L	ENV. ENG.
0	SELENIUM	2 UG/L	ENV. ENG.
1	SILICA	73000 UG/L	ENV. ENG.
0	SULFATE	10000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	1740000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	1578000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	3600 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	6 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	130 UG/L	ENV. ENG.
1	ZINC	256 UG/L	ENV. ENG.
2	GROSS ALPHA	223+-11.7 PCI/L	HP, 735A
2	GROSS ALPHA	959+- 65 PCI/L	RAD. MEAS.
2	NONVOLATILE BETA	1200+-22.8 PCI/L	HP, 735A
2	NONVOLATILE BETA	3095+-70.5 PCI/L	RAD. MEAS.
2	TOTAL RADIUM	30.70+-2.25 PCI/L	RAD. MEAS.
2	TRITIUM	38500+-86.1 PCI/ML	HP, 735A
2	TRITIUM	34599+- 207 PCI/ML	RAD. MEAS.

## WELL FSB111C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/22/88 TIME 1540  
 DEPTH TO WATER = 65.53 FT ( 19.97 M) BELOW THE TOC  
 WATER ELEVATION = 210.77 FT ( 64.24 M) MSL  
 PH = 5.4 ALKALINITY = 9 MG/L  
 SPECIFIC CONDUCTANCE = 68 UMHOS/CM  
 WATER TEMPERATURE = 19.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 150 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	71.60 UMHG	ENV. ENG.
0	PH	5.78 PH	ENV. ENG.
0	SILVER	2 UG/L	ENV. ENG.
0	ARSENIC	2 UG/L	ENV. ENG.
0	BARIUM	7 UG/L	ENV. ENG.
0	CALCIUM	5490 UG/L	ENV. ENG.
0	CADMIUM	2 UG/L	ENV. ENG.
0	CHLORIDE	6200 UG/L	ENV. ENG.
0	CHROMIUM	4 UG/L	ENV. ENG.
0	COPPER	4 UG/L	ENV. ENG.
0	FLUORIDE	100 UG/L	ENV. ENG.
0	IRON	20 UG/L	ENV. ENG.
0	MERCURY	0.20 UG/L	ENV. ENG.
0	POTASSIUM	500 UG/L	ENV. ENG.
0	MAGNESIUM	401 UG/L	ENV. ENG.
0	MANGANESE	13 UG/L	ENV. ENG.
0	SODIUM	3540 UG/L	ENV. ENG.
0	NICKEL	4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	1750 UG/L	ENV. ENG.
0	LEAD	6 UG/L	ENV. ENG.
0	PHENOL	5 UG/L	ENV. ENG.
0	SELENIUM	2 UG/L	ENV. ENG.
1	SILICA	4780 UG/L	ENV. ENG.
0	SULFATE	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	64000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
1	TOTAL ORGANIC HALOGENS	12 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	140 UG/L	ENV. ENG.
0	ZINC	7 UG/L	ENV. ENG.
0	GROSS ALPHA	3 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	2 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	1 PCI/L	RAD. MEAS.
0	TRITIUM	5.35+-0.29 PCI/ML	RAD. MEAS.

## WELL FSB1110

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/22/88 TIME 1615  
 DEPTH TO WATER = 63.01 FT ( 19.21 M) BELOW THE TOC  
 WATER ELEVATION = 213.59 FT ( 65.10 M) MSL  
 PH = 4.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 44 UMHOS/CM  
 WATER TEMPERATURE = 19.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 47 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	149.0 UMHG	ENV. ENG.
1	SPECIFIC CONDUCTANCE	138.0 UMHG	ENV. ENG.
0	PH	5.08 PH	ENV. ENG.
0	PH	5.09 PH	ENV. ENG.
0	SILVER	2 UG/L	ENV. ENG.
0	ARSENIC	2 UG/L	ENV. ENG.
0	BARIUM	20 UG/L	ENV. ENG.
0	CALCIUM	2440 UG/L	ENV. ENG.
0	CADMIUM	2 UG/L	ENV. ENG.
0	CHLORIDE	4200 UG/L	ENV. ENG.
0	CHROMIUM	4 UG/L	ENV. ENG.
0	COPPER	4 UG/L	ENV. ENG.
0	FLUORIDE	100 UG/L	ENV. ENG.
0	IRON	30 UG/L	ENV. ENG.
0	MERCURY	0.20 UG/L	ENV. ENG.
0	POTASSIUM	500 UG/L	ENV. ENG.
0	MAGNESIUM	744 UG/L	ENV. ENG.
2	MANGANESE	55 UG/L	ENV. ENG.
0	SODIUM	3120 UG/L	ENV. ENG.
1	NICKEL	9 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	2240 UG/L	ENV. ENG.
0	LEAD	6 UG/L	ENV. ENG.
0	PHENOL	5 UG/L	ENV. ENG.
0	PHENOL	5 UG/L	ENV. ENG.
0	SELENIUM	2 UG/L	ENV. ENG.
1	SILICA	3920 UG/L	ENV. ENG.
0	SULFATE	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	48000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
1	TOTAL ORGANIC HALOGENS	12 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	20 UG/L	ENV. ENG.
0	ZINC	34 UG/L	ENV. ENG.
0	GROSS ALPHA	1.67+-0.88 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	8.99+-1.26 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	1 PCI/L	RAD. MEAS.
0	TRITIUM	6.64+-0.31 PCI/ML	RAD. MEAS.

## WELL FSS 10

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/08/88 TIME 1205  
 DEPTH TO WATER = 44.31 FT ( 13.51 M) BELOW THE TOC  
 WATER ELEVATION = 221.73 FT ( 67.58 M) MSL  
 PH = 12.0 ALKALINITY = 232 MG/L  
 SPECIFIC CONDUCTANCE = 1900 UMHOS/CM  
 WATER TEMPERATURE = 20.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 9 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	1650 UMHG	ENV. ENG.
2	PH	11.5 PH	ENV. ENG.
0	SILVER	2 UG/L	ENV. ENG.
0	ARSENIC	2 UG/L	ENV. ENG.
0	BARIUM	14 UG/L	ENV. ENG.
1	CALCIUM	97600 UG/L	ENV. ENG.
0	CADMIUM	2 UG/L	ENV. ENG.
0	CHLORIDE	2100 UG/L	ENV. ENG.
0	CHROMIUM	4 UG/L	ENV. ENG.
1	COPPER	23 UG/L	ENV. ENG.
0	ENDRIN	0.10 UG/L	ENV. ENG.
0	ENDRIN	0.10 UG/L	ENV. ENG.
0	FLUORIDE	200 UG/L	ENV. ENG.
0	IRON	20 UG/L	ENV. ENG.
0	MERCURY	0.20 UG/L	ENV. ENG.
1	POTASSIUM	9660 UG/L	ENV. ENG.
0	LINDANE	0.05 UG/L	ENV. ENG.
0	LINDANE	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	0.50 UG/L	ENV. ENG.
0	METHOXYCHLOR	0.50 UG/L	ENV. ENG.
0	MAGNESIUM	20 UG/L	ENV. ENG.
1	MANGANESE	2 UG/L	ENV. ENG.
1	SODIUM	11100 UG/L	ENV. ENG.
0	NICKEL	4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	50 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	440 UG/L	ENV. ENG.
0	LEAD	6 UG/L	ENV. ENG.
1	PHENOL	15 UG/L	ENV. ENG.
0	SELENIUM	2 UG/L	ENV. ENG.
1	SILICA	4320 UG/L	ENV. ENG.
0	SILVEX	0.09 UG/L	ENV. ENG.
0	SULFATE	8700 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	484000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	2100 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	6 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	6 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	20 UG/L	ENV. ENG.
0	TOXAPHENE	1 UG/L	ENV. ENG.
0	TOXAPHENE	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	0.30 UG/L	ENV. ENG.
0	GROSS ALPHA	0.54+-0.55 PCI/L	HP, 735A
0	GROSS ALPHA	3 PCI/L	RAD. MEAS.

CONTINUED

## WELL FSS 10 COLLECTED ON 12/08/88 LABORATORY ANALYSES CONTINUED

0 NONVOLATILE BETA 2.56+-1.13 PCI/L HP, 735A  
 0 NONVOLATILE BETA LT 2 PCI/L RAD. MEAS.  
 0 TOTAL RADIUM 0.68+-0.51 PCI/L RAD. MEAS.  
 0 TRITIUM 6.75+-0.55 PCI/ML HP, 735A  
 0 TRITIUM 4.86+-0.30 PCI/ML RAD. MEAS.

## WELL FSS 20

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/08/88 TIME 1140  
 DEPTH TO WATER = 40.48 FT ( 12.34 M) BELOW THE TOC  
 WATER ELEVATION = 221.14 FT ( 67.40 M) MSL  
 PH = 5.8 ALKALINITY = 8 MG/L  
 SPECIFIC CONDUCTANCE = 56 UMHS/CM  
 WATER TEMPERATURE = 19.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 12 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

0 SPECIFIC CONDUCTANCE 58.10 UMHC ENV. ENG.  
 0 PH 5.48 PH ENV. ENG.  
 0 SILVER LT 2 UG/L ENV. ENG.  
 0 ARSENIC LT 2 UG/L ENV. ENG.  
 0 BARIUM 12 UG/L ENV. ENG.  
 0 CALCIUM 3610 UG/L ENV. ENG.  
 0 CADMIUM LT 2 UG/L ENV. ENG.  
 0 CHLORIDE 2400 UG/L ENV. ENG.  
 0 CHROMIUM LT 4 UG/L ENV. ENG.  
 0 COPPER LT 4 UG/L ENV. ENG.  
 0 ENDORIN LT 0.10 UG/L ENV. ENG.  
 0 FLUORIDE LT 100 UG/L ENV. ENG.  
 1 IRON 213 UG/L ENV. ENG.  
 0 MERCURY LT 0.20 UG/L ENV. ENG.  
 0 POTASSIUM 602 UG/L ENV. ENG.  
 0 LINDANE LT 0.05 UG/L ENV. ENG.  
 0 METHOXYCHLOR LT 0.50 UG/L ENV. ENG.  
 0 MAGNESIUM 300 UG/L ENV. ENG.  
 2 MANGANESE 229 UG/L ENV. ENG.  
 1 SODIUM 5850 UG/L ENV. ENG.  
 1 NICKEL 10 UG/L ENV. ENG.  
 0 NITRITE AS NITROGEN LT 50 UG/L ENV. ENG.  
 0 NITRATE AS NITROGEN 700 UG/L ENV. ENG.  
 0 LEAD LT 6 UG/L ENV. ENG.  
 0 PHENOL LT 5 UG/L ENV. ENG.  
 0 SELENIUM LT 2 UG/L ENV. ENG.  
 1 SILICA 9660 UG/L ENV. ENG.  
 0 SILVEX LT 0.09 UG/L ENV. ENG.  
 0 SULFATE 6200 UG/L ENV. ENG.  
 0 TOTAL DISSOLVED SOLIDS 58000 UG/L ENV. ENG.  
 0 TOTAL ORGANIC CARBON LT 1000 UG/L ENV. ENG.  
 0 TOTAL ORGANIC HALOGENS LT 5 UG/L ENV. ENG.  
 0 TOTAL PHOSPHATES 40 UG/L ENV. ENG.  
 0 TOXAPHENE LT 1 UG/L ENV. ENG.  
 0 2,4-DICHLOROPHENOXACETIC ACID LT 0.30 UG/L ENV. ENG.  
 0 GROSS ALPHA 2.77+-1.13 PCI/L HP, 735A  
 0 GROSS ALPHA 2.25+-0.81 PCI/L RAD. MEAS.  
 0 NONVOLATILE BETA 3.26+-1.21 PCI/L HP, 735A  
 0 NONVOLATILE BETA LT 2 PCI/L RAD. MEAS.  
 0 TOTAL RADIUM 0.65+-0.54 PCI/L RAD. MEAS.  
 2 TRITIUM 486+-3.13 PCI/ML HP, 735A  
 2 TRITIUM 487+-3.69 PCI/ML RAD. MEAS.

## WELL FSS 30

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/08/88 TIME 1120  
 DEPTH TO WATER = 39.44 FT ( 12.02 M) BELOW THE TOC  
 WATER ELEVATION = 218.74 FT ( 66.67 M) MSL  
 PH = 5.6 ALKALINITY = 5 MG/L  
 SPECIFIC CONDUCTANCE = 42 UMHS/CM  
 WATER TEMPERATURE = 19.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 9 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

0 SPECIFIC CONDUCTANCE 65.80 UMHC ENV. ENG.  
 0 PH 5.31 PH ENV. ENG.  
 0 SILVER LT 2 UG/L ENV. ENG.  
 0 ARSENIC LT 2 UG/L ENV. ENG.  
 0 BARIUM 14 UG/L ENV. ENG.  
 0 BARIUM 14 UG/L ENV. ENG.  
 0 CALCIUM 2180 UG/L ENV. ENG.  
 0 CADMIUM LT 2 UG/L ENV. ENG.  
 0 CADMIUM LT 2 UG/L ENV. ENG.  
 0 CHLORIDE 3300 UG/L ENV. ENG.  
 0 CHROMIUM LT 4 UG/L ENV. ENG.  
 0 CHROMIUM LT 4 UG/L ENV. ENG.  
 0 COPPER LT 4 UG/L ENV. ENG.  
 0 COPPER LT 4 UG/L ENV. ENG.  
 0 ENDORIN LT 0.10 UG/L ENV. ENG.  
 0 FLUORIDE LT 100 UG/L ENV. ENG.  
 0 IRON 57 UG/L ENV. ENG.  
 0 IRON 63 UG/L ENV. ENG.  
 0 MERCURY 0.33 UG/L ENV. ENG.  
 0 POTASSIUM 786 UG/L ENV. ENG.  
 0 POTASSIUM LT 500 UG/L ENV. ENG.  
 0 LINDANE LT 0.05 UG/L ENV. ENG.  
 0 METHOXYCHLOR LT 0.50 UG/L ENV. ENG.  
 0 MAGNESIUM 883 UG/L ENV. ENG.  
 0 MAGNESIUM 820 UG/L ENV. ENG.  
 2 MANGANESE 76 UG/L ENV. ENG.

## WELL FSS 30 COLLECTED ON 12/08/88 LABORATORY ANALYSES CONTINUED

2 MANGANESE 76 UG/L ENV. ENG.  
 1 SODIUM 5010 UG/L ENV. ENG.  
 0 SODIUM 4840 UG/L ENV. ENG.  
 1 NICKEL 9 UG/L ENV. ENG.  
 1 NICKEL 9 UG/L ENV. ENG.  
 0 NITRITE AS NITROGEN LT 50 UG/L ENV. ENG.  
 0 NITRITE AS NITROGEN LT 50 UG/L ENV. ENG.  
 0 NITRATE AS NITROGEN 1060 UG/L ENV. ENG.  
 0 NITRATE AS NITROGEN 1060 UG/L ENV. ENG.  
 0 LEAD 18 UG/L ENV. ENG.  
 0 LEAD 20 UG/L ENV. ENG.  
 1 PHENOL 10 UG/L ENV. ENG.  
 0 SELENIUM LT 2 UG/L ENV. ENG.  
 1 SILICA 7940 UG/L ENV. ENG.  
 0 SILVEX LT 0.09 UG/L ENV. ENG.  
 0 SULFATE 7400 UG/L ENV. ENG.  
 0 TOTAL DISSOLVED SOLIDS 60000 UG/L ENV. ENG.  
 0 TOTAL ORGANIC CARBON LT 1000 UG/L ENV. ENG.  
 1 TOTAL ORGANIC HALOGENS 15 UG/L ENV. ENG.  
 0 TOTAL PHOSPHATES LT 20 UG/L ENV. ENG.  
 0 TOTAL PHOSPHATES LT 20 UG/L ENV. ENG.  
 0 TOXAPHENE LT 1 UG/L ENV. ENG.  
 0 2,4-DICHLOROPHENOXACETIC ACID LT 0.30 UG/L ENV. ENG.  
 0 GROSS ALPHA 1.29+-0.74 PCI/L HP, 735A  
 0 GROSS ALPHA 3.20+-0.97 PCI/L RAD. MEAS.  
 0 NONVOLATILE BETA 2.43+-1.08 PCI/L HP, 735A  
 0 NONVOLATILE BETA 1.71+-0.92 PCI/L RAD. MEAS.  
 0 TOTAL RADIUM 0.82+-0.65 PCI/L RAD. MEAS.  
 2 TRITIUM 128+-1.64 PCI/ML HP, 735A  
 2 TRITIUM 128+-1.99 PCI/ML RAD. MEAS.

## WELL FSS 40

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/08/88 TIME 1100  
 DEPTH TO WATER = 75.69 FT ( 23.07 M) BELOW THE TOC  
 WATER ELEVATION = 216.07 FT ( 65.86 M) MSL  
 PH = 5.0 ALKALINITY = 2 MG/L  
 SPECIFIC CONDUCTANCE = 53 UMHS/CM  
 WATER TEMPERATURE = 19.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 22 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

0 SPECIFIC CONDUCTANCE 51.50 UMHC ENV. ENG.  
 0 PH 4.65 PH ENV. ENG.  
 0 SILVER LT 2 UG/L ENV. ENG.  
 0 SILVER LT 2 UG/L ENV. ENG.  
 0 ARSENIC LT 2 UG/L ENV. ENG.  
 0 ARSENIC LT 2 UG/L ENV. ENG.  
 0 BARIUM 10 UG/L ENV. ENG.  
 0 CALCIUM 2670 UG/L ENV. ENG.  
 0 CADMIUM LT 2 UG/L ENV. ENG.  
 0 CHLORIDE 4000 UG/L ENV. ENG.  
 0 CHROMIUM LT 4 UG/L ENV. ENG.  
 0 COPPER LT 4 UG/L ENV. ENG.  
 0 ENDORIN LT 0.10 UG/L ENV. ENG.  
 0 FLUORIDE LT 100 UG/L ENV. ENG.  
 0 IRON 24 UG/L ENV. ENG.  
 0 MERCURY LT 0.20 UG/L ENV. ENG.  
 0 POTASSIUM 556 UG/L ENV. ENG.  
 0 LINDANE LT 0.05 UG/L ENV. ENG.  
 0 METHOXYCHLOR LT 0.50 UG/L ENV. ENG.  
 0 MAGNESIUM 881 UG/L ENV. ENG.  
 1 MANGANESE 28 UG/L ENV. ENG.  
 0 SODIUM 4460 UG/L ENV. ENG.  
 0 NICKEL 4 UG/L ENV. ENG.  
 0 NITRITE AS NITROGEN LT 50 UG/L ENV. ENG.  
 1 NITRATE AS NITROGEN 3330 UG/L ENV. ENG.  
 0 LEAD LT 6 UG/L ENV. ENG.  
 0 PHENOL LT 5 UG/L ENV. ENG.  
 0 SELENIUM LT 2 UG/L ENV. ENG.  
 1 SILICA 8820 UG/L ENV. ENG.  
 0 SILVEX LT 0.09 UG/L ENV. ENG.  
 0 SULFATE LT 5000 UG/L ENV. ENG.  
 0 TOTAL DISSOLVED SOLIDS 60000 UG/L ENV. ENG.  
 0 TOTAL ORGANIC CARBON LT 1000 UG/L ENV. ENG.  
 0 TOTAL ORGANIC HALOGENS LT 5 UG/L ENV. ENG.  
 0 TOTAL PHOSPHATES LT 40 UG/L ENV. ENG.  
 0 TOXAPHENE LT 1 UG/L ENV. ENG.  
 0 2,4-DICHLOROPHENOXACETIC ACID LT 0.30 UG/L ENV. ENG.  
 0 GROSS ALPHA 0.81+-0.60 PCI/L HP, 735A  
 0 GROSS ALPHA 1.17+-0.85 PCI/L RAD. MEAS.  
 0 NONVOLATILE BETA 1.05+-0.86 PCI/L HP, 735A  
 0 NONVOLATILE BETA LT 2 PCI/L RAD. MEAS.  
 0 TOTAL RADIUM LT 1 PCI/L RAD. MEAS.  
 0 TRITIUM 7.49+-0.56 PCI/ML HP, 735A  
 0 TRITIUM 5.83+-0.32 PCI/ML RAD. MEAS.

## WELL FTF 1

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/05/88 TIME 745  
THE WELL WAS DRY.

## WELL FTF 2

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/05/88 TIME 750  
DEPTH TO WATER = 57.20 FT ( 17.43 M) BELOW THE TOC  
WATER ELEVATION = 224.10 FT ( 68.31 M) MSL  
THE WELL IS PUMPING DRY BEFORE SAMPLING CAN BE DONE.

## WELL FTF 3

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/05/88 TIME 800  
DEPTH TO WATER = 56.00 FT ( 17.07 M) BELOW THE TOC  
WATER ELEVATION = 224.00 FT ( 68.28 M) MSL  
PH = 6.6  
SPECIFIC CONDUCTANCE = 105 UMHOS/CM  
WATER TEMPERATURE = 25.4 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	110.0 UMMC	ENV. ENG.
0	PH	6.44 PH	ENV. ENG.
1	SODIUM	6050 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	60 UG/L	ENV. ENG.
0	GROSS ALPHA	3.63+-0.97 PCI/L	HP, 735A
0	GROSS ALPHA	1.51+-0.86 PCI/L	HP, 735A
0	NONVOLATILE BETA	4.02+-0.97 PCI/L	HP, 735A
0	TRITIUM	3.42+-0.50 PCI/ML	HP, 735A

## WELL FTF 4

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/05/88 TIME 810  
DEPTH TO WATER = 54.00 FT ( 16.46 M) BELOW THE TOC  
WATER ELEVATION = 224.50 FT ( 68.43 M) MSL  
PH = 7.0  
SPECIFIC CONDUCTANCE = 155 UMHOS/CM  
WATER TEMPERATURE = 23.0 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	148.0 UMMC	ENV. ENG.
0	PH	6.35 PH	ENV. ENG.
1	SODIUM	7450 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	880 UG/L	ENV. ENG.
0	GROSS ALPHA	1.52+-0.87 PCI/L	HP, 735A
0	NONVOLATILE BETA	8.13+-1.41 PCI/L	HP, 735A
0	TRITIUM	3.83+-0.51 PCI/ML	HP, 735A

## WELL FTF 5

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/05/88 TIME 815  
DEPTH TO WATER = 53.20 FT ( 16.22 M) BELOW THE TOC  
WATER ELEVATION = 224.10 FT ( 68.31 M) MSL  
PH = 7.5  
SPECIFIC CONDUCTANCE = 408 UMHOS/CM  
WATER TEMPERATURE = 23.5 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	480.0 UMMC	ENV. ENG.
1	PH	7.31 PH	ENV. ENG.
1	SODIUM	27600 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	1390 UG/L	ENV. ENG.
0	GROSS ALPHA	0.49+-0.53 PCI/L	HP, 735A
2	NONVOLATILE BETA	355+-26.7 PCI/L	HP, 735A
2	TRITIUM	34.72+-0.92 PCI/ML	HP, 735A

## WELL FTF 6

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/05/88 TIME 830  
DEPTH TO WATER = 56.60 FT ( 16.64 M) BELOW THE TOC  
WATER ELEVATION = 223.40 FT ( 68.09 M) MSL  
SPECIFIC CONDUCTANCE = 576 UMHOS/CM  
WATER TEMPERATURE = 31.9 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	635.0 UMMC	ENV. ENG.
1	PH	7.04 PH	ENV. ENG.
1	SODIUM	77000 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN	36100 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN	36100 UG/L	ENV. ENG.
0	GROSS ALPHA	-43.66+-8.55 PCI/L	HP, 735A
2	NONVOLATILE BETA	43930+-3227 PCI/L	HP, 735A
2	NONVOLATILE BETA	45690+-2942 PCI/L	HP, 735A
2	TRITIUM	257+-2.25 PCI/ML	HP, 735A
2	TRITIUM	248+-2.25 PCI/ML	HP, 735A

## WELL FTF 7

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/05/88 TIME 840  
DEPTH TO WATER = 57.00 FT ( 17.37 M) BELOW THE TOC  
WATER ELEVATION = 223.00 FT ( 67.97 M) MSL  
PH = 6.9  
SPECIFIC CONDUCTANCE = 85 UMHOS/CM  
WATER TEMPERATURE = 30.9 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	230.0 UMMC	ENV. ENG.
1	SPECIFIC CONDUCTANCE	223.0 UMMC	ENV. ENG.
1	PH	6.95 PH	ENV. ENG.
1	PH	7.02 PH	ENV. ENG.
1	SODIUM	8620 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	100 UG/L	ENV. ENG.
1	GROSS ALPHA	7.06+-1.95 PCI/L	HP, 735A
2	GROSS ALPHA	40.00+-11.4 PCI/L	RAD. MEAS.
2	GROSS ALPHA	23.90+-9.56 PCI/L	RAD. MEAS.
2	NONVOLATILE BETA	1205+-86.5 PCI/L	HP, 735A
2	NONVOLATILE BETA	1599+-36.6 PCI/L	RAD. MEAS.
2	NONVOLATILE BETA	1507+-35.7 PCI/L	RAD. MEAS.
0	TRITIUM	7.38+-0.57 PCI/ML	HP, 735A
0	TRITIUM	7.08+-0.34 PCI/ML	RAD. MEAS.
0	TRITIUM	6.98+-0.33 PCI/ML	RAD. MEAS.

## WELL FTF 8

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/05/88 TIME 850  
THE WELL WAS DRY.

## WELL FTF 9

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/05/88 TIME 855  
DEPTH TO WATER = 48.80 FT ( 14.87 M) BELOW THE TOC  
WATER ELEVATION = 223.10 FT ( 68.00 M) MSL  
THE WELL IS PUMPING DRY BEFORE SAMPLING CAN BE DONE.

## WELL FTF 10

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/05/88 TIME 925  
THE WELL WAS DRY.

## WELL FTF 11

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/05/88 TIME 905  
THE WELL WAS DRY.

## WELL FTF 12

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/05/88 TIME 900  
DEPTH TO WATER = 44.60 FT ( 13.59 M) BELOW THE TOC  
WATER ELEVATION = 227.10 FT ( 69.22 M) MSL  
PH = 11.8  
SPECIFIC CONDUCTANCE = 1611 UMHOS/CM  
WATER TEMPERATURE = 23.3 DEGREES CELSIUS  
NO WATER HAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	1760 UMHG	ENV. ENG.
2	PH	11.6 PH	ENV. ENG.
1	SODIUM	7730 UG/L	ENV. ENG.
1	SODIUM	9000 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	2650 UG/L	ENV. ENG.
0	GROSS ALPHA	0.18+-0.03 PCI/L	HP, 735A
1	NONVOLATILE BETA	10.15+-2.41 PCI/L	HP, 735A
1	TRITIUM	16.20+-0.71 PCI/ML	HP, 735A

## WELL FTF 13

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/05/88 TIME 940  
DEPTH TO WATER = 62.80 FT ( 19.14 M) BELOW THE TOC  
WATER ELEVATION = 223.00 FT ( 67.97 M) MSL  
PH = 11.5  
SPECIFIC CONDUCTANCE = 1074 UMHOS/CM  
WATER TEMPERATURE = 21.2 DEGREES CELSIUS  
NO WATER HAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0	GROSS ALPHA	0.52+-0.11 PCI/L	HP, 735A
0	GROSS ALPHA	0.25+-0.49 PCI/L	HP, 735A
0	NONVOLATILE BETA	2.27+-1.16 PCI/L	HP, 735A
0	NONVOLATILE BETA	8.11+-2.38 PCI/L	HP, 735A
0	TRITIUM	9.16+-0.60 PCI/ML	HP, 735A

## WELL FTF 14

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/05/88 TIME 1115  
THE WELL WAS DRY.

## WELL FTF 15

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/05/88 TIME 935  
DEPTH TO WATER = 62.00 FT ( 18.90 M) BELOW THE TOC  
WATER ELEVATION = 224.50 FT ( 68.43 M) MSL  
PH = 5.6  
SPECIFIC CONDUCTANCE = 59 UMHOS/CM  
WATER TEMPERATURE = 20.6 DEGREES CELSIUS  
NO WATER HAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	66.00 UMHG	ENV. ENG.
0	PH	4.66 PH	ENV. ENG.
0	SODIUM	4960 UG/L	ENV. ENG.
1	NITRATE AS NITROGEN	3750 UG/L	ENV. ENG.
0	GROSS ALPHA	1.58+-0.62 PCI/L	HP, 735A
1	GROSS ALPHA	12.50+-1.83 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	1.81+-0.75 PCI/L	HP, 735A
1	NONVOLATILE BETA	11.60+-1.38 PCI/L	RAD. MEAS.
0	TRITIUM	8.42+-0.59 PCI/ML	HP, 735A
0	TRITIUM	6.98+-0.33 PCI/ML	RAD. MEAS.

## WELL FTF 16

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/05/88 TIME 945  
DEPTH TO WATER = 66.00 FT ( 20.12 M) BELOW THE TOC  
WATER ELEVATION = 222.60 FT ( 67.85 M) MSL  
PH = 5.8  
SPECIFIC CONDUCTANCE = 43 UMHOS/CM  
WATER TEMPERATURE = 21.7 DEGREES CELSIUS  
NO WATER HAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	45.30 UMHG	ENV. ENG.
0	PH	4.81 PH	ENV. ENG.
0	SODIUM	4870 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	1880 UG/L	ENV. ENG.
0	GROSS ALPHA	0.69+-0.42 PCI/L	HP, 735A
0	NONVOLATILE BETA	0.90+-0.65 PCI/L	HP, 735A
0	TRITIUM	6.74+-0.56 PCI/ML	HP, 735A

## WELL FTF 17

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/05/88 TIME 950  
DEPTH TO WATER = 67.40 FT ( 20.54 M) BELOW THE TOC  
WATER ELEVATION = 222.20 FT ( 67.73 M) MSL  
PH = 5.9  
SPECIFIC CONDUCTANCE = 56 UMHOS/CM  
WATER TEMPERATURE = 21.6 DEGREES CELSIUS  
NO WATER HAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	58.20 UMHG	ENV. ENG.
0	PH	5.10 PH	ENV. ENG.
0	SODIUM	4510 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	2500 UG/L	ENV. ENG.
0	GROSS ALPHA	2.90+-0.83 PCI/L	HP, 735A
0	NONVOLATILE BETA	2.86+-0.85 PCI/L	HP, 735A
0	TRITIUM	8.42+-0.59 PCI/ML	HP, 735A

## WELL FTF 18

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/05/88 TIME 955  
DEPTH TO WATER = 65.20 FT ( 19.87 M) BELOW THE TOC  
WATER ELEVATION = 222.80 FT ( 67.91 M) MSL  
PH = 5.7  
SPECIFIC CONDUCTANCE = 45 UMHOS/CM  
WATER TEMPERATURE = 22.5 DEGREES CELSIUS  
NO WATER HAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	52.90 UMHG	ENV. ENG.
0	PH	4.97 PH	ENV. ENG.
1	SODIUM	6370 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	1320 UG/L	ENV. ENG.
0	GROSS ALPHA	1.56+-0.61 PCI/L	HP, 735A
0	NONVOLATILE BETA	1.42+-0.71 PCI/L	HP, 735A
0	TRITIUM	7.83+-0.58 PCI/ML	HP, 735A

## WELL FTF 19

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/05/88 TIME 1005  
DEPTH TO WATER = 65.60 FT ( 20.00 M) BELOW THE TOC  
WATER ELEVATION = 221.60 FT ( 67.54 M) MSL  
PH = 5.7  
SPECIFIC CONDUCTANCE = 53 UMHOS/CM  
WATER TEMPERATURE = 26.1 DEGREES CELSIUS  
NO WATER HAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	62.50 UMHG	ENV. ENG.
0	PH	5.19 PH	ENV. ENG.
1	SODIUM	8910 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	2610 UG/L	ENV. ENG.
0	GROSS ALPHA	1.45+-0.60 PCI/L	HP, 735A
0	NONVOLATILE BETA	4.06+-0.96 PCI/L	HP, 735A
0	TRITIUM	7.26+-0.57 PCI/ML	HP, 735A

## WELL FTF 20

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/05/88 TIME 1010  
 DEPTH TO WATER = 65.40 FT ( 19.93 M) BELOW THE TOC  
 WATER ELEVATION = 221.70 FT ( 67.57 M) MSL  
 PH = 6.1  
 SPECIFIC CONDUCTANCE = 58 UMHOS/CM  
 WATER TEMPERATURE = 26.7 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	64.70 UMHC	ENV. ENG.
0	PH	5.33 PH	ENV. ENG.
1	SODIUM	9160 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	1660 UG/L	ENV. ENG.
0	GROSS ALPHA	0.86+-0.48 PCI/L	HP, 735A
0	NONVOLATILE BETA	2.76+-0.84 PCI/L	HP, 735A
0	TRITIUM	6.43+-0.86 PCI/ML	HP, 735A

## WELL FTF 21

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/05/88 TIME 1020  
 DEPTH TO WATER = 66.40 FT ( 20.24 M) BELOW THE TOC  
 WATER ELEVATION = 221.10 FT ( 67.39 M) MSL  
 PH = 11.8  
 SPECIFIC CONDUCTANCE = 1957 UMHOS/CM  
 WATER TEMPERATURE = 25.8 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	3380 UMHC	ENV. ENG.
2	PH	12.0 PH	ENV. ENG.
1	SODIUM	40100 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	220 UG/L	ENV. ENG.
0	GROSS ALPHA	-0.07+-0.17 PCI/L	HP, 735A
1	NONVOLATILE BETA	24.75+-3.16 PCI/L	HP, 735A
0	TRITIUM	7.58+-0.58 PCI/ML	HP, 735A

## WELL FTF 22

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/05/88 TIME 1030  
 DEPTH TO WATER = 65.20 FT ( 19.87 M) BELOW THE TOC  
 WATER ELEVATION = 221.60 FT ( 67.54 M) MSL  
 PH = 5.6  
 SPECIFIC CONDUCTANCE = 48 UMHOS/CM  
 WATER TEMPERATURE = 26.0 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	56.90 UMHC	ENV. ENG.
0	PH	4.89 PH	ENV. ENG.
1	SODIUM	5310 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	2260 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	2270 UG/L	ENV. ENG.
0	GROSS ALPHA	3.09+-0.84 PCI/L	HP, 735A
0	NONVOLATILE BETA	2.52+-0.82 PCI/L	HP, 735A
0	TRITIUM	9.16+-0.60 PCI/ML	HP, 735A

## WELL FTF 23

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/05/88 TIME 1045  
 DEPTH TO WATER = 64.40 FT ( 19.69 M) BELOW THE TOC  
 WATER ELEVATION = 221.40 FT ( 67.48 M) MSL  
 PH = 5.5  
 SPECIFIC CONDUCTANCE = 60 UMHOS/CM  
 WATER TEMPERATURE = 26.7 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	68.60 UMHC	ENV. ENG.
0	SPECIFIC CONDUCTANCE	61.40 UMHC	ENV. ENG.
0	PH	4.74 PH	ENV. ENG.
0	PH	4.78 PH	ENV. ENG.
1	SODIUM	6180 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	2800 UG/L	ENV. ENG.
0	GROSS ALPHA	2.65+-0.80 PCI/L	HP, 735A
0	NONVOLATILE BETA	0.65+-0.63 PCI/L	HP, 735A
0	TRITIUM	8.08+-0.59 PCI/ML	HP, 735A

## WELL FTF 24A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/05/88 TIME 915  
 DEPTH TO WATER = 47.30 FT ( 14.42 M) BELOW THE TOC  
 WATER ELEVATION = 223.00 FT ( 67.97 M) MSL  
 PH = 6.7  
 SPECIFIC CONDUCTANCE = 133 UMHOS/CM  
 WATER TEMPERATURE = 26.2 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	141.0 UMHC	ENV. ENG.
0	PH	6.14 PH	ENV. ENG.
1	SODIUM	19000 UG/L	ENV. ENG.
1	SODIUM	16000 UG/L	ENV. ENG.
0	GROSS ALPHA	3370 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	1.19+-0.61 PCI/L	HP, 735A
0	NONVOLATILE BETA	5.15+-1.09 PCI/L	HP, 735A
0	CERIUM 144	0.00+-0.65 PCI/ML	HP, 735A
0	COBALT 60	0.00+-0.06 PCI/ML	HP, 735A
0	CHROMIUM 51	0.00+-2.66 PCI/ML	HP, 735A
0	CESIUM 134	0.00+-0.06 PCI/ML	HP, 735A
0	CESIUM 137	0.00+-0.06 PCI/ML	HP, 735A
0	IODINE 131	0.00+-11.4 PCI/ML	HP, 735A
0	RUTHENIUM 103	0.00+-0.15 PCI/ML	HP, 735A
0	RUTHENIUM 107	0.00+-0.62 PCI/ML	HP, 735A
0	ANTIMONY 125	0.00+-0.19 PCI/ML	HP, 735A
1	TRITIUM	17.16+-0.72 PCI/ML	HP, 735A
0	ZIRCONIUM/NIOBIUM 95	0.00+-0.21 PCI/ML	HP, 735A

## WELL FTF 25A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/05/88 TIME 930  
 DEPTH TO WATER = 48.50 FT ( 14.78 M) BELOW THE TOC  
 WATER ELEVATION = 222.70 FT ( 67.88 M) MSL  
 PH = 7.1  
 SPECIFIC CONDUCTANCE = 175 UMHOS/CM  
 WATER TEMPERATURE = 25.8 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	182.0 UMHC	ENV. ENG.
1	PH	6.69 PH	ENV. ENG.
1	SODIUM	20200 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	3950 UG/L	ENV. ENG.
0	GROSS ALPHA	2.83+-1.16 PCI/L	HP, 735A
1	NONVOLATILE BETA	19.31+-2.29 PCI/L	HP, 735A
0	CERIUM 144	0.00+-0.43 PCI/ML	HP, 735A
0	COBALT 60	0.00+-0.11 PCI/ML	HP, 735A
0	CHROMIUM 51	0.00+-3.18 PCI/ML	HP, 735A
0	CESIUM 134	0.00+-0.09 PCI/ML	HP, 735A
0	CESIUM 137	0.00+-0.10 PCI/ML	HP, 735A
0	IODINE 131	0.00+-13.3 PCI/ML	HP, 735A
0	RUTHENIUM 103	0.00+-0.25 PCI/ML	HP, 735A
0	RUTHENIUM 107	0.00+-0.93 PCI/ML	HP, 735A
0	ANTIMONY 125	0.00+-0.29 PCI/ML	HP, 735A
1	TRITIUM	12.37+-0.65 PCI/ML	HP, 735A
0	ZIRCONIUM/NIOBIUM 95	0.00+-0.33 PCI/ML	HP, 735A

## WELL FTF 26

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/05/88 TIME 920  
 DEPTH TO WATER = 48.20 FT ( 14.69 M) BELOW THE TOC  
 WATER ELEVATION = 222.70 FT ( 67.88 M) MSL  
 PH = 6.7  
 SPECIFIC CONDUCTANCE = 133 UMHOS/CM  
 WATER TEMPERATURE = 31.3 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	145.0 UMHC	ENV. ENG.
0	PH	6.30 PH	ENV. ENG.
1	SODIUM	8350 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	2550 UG/L	ENV. ENG.
0	GROSS ALPHA	1.36+-0.70 PCI/L	HP, 735A
1	NONVOLATILE BETA	24.04+-2.58 PCI/L	HP, 735A
0	CERIUM 144	0.00+-0.43 PCI/ML	HP, 735A
0	COBALT 60	0.00+-0.06 PCI/ML	HP, 735A
0	CHROMIUM 51	0.00+-2.30 PCI/ML	HP, 735A
0	CESIUM 134	0.00+-0.08 PCI/ML	HP, 735A
0	CESIUM 137	0.00+-0.07 PCI/ML	HP, 735A
0	IODINE 131	0.00+-10.3 PCI/ML	HP, 735A
0	RUTHENIUM 103	0.00+-0.16 PCI/ML	HP, 735A
0	RUTHENIUM 107	0.00+-0.64 PCI/ML	HP, 735A
0	ANTIMONY 125	0.00+-0.19 PCI/ML	HP, 735A
0	TRITIUM	7.14+-0.57 PCI/ML	HP, 735A
0	TRITIUM	6.96+-0.58 PCI/ML	HP, 735A
0	ZIRCONIUM/NIOBIUM 95	0.00+-0.21 PCI/ML	HP, 735A



WELL FTF 27

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/05/88 TIME 910  
 DEPTH TO WATER = 43.40 FT ( 13.23 M) BELOW THE TOC  
 WATER ELEVATION = 227.10 FT ( 69.22 M) MSL  
 PH = 7.1  
 SPECIFIC CONDUCTANCE = 129 UMHOS/CM  
 WATER TEMPERATURE = 27.3 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	141.0 UMHC	ENV. ENG.
1	PH	6.80	PH
1	SODIUM	10100 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	2990 UG/L	ENV. ENG.
0	GROSS ALPHA	0.11+-0.34 PCI/L	HP, 735A
0	NONVOLATILE BETA	9.18+-1.44 PCI/L	HP, 735A
0	CERIUM 144	0.00+-0.42 PCI/ML	HP, 735A
0	COBALT 60	0.00+-0.06 PCI/ML	HP, 735A
0	CHROMIUM 51	0.00+-1.86 PCI/ML	HP, 735A
0	CESIUM 134	0.00+-0.07 PCI/ML	HP, 735A
0	CESIUM 137	0.00+-0.05 PCI/ML	HP, 735A
0	IODINE 131	0.00+-12.1 PCI/ML	HP, 735A
0	RUTHENIUM 103	0.00+-0.16 PCI/ML	HP, 735A
0	RUTHENIUM 107	0.00+-0.60 PCI/ML	HP, 735A
0	ANTIMONY 125	0.00+-0.17 PCI/ML	HP, 735A
2	TRITIUM	24.69+-0.81 PCI/ML	HP, 735A
0	ZIRCONIUM/NIObIUM 95	0.00+-0.21 PCI/ML	HP, 735A

WELL GBM 1

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/18/88 TIME 1730  
 DEPTH TO WATER = 72.30 FT ( 22.04 M) BELOW THE TOC  
 WATER ELEVATION = 261.30 FT ( 79.65 M) MSL  
 PH = 4.6 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 14 UMHOS/CM  
 WATER TEMPERATURE = 17.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 8 GAL  
 THE WELL WENT DRY DURING PURGING.

WELL H 2

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/12/88 TIME 915  
 THE WELL WAS DRY.

WELL H 4

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/12/88 TIME 920  
 THE WELL WAS DRY.

WELL H 6

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/12/88 TIME 930  
 DEPTH TO WATER = 30.50 FT ( 9.30 M) BELOW THE TOC  
 WATER ELEVATION = 229.60 FT ( 69.98 M) MSL  
 PH = 4.0  
 SPECIFIC CONDUCTANCE = 983 UMHOS/CM  
 WATER TEMPERATURE = 18.1 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

LABORATORY ANALYSES

2	GROSS ALPHA	703+-75.2 PCI/L	HP, 735A
2	GROSS ALPHA	804+-88.6 PCI/L	HP, 735A
2	NONVOLATILE BETA	1354+-1048 PCI/L	HP, 735A
2	TRITIUM	40950+- 831 PCI/ML	HP, 735A

WELL H 7

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/12/88 TIME 935  
 DEPTH TO WATER = 29.50 FT ( 8.99 M) BELOW THE TOC  
 WATER ELEVATION = 228.30 FT ( 69.59 M) MSL  
 PH = 6.9  
 SPECIFIC CONDUCTANCE = 180 UMHOS/CM  
 WATER TEMPERATURE = 18.6 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

LABORATORY ANALYSES

0	GROSS ALPHA	2.12+-1.94 PCI/L	HP, 735A
2	NONVOLATILE BETA	987+-87.6 PCI/L	HP, 735A
2	TRITIUM	2147+-44.2 PCI/ML	HP, 735A
2	TRITIUM	2520+-7.25 PCI/ML	HP, 735A

WELL H 8

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/12/88 TIME 945  
 DEPTH TO WATER = 30.40 FT ( 9.27 M) BELOW THE TOC  
 WATER ELEVATION = 226.80 FT ( 69.13 M) MSL  
 PH = 6.5  
 SPECIFIC CONDUCTANCE = 490 UMHOS/CM  
 WATER TEMPERATURE = 19.2 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

LABORATORY ANALYSES

1	GROSS ALPHA	9.39+-5.80 PCI/L	HP, 735A
2	NONVOLATILE BETA	354+-32.5 PCI/L	HP, 735A
2	TRITIUM	4373+-88.7 PCI/ML	HP, 735A

WELL H 9

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/12/88 TIME 940  
 DEPTH TO WATER = 22.50 FT ( 6.86 M) BELOW THE TOC  
 WATER ELEVATION = 226.40 FT ( 69.01 M) MSL  
 PH = 5.9  
 SPECIFIC CONDUCTANCE = 771 UMHOS/CM  
 WATER TEMPERATURE = 18.9 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

LABORATORY ANALYSES

2	GROSS ALPHA	49.54+-10.8 PCI/L	HP, 735A
1	NONVOLATILE BETA	1581+- 118 PCI/L	HP, 735A
2	TRITIUM	3605+-73.3 PCI/ML	HP, 735A

WELL H 10

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/12/88 TIME 905  
 DEPTH TO WATER = 30.60 FT ( 9.33 M) BELOW THE TOC  
 WATER ELEVATION = 226.70 FT ( 69.10 M) MSL  
 PH = 6.4  
 SPECIFIC CONDUCTANCE = 357 UMHOS/CM  
 WATER TEMPERATURE = 18.0 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

LABORATORY ANALYSES

0	GROSS ALPHA	1.97+-0.89 PCI/L	HP, 735A
1	NONVOLATILE BETA	19.39+-2.95 PCI/L	HP, 735A
1	NONVOLATILE BETA	19.99+-2.01 PCI/L	HP, 735A
2	TRITIUM	1302+-27.3 PCI/ML	HP, 735A

WELL H 11

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/12/88 TIME 900  
 DEPTH TO WATER = 21.50 FT ( 6.55 M) BELOW THE TOC  
 WATER ELEVATION = 227.80 FT ( 69.43 M) MSL  
 PH = 6.1  
 SPECIFIC CONDUCTANCE = 156 UMHOS/CM  
 WATER TEMPERATURE = 17.1 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

LABORATORY ANALYSES

0	GROSS ALPHA	0.37+-0.46 PCI/L	HP, 735A
0	NONVOLATILE BETA	9.87+-1.82 PCI/L	HP, 735A
2	TRITIUM	3549+-71.1 PCI/ML	HP, 735A

## WELL H 12

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/12/88 TIME 955  
THE WELL WAS DRY.

## WELL H 13

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/12/88 TIME 1000  
DEPTH TO WATER = 20.00 FT ( 6.10 M) BELOW THE TOC  
WATER ELEVATION = 224.40 FT ( 68.40 M) MSL  
PH = 6.9  
SPECIFIC CONDUCTANCE = 237 UMHOS/CM  
WATER TEMPERATURE = 17.0 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA	0.80+-0.86 PCI/L	HP, 735A
1 NONVOLATILE BETA	41.82+-4.88 PCI/L	HP, 735A
2 TRITIUM	4391+- 89 PCI/ML	HP, 735A

## WELL H 14

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/12/88 TIME 1005  
DEPTH TO WATER = 18.50 FT ( 5.64 M) BELOW THE TOC  
WATER ELEVATION = 223.80 FT ( 68.22 M) MSL  
PH = 4.9  
SPECIFIC CONDUCTANCE = 441 UMHOS/CM  
WATER TEMPERATURE = 17.1 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA	0.79+-1.00 PCI/L	HP, 735A
1 NONVOLATILE BETA	13.22+-2.30 PCI/L	HP, 735A
2 TRITIUM	3708+-75.4 PCI/ML	HP, 735A

## WELL H 15

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/12/88 TIME 855  
THE WELL WAS DRY.

## WELL H 16

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/12/88 TIME 1015  
DEPTH TO WATER = 16.00 FT ( 4.88 M) BELOW THE TOC  
WATER ELEVATION = 225.50 FT ( 68.73 M) MSL  
PH = 5.6  
SPECIFIC CONDUCTANCE = 19 UMHOS/CM  
WATER TEMPERATURE = 18.7 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA	0.49+-0.45 PCI/L	HP, 735A
0 GROSS ALPHA	1.95+-0.84 PCI/L	RAD. MEAS.
0 NONVOLATILE BETA	2.75+-1.03 PCI/L	HP, 735A
0 NONVOLATILE BETA	4.35+-1.03 PCI/L	RAD. MEAS.
2 TRITIUM	45.00+-1.04 PCI/ML	HP, 735A
2 TRITIUM	50.10+-1.11 PCI/ML	RAD. MEAS.

## WELL H 17

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/12/88 TIME 1010  
DEPTH TO WATER = 18.40 FT ( 5.61 M) BELOW THE TOC  
WATER ELEVATION = 224.90 FT ( 68.55 M) MSL  
PH = 5.7  
SPECIFIC CONDUCTANCE = 52 UMHOS/CM  
WATER TEMPERATURE = 17.5 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA	2.11+-0.88 PCI/L	HP, 735A
0 NONVOLATILE BETA	7.14+-1.52 PCI/L	HP, 735A
2 TRITIUM	51.94+-1.17 PCI/ML	HP, 735A

## WELL H 18A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/12/88 TIME 850  
DEPTH TO WATER = 15.80 FT ( 4.82 M) BELOW THE TOC  
WATER ELEVATION = 223.70 FT ( 68.18 M) MSL  
PH = 5.4  
SPECIFIC CONDUCTANCE = 21 UMHOS/CM  
WATER TEMPERATURE = 18.0 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA	3.75+-1.26 PCI/L	HP, 735A
0 NONVOLATILE BETA	5.07+-1.34 PCI/L	HP, 735A
2 TRITIUM	41.30+-0.96 PCI/ML	HP, 735A

## WELL H 19

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/12/88 TIME 845  
THE WELL WAS DRY.

## WELL HAC 1

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/09/88 TIME 1420  
DEPTH TO WATER = 31.94 FT ( 9.74 M) BELOW THE TOC  
WATER ELEVATION = 246.43 FT ( 81.21 M) MSL  
PH = 5.3 ALKALINITY = 11 MG/L  
SPECIFIC CONDUCTANCE = 341 UMHOS/CM  
WATER TEMPERATURE = 21.4 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 3 GAL  
THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE	329.0 UMHOS	ENV. ENG.
1 SPECIFIC CONDUCTANCE	326.0 UMHOS	ENV. ENG.
0 PH	5.36 PH	ENV. ENG.
0 PH	5.50 PH	ENV. ENG.
0 TURBIDITY	0.61 NTU	ENV. ENG.
0 SILVER	2 UG/L	ENV. ENG.
0 ARSENIC	2 UG/L	ENV. ENG.
0 BARIUM	18 UG/L	ENV. ENG.
0 CALCIUM	1730 UG/L	ENV. ENG.
0 CADMIUM	2 UG/L	ENV. ENG.
0 CHLORIDE	3600 UG/L	ENV. ENG.
0 CHLORIDE	3100 UG/L	ENV. ENG.
0 CHROMIUM	4 UG/L	ENV. ENG.
0 ENDRIIN	0.10 UG/L	ENV. ENG.
0 FLUORIDE	100 UG/L	ENV. ENG.
2 IRON	313 UG/L	ENV. ENG.
0 MERCURY	0.20 UG/L	ENV. ENG.
0 POTASSIUM	500 UG/L	ENV. ENG.
0 LINDANE	0.05 UG/L	ENV. ENG.
0 METHOXYCHLOR	0.50 UG/L	ENV. ENG.
0 MAGNESIUM	244 UG/L	ENV. ENG.
1 MANGANESE	30 UG/L	ENV. ENG.
1 SODIUM	71900 UG/L	ENV. ENG.
0 NITRATE AS NITROGEN	1060 UG/L	ENV. ENG.
0 LEAD	12 UG/L	ENV. ENG.
0 PHENOL	5 UG/L	ENV. ENG.
0 SELENIUM	2 UG/L	ENV. ENG.
1 SILICA	7660 UG/L	ENV. ENG.
0 SILVEX	0.09 UG/L	ENV. ENG.
1 SULFATE	107000 UG/L	ENV. ENG.
1 SULFATE	102000 UG/L	ENV. ENG.
0 TOTAL DISSOLVED SOLIDS	213000 UG/L	ENV. ENG.
0 TOTAL ORGANIC CARBON	1300 UG/L	ENV. ENG.
0 TOTAL ORGANIC HALOGENS	5 UG/L	ENV. ENG.
0 TOTAL PHOSPHATES	20 UG/L	ENV. ENG.
0 TOXAPHENE	1 UG/L	ENV. ENG.
0 2,4-DICHLOROPHENOXACETIC ACID	0.30 UG/L	ENV. ENG.
0 GROSS ALPHA	2.11+-1.45 PCI/L	HP, 735A
0 GROSS ALPHA	2.79+-1.67 PCI/L	RAD. MEAS.
0 NONVOLATILE BETA	2.44+-1.23 PCI/L	HP, 735A
0 NONVOLATILE BETA	1.97+-1.24 PCI/L	RAD. MEAS.
0 TOTAL RADIUM	1 PCI/L	RAD. MEAS.
2 TRITIUM	48.00+-1.05 PCI/ML	HP, 735A
2 TRITIUM	45.70+-1.02 PCI/ML	RAD. MEAS.

## WELL HAC 2

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/09/88 TIME 1355  
 DEPTH TO WATER = 32.17 FT ( 9.81 M) BELOW THE TOC  
 WATER ELEVATION = 265.91 FT ( 81.05 M) MSL  
 PH = 5.2 ALKALINITY = 5 MG/L  
 SPECIFIC CONDUCTANCE = 676 UMHOS/CM  
 WATER TEMPERATURE = 20.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 2 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	655.0 UMHOS	ENV. ENG.
0	PH	5.17 PH	ENV. ENG.
0	TURBIDITY	0.30 NTU	ENV. ENG.
0	SILVER	2 UG/L	ENV. ENG.
0	ARSENIC	2 UG/L	ENV. ENG.
0	BARIUM	11 UG/L	ENV. ENG.
0	CALCIUM	1660 UG/L	ENV. ENG.
0	CADMIUM	2 UG/L	ENV. ENG.
0	CHLORIDE	3900 UG/L	ENV. ENG.
0	CHROMIUM	4 UG/L	ENV. ENG.
0	ENDRIN	0.10 UG/L	ENV. ENG.
0	FLUORIDE	100 UG/L	ENV. ENG.
1	IRON	187 UG/L	ENV. ENG.
0	MERCURY	0.20 UG/L	ENV. ENG.
0	POTASSIUM	500 UG/L	ENV. ENG.
0	LINDANE	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	0.50 UG/L	ENV. ENG.
0	MAGNESIUM	442 UG/L	ENV. ENG.
0	MANGANESE	17 UG/L	ENV. ENG.
1	SODIUM	96900 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	640 UG/L	ENV. ENG.
1	LEAD	24 UG/L	ENV. ENG.
0	PHENOL	5 UG/L	ENV. ENG.
0	SELENIUM	2 UG/L	ENV. ENG.
1	SILICA	7720 UG/L	ENV. ENG.
0	SILVEX	0.09 UG/L	ENV. ENG.
2	SULFATE	249000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	395000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1100 UG/L	ENV. ENG.
1	TOTAL ORGANIC HALOGENS	16 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	20 UG/L	ENV. ENG.
0	TOXAPHENE	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXACETIC ACID	0.30 UG/L	ENV. ENG.
0	GROSS ALPHA	-0.12+-1.22 PCI/L	HP, 735A
0	GROSS ALPHA	3 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	1.69+-3.44 PCI/L	HP, 735A
0	NONVOLATILE BETA	2 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	1 PCI/L	RAD. MEAS.
2	TRITIUM	57.70+-1.14 PCI/ML	HP, 735A
2	TRITIUM	59.20+-1.29 PCI/ML	RAD. MEAS.

## WELL HAC 3

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/08/88 TIME 1715  
 DEPTH TO WATER = 31.79 FT ( 9.69 M) BELOW THE TOC  
 WATER ELEVATION = 266.19 FT ( 81.14 M) MSL  
 PH = 4.3 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 158 UMHOS/CM  
 WATER TEMPERATURE = 24.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 43 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	142.0 UMHOS	ENV. ENG.
0	PH	4.44 PH	ENV. ENG.
0	TURBIDITY	0.12 NTU	ENV. ENG.
0	SILVER	2 UG/L	ENV. ENG.
0	ARSENIC	2 UG/L	ENV. ENG.
0	BARIUM	16 UG/L	ENV. ENG.
0	CALCIUM	240 UG/L	ENV. ENG.
0	CADMIUM	198 UG/L	ENV. ENG.
0	CHLORIDE	2 UG/L	ENV. ENG.
0	CHROMIUM	5500 UG/L	ENV. ENG.
0	ENDRIN	4 UG/L	ENV. ENG.
0	FLUORIDE	0.10 UG/L	ENV. ENG.
0	FLUORIDE	100 UG/L	ENV. ENG.
0	IRON	100 UG/L	ENV. ENG.
0	MERCURY	82 UG/L	ENV. ENG.
0	POTASSIUM	0.20 UG/L	ENV. ENG.
0	LINDANE	500 UG/L	ENV. ENG.
0	METHOXYCHLOR	0.05 UG/L	ENV. ENG.
0	MAGNESIUM	0.50 UG/L	ENV. ENG.
2	MANGANESE	372 UG/L	ENV. ENG.
1	SODIUM	89 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	25000 UG/L	ENV. ENG.
0	LEAD	1560 UG/L	ENV. ENG.
0	PHENOL	10 UG/L	ENV. ENG.
0	PHENOL	5 UG/L	ENV. ENG.
0	SELENIUM	5 UG/L	ENV. ENG.
1	SILICA	2 UG/L	ENV. ENG.
0	SILVEX	6090 UG/L	ENV. ENG.
1	SULFATE	0.09 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	34900 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	101000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	1000 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	8 UG/L	ENV. ENG.
0	TOXAPHENE	20 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXACETIC ACID	1 UG/L	ENV. ENG.
0	GROSS ALPHA	0.30 UG/L	ENV. ENG.
0	GROSS ALPHA	1.49+-0.93 PCI/L	HP, 735A
0	GROSS ALPHA	2.33+-1.16 PCI/L	RAD. MEAS.

CONTINUED

## WELL HAC 3 COLLECTED ON 12/08/88 LABORATORY ANALYSES CONTINUED

0	NONVOLATILE BETA	1.83+-1.03 PCI/L	HP, 735A
0	NONVOLATILE BETA	2.68+-0.93 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	0.96+-0.68 PCI/L	RAD. MEAS.
2	TRITIUM	41.40+-0.99 PCI/ML	HP, 735A
2	TRITIUM	37.70+-0.87 PCI/ML	RAD. MEAS.

## WELL HAC 4

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/08/88 TIME 1805  
 DEPTH TO WATER = 30.30 FT ( 9.24 M) BELOW THE TOC  
 WATER ELEVATION = 266.60 FT ( 81.26 M) MSL  
 PH = 4.4 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 43 UMHOS/CM  
 WATER TEMPERATURE = 21.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 48 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	43.90 UMHOS	ENV. ENG.
0	PH	4.73 PH	ENV. ENG.
0	TURBIDITY	0.21 NTU	ENV. ENG.
0	TURBIDITY	0.24 NTU	ENV. ENG.
0	SILVER	2 UG/L	ENV. ENG.
0	ARSENIC	2 UG/L	ENV. ENG.
0	BARIUM	17 UG/L	ENV. ENG.
0	CALCIUM	464 UG/L	ENV. ENG.
0	CADMIUM	2 UG/L	ENV. ENG.
0	CHLORIDE	3000 UG/L	ENV. ENG.
0	CHROMIUM	4 UG/L	ENV. ENG.
0	ENDRIN	0.10 UG/L	ENV. ENG.
0	ENDRIN	0.10 UG/L	ENV. ENG.
0	FLUORIDE	100 UG/L	ENV. ENG.
0	IRON	28 UG/L	ENV. ENG.
1	MERCURY	0.61 UG/L	ENV. ENG.
0	POTASSIUM	500 UG/L	ENV. ENG.
0	LINDANE	0.05 UG/L	ENV. ENG.
0	LINDANE	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	0.50 UG/L	ENV. ENG.
0	METHOXYCHLOR	0.50 UG/L	ENV. ENG.
0	MAGNESIUM	260 UG/L	ENV. ENG.
2	MANGANESE	77 UG/L	ENV. ENG.
0	SODIUM	4600 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	2020 UG/L	ENV. ENG.
0	LEAD	16 UG/L	ENV. ENG.
0	PHENOL	5 UG/L	ENV. ENG.
0	SELENIUM	2 UG/L	ENV. ENG.
1	SILICA	6170 UG/L	ENV. ENG.
0	SILVEX	0.09 UG/L	ENV. ENG.
0	SULFATE	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	51000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
1	TOTAL ORGANIC HALOGENS	20 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	20 UG/L	ENV. ENG.
0	TOXAPHENE	1 UG/L	ENV. ENG.
0	TOXAPHENE	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXACETIC ACID	0.30 UG/L	ENV. ENG.
0	GROSS ALPHA	1.83+-0.73 PCI/L	HP, 735A
0	GROSS ALPHA	3 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	2.34+-0.93 PCI/L	HP, 735A
0	NONVOLATILE BETA	1.83+-0.89 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	1 PCI/L	RAD. MEAS.
2	TRITIUM	33.50+-0.91 PCI/ML	HP, 735A
2	TRITIUM	30.10+-0.72 PCI/ML	RAD. MEAS.

## WELL HAC 1

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/17/88 TIME 1145  
 DEPTH TO WATER = 20.68 FT ( 6.30 M) BELOW THE TOC  
 WATER ELEVATION = 268.42 FT ( 81.82 M) MSL  
 PH = 6.4 ALKALINITY = 103 MG/L  
 SPECIFIC CONDUCTANCE = 171 UMHOS/CM  
 WATER TEMPERATURE = 20.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 58 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	140.0 UMHOS	ENV. LAB.
1	SPECIFIC CONDUCTANCE	142.0 UMHOS	M. A.
1	SPECIFIC CONDUCTANCE	142.0 UMHOS	M. A.
1	SPECIFIC CONDUCTANCE	114.0 UMHOS	ENV. ENG.
0	PH	6.40 PH	ENV. LAB.
0	PH	6.00 PH	M. A.
0	SILVER	5.68 PH	ENV. ENG.
0	SILVER	10 UG/L	ENV. LAB.
0	SILVER	10 UG/L	M. A.
0	ALUMINUM	2 UG/L	ENV. ENG.
0	ARSENIC	200 UG/L	M. A.
0	ARSENIC	10 UG/L	ENV. LAB.
0	ARSENIC	10 UG/L	M. A.
0	ARSENIC	2 UG/L	ENV. ENG.
0	BARIUM	100 UG/L	ENV. LAB.
0	BARIUM	200 UG/L	M. A.
0	BERYLLIUM	39 UG/L	ENV. ENG.
0	CALCIUM	5 UG/L	M. A.
1	CALCIUM	7500 UG/L	ENV. LAB.
1	CALCIUM	40300 UG/L	M. A.
0	CADMIUM	47100 UG/L	ENV. ENG.
0	CADMIUM	10 UG/L	ENV. LAB.
0	CADMIUM	5 UG/L	M. A.

CONTINUED

## WELL MAP 1 COLLECTED ON 12/17/88 LABORATORY ANALYSES CONTINUED

0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		9000 UG/L	ENV. LAB.
0	CHLORIDE		6200 UG/L	ENV. ENG.
0	COBALT	LT	50 UG/L	M. A.
0	CHROMIUM	LT	50 UG/L	ENV. LAB.
0	CHROMIUM	LT	10 UG/L	M. A.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER	LT	25 UG/L	M. A.
0	FLUORIDE		150 UG/L	ENV. LAB.
0	FLUORIDE	LT	100 UG/L	M. A.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
1	IRON		290 UG/L	ENV. LAB.
0	IRON	LT	100 UG/L	M. A.
0	IRON	LT	20 UG/L	ENV. ENG.
0	MERCURY	LT	0.50 UG/L	ENV. LAB.
0	MERCURY	LT	0.20 UG/L	M. A.
1	MERCURY		0.83 UG/L	ENV. ENG.
1	MERCURY		0.46 UG/L	ENV. ENG.
1	POTASSIUM		5100 UG/L	ENV. LAB.
0	POTASSIUM	LT	5000 UG/L	M. A.
0	POTASSIUM		3140 UG/L	ENV. ENG.
0	MAGNESIUM		1700 UG/L	ENV. LAB.
0	MAGNESIUM	LT	5000 UG/L	M. A.
0	MAGNESIUM		1140 UG/L	ENV. ENG.
2	MANGANESE		500 UG/L	ENV. LAB.
0	MANGANESE	LT	15 UG/L	M. A.
0	MANGANESE		5 UG/L	ENV. ENG.
1	SODIUM		130000 UG/L	ENV. LAB.
1	SODIUM		9830 UG/L	M. A.
1	SODIUM		9830 UG/L	ENV. ENG.
0	NICKEL	LT	40 UG/L	M. A.
0	NITRATE AS NITROGEN		1000 UG/L	ENV. LAB.
0	NITRATE AS NITROGEN		1500 UG/L	M. A.
0	NITRATE AS NITROGEN		1330 UG/L	ENV. ENG.
0	LEAD	LT	100 UG/L	ENV. LAB.
0	LEAD	LT	5 UG/L	M. A.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. LAB.
0	PHENOL	LT	5 UG/L	M. A.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	ANTIMONY	LT	60 UG/L	M. A.
0	SELENIUM	LT	10 UG/L	ENV. LAB.
0	SELENIUM	LT	5 UG/L	M. A.
1	SILICA		2 UG/L	ENV. ENG.
1	SILICA		7700 UG/L	ENV. LAB.
1	SILICA		2760 UG/L	M. A.
0	TIN	LT	8270 UG/L	ENV. ENG.
0	SULFATE	LT	100 UG/L	M. A.
0	SULFATE	LT	5000 UG/L	ENV. LAB.
0	SULFATE	LT	5000 UG/L	M. A.
0	TOTAL DISSOLVED SOLIDS		74000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		72000 UG/L	M. A.
0	TOTAL DISSOLVED SOLIDS		94000 UG/L	ENV. ENG.
1	TOTAL ORGANIC CARBON		8000 UG/L	ENV. LAB.
0	TOTAL ORGANIC CARBON		1300 UG/L	M. A.
0	TOTAL ORGANIC CARBON	LT	1200 UG/L	ENV. ENG.
1	TOTAL ORGANIC HALOGENS		10 UG/L	ENV. LAB.
1	TOTAL ORGANIC HALOGENS		16 UG/L	M. A.
1	TOTAL ORGANIC HALOGENS		19 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	10 UG/L	ENV. LAB.
0	TOTAL PHOSPHATES	LT	50 UG/L	M. A.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	URANIUM	LT	1000 UG/L	M. A.
0	ZINC		54 UG/L	M. A.
0	GROSS ALPHA		1.37+-0.82 PCI/L	ENV. LAB.
0	GROSS ALPHA		0.00+-5.00 PCI/L	M. A.
0	GROSS ALPHA	LT	3 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		5.41+-0.86 PCI/L	ENV. LAB.
0	NONVOLATILE BETA		4.00+-2.00 PCI/L	M. A.
0	NONVOLATILE BETA		1.58+-0.94 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT	0.23 PCI/L	ENV. LAB.
0	TOTAL RADIUM		0.80+-0.40 PCI/L	M. A.
0	TOTAL RADIUM	LT	1 PCI/L	RAD. MEAS.
1	TRITIUM		14.60+-0.41 PCI/ML	ENV. LAB.
0	TRITIUM		0.00+-1.00 PCI/ML	M. A.
2	TRITIUM		21.40+-0.54 PCI/ML	RAD. MEAS.

## WELL MAP 1

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/17/88 TIME 1145  
 DEPTH TO WATER = 20.68 FT ( 6.30 M) BELOW THE TOC  
 WATER ELEVATION = 268.42 FT ( 81.82 M) MSL  
 PH = 6.4 ALKALINITY = 103 MG/L  
 SPECIFIC CONDUCTANCE = 171 UMHOS/CM  
 WATER TEMPERATURE = 20.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 56 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		110.0 UMHC	ENV. ENG.
0	PH		5.62 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		46 UG/L	ENV. ENG.
1	CALCIUM		51400 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		5800 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	IRON	LT	20 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	POTASSIUM		2920 UG/L	ENV. ENG.
0	MAGNESIUM		1230 UG/L	ENV. ENG.

CONTINUED

## WELL MAP 1 COLLECTED ON 12/17/88 LABORATORY ANALYSES CONTINUED

0	MANGANESE		5 UG/L	ENV. ENG.
1	SODIUM		8710 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		1380 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		8210 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		98000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
1	TOTAL ORGANIC HALOGENS		20 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		20 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	GROSS ALPHA	LT	3 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		3.85+-1.05 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT	1 PCI/L	RAD. MEAS.
2	TRITIUM		22.70+-0.57 PCI/ML	RAD. MEAS.

## WELL MAP 2

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/28/88 TIME 1335  
 DEPTH TO WATER = 21.81 FT ( 6.65 M) BELOW THE TOC  
 WATER ELEVATION = 268.09 FT ( 81.71 M) MSL  
 PH = 5.1 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 57 UMHOS/CM  
 WATER TEMPERATURE = 20.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 78 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		65.60 UMHC	ENV. ENG.
0	PH		4.91 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		36 UG/L	ENV. ENG.
0	CALCIUM		1530 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		3100 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	IRON		25 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	POTASSIUM		1220 UG/L	ENV. ENG.
0	MAGNESIUM		1180 UG/L	ENV. ENG.
0	MAGNESIUM		1110 UG/L	ENV. ENG.
1	MANGANESE		35 UG/L	ENV. ENG.
0	SODIUM		4250 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		1780 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		11000 UG/L	ENV. ENG.
1	SULFATE		13100 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		26000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		20 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		20 UG/L	ENV. ENG.
0	GROSS ALPHA		1.72+-0.80 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		5.74+-0.99 PCI/L	RAD. MEAS.
0	TOTAL RADIUM		0.98+-0.59 PCI/L	RAD. MEAS.
1	TRITIUM		16.50+-0.45 PCI/ML	RAD. MEAS.

## WELL HCA 1

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/04/88 TIME 1520  
 DEPTH TO WATER = 43.36 FT ( 13.22 M) BELOW THE TOC  
 WATER ELEVATION = 264.64 FT ( 81.27 M) MSL  
 PH = 6.5 ALKALINITY = 32 MG/L  
 SPECIFIC CONDUCTANCE = 100 UMHOS/CM  
 WATER TEMPERATURE = 23.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 11 GAL  
 THE WELL WENT DRY DURING PURGING.

## WELL HCA 2

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/04/88 TIME 1455  
 DEPTH TO WATER = 43.54 FT ( 13.27 M) BELOW THE TOC  
 WATER ELEVATION = 267.26 FT ( 81.46 M) MSL  
 PH = 5.6 ALKALINITY = 23 MG/L  
 SPECIFIC CONDUCTANCE = 195 UMHOS/CM  
 WATER TEMPERATURE = 26.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 67 GAL

## WELL HCA 3

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/04/88 TIME 1515  
 DEPTH TO WATER = 43.66 FT ( 13.31 M) BELOW THE TOC  
 WATER ELEVATION = 266.64 FT ( 81.27 M) MSL  
 PH = 5.8 ALKALINITY = 32 MG/L  
 SPECIFIC CONDUCTANCE = 99 UMHOS/CM  
 WATER TEMPERATURE = 23.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 10 GAL  
 THE WELL WENT DRY DURING PURGING.

## WELL HCA 4

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/04/88 TIME 1505  
 DEPTH TO WATER = 44.05 FT ( 13.43 M) BELOW THE TOC  
 WATER ELEVATION = 266.65 FT ( 81.28 M) MSL  
 PH = 5.1 ALKALINITY = 4 MG/L  
 SPECIFIC CONDUCTANCE = 51 UMHOS/CM  
 WATER TEMPERATURE = 23.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 19 GAL  
 THE WELL WENT DRY DURING PURGING.

## WELL HCB 1

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/04/88 TIME 1605  
 DEPTH TO WATER = 18.35 FT ( 5.59 M) BELOW THE TOC  
 WATER ELEVATION = 260.97 FT ( 79.54 M) MSL  
 PH = 9.4 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 55 UMHOS/CM  
 WATER TEMPERATURE = 19.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 120 GAL

## WELL HCB 2

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/04/88 TIME 1625  
 DEPTH TO WATER = 16.24 FT ( 4.95 M) BELOW THE TOC  
 WATER ELEVATION = 265.46 FT ( 80.91 M) MSL  
 PH = 2.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 1756 UMHOS/CM  
 WATER TEMPERATURE = 19.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 67 GAL

## WELL HCB 3

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/04/88 TIME 1645  
 DEPTH TO WATER = 10.69 FT ( 3.26 M) BELOW THE TOC  
 WATER ELEVATION = 264.71 FT ( 80.68 M) MSL  
 PH = 4.2 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 74 UMHOS/CM  
 WATER TEMPERATURE = 19.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 102 GAL

## WELL HCB 4

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/04/88 TIME 1545  
 DEPTH TO WATER = 15.43 FT ( 4.70 M) BELOW THE TOC  
 WATER ELEVATION = 262.37 FT ( 79.97 M) MSL  
 PH = 4.3 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 61 UMHOS/CM  
 WATER TEMPERATURE = 19.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 70 GAL

## WELL HET 10

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 1420  
 DEPTH TO WATER = 18.37 FT ( 5.60 M) BELOW THE TOC  
 WATER ELEVATION = 263.83 FT ( 80.42 M) MSL  
 PH = 5.0 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 52 UMHOS/CM  
 WATER TEMPERATURE = 20.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 69 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	51.50 UMHC	ENV. ENG.
0	PH	4.64 PH	ENV. ENG.
0	TURBIDITY	0.11 NTU	ENV. ENG.
0	SILVER	LT	2 UG/L ENV. ENG.
0	ARSENIC	LT	2 UG/L ENV. ENG.
0	BARIIUM	LT	4 UG/L ENV. ENG.
0	BARIIUM	LT	4 UG/L ENV. ENG.
0	CALCIUM	222 UG/L	ENV. ENG.
0	CAOMIUM	LT	2 UG/L ENV. ENG.
0	CAOMIUM	LT	2 UG/L ENV. ENG.
0	CHLORIDE	5200 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L ENV. ENG.
0	CHROMIUM	LT	4 UG/L ENV. ENG.
0	ENDRIN	LT	0.10 UG/L ENV. ENG.
0	FLUORIDE	LT	100 UG/L ENV. ENG.
0	IRON	24 UG/L	ENV. ENG.
0	IRON	20 UG/L	ENV. ENG.
0	MERCURY	0.28 UG/L	ENV. ENG.
0	POTASSIUM	LT	500 UG/L ENV. ENG.
0	LINDANE	LT	0.05 UG/L ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L ENV. ENG.
0	MAGNESIUM	74 UG/L	ENV. ENG.
0	MAGNESIUM	79 UG/L	ENV. ENG.
0	MANGANESE	12 UG/L	ENV. ENG.
0	MANGANESE	12 UG/L	ENV. ENG.
1	SODIUM	8830 UG/L	ENV. ENG.
1	SODIUM	7280 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	1420 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L ENV. ENG.
0	LEAD	LT	6 UG/L ENV. ENG.
0	PHENOL	LT	5 UG/L ENV. ENG.
0	PHENOL	LT	5 UG/L ENV. ENG.
0	SELENIUM	LT	2 UG/L ENV. ENG.
1	SILICA	5630 UG/L	ENV. ENG.
0	SILVEX	LT	0.09 UG/L ENV. ENG.
0	SULFATE	LT	5000 UG/L ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	48000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L ENV. ENG.
0	TOXAPHENE	LT	1 UG/L ENV. ENG.
0	2,4-DICHLOROPHOXYACETIC ACID	LT	0.30 UG/L ENV. ENG.
0	GROSS ALPHA	0.59+-0.52 PCI/L	HP, 735A
0	GROSS ALPHA	LT	3 PCI/L RAD. MEAS.
0	NONVOLATILE BETA	1.41+-0.92 PCI/L	HP, 735A
0	NONVOLATILE BETA	LT	2 PCI/L RAD. MEAS.
0	TOTAL RADIUM	LT	1 PCI/L RAD. MEAS.
2	TRITIUM	38.90+-0.97 PCI/ML	HP, 735A
2	TRITIUM	38.50+-0.89 PCI/ML	RAD. MEAS.

## WELL HET 20

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/11/88 TIME 1255  
 DEPTH TO WATER = 22.44 FT ( 6.84 M) BELOW THE TOC  
 WATER ELEVATION = 254.46 FT ( 77.56 M) MSL  
 PH = 6.3 ALKALINITY = 8 MG/L  
 SPECIFIC CONDUCTANCE = 40 UMHOS/CM  
 WATER TEMPERATURE = 15.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 7 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	42.50 UMHC	ENV. ENG.
0	SPECIFIC CONDUCTANCE	42.40 UMHC	ENV. ENG.
0	PH	6.03 PH	ENV. ENG.
0	PH	5.94 PH	ENV. ENG.
0	SILVER	LT	2 UG/L ENV. ENG.
0	ARSENIC	LT	2 UG/L ENV. ENG.
0	BARIIUM	10 UG/L	ENV. ENG.
0	CALCIUM	2740 UG/L	ENV. ENG.
0	CAOMIUM	LT	2 UG/L ENV. ENG.
0	CHLORIDE	2000 UG/L	ENV. ENG.
0	CHLORIDE	2100 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L ENV. ENG.
0	ENDRIN	LT	0.10 UG/L ENV. ENG.
0	FLUORIDE	LT	100 UG/L ENV. ENG.
0	IRON	132 UG/L	ENV. ENG.
1	MERCURY	0.52 UG/L	ENV. ENG.
0	POTASSIUM	579 UG/L	ENV. ENG.
0	LINDANE	LT	0.05 UG/L ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L ENV. ENG.
0	MAGNESIUM	587 UG/L	ENV. ENG.
0	MANGANESE	24 UG/L	ENV. ENG.
0	SODIUM	3630 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	1070 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L ENV. ENG.
1	PHENOL	LT	8 UG/L ENV. ENG.
0	SELENIUM	LT	2 UG/L ENV. ENG.
1	SILICA	7390 UG/L	ENV. ENG.
0	SILVEX	LT	0.09 UG/L ENV. ENG.
0	SULFATE	LT	5000 UG/L ENV. ENG.

CONTINUED

WELL HET 20 COLLECTED ON 12/11/88 LABORATORY ANALYSES CONTINUED

0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		70000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L	ENV. ENG.
0	GROSS ALPHA		0.24+-0.37 PCI/L	HP, 735A
0	GROSS ALPHA		1.24+-0.66 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		0.51+-0.77 PCI/L	HP, 735A
0	NONVOLATILE BETA	LT	2 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT	1 PCI/L	RAD. MEAS.
2	TRITIUM		21.10+-0.76 PCI/ML	HP, 735A
2	TRITIUM		21.50+-0.55 PCI/ML	RAD. MEAS.

WELL HET 30

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/11/88 TIME 1235  
 DEPTH TO WATER = 21.94 FT ( 6.69 M) BELOW THE TOC  
 WATER ELEVATION = 254.76 FT ( 77.65 M) MSL  
 PH = 5.4 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 27 UMHOS/CM  
 WATER TEMPERATURE = 17.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 8 GAL  
 THE WELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		35.00 UMHOS	ENV. ENG.
0	PH		5.01 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM	LT	4 UG/L	ENV. ENG.
0	CALCIUM		890 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		2500 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	ENDRIN	LT	0.10 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	IRON		113 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	POTASSIUM	LT	500 UG/L	ENV. ENG.
0	LINDANE	LT	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0	MAGNESIUM		298 UG/L	ENV. ENG.
0	MANGANESE		4 UG/L	ENV. ENG.
0	SODIUM		2940 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		1440 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		5090 UG/L	ENV. ENG.
0	SILVEX	LT	0.09 UG/L	ENV. ENG.
0	SILVEX	LT	0.09 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		46000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L	ENV. ENG.
0	GROSS ALPHA		1.77+-0.71 PCI/L	HP, 735A
0	GROSS ALPHA		0.65+-0.51 PCI/L	RAD. MEAS.
0	GROSS ALPHA	LT	3 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		1.90+-0.87 PCI/L	HP, 735A
0	NONVOLATILE BETA		1.13+-0.84 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	LT	2 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT	1 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT	1 PCI/L	RAD. MEAS.
2	TRITIUM		35.00+-0.93 PCI/ML	HP, 735A
2	TRITIUM		33.00+-0.78 PCI/ML	RAD. MEAS.
2	TRITIUM		33.20+-0.78 PCI/ML	RAD. MEAS.

WELL HET 40

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/11/88 TIME 1210  
 DEPTH TO WATER = 21.02 FT ( 6.41 M) BELOW THE TOC  
 WATER ELEVATION = 255.68 FT ( 77.93 M) MSL  
 PH = 5.6 ALKALINITY = 5 MG/L  
 SPECIFIC CONDUCTANCE = 33 UMHOS/CM  
 WATER TEMPERATURE = 16.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 43 GAL  
 THE WELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		46.30 UMHOS	ENV. ENG.
0	PH		5.62 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		13 UG/L	ENV. ENG.
0	CALCIUM		3620 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		2500 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	ENDRIN	LT	0.10 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
2	IRON		604 UG/L	ENV. ENG.
1	MERCURY		0.52 UG/L	ENV. ENG.

CONTINUED

WELL HET 40 COLLECTED ON 12/11/88 LABORATORY ANALYSES CONTINUED

0	POTASSIUM		568 UG/L	ENV. ENG.
0	LINDANE		0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0	MAGNESIUM		660 UG/L	ENV. ENG.
0	SODIUM		30 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		2900 UG/L	ENV. ENG.
0	LEAD		1290 UG/L	ENV. ENG.
0	PHENOL	LT	8 UG/L	ENV. ENG.
0	SELENIUM	LT	5 UG/L	ENV. ENG.
1	SILICA		7080 UG/L	ENV. ENG.
0	SILVEX	LT	0.09 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		40000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS		6 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L	ENV. ENG.
0	GROSS ALPHA		1.96+-0.76 PCI/L	HP, 735A
0	GROSS ALPHA		1.00+-0.77 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		2.08+-0.90 PCI/L	HP, 735A
0	NONVOLATILE BETA		1.92+-0.88 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT	1 PCI/L	RAD. MEAS.
2	TRITIUM		30.10+-0.87 PCI/ML	HP, 735A
2	TRITIUM		28.90+-0.70 PCI/ML	RAD. MEAS.

WELL HRS 11

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/14/88 TIME 1450  
 DEPTH TO WATER = 13.18 FT ( 4.02 M) BELOW THE TOC  
 WATER ELEVATION = 258.22 FT ( 78.71 M) MSL  
 PH = 6.1 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 43 UMHOS/CM  
 WATER TEMPERATURE = 19.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 150 GAL

LABORATORY ANALYSES

0	GROSS ALPHA		1.17+-0.77 PCI/L	HP, 735A
0	NONVOLATILE BETA		1.14+-1.51 PCI/L	HP, 735A
2	TRITIUM		21.22+-0.75 PCI/ML	HP, 735A

WELL HRS 13

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/14/88 TIME 1420  
 DEPTH TO WATER = 19.72 FT ( 6.01 M) BELOW THE TOC  
 WATER ELEVATION = 256.48 FT ( 78.18 M) MSL  
 PH = 6.1 ALKALINITY = 26 MG/L  
 SPECIFIC CONDUCTANCE = 96 UMHOS/CM  
 WATER TEMPERATURE = 20.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 134 GAL

LABORATORY ANALYSES

0	GROSS ALPHA		0.43+-0.52 PCI/L	HP, 735A
0	NONVOLATILE BETA		1.87+-1.58 PCI/L	HP, 735A
2	TRITIUM		43.24+-0.98 PCI/ML	HP, 735A

WELL HRS 11

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/14/88 TIME 1315  
 DEPTH TO WATER = 14.79 FT ( 4.51 M) BELOW THE TOC  
 WATER ELEVATION = 244.41 FT ( 74.50 M) MSL  
 PH = 3.9 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 27 UMHOS/CM  
 WATER TEMPERATURE = 20.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 95 GAL

LABORATORY ANALYSES

0	GROSS ALPHA		0.85+-0.67 PCI/L	HP, 735A
0	NONVOLATILE BETA		1.46+-1.54 PCI/L	HP, 735A
2	TRITIUM		45.73+-1.00 PCI/ML	HP, 735A

## WELL HR8 12

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/14/88 TIME 1245  
 DEPTH TO WATER = 19.28 FT ( 5.88 M) BELOW THE TOC  
 WATER ELEVATION = 238.22 FT ( 72.61 M) MSL  
 PH = 4.2 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 33 UMHOS/CM  
 WATER TEMPERATURE = 20.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 83 GAL

## LABORATORY ANALYSES

0 GROSS ALPHA 0.64+-0.46 PCI/L HP, 735A  
 1 NONVOLATILE BETA 13.65+-2.52 PCI/L HP, 735A  
 2 TRITIUM 30.59+-0.85 PCI/ML HP, 735A

## WELL HR8 13

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/14/88 TIME 1140  
 DEPTH TO WATER = 16.34 FT ( 4.98 M) BELOW THE TOC  
 WATER ELEVATION = 236.76 FT ( 72.17 M) MSL  
 PH = 4.0 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 51 UMHOS/CM  
 WATER TEMPERATURE = 19.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 91 GAL

## LABORATORY ANALYSES

0 GROSS ALPHA 1.28+-0.80 PCI/L HP, 735A  
 0 NONVOLATILE BETA 5.44+-1.90 PCI/L HP, 735A  
 2 TRITIUM 29.82+-0.84 PCI/ML HP, 735A

## WELL HR8 14

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/14/88 TIME 1225  
 DEPTH TO WATER = 9.65 FT ( 2.94 M) BELOW THE TOC  
 WATER ELEVATION = 243.95 FT ( 74.36 M) MSL  
 PH = 4.3 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 295 UMHOS/CM  
 WATER TEMPERATURE = 19.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 135 GAL

## LABORATORY ANALYSES

0 GROSS ALPHA 3.08+-1.18 PCI/L HP, 735A  
 0 NONVOLATILE BETA 7.48+-2.08 PCI/L HP, 735A  
 0 TRITIUM 5.93+-0.52 PCI/ML HP, 735A

## WELL HSB 65

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/08/88 TIME 1500  
 DEPTH TO WATER = 40.13 FT ( 12.23 M) BELOW THE TOC  
 WATER ELEVATION = 231.87 FT ( 70.67 M) MSL  
 PH = 4.0 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 44 UMHOS/CM  
 WATER TEMPERATURE = 18.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 63 GAL

## LABORATORY ANALYSES

0 SPECIFIC CONDUCTANCE 50.10 UMHC ENV. ENG.  
 0 PH 5.21 PH ENV. ENG.  
 0 CADMIUM LT 2 UG/L ENV. ENG.  
 0 COBALT LT 4 UG/L ENV. ENG.  
 0 CHROMIUM LT 4 UG/L ENV. ENG.  
 1 COPPER 116 UG/L ENV. ENG.  
 0 IRON LT 20 UG/L ENV. ENG.  
 0 MERCURY LT 0.20 UG/L ENV. ENG.  
 0 MANGANESE 3 UG/L ENV. ENG.  
 1 SODIUM 5440 UG/L ENV. ENG.  
 0 NICKEL LT 4 UG/L ENV. ENG.  
 0 NITRATE AS NITROGEN 2760 UG/L ENV. ENG.  
 1 LEAD 21 UG/L ENV. ENG.  
 0 ANTIMONY LT 3 UG/L ENV. ENG.  
 0 TOTAL ORGANIC CARBON LT 1000 UG/L ENV. ENG.  
 0 TOTAL ORGANIC HALOGENS LT 5 UG/L ENV. ENG.  
 0 TOTAL PHOSPHATES LT 20 UG/L ENV. ENG.  
 0 ZINC 21 UG/L ENV. ENG.  
 0 GROSS ALPHA 0.43+-0.52 PCI/L HP, 735A  
 0 GROSS ALPHA LT 3 PCI/L RAD. MEAS.  
 0 NONVOLATILE BETA 1.46+-1.51 PCI/L HP, 735A  
 0 NONVOLATILE BETA 1.33+-0.83 PCI/L RAD. MEAS.  
 2 TRITIUM 45.80+-1.03 PCI/ML HP, 735A  
 2 TRITIUM 39.60+-0.59 PCI/ML RAD. MEAS.

## WELL HSB 65A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/08/88 TIME 1540  
 DEPTH TO WATER = 104.51 FT ( 31.86 M) BELOW THE TOC  
 WATER ELEVATION = 169.09 FT ( 51.54 M) MSL  
 PH = 6.5 ALKALINITY = 80 MG/L  
 SPECIFIC CONDUCTANCE = 191 UMHOS/CM  
 WATER TEMPERATURE = 19.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 277 GAL

## LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE 216.0 UMHC ENV. ENG.  
 1 PH 6.50 PH ENV. ENG.  
 0 CADMIUM LT 2 UG/L ENV. ENG.  
 0 COBALT LT 4 UG/L ENV. ENG.  
 0 CHROMIUM LT 4 UG/L ENV. ENG.  
 0 COPPER 13 UG/L ENV. ENG.  
 0 IRON LT 20 UG/L ENV. ENG.  
 0 MERCURY LT 0.20 UG/L ENV. ENG.  
 0 MANGANESE 2 UG/L ENV. ENG.  
 0 SODIUM 1820 UG/L ENV. ENG.  
 0 NICKEL LT 4 UG/L ENV. ENG.  
 0 NITRATE AS NITROGEN 100 UG/L ENV. ENG.  
 0 LEAD LT 6 UG/L ENV. ENG.  
 0 ANTIMONY LT 3 UG/L ENV. ENG.  
 0 TOTAL ORGANIC CARBON LT 1000 UG/L ENV. ENG.  
 2 TOTAL ORGANIC HALOGENS 44 UG/L ENV. ENG.  
 2 TOTAL ORGANIC HALOGENS 52 UG/L ENV. ENG.  
 0 TOTAL PHOSPHATES 40 UG/L ENV. ENG.  
 0 ZINC 9 UG/L ENV. ENG.  
 0 GROSS ALPHA LT 3 PCI/L RAD. MEAS.  
 0 NONVOLATILE BETA 2.07+-1.00 PCI/L RAD. MEAS.  
 0 TRITIUM LT 0.70 PCI/ML RAD. MEAS.

## WELL HSB 65B

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/08/88 TIME 1440  
 DEPTH TO WATER = 49.92 FT ( 15.22 M) BELOW THE TOC  
 WATER ELEVATION = 223.78 FT ( 68.21 M) MSL  
 PH = 6.7 ALKALINITY = 81 MG/L  
 SPECIFIC CONDUCTANCE = 195 UMHOS/CM  
 WATER TEMPERATURE = 19.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 269 GAL

## LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE 211.0 UMHC ENV. ENG.  
 1 PH 6.85 PH ENV. ENG.  
 0 CADMIUM LT 2 UG/L ENV. ENG.  
 0 COBALT LT 4 UG/L ENV. ENG.  
 0 CHROMIUM LT 4 UG/L ENV. ENG.  
 0 COPPER 14 UG/L ENV. ENG.  
 0 IRON LT 20 UG/L ENV. ENG.  
 0 MERCURY LT 0.20 UG/L ENV. ENG.  
 0 MANGANESE 2 UG/L ENV. ENG.  
 0 SODIUM 1850 UG/L ENV. ENG.  
 0 NICKEL LT 4 UG/L ENV. ENG.  
 0 NITRATE AS NITROGEN 140 UG/L ENV. ENG.  
 0 LEAD LT 6 UG/L ENV. ENG.  
 0 ANTIMONY LT 3 UG/L ENV. ENG.  
 0 TOTAL ORGANIC CARBON LT 1000 UG/L ENV. ENG.  
 0 TOTAL ORGANIC HALOGENS LT 5 UG/L ENV. ENG.  
 0 TOTAL PHOSPHATES 20 UG/L ENV. ENG.  
 0 ZINC 13 UG/L ENV. ENG.  
 0 GROSS ALPHA LT 3 PCI/L RAD. MEAS.  
 0 NONVOLATILE BETA LT 2 PCI/L RAD. MEAS.  
 0 TRITIUM LT 0.70 PCI/ML RAD. MEAS.

## WELL HSB 65C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/08/88 TIME 1430  
 DEPTH TO WATER = 41.49 FT ( 12.65 M) BELOW THE TOC  
 WATER ELEVATION = 232.11 FT ( 70.75 M) MSL  
 PH = 4.6 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 57 UMHOS/CM  
 WATER TEMPERATURE = 19.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 63 GAL

## LABORATORY ANALYSES

0 SPECIFIC CONDUCTANCE 68.50 UMHC ENV. ENG.  
 0 PH 4.82 PH ENV. ENG.  
 0 CADMIUM LT 2 UG/L ENV. ENG.  
 0 COBALT LT 4 UG/L ENV. ENG.  
 0 CHROMIUM LT 4 UG/L ENV. ENG.  
 0 COPPER 10 UG/L ENV. ENG.  
 0 IRON 21 UG/L ENV. ENG.  
 0 MERCURY LT 0.20 UG/L ENV. ENG.  
 0 MANGANESE 11 UG/L ENV. ENG.  
 1 SODIUM 8050 UG/L ENV. ENG.  
 0 NICKEL LT 4 UG/L ENV. ENG.  
 1 NITRATE AS NITROGEN 3140 UG/L ENV. ENG.  
 0 LEAD LT 6 UG/L ENV. ENG.  
 0 ANTIMONY LT 3 UG/L ENV. ENG.  
 0 TOTAL ORGANIC CARBON LT 1000 UG/L ENV. ENG.  
 2 TOTAL ORGANIC HALOGENS 25 UG/L ENV. ENG.  
 0 TOTAL PHOSPHATES 30 UG/L ENV. ENG.

CONTINUED

WELL HSB 65C COLLECTED ON 10/08/88 LABORATORY ANALYSES CONTINUED

0 ZINC 27 UG/L ENV. ENG.  
0 GROSS ALPHA 1.63+-1.01 PCI/L RAD. MEAS.  
0 NONVOLATILE BETA 1.32+-0.93 PCI/L RAD. MEAS.  
1 TRITIUM 18.10+-0.57 PCI/ML RAD. MEAS.

WELL HSB 66

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/08/88 TIME 1045  
DEPTH TO WATER = 53.78 FT ( 16.39 M) BELOW THE TOC  
WATER ELEVATION = 226.42 FT ( 69.01 M) MSL  
PH = 5.9 ALKALINITY = 1 MG/L  
SPECIFIC CONDUCTANCE = 25 UMHOS/CM  
WATER TEMPERATURE = 19.5 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 87 GAL

LABORATORY ANALYSES

0 SPECIFIC CONDUCTANCE 36.90 UMHG ENV. ENG.  
0 PH 4.87 PH ENV. ENG.  
0 CADMIUM LT 2 UG/L ENV. ENG.  
0 CADMIUM LT 2 UG/L ENV. ENG.  
0 COBALT LT 4 UG/L ENV. ENG.  
0 COBALT LT 4 UG/L ENV. ENG.  
0 CHROMIUM LT 4 UG/L ENV. ENG.  
0 CHROMIUM LT 4 UG/L ENV. ENG.  
0 COPPER 16 UG/L ENV. ENG.  
0 COPPER 14 UG/L ENV. ENG.  
0 IRON 58 UG/L ENV. ENG.  
0 IRON 58 UG/L ENV. ENG.  
0 MERCURY LT 0.20 UG/L ENV. ENG.  
0 MANGANESE 7 UG/L ENV. ENG.  
0 MANGANESE 6 UG/L ENV. ENG.  
0 SODIUM 2180 UG/L ENV. ENG.  
0 SODIUM 2340 UG/L ENV. ENG.  
0 NICKEL LT 4 UG/L ENV. ENG.  
0 NICKEL LT 4 UG/L ENV. ENG.  
0 NITRATE AS NITROGEN 870 UG/L ENV. ENG.  
0 LEAD 6 UG/L ENV. ENG.  
0 LEAD 8 UG/L ENV. ENG.  
0 ANTIMONY LT 3 UG/L ENV. ENG.  
0 ANTIMONY LT 3 UG/L ENV. ENG.  
0 TOTAL ORGANIC CARBON LT 1000 UG/L ENV. ENG.  
0 TOTAL ORGANIC HALOGENS 9 UG/L ENV. ENG.  
0 TOTAL PHOSPHATES 140 UG/L ENV. ENG.  
0 TOTAL PHOSPHATES 140 UG/L ENV. ENG.  
0 ZINC 16 UG/L ENV. ENG.  
0 ZINC 14 UG/L ENV. ENG.  
0 GROSS ALPHA 2.69+-1.10 PCI/L RAD. MEAS.  
0 NONVOLATILE BETA 1.56+-0.95 PCI/L RAD. MEAS.  
0 TRITIUM 5.41+-0.39 PCI/ML RAD. MEAS.

WELL HSB 67

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/08/88 TIME 1620  
DEPTH TO WATER = 12.98 FT ( 3.96 M) BELOW THE TOC  
WATER ELEVATION = 224.82 FT ( 68.53 M) MSL  
PH = 4.0 ALKALINITY = 0 MG/L  
SPECIFIC CONDUCTANCE = 148 UMHOS/CM  
WATER TEMPERATURE = 19.3 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 63 GAL

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE 114.0 UMHG ENV. ENG.  
0 PH 4.83 PH ENV. ENG.  
0 CADMIUM LT 2 UG/L ENV. ENG.  
0 COBALT LT 4 UG/L ENV. ENG.  
0 CHROMIUM LT 4 UG/L ENV. ENG.  
1 COPPER 59 UG/L ENV. ENG.  
0 IRON 29 UG/L ENV. ENG.  
2 MERCURY 1.64 UG/L ENV. ENG.  
2 MANGANESE 155 UG/L ENV. ENG.  
1 SODIUM 14500 UG/L ENV. ENG.  
0 NICKEL LT 4 UG/L ENV. ENG.  
2 NITRATE AS NITROGEN 12000 UG/L ENV. ENG.  
0 LEAD 15 UG/L ENV. ENG.  
0 ANTIMONY LT 3 UG/L ENV. ENG.  
0 TOTAL ORGANIC CARBON LT 1000 UG/L ENV. ENG.  
0 TOTAL ORGANIC HALOGENS 8 UG/L ENV. ENG.  
0 TOTAL ORGANIC HALOGENS 6 UG/L ENV. ENG.  
0 TOTAL PHOSPHATES LT 20 UG/L ENV. ENG.  
0 ZINC 24 UG/L ENV. ENG.  
2 GROSS ALPHA 27.40+-4.03 PCI/L HP, 735A  
2 GROSS ALPHA 26.00+-2.81 PCI/L RAD. MEAS.  
2 NONVOLATILE BETA 583+-12.5 PCI/L HP, 735A  
2 NONVOLATILE BETA 978+-10.5 PCI/L RAD. MEAS.  
2 TRITIUM 2270+-6.63 PCI/ML HP, 735A  
2 TRITIUM 2620+- 14 PCI/ML RAD. MEAS.

WELL HSB 68

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/11/88 TIME 1335  
DEPTH TO WATER = 26.85 FT ( 8.18 M) BELOW THE TOC  
WATER ELEVATION = 223.25 FT ( 68.05 M) MSL  
PH = 3.8 ALKALINITY = 0 MG/L  
SPECIFIC CONDUCTANCE = 280 UMHOS/CM  
WATER TEMPERATURE = 19.2 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 31 GAL

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE 281.0 UMHG ENV. ENG.  
1 PH 3.94 PH ENV. ENG.  
0 CADMIUM LT 2 UG/L ENV. ENG.  
0 CADMIUM LT 2 UG/L ENV. ENG.  
1 COBALT 10 UG/L ENV. ENG.  
1 COBALT 9 UG/L ENV. ENG.  
0 CHROMIUM LT 4 UG/L ENV. ENG.  
0 CHROMIUM LT 4 UG/L ENV. ENG.  
1 COPPER 33 UG/L ENV. ENG.  
1 COPPER 33 UG/L ENV. ENG.  
1 IRON 187 UG/L ENV. ENG.  
1 IRON 178 UG/L ENV. ENG.  
1 MERCURY 0.68 UG/L ENV. ENG.  
2 MANGANESE 724 UG/L ENV. ENG.  
2 MANGANESE 693 UG/L ENV. ENG.  
1 SODIUM 20600 UG/L ENV. ENG.  
1 SODIUM 20000 UG/L ENV. ENG.  
1 NICKEL 27 UG/L ENV. ENG.  
1 NICKEL 26 UG/L ENV. ENG.  
2 NITRATE AS NITROGEN 27000 UG/L ENV. ENG.  
0 LEAD LT 6 UG/L ENV. ENG.  
0 LEAD LT 6 UG/L ENV. ENG.  
0 ANTIMONY LT 3 UG/L ENV. ENG.  
0 ANTIMONY LT 3 UG/L ENV. ENG.  
0 TOTAL ORGANIC CARBON LT 1000 UG/L ENV. ENG.  
0 TOTAL ORGANIC HALOGENS LT 5 UG/L ENV. ENG.  
0 TOTAL PHOSPHATES 20 UG/L ENV. ENG.  
0 ZINC 88 UG/L ENV. ENG.  
0 ZINC 85 UG/L ENV. ENG.  
2 GROSS ALPHA 75.10+-6.63 PCI/L HP, 735A  
2 GROSS ALPHA 46.10+-4.52 PCI/L RAD. MEAS.  
2 NONVOLATILE BETA 6300+-40.9 PCI/L HP, 735A  
2 NONVOLATILE BETA 7777+-35.9 PCI/L RAD. MEAS.  
2 TRITIUM 25300+-77.6 PCI/ML HP, 735A  
2 TRITIUM 22161+-40.4 PCI/ML RAD. MEAS.

WELL HSB 68A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/11/88 TIME 1355  
DEPTH TO WATER = 79.84 FT ( 24.34 M) BELOW THE TOC  
WATER ELEVATION = 169.56 FT ( 51.68 M) MSL  
PH = 6.7 ALKALINITY = 59 MG/L  
SPECIFIC CONDUCTANCE = 135 UMHOS/CM  
WATER TEMPERATURE = 19.4 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 317 GAL

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE 146.0 UMHG ENV. ENG.  
1 PH 7.12 PH ENV. ENG.  
0 CADMIUM LT 2 UG/L ENV. ENG.  
0 COBALT LT 4 UG/L ENV. ENG.  
0 CHROMIUM LT 4 UG/L ENV. ENG.  
0 COPPER 11 UG/L ENV. ENG.  
0 IRON LT 20 UG/L ENV. ENG.  
0 MERCURY LT 0.20 UG/L ENV. ENG.  
0 MANGANESE 3 UG/L ENV. ENG.  
0 SODIUM 1960 UG/L ENV. ENG.  
0 NICKEL LT 4 UG/L ENV. ENG.  
0 NITRATE AS NITROGEN 120 UG/L ENV. ENG.  
0 LEAD LT 6 UG/L ENV. ENG.  
0 ANTIMONY LT 3 UG/L ENV. ENG.  
0 TOTAL ORGANIC CARBON LT 1000 UG/L ENV. ENG.  
0 TOTAL ORGANIC HALOGENS LT 5 UG/L ENV. ENG.  
0 TOTAL PHOSPHATES 210 UG/L ENV. ENG.  
0 ZINC 9 UG/L ENV. ENG.  
0 GROSS ALPHA 0.21+-0.43 PCI/L HP, 735A  
0 GROSS ALPHA 3 PCI/L RAD. MEAS.  
1 NONVOLATILE BETA 10.20+-2.24 PCI/L HP, 735A  
1 NONVOLATILE BETA 15.60+-1.51 PCI/L RAD. MEAS.  
2 TRITIUM 20.20+-0.86 PCI/ML HP, 735A  
1 TRITIUM 14.80+-0.41 PCI/ML RAD. MEAS.



## WELL HSB 688

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/11/88 TIME 1250  
 DEPTH TO WATER = 32.81 FT ( 10.00 M) BELOW THE TOC  
 WATER ELEVATION = 217.19 FT ( 66.20 M) MSL  
 PH = 7.3 ALKALINITY = 102 MG/L  
 SPECIFIC CONDUCTANCE = 240 UMHS/CM  
 WATER TEMPERATURE = 19.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 49 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	234.0 UMHC	ENV. ENG.
1	PH	7.85 PH	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	COBALT	LT 4 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	COPPER	15 UG/L	ENV. ENG.
0	IRON	LT 20 UG/L	ENV. ENG.
0	MERCURY	LT 0.20 UG/L	ENV. ENG.
0	MANGANESE	3 UG/L	ENV. ENG.
0	SODIUM	1860 UG/L	ENV. ENG.
0	NICKEL	LT 4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	300 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	310 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
0	ANTIMONY	LT 3 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT 5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	190 UG/L	ENV. ENG.
0	ZINC	16 UG/L	ENV. ENG.
0	GROSS ALPHA	-0.10+-0.21 PCI/L	HP, 735A
0	GROSS ALPHA	1.72+-1.37 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	5.04+-1.82 PCI/L	HP, 735A
0	NONVOLATILE BETA	8.74+-1.70 PCI/L	RAD. MEAS.
2	TRITIUM	37.90+-1.07 PCI/ML	HP, 735A
2	TRITIUM	31.20+-0.54 PCI/ML	RAD. MEAS.

## WELL HSB 68C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/11/88 TIME 1310  
 DEPTH TO WATER = 31.98 FT ( 9.75 M) BELOW THE TOC  
 WATER ELEVATION = 218.12 FT ( 66.48 M) MSL  
 PH = 5.9 ALKALINITY = 7 MG/L  
 SPECIFIC CONDUCTANCE = 115 UMHS/CM  
 WATER TEMPERATURE = 19.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 21 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	162.0 UMHC	ENV. ENG.
0	PH	5.81 PH	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	COBALT	LT 4 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
1	COPPER	65 UG/L	ENV. ENG.
1	IRON	182 UG/L	ENV. ENG.
0	MERCURY	0.30 UG/L	ENV. ENG.
2	MANGANESE	473 UG/L	ENV. ENG.
1	SODIUM	14600 UG/L	ENV. ENG.
0	NICKEL	LT 4 UG/L	ENV. ENG.
1	NITRATE AS NITROGEN	9590 UG/L	ENV. ENG.
0	LEAD	15 UG/L	ENV. ENG.
0	ANTIMONY	LT 3 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT 5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT 20 UG/L	ENV. ENG.
0	ZINC	200 UG/L	ENV. ENG.
0	GROSS ALPHA	0.87+-0.92 PCI/L	HP, 735A
0	GROSS ALPHA	1.16+-0.90 PCI/L	RAD. MEAS.
1	NONVOLATILE BETA	13.20+-2.12 PCI/L	HP, 735A
1	NONVOLATILE BETA	17.00+-1.61 PCI/L	RAD. MEAS.
2	TRITIUM	2180+-7.21 PCI/ML	HP, 735A
2	TRITIUM	2002+-12.3 PCI/ML	RAD. MEAS.

## WELL HSB 69

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/12/88 TIME 1715  
 DEPTH TO WATER = 15.39 FT ( 4.69 M) BELOW THE TOC  
 WATER ELEVATION = 220.61 FT ( 67.24 M) MSL  
 PH = 3.5 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 300 UMHS/CM  
 WATER TEMPERATURE = 17.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 56 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	283.0 UMHC	ENV. ENG.
1	PH	3.84 PH	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
1	COBALT	12 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	COPPER	13 UG/L	ENV. ENG.
0	IRON	26 UG/L	ENV. ENG.
0	MERCURY	0.25 UG/L	ENV. ENG.
2	MANGANESE	720 UG/L	ENV. ENG.

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## WELL HSB 69 COLLECTED ON 10/12/88 LABORATORY ANALYSES CONTINUED

1	SODIUM	19200 UG/L	ENV. ENG.
1	NICKEL	26 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN	29200 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
0	ANTIMONY	LT 3 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT 5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT 20 UG/L	ENV. ENG.
0	ZINC	82 UG/L	ENV. ENG.
2	GROSS ALPHA	62.20+-4.02 PCI/L	HP, 735A
2	GROSS ALPHA	44.00+-0.16 PCI/L	RAD. MEAS.
2	NONVOLATILE BETA	5600+-38.6 PCI/L	HP, 735A
2	NONVOLATILE BETA	6039+-31.6 PCI/L	RAD. MEAS.
2	TRITIUM	20100+-60.9 PCI/ML	HP, 735A
2	TRITIUM	17676+-144 PCI/ML	RAD. MEAS.

## WELL HSB 69A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/11/88 TIME 1530  
 DEPTH TO WATER = 66.58 FT ( 20.29 M) BELOW THE TOC  
 WATER ELEVATION = 170.02 FT ( 51.82 M) MSL  
 PH = 6.7 ALKALINITY = 62 MG/L  
 SPECIFIC CONDUCTANCE = 170 UMHS/CM  
 WATER TEMPERATURE = 19.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 240 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	192.0 UMHC	ENV. ENG.
1	PH	7.31 PH	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
1	ARSENIC	5 UG/L	ENV. ENG.
0	BARIUM	26 UG/L	ENV. ENG.
1	CALCIUM	29700 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHLORIDE	2900 UG/L	ENV. ENG.
0	CHLORIDE	2600 UG/L	ENV. ENG.
0	COBALT	LT 4 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	COPPER	9 UG/L	ENV. ENG.
0	FLUORIDE	230 UG/L	ENV. ENG.
0	FLUORIDE	230 UG/L	ENV. ENG.
0	IRON	LT 20 UG/L	ENV. ENG.
0	MERCURY	LT 0.20 UG/L	ENV. ENG.
0	POTASSIUM	LT 500 UG/L	ENV. ENG.
0	MANGANESE	482 UG/L	ENV. ENG.
0	SODIUM	3200 UG/L	ENV. ENG.
0	NICKEL	LT 4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	70 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	ANTIMONY	LT 3 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
1	SILICA	31200 UG/L	ENV. ENG.
0	SULFATE	8000 UG/L	ENV. ENG.
0	SULFATE	8000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	248000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT 5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	230 UG/L	ENV. ENG.
0	ZINC	16 UG/L	ENV. ENG.
0	GROSS ALPHA	1.47+-1.35 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	5.08+-1.22 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	0.50+-0.47 PCI/L	RAD. MEAS.
0	TRITIUM	LT 0.70 PCI/ML	RAD. MEAS.

## WELL HSB 70

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/09/88 TIME 1045  
 DEPTH TO WATER = 16.42 FT ( 5.00 M) BELOW THE TOC  
 WATER ELEVATION = 226.38 FT ( 69.00 M) MSL  
 PH = 4.7 ALKALINITY = 8 MG/L  
 SPECIFIC CONDUCTANCE = 105 UMHS/CM  
 WATER TEMPERATURE = 19.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 54 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	193.0 UMHC	ENV. ENG.
0	PH	5.46 PH	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	COBALT	LT 4 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
1	COPPER	249 UG/L	ENV. ENG.
0	IRON	LT 20 UG/L	ENV. ENG.
0	MERCURY	0.25 UG/L	ENV. ENG.
1	MANGANESE	43 UG/L	ENV. ENG.
1	SODIUM	13500 UG/L	ENV. ENG.
0	NICKEL	LT 4 UG/L	ENV. ENG.
1	NITRATE AS NITROGEN	8080 UG/L	ENV. ENG.
2	LEAD	46 UG/L	ENV. ENG.
0	ANTIMONY	LT 3 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT 6 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT 20 UG/L	ENV. ENG.
0	ZINC	46 UG/L	ENV. ENG.

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WELL HSB 70 COLLECTED ON 10/09/88 LABORATORY ANALYSES CONTINUED

0 GROSS ALPHA 1.31+-1.05 PCI/L HP, 735A  
 0 GROSS ALPHA 3.35+-1.19 PCI/L RAD. MEAS.  
 1 NONVOLATILE BETA 20.20+-2.52 PCI/L HP, 735A  
 0 NONVOLATILE BETA 3.34+-0.94 PCI/L RAD. MEAS.  
 2 TRITIUM 7730+-12.2 PCI/ML HP, 735A  
 2 TRITIUM 7811+-24.1 PCI/ML RAD. MEAS.

WELL HSB 70C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/09/88 TIME 1345  
 DEPTH TO WATER = 18.92 FT ( 5.77 M) BELOW THE TOC  
 WATER ELEVATION = 224.18 FT ( 68.33 M) MSL  
 PH = 9.4 ALKALINITY = 52 MG/L  
 SPECIFIC CONDUCTANCE = 335 UMHOS/CM  
 WATER TEMPERATURE = 21.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 169 GAL

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE 325.0 UMHOS ENV. ENG.  
 2 PH 9.50 PH ENV. ENG.  
 0 SILVER LT 2 UG/L ENV. ENG.  
 0 ARSENIC LT 2 UG/L ENV. ENG.  
 1 BARIUM 111 UG/L ENV. ENG.  
 1 CALCIUM 34100 UG/L ENV. ENG.  
 0 CADMIUM LT 2 UG/L ENV. ENG.  
 0 CHLORIDE 7200 UG/L ENV. ENG.  
 1 COBALT 4 UG/L ENV. ENG.  
 0 CHROMIUM LT 4 UG/L ENV. ENG.  
 0 COPPER 11 UG/L ENV. ENG.  
 0 FLUORIDE LT 100 UG/L ENV. ENG.  
 0 IRON 41 UG/L ENV. ENG.  
 0 MERCURY LT 0.20 UG/L ENV. ENG.  
 0 POTASSIUM 3830 UG/L ENV. ENG.  
 0 MAGNESIUM 1860 UG/L ENV. ENG.  
 0 MANGANESE 4 UG/L ENV. ENG.  
 1 SODIUM 33900 UG/L ENV. ENG.  
 0 NICKEL LT 4 UG/L ENV. ENG.  
 2 NITRATE AS NITROGEN 26200 UG/L ENV. ENG.  
 0 LEAD LT 6 UG/L ENV. ENG.  
 0 PHENOL LT 5 UG/L ENV. ENG.  
 0 ANTIMONY LT 30 UG/L ENV. ENG.  
 0 SELENIUM LT 2 UG/L ENV. ENG.  
 1 SILICA 9700 UG/L ENV. ENG.  
 0 SULFATE LT 5000 UG/L ENV. ENG.  
 0 TOTAL DISSOLVED SOLIDS 332000 UG/L ENV. ENG.  
 0 TOTAL ORGANIC CARBON LT 1000 UG/L ENV. ENG.  
 0 TOTAL ORGANIC HALOGENS LT 5 UG/L ENV. ENG.  
 0 TOTAL PHOSPHATES 100 UG/L ENV. ENG.  
 0 TOTAL PHOSPHATES 90 UG/L ENV. ENG.  
 0 ZINC LT 2 UG/L ENV. ENG.  
 0 GROSS ALPHA 2.18+-1.26 PCI/L HP, 735A  
 0 GROSS ALPHA 2.03+-1.53 PCI/L RAD. MEAS.  
 2 NONVOLATILE BETA 51.30+-3.82 PCI/L HP, 735A  
 2 NONVOLATILE BETA 68.00+-3.50 PCI/L RAD. MEAS.  
 0 TOTAL RADIUM 0.76+-0.45 PCI/L RAD. MEAS.  
 2 TRITIUM 3890+-8.67 PCI/ML HP, 735A  
 2 TRITIUM 3378+-35.8 PCI/ML RAD. MEAS.

WELL HSB 71

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/16/88 TIME 1245  
 DEPTH TO WATER = 19.47 FT ( 5.93 M) BELOW THE TOC  
 WATER ELEVATION = 221.93 FT ( 67.65 M) MSL  
 PH = 6.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 85 UMHOS/CM  
 WATER TEMPERATURE = 18.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 53 GAL

LABORATORY ANALYSES

0 SPECIFIC CONDUCTANCE LT 10.00 UMHOS ENV. ENG.  
 0 PH 5.26 PH ENV. ENG.  
 0 CADMIUM LT 2 UG/L ENV. ENG.  
 0 COBALT LT 4 UG/L ENV. ENG.  
 0 CHROMIUM LT 4 UG/L ENV. ENG.  
 1 COPPER 189 UG/L ENV. ENG.  
 1 IRON 187 UG/L ENV. ENG.  
 0 MERCURY 0.25 UG/L ENV. ENG.  
 0 MANGANESE 15 UG/L ENV. ENG.  
 1 SODIUM 13600 UG/L ENV. ENG.  
 0 NICKEL 4 UG/L ENV. ENG.  
 1 NITRATE AS NITROGEN 7670 UG/L ENV. ENG.  
 2 LEAD 52 UG/L ENV. ENG.  
 0 ANTIMONY LT 3 UG/L ENV. ENG.  
 0 TOTAL ORGANIC CARBON LT 1000 UG/L ENV. ENG.  
 1 TOTAL ORGANIC HALOGENS 14 UG/L ENV. ENG.  
 0 TOTAL PHOSPHATES LT 20 UG/L ENV. ENG.  
 0 TOTAL PHOSPHATES LT 20 UG/L ENV. ENG.  
 0 ZINC 35 UG/L ENV. ENG.  
 0 GROSS ALPHA 3.05+-1.39 PCI/L HP, 735A  
 0 GROSS ALPHA 0.67+-0.59 PCI/L RAD. MEAS.  
 0 GROSS ALPHA 1.62+-0.77 PCI/L RAD. MEAS.  
 1 NONVOLATILE BETA 22.60+-2.70 PCI/L HP, 735A  
 1 NONVOLATILE BETA 11.60+-1.40 PCI/L RAD. MEAS.  
 1 NONVOLATILE BETA 12.70+-1.44 PCI/L RAD. MEAS.  
 2 TRITIUM 2710+-22.6 PCI/ML HP, 735A  
 2 TRITIUM 2510+-53.9 PCI/ML RAD. MEAS.  
 2 TRITIUM 2515+- 54 PCI/ML RAD. MEAS.

WELL HSB 71C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/19/88 TIME 1040  
 DEPTH TO WATER = 20.44 FT ( 6.23 M) BELOW THE TOC  
 WATER ELEVATION = 221.16 FT ( 67.41 M) MSL  
 PH = 6.9 ALKALINITY = 48 MG/L  
 SPECIFIC CONDUCTANCE = 700 UMHOS/CM  
 WATER TEMPERATURE = 18.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 23 GAL  
 THE WELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE 701.0 UMHOS ENV. ENG.  
 1 PH 7.82 PH ENV. ENG.  
 0 SILVER LT 2 UG/L ENV. ENG.  
 0 ARSENIC LT 2 UG/L ENV. ENG.  
 1 BARIUM 118 UG/L ENV. ENG.  
 0 CADMIUM 21400 UG/L ENV. ENG.  
 1 CHLORIDE 2 UG/L ENV. ENG.  
 0 COBALT 11000 UG/L ENV. ENG.  
 0 CHROMIUM LT 4 UG/L ENV. ENG.  
 0 COPPER LT 4 UG/L ENV. ENG.  
 0 FLUORIDE 11 UG/L ENV. ENG.  
 0 IRON 179 UG/L ENV. ENG.  
 0 MERCURY 26 UG/L ENV. ENG.  
 1 POTASSIUM LT 0.20 UG/L ENV. ENG.  
 1 MAGNESIUM 8800 UG/L ENV. ENG.  
 2 MANGANESE 7020 UG/L ENV. ENG.  
 1 SODIUM 64 UG/L ENV. ENG.  
 0 NICKEL 88400 UG/L ENV. ENG.  
 2 NITRATE AS NITROGEN LT 4 UG/L ENV. ENG.  
 0 LEAD 69800 UG/L ENV. ENG.  
 0 PHENOL LT 6 UG/L ENV. ENG.  
 0 ANTIMONY LT 5 UG/L ENV. ENG.  
 0 SELENIUM LT 30 UG/L ENV. ENG.  
 1 SILICA 3280 UG/L ENV. ENG.  
 0 SULFATE 7500 UG/L ENV. ENG.  
 0 TOTAL DISSOLVED SOLIDS 502000 UG/L ENV. ENG.  
 0 TOTAL ORGANIC CARBON LT 1000 UG/L ENV. ENG.  
 0 TOTAL ORGANIC HALOGENS LT 5 UG/L ENV. ENG.  
 0 TOTAL PHOSPHATES LT 20 UG/L ENV. ENG.  
 0 ZINC 14 UG/L ENV. ENG.  
 0 GROSS ALPHA 2.90+-1.36 PCI/L HP, 735A  
 2 GROSS ALPHA 16.70+-7.09 PCI/L RAD. MEAS.  
 2 NONVOLATILE BETA 86.40+-4.93 PCI/L HP, 735A  
 2 NONVOLATILE BETA 178+-10.4 PCI/L RAD. MEAS.  
 1 TOTAL RADIUM 3.92+-0.82 PCI/L RAD. MEAS.  
 2 TRITIUM 11200+-45.9 PCI/ML HP, 735A  
 2 TRITIUM 10394+- 113 PCI/ML RAD. MEAS.

WELL HSB 83A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/12/88 TIME 1320  
 DEPTH TO WATER = 66.50 FT ( 20.27 M) BELOW THE TOC  
 WATER ELEVATION = 170.80 FT ( 52.06 M) MSL  
 PH = 6.7 ALKALINITY = 80 MG/L  
 SPECIFIC CONDUCTANCE = 184 UMHOS/CM  
 WATER TEMPERATURE = 19.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 275 GAL

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE 200.0 UMHOS ENV. ENG.  
 1 PH 7.12 PH ENV. ENG.  
 0 CADMIUM LT 2 UG/L ENV. ENG.  
 0 COBALT LT 4 UG/L ENV. ENG.  
 0 CHROMIUM LT 4 UG/L ENV. ENG.  
 1 COPPER 28 UG/L ENV. ENG.  
 0 IRON LT 20 UG/L ENV. ENG.  
 0 MERCURY LT 0.20 UG/L ENV. ENG.  
 0 MANGANESE 2 UG/L ENV. ENG.  
 0 SODIUM 2300 UG/L ENV. ENG.  
 0 NICKEL 5 UG/L ENV. ENG.  
 0 NITRATE AS NITROGEN 80 UG/L ENV. ENG.  
 0 LEAD LT 6 UG/L ENV. ENG.  
 0 ANTIMONY LT 3 UG/L ENV. ENG.  
 0 TOTAL ORGANIC CARBON LT 1000 UG/L ENV. ENG.  
 0 TOTAL ORGANIC HALOGENS LT 5 UG/L ENV. ENG.  
 0 TOTAL PHOSPHATES 60 UG/L ENV. ENG.  
 0 ZINC 6 UG/L ENV. ENG.  
 0 GROSS ALPHA LT 3 PCI/L RAD. MEAS.  
 0 NONVOLATILE BETA 1.16+-0.89 PCI/L RAD. MEAS.  
 0 TRITIUM LT 0.70 PCI/ML RAD. MEAS.

## WELL HSB 83B

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/12/88 TIME 1400  
 DEPTH TO WATER = 14.87 FT ( 4.53 M) BELOW THE TOC  
 WATER ELEVATION = 222.13 FT ( 67.71 M) MSL  
 PH = 6.5 ALKALINITY = 50 MG/L  
 SPECIFIC CONDUCTANCE = 118 UMHS/CM  
 WATER TEMPERATURE = 18.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 262 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		192.0 UMHC	ENV. ENG.
1	PH		7.31 PH	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	COBALT	LT	4 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER		11 UG/L	ENV. ENG.
0	IRON	LT	20 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	MANGANESE		3 UG/L	ENV. ENG.
0	SODIUM		3530 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	LT	50 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	LT	50 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	ANTIMONY	LT	3 UG/L	ENV. ENG.
1	TOTAL ORGANIC CARBON		11800 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
1	TOTAL PHOSPHATES		490 UG/L	ENV. ENG.
0	ZINC		24 UG/L	ENV. ENG.
0	GROSS ALPHA	LT	3 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		2.02+-0.92 PCI/L	RAD. MEAS.
1	TRITIUM		11.60+-0.37 PCI/ML	RAD. MEAS.

## WELL HSB 83C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/12/88 TIME 1300  
 DEPTH TO WATER = 12.98 FT ( 3.96 M) BELOW THE TOC  
 WATER ELEVATION = 224.12 FT ( 68.31 M) MSL  
 PH = 4.7 ALKALINITY = 3 MG/L  
 SPECIFIC CONDUCTANCE = 24 UMHS/CM  
 WATER TEMPERATURE = 18.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 166 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		24.30 UMHC	ENV. ENG.
0	PH		5.47 PH	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	COBALT	LT	4 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER		10 UG/L	ENV. ENG.
0	IRON	LT	20 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	MANGANESE		8 UG/L	ENV. ENG.
0	SODIUM		1660 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		90 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	ANTIMONY	LT	3 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		70 UG/L	ENV. ENG.
0	ZINC		16 UG/L	ENV. ENG.
0	GROSS ALPHA		0.86+-0.72 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	LT	2 PCI/L	RAD. MEAS.
0	TRITIUM	LT	0.70 PCI/ML	RAD. MEAS.

## WELL HSB 83D

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/12/88 TIME 1340  
 DEPTH TO WATER = 11.68 FT ( 3.56 M) BELOW THE TOC  
 WATER ELEVATION = 225.32 FT ( 68.68 M) MSL  
 PH = 4.8 ALKALINITY = 2 MG/L  
 SPECIFIC CONDUCTANCE = 124 UMHS/CM  
 WATER TEMPERATURE = 19.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 76 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		97.10 UMHC	ENV. ENG.
0	PH		5.15 PH	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	COBALT	LT	4 UG/L	ENV. ENG.
0	COBALT	LT	4 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER		6 UG/L	ENV. ENG.
0	COPPER		6 UG/L	ENV. ENG.
0	IRON		49 UG/L	ENV. ENG.
0	IRON		57 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
2	MANGANESE		58 UG/L	ENV. ENG.
2	MANGANESE		59 UG/L	ENV. ENG.
1	SODIUM		23200 UG/L	ENV. ENG.
1	SODIUM		23100 UG/L	ENV. ENG.

CONTINUED

## WELL HSB 83D COLLECTED ON 10/12/88 LABORATORY ANALYSES CONTINUED

0	NICKEL	LT	4 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN		10300 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN		10400 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	ANTIMONY	LT	3 UG/L	ENV. ENG.
0	ANTIMONY	LT	3 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	ZINC		16 UG/L	ENV. ENG.
0	ZINC		14 UG/L	ENV. ENG.
0	GROSS ALPHA		2.61+-1.30 PCI/L	HP, 735A
0	GROSS ALPHA		2.33+-1.02 PCI/L	RAD. MEAS.
1	NONVOLATILE BETA		15.10+-2.30 PCI/L	HP, 735A
1	NONVOLATILE BETA		15.30+-1.52 PCI/L	RAD. MEAS.
2	TRITIUM		1570+-5.38 PCI/ML	HP, 735A
2	TRITIUM		1535+-3.48 PCI/ML	RAD. MEAS.

## WELL HSB 84A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/11/88 TIME 945  
 DEPTH TO WATER = 58.56 FT ( 17.85 M) BELOW THE TOC  
 WATER ELEVATION = 170.24 FT ( 51.89 M) MSL  
 PH = 4.0 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 230 UMHS/CM  
 WATER TEMPERATURE = 20.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 275 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	LT	10.00 UMHC	ENV. ENG.
0	PH		4.35 PH	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	COBALT	LT	4 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER		10 UG/L	ENV. ENG.
0	IRON		23 UG/L	ENV. ENG.
0	MERCURY		0.30 UG/L	ENV. ENG.
2	MANGANESE		268 UG/L	ENV. ENG.
1	SODIUM		25000 UG/L	ENV. ENG.
0	NICKEL		7 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN		22300 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
1	ANTIMONY		49 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		40 UG/L	ENV. ENG.
0	ZINC		49 UG/L	ENV. ENG.
2	GROSS ALPHA		30.90+-4.27 PCI/L	HP, 735A
2	GROSS ALPHA		27.40+-3.41 PCI/L	RAD. MEAS.
2	GROSS ALPHA		39.10+-4.17 PCI/L	RAD. MEAS.
2	NONVOLATILE BETA		3470+-30.3 PCI/L	HP, 735A
2	NONVOLATILE BETA		3917+-25.1 PCI/L	RAD. MEAS.
2	NONVOLATILE BETA		3916+-25.5 PCI/L	RAD. MEAS.
2	TRITIUM		17000+-63.7 PCI/ML	HP, 735A
2	TRITIUM		16422+-34.8 PCI/ML	RAD. MEAS.
2	TRITIUM		16233+-34.6 PCI/ML	RAD. MEAS.

## WELL HSB 84B

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/11/88 TIME 1220  
 DEPTH TO WATER = 18.18 FT ( 5.54 M) BELOW THE TOC  
 WATER ELEVATION = 210.72 FT ( 64.23 M) MSL  
 PH = 8.3 ALKALINITY = 80 MG/L  
 SPECIFIC CONDUCTANCE = 188 UMHS/CM  
 WATER TEMPERATURE = 20.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 231 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		199.0 UMHC	ENV. ENG.
2	PH		8.10 PH	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	COBALT	LT	4 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER		13 UG/L	ENV. ENG.
0	IRON	LT	20 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	MANGANESE		7 UG/L	ENV. ENG.
0	SODIUM		4130 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		580 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	ANTIMONY	LT	3 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		220 UG/L	ENV. ENG.
0	ZINC		58 UG/L	ENV. ENG.
0	GROSS ALPHA		0.21+-0.43 PCI/L	HP, 735A
0	GROSS ALPHA		1.18+-1.05 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		2.19+-1.55 PCI/L	HP, 735A
0	NONVOLATILE BETA		3.03+-1.10 PCI/L	RAD. MEAS.
2	TRITIUM		335+-2.86 PCI/ML	HP, 735A
2	TRITIUM		263+-1.46 PCI/ML	RAD. MEAS.

## WELL HSB 84C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/11/88 TIME 910  
 DEPTH TO WATER = 14.72 FT ( 4.49 M) BELOW THE TOC  
 WATER ELEVATION = 214.38 FT ( 65.34 M) MSL  
 PH = 7.1 ALKALINITY = 30 MG/L  
 SPECIFIC CONDUCTANCE = 92 UMHOS/CM  
 WATER TEMPERATURE = 19.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 18 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	85.00 UMHC	ENV. ENG.
1	PH	7.84 PH	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	COBALT	LT 4 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	COPPER	LT 10 UG/L	ENV. ENG.
0	IRON	LT 43 UG/L	ENV. ENG.
0	MERCURY	LT 0.20 UG/L	ENV. ENG.
0	MANGANESE	LT 3 UG/L	ENV. ENG.
0	SODIUM	LT 3710 UG/L	ENV. ENG.
0	NICKEL	LT 4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	LT 1100 UG/L	ENV. ENG.
0	LEAD	LT 4 UG/L	ENV. ENG.
0	ANTIMONY	LT 3 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT 5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT 70 UG/L	ENV. ENG.
0	ZINC	LT 23 UG/L	ENV. ENG.
0	GROSS ALPHA	0.21+-0.43 PCI/L	HP, 735A
0	GROSS ALPHA	LT 3 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	5.44+-1.86 PCI/L	HP, 735A
0	NONVOLATILE BETA	4.66+-1.14 PCI/L	RAD. MEAS.
2	TRITIUM	302+-2.72 PCI/ML	HP, 735A
2	TRITIUM	258+-1.39 PCI/ML	RAD. MEAS.

## WELL HSB 84D

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/11/88 TIME 1010  
 DEPTH TO WATER = 8.99 FT ( 2.74 M) BELOW THE TOC  
 WATER ELEVATION = 219.81 FT ( 67.00 M) MSL  
 PH = 4.4 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 99 UMHOS/CM  
 WATER TEMPERATURE = 19.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 57 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	115.0 UMHC	ENV. ENG.
0	PH	4.63 PH	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	COBALT	LT 4 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	COPPER	LT 4 UG/L	ENV. ENG.
0	IRON	LT 20 UG/L	ENV. ENG.
0	MERCURY	LT 0.36 UG/L	ENV. ENG.
1	MANGANESE	LT 38 UG/L	ENV. ENG.
1	SODIUM	LT 12700 UG/L	ENV. ENG.
0	NICKEL	LT 4 UG/L	ENV. ENG.
1	NITRATE AS NITROGEN	LT 8570 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
0	ANTIMONY	LT 3 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT 5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT 20 UG/L	ENV. ENG.
0	ZINC	LT 14 UG/L	ENV. ENG.
1	GROSS ALPHA	5.08+-1.81 PCI/L	HP, 735A
1	GROSS ALPHA	6.81+-1.41 PCI/L	RAD. MEAS.
2	NONVOLATILE BETA	84.90+-4.84 PCI/L	HP, 735A
2	NONVOLATILE BETA	89.20+-3.31 PCI/L	RAD. MEAS.
2	TRITIUM	2570+-7.81 PCI/ML	HP, 735A
2	TRITIUM	2322+-13.2 PCI/ML	RAD. MEAS.

## WELL HSB 85A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/14/88 TIME 1040  
 DEPTH TO WATER = 127.79 FT ( 38.95 M) BELOW THE TOC  
 WATER ELEVATION = 166.61 FT ( 50.78 M) MSL  
 PH = 6.5 ALKALINITY = 76 MG/L  
 SPECIFIC CONDUCTANCE = 177 UMHOS/CM  
 WATER TEMPERATURE = 19.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 281 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	190.0 UMHC	ENV. ENG.
1	SPECIFIC CONDUCTANCE	183.0 UMHC	ENV. ENG.
1	SPECIFIC CONDUCTANCE	179.0 UMHC	ENV. ENG.
1	SPECIFIC CONDUCTANCE	190.0 UMHC	ENV. ENG.
1	PH	6.97 PH	ENV. ENG.
1	PH	7.07 PH	ENV. ENG.
1	PH	7.00 PH	ENV. ENG.
1	PH	7.07 PH	ENV. ENG.
0	TURBIDITY	0.08 NTU	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
0	BARIUM	LT 37 UG/L	ENV. ENG.

CONTINUED

## WELL HSB 85A COLLECTED ON 10/14/88 LABORATORY ANALYSES CONTINUED

0	BARIUM	LT 35 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHLORIDE	LT 2600 UG/L	ENV. ENG.
0	COBALT	LT 4 UG/L	ENV. ENG.
1	COBALT	LT 8 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	COPPER	LT 12 UG/L	ENV. ENG.
0	ENDRIN	LT 0.10 UG/L	ENV. ENG.
0	ENDRIN	LT 0.10 UG/L	ENV. ENG.
0	FLUORIDE	LT 100 UG/L	ENV. ENG.
0	IRON	LT 20 UG/L	ENV. ENG.
0	IRON	LT 28 UG/L	ENV. ENG.
0	MERCURY	LT 0.20 UG/L	ENV. ENG.
0	LINDANE	LT 0.05 UG/L	ENV. ENG.
0	LINDANE	LT 0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT 0.50 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT 0.50 UG/L	ENV. ENG.
0	MANGANESE	LT 2 UG/L	ENV. ENG.
0	MANGANESE	LT 2 UG/L	ENV. ENG.
0	SODIUM	LT 1800 UG/L	ENV. ENG.
0	SODIUM	LT 2760 UG/L	ENV. ENG.
0	NICKEL	LT 4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	LT 60 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	ANTIMONY	LT 30 UG/L	ENV. ENG.
0	ANTIMONY	LT 30 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
0	SILVER	LT 0.09 UG/L	ENV. ENG.
0	SULFATE	LT 4800 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT 5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT 5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT 5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT 140 UG/L	ENV. ENG.
0	TOXAPHENE	LT 1 UG/L	ENV. ENG.
0	TOXAPHENE	LT 1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT 0.30 UG/L	ENV. ENG.
0	ZINC	LT 12 UG/L	ENV. ENG.
0	ZINC	LT 15 UG/L	ENV. ENG.
0	GROSS ALPHA	1.52+-1.05 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	5.03+-1.05 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT 1 PCI/L	RAD. MEAS.
0	TRITIUM	LT 0.70 PCI/ML	RAD. MEAS.

## WELL HSB 85B

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/14/88 TIME 1810  
 DEPTH TO WATER = 62.43 FT ( 19.03 M) BELOW THE TOC  
 WATER ELEVATION = 232.07 FT ( 70.74 M) MSL  
 PH = 9.4 ALKALINITY = 87 MG/L  
 SPECIFIC CONDUCTANCE = 187 UMHOS/CM  
 WATER TEMPERATURE = 20.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 50 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	180.0 UMHC	ENV. ENG.
1	SPECIFIC CONDUCTANCE	179.0 UMHC	ENV. ENG.
1	SPECIFIC CONDUCTANCE	187.0 UMHC	ENV. ENG.
1	SPECIFIC CONDUCTANCE	186.0 UMHC	ENV. ENG.
1	SPECIFIC CONDUCTANCE	176.0 UMHC	ENV. ENG.
2	PH	8.91 PH	ENV. ENG.
2	PH	8.94 PH	ENV. ENG.
2	PH	8.66 PH	ENV. ENG.
2	PH	8.66 PH	ENV. ENG.
2	PH	8.75 PH	ENV. ENG.
0	TURBIDITY	0.15 NTU	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
0	BARIUM	LT 36 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHLORIDE	LT 2200 UG/L	ENV. ENG.
0	COBALT	LT 4 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	COPPER	LT 11 UG/L	ENV. ENG.
0	ENDRIN	LT 0.10 UG/L	ENV. ENG.
0	FLUORIDE	LT 100 UG/L	ENV. ENG.
0	IRON	LT 20 UG/L	ENV. ENG.
0	MERCURY	LT 0.20 UG/L	ENV. ENG.
0	LINDANE	LT 0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT 0.50 UG/L	ENV. ENG.
0	MANGANESE	LT 2 UG/L	ENV. ENG.
1	SODIUM	LT 7240 UG/L	ENV. ENG.
0	NICKEL	LT 4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	LT 200 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	ANTIMONY	LT 30 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
0	SILVER	LT 0.09 UG/L	ENV. ENG.
0	SULFATE	LT 5000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT 5 UG/L	ENV. ENG.

CONTINUED

WELL HSB 85B COLLECTED ON 10/14/88 LABORATORY ANALYSES CONTINUED

0 TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0 TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0 TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0 TOTAL PHOSPHATES		120 UG/L	ENV. ENG.
0 TOXAPHENE	LT	1 UG/L	ENV. ENG.
0 2,4-DICHLOROPHENOXACETIC ACID	LT	0.30 UG/L	ENV. ENG.
0 ZINC	LT	2 UG/L	ENV. ENG.
0 GROSS ALPHA	LT	3 PCI/L	RAD. MEAS.
0 NONVOLATILE BETA		2.88+-0.93 PCI/L	RAD. MEAS.
0 TOTAL RADIUM		0.44+-0.44 PCI/L	RAD. MEAS.
0 TRITIUM		0.26+-0.22 PCI/ML	RAD. MEAS.

WELL HSB 85C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/14/88 TIME 1015  
 DEPTH TO WATER = 54.58 FT ( 17.25 M) BELOW THE TOC  
 WATER ELEVATION = 237.52 FT ( 72.40 M) MSL  
 PH = 6.1 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 28 UMHOS/CM  
 WATER TEMPERATURE = 19.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 61 GAL

LABORATORY ANALYSES

0 SPECIFIC CONDUCTANCE		32.70 UMHC	ENV. ENG.
0 SPECIFIC CONDUCTANCE		27.70 UMHC	ENV. ENG.
0 SPECIFIC CONDUCTANCE		27.40 UMHC	ENV. ENG.
0 SPECIFIC CONDUCTANCE		32.10 UMHC	ENV. ENG.
0 PH		5.15 PH	ENV. ENG.
0 PH		5.42 PH	ENV. ENG.
0 PH		4.92 PH	ENV. ENG.
0 PH		4.62 PH	ENV. ENG.
0 TURBIDITY		0.10 NTU	ENV. ENG.
0 SILVER	LT	2 UG/L	ENV. ENG.
0 ARSENIC	LT	2 UG/L	ENV. ENG.
0 BARIUM		5 UG/L	ENV. ENG.
0 CADMIUM	LT	2 UG/L	ENV. ENG.
0 CHLORIDE		2300 UG/L	ENV. ENG.
0 COBALT	LT	4 UG/L	ENV. ENG.
0 CHROMIUM	LT	4 UG/L	ENV. ENG.
0 COPPER		13 UG/L	ENV. ENG.
0 COPPER		13 UG/L	ENV. ENG.
0 ENDRIIN	LT	0.10 UG/L	ENV. ENG.
0 FLUORIDE	LT	100 UG/L	ENV. ENG.
0 IRON	LT	20 UG/L	ENV. ENG.
0 MERCURY	LT	0.20 UG/L	ENV. ENG.
0 LINDANE	LT	0.05 UG/L	ENV. ENG.
0 METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0 MANGANESE		3 UG/L	ENV. ENG.
0 SODIUM		3000 UG/L	ENV. ENG.
0 NICKEL	LT	4 UG/L	ENV. ENG.
0 NICKEL	LT	4 UG/L	ENV. ENG.
0 NITRATE AS NITROGEN		1590 UG/L	ENV. ENG.
0 LEAD	LT	6 UG/L	ENV. ENG.
0 LEAD	LT	6 UG/L	ENV. ENG.
0 PHENOL	LT	5 UG/L	ENV. ENG.
0 ANTIMONY	LT	30 UG/L	ENV. ENG.
0 SELENIUM	LT	2 UG/L	ENV. ENG.
0 SILVEX	LT	0.09 UG/L	ENV. ENG.
0 SULFATE	LT	5000 UG/L	ENV. ENG.
0 TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0 TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0 TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0 TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0 TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0 TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0 TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0 TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0 TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0 TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0 TOXAPHENE	LT	1 UG/L	ENV. ENG.
0 2,4-DICHLOROPHENOXACETIC ACID	LT	0.30 UG/L	ENV. ENG.
0 ZINC	LT	2 UG/L	ENV. ENG.
0 GROSS ALPHA		2.13+-0.86 PCI/L	RAD. MEAS.
0 NONVOLATILE BETA		2.52+-0.87 PCI/L	RAD. MEAS.
0 TOTAL RADIUM		0.49+-0.42 PCI/L	RAD. MEAS.
0 TRITIUM		2.49+-0.25 PCI/ML	RAD. MEAS.

WELL HSB 86A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/09/88 TIME 1450  
 DEPTH TO WATER = 95.91 FT ( 29.23 M) BELOW THE TOC  
 WATER ELEVATION = 166.49 FT ( 50.75 M) MSL  
 PH = 6.4 ALKALINITY = 45 MG/L  
 SPECIFIC CONDUCTANCE = 129 UMHOS/CM  
 WATER TEMPERATURE = 19.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 269 GAL

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE		144.0 UMHC	ENV. ENG.
1 PH		6.57 PH	ENV. ENG.
0 CADMIUM	LT	2 UG/L	ENV. ENG.
0 COBALT	LT	4 UG/L	ENV. ENG.
0 CHROMIUM	LT	4 UG/L	ENV. ENG.
0 COPPER		12 UG/L	ENV. ENG.
0 IRON	LT	20 UG/L	ENV. ENG.
0 MERCURY	LT	0.20 UG/L	ENV. ENG.
0 MERCURY	LT	0.20 UG/L	ENV. ENG.

CONTINUED

WELL HSB 86A COLLECTED ON 10/09/88 LABORATORY ANALYSES CONTINUED

0 MANGANESE		3 UG/L	ENV. ENG.
0 SODIUM		1750 UG/L	ENV. ENG.
0 NICKEL	LT	4 UG/L	ENV. ENG.
0 NITRATE AS NITROGEN		100 UG/L	ENV. ENG.
0 LEAD	LT	6 UG/L	ENV. ENG.
0 ANTIMONY	LT	3 UG/L	ENV. ENG.
0 TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0 TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0 TOTAL PHOSPHATES		190 UG/L	ENV. ENG.
0 ZINC		8 UG/L	ENV. ENG.
0 GROSS ALPHA	LT	3 PCI/L	RAD. MEAS.
0 NONVOLATILE BETA	LT	2 PCI/L	RAD. MEAS.
0 TRITIUM		4.87+-0.28 PCI/ML	RAD. MEAS.

WELL HSB 86B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/09/88 TIME 1600  
 DEPTH TO WATER = 39.46 FT ( 12.03 M) BELOW THE TOC  
 WATER ELEVATION = 222.44 FT ( 67.80 M) MSL  
 PH = 6.5 ALKALINITY = 87 MG/L  
 SPECIFIC CONDUCTANCE = 220 UMHOS/CM  
 WATER TEMPERATURE = 20.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 282 GAL

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE		224.0 UMHC	ENV. ENG.
1 PH		6.98 PH	ENV. ENG.
0 CADMIUM	LT	2 UG/L	ENV. ENG.
0 COBALT	LT	4 UG/L	ENV. ENG.
0 CHROMIUM	LT	4 UG/L	ENV. ENG.
0 COPPER		13 UG/L	ENV. ENG.
0 IRON	LT	20 UG/L	ENV. ENG.
0 MERCURY	LT	0.20 UG/L	ENV. ENG.
0 MANGANESE		3 UG/L	ENV. ENG.
0 SODIUM		2140 UG/L	ENV. ENG.
0 NICKEL	LT	4 UG/L	ENV. ENG.
0 NITRATE AS NITROGEN		130 UG/L	ENV. ENG.
0 LEAD	LT	6 UG/L	ENV. ENG.
0 ANTIMONY	LT	3 UG/L	ENV. ENG.
0 TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0 TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0 TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0 TOTAL PHOSPHATES		40 UG/L	ENV. ENG.
0 ZINC		8 UG/L	ENV. ENG.
0 GROSS ALPHA	LT	3 PCI/L	RAD. MEAS.
0 NONVOLATILE BETA	LT	2 PCI/L	RAD. MEAS.
0 TRITIUM	LT	0.70 PCI/ML	RAD. MEAS.

WELL HSB 86C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/09/88 TIME 1515  
 DEPTH TO WATER = 36.50 FT ( 11.13 M) BELOW THE TOC  
 WATER ELEVATION = 226.40 FT ( 69.01 M) MSL  
 PH = 4.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 370 UMHOS/CM  
 WATER TEMPERATURE = 20.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 96 GAL

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE		385.0 UMHC	ENV. ENG.
0 PH		5.28 PH	ENV. ENG.
1 CADMIUM		4 UG/L	ENV. ENG.
0 COBALT		26 UG/L	ENV. ENG.
0 CHROMIUM	LT	4 UG/L	ENV. ENG.
0 COPPER		10 UG/L	ENV. ENG.
0 IRON		26 UG/L	ENV. ENG.
0 MERCURY	LT	0.20 UG/L	ENV. ENG.
2 MANGANESE		2080 UG/L	ENV. ENG.
1 SODIUM		53800 UG/L	ENV. ENG.
1 NICKEL		46 UG/L	ENV. ENG.
2 NITRATE AS NITROGEN		42200 UG/L	ENV. ENG.
0 LEAD	LT	6 UG/L	ENV. ENG.
0 ANTIMONY	LT	3 UG/L	ENV. ENG.
0 TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0 TOTAL ORGANIC HALOGENS		6 UG/L	ENV. ENG.
0 TOTAL ORGANIC HALOGENS		5 UG/L	ENV. ENG.
0 TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0 ZINC		23 UG/L	ENV. ENG.
1 GROSS ALPHA		7.98+-2.23 PCI/L	HP, 735A
1 GROSS ALPHA		13.30+-3.50 PCI/L	RAD. MEAS.
2 NONVOLATILE BETA		59.80+-4.10 PCI/L	HP, 735A
2 NONVOLATILE BETA		79.90+-4.87 PCI/L	RAD. MEAS.
2 TRITIUM		21200+- 64 PCI/ML	HP, 735A
2 TRITIUM		20229+- 85 PCI/ML	RAD. MEAS.

## WELL HSB 860

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/09/88 TIME 1535  
 DEPTH TO WATER = 36.40 FT ( 11.09 M) BELOW THE TOC  
 WATER ELEVATION = 226.60 FT ( 69.07 M) MSL  
 PH = 3.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 430 UMHOS/CM  
 WATER TEMPERATURE = 20.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 56 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	413.0 UMHOS	ENV. ENG.
1	PH	3.90 PH	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
1	COBALT	7 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	COPPER	17 UG/L	ENV. ENG.
0	IRON	23 UG/L	ENV. ENG.
0	MERCURY	LT 0.20 UG/L	ENV. ENG.
2	MANGANESE	386 UG/L	ENV. ENG.
1	SODIUM	35300 UG/L	ENV. ENG.
1	NICKEL	17 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN	48400 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
0	ANTIMONY	LT 3 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT 5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	20 UG/L	ENV. ENG.
0	ZINC	92 UG/L	ENV. ENG.
2	GROSS ALPHA	62.50+-6.05 PCI/L	HP, 735A
2	GROSS ALPHA	85.00+-7.47 PCI/L	RAD. MEAS.
2	NONVOLATILE BETA	3440+-30.2 PCI/L	HP, 735A
2	NONVOLATILE BETA	4036+-32.6 PCI/L	RAD. MEAS.
2	TRITIUM	16800+-57.1 PCI/ML	HP, 735A
2	TRITIUM	18770+-37.2 PCI/ML	RAD. MEAS.

## WELL HSB100C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/01/88 TIME 1325  
 DEPTH TO WATER = 34.66 FT ( 10.56 M) BELOW THE TOC  
 WATER ELEVATION = 225.84 FT ( 68.75 M) MSL  
 PH = 5.1 ALKALINITY = 8 MG/L  
 SPECIFIC CONDUCTANCE = 35 UMHOS/CM  
 WATER TEMPERATURE = 20.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 205 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	38.10 UMHOS	ENV. ENG.
0	PH	5.97 PH	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
0	BARIUM	LT 4 UG/L	ENV. ENG.
0	CADMIUM	8150 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHLORIDE	3100 UG/L	ENV. ENG.
0	COBALT	LT 4 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	COPPER	LT 4 UG/L	ENV. ENG.
0	FLUORIDE	120 UG/L	ENV. ENG.
0	IRON	LT 20 UG/L	ENV. ENG.
0	MERCURY	LT 0.20 UG/L	ENV. ENG.
0	POTASSIUM	1230 UG/L	ENV. ENG.
0	MAGNESIUM	610 UG/L	ENV. ENG.
0	MANGANESE	4 UG/L	ENV. ENG.
0	SODIUM	2300 UG/L	ENV. ENG.
0	NICKEL	LT 4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	270 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	ANTIMONY	LT 3 UG/L	ENV. ENG.
0	ANTIMONY	LT 3 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
1	SILICA	12600 UG/L	ENV. ENG.
0	SULFATE	LT 5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	44000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
2	TOTAL ORGANIC HALOGENS	368 UG/L	ENV. ENG.
1	TOTAL PHOSPHATES	410 UG/L	ENV. ENG.
0	ZINC	17 UG/L	ENV. ENG.
0	GROSS ALPHA	LT 3 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	LT 2 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT 1 PCI/L	RAD. MEAS.
2	TRITIUM	61.70+-0.73 PCI/ML	RAD. MEAS.

## WELL HSB1000

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/01/88 TIME 1345  
 DEPTH TO WATER = 27.54 FT ( 8.39 M) BELOW THE TOC  
 WATER ELEVATION = 232.56 FT ( 70.89 M) MSL  
 PH = 5.1 ALKALINITY = 6 MG/L  
 SPECIFIC CONDUCTANCE = 54 UMHOS/CM  
 WATER TEMPERATURE = 21.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 56 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	57.20 UMHOS	ENV. ENG.
0	PH	5.15 PH	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
0	BARIUM	13 UG/L	ENV. ENG.
0	CADMIUM	7620 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHLORIDE	4300 UG/L	ENV. ENG.
0	COBALT	LT 4 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	COPPER	13 UG/L	ENV. ENG.
0	FLUORIDE	LT 100 UG/L	ENV. ENG.
0	FLUORIDE	LT 100 UG/L	ENV. ENG.
0	IRON	LT 20 UG/L	ENV. ENG.
0	MERCURY	0.30 UG/L	ENV. ENG.
0	MERCURY	0.30 UG/L	ENV. ENG.
0	POTASSIUM	LT 500 UG/L	ENV. ENG.
0	MAGNESIUM	867 UG/L	ENV. ENG.
1	MANGANESE	36 UG/L	ENV. ENG.
1	SODIUM	6090 UG/L	ENV. ENG.
1	NICKEL	20 UG/L	ENV. ENG.
1	NITRATE AS NITROGEN	3280 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	ANTIMONY	LT 5 UG/L	ENV. ENG.
0	SELENIUM	LT 3 UG/L	ENV. ENG.
1	SILICA	LT 2 UG/L	ENV. ENG.
0	SULFATE	LT 6800 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	5000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	46000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT 5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT 5 UG/L	ENV. ENG.
0	ZINC	LT 20 UG/L	ENV. ENG.
0	GROSS ALPHA	76 UG/L	ENV. ENG.
0	GROSS ALPHA	0.74+-0.64 PCI/L	HP, 735A
0	NONVOLATILE BETA	1.37+-0.92 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	4.31+-1.79 PCI/L	HP, 735A
0	NONVOLATILE BETA	3.64+-1.09 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	0.45+-0.39 PCI/L	RAD. MEAS.
2	TRITIUM	323+-7.00 PCI/ML	HP, 735A
2	TRITIUM	311+-1.58 PCI/ML	RAD. MEAS.

## WELL HSB101C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/01/88 TIME 1435  
 DEPTH TO WATER = 33.97 FT ( 10.35 M) BELOW THE TOC  
 WATER ELEVATION = 224.53 FT ( 68.44 M) MSL  
 PH = 7.9 ALKALINITY = 40 MG/L  
 SPECIFIC CONDUCTANCE = 108 UMHOS/CM  
 WATER TEMPERATURE = 20.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 210 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	154.0 UMHOS	ENV. ENG.
1	PH	7.54 PH	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
0	BARIUM	15 UG/L	ENV. ENG.
0	BARIUM	15 UG/L	ENV. ENG.
1	CADMIUM	18000 UG/L	ENV. ENG.
1	CADMIUM	17400 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHLORIDE	3000 UG/L	ENV. ENG.
0	COBALT	LT 4 UG/L	ENV. ENG.
0	COBALT	LT 4 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
1	CHROMIUM	5 UG/L	ENV. ENG.
0	COPPER	8 UG/L	ENV. ENG.
0	COPPER	8 UG/L	ENV. ENG.
0	FLUORIDE	100 UG/L	ENV. ENG.
0	IRON	LT 20 UG/L	ENV. ENG.
0	MERCURY	LT 0.20 UG/L	ENV. ENG.
0	POTASSIUM	4630 UG/L	ENV. ENG.
0	MAGNESIUM	1380 UG/L	ENV. ENG.
0	MAGNESIUM	1350 UG/L	ENV. ENG.
0	MANGANESE	13 UG/L	ENV. ENG.
0	MANGANESE	14 UG/L	ENV. ENG.
1	SODIUM	6790 UG/L	ENV. ENG.
1	SODIUM	6540 UG/L	ENV. ENG.
0	NICKEL	LT 4 UG/L	ENV. ENG.
0	NICKEL	LT 4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	1280 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	1320 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
1	ANTIMONY	23 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.

CONTINUED

WELL HSB101C COLLECTED ON 10/01/88 LABORATORY ANALYSES CONTINUED

1 SILICA		11000 UG/L	ENV. ENG.
0 SULFATE	LT	5000 UG/L	ENV. ENG.
0 TOTAL DISSOLVED SOLIDS		70000 UG/L	ENV. ENG.
0 TOTAL DISSOLVED SOLIDS		76000 UG/L	ENV. ENG.
0 TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
2 TOTAL ORGANIC HALOGENS		646 UG/L	ENV. ENG.
0 TOTAL PHOSPHATES		250 UG/L	ENV. ENG.
0 ZINC		13 UG/L	ENV. ENG.
0 ZINC		11 UG/L	ENV. ENG.
0 GROSS ALPHA	LT	3 PCI/L	RAD. MEAS.
0 GROSS ALPHA	LT	3 PCI/L	RAD. MEAS.
0 NONVOLATILE BETA		4.19+-1.12 PCI/L	RAD. MEAS.
0 NONVOLATILE BETA		3.75+-1.10 PCI/L	RAD. MEAS.
0 TOTAL RADIUM	LT	1 PCI/L	RAD. MEAS.
0 TOTAL RADIUM	LT	1 PCI/L	RAD. MEAS.
0 TRITIUM		2.17+-0.24 PCI/ML	RAD. MEAS.
0 TRITIUM		1.74+-0.24 PCI/ML	RAD. MEAS.

WELL HSB101D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/01/88 TIME 1500  
 DEPTH TO WATER = 28.47 FT ( 8.65 M) BELOW THE TOC  
 WATER ELEVATION = 230.23 FT ( 70.17 M) MSL  
 PH = 7.3 ALKALINITY = 81 MG/L  
 SPECIFIC CONDUCTANCE = 1000 UMHO/CM  
 WATER TEMPERATURE = 21.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 59 GAL

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE		1005 UMHC	ENV. ENG.
1 SPECIFIC CONDUCTANCE		1002 UMHC	ENV. ENG.
1 PH		7.99 PH	ENV. ENG.
1 PH		7.99 PH	ENV. ENG.
0 SILVER	LT	2 UG/L	ENV. ENG.
2 ARSENIC		27 UG/L	ENV. ENG.
0 BARIUM	LT	4 UG/L	ENV. ENG.
0 CALCIUM		278 UG/L	ENV. ENG.
0 CADMIUM	LT	2 UG/L	ENV. ENG.
0 CHLORIDE		2800 UG/L	ENV. ENG.
0 COBALT	LT	4 UG/L	ENV. ENG.
0 CHROMIUM	LT	4 UG/L	ENV. ENG.
0 COPPER	LT	4 UG/L	ENV. ENG.
0 FLUORIDE		250 UG/L	ENV. ENG.
0 IRON	LT	20 UG/L	ENV. ENG.
2 MERCURY		10.1 UG/L	ENV. ENG.
0 POTASSIUM		857 UG/L	ENV. ENG.
0 MAGNESIUM		177 UG/L	ENV. ENG.
0 MANGANESE		10 UG/L	ENV. ENG.
1 SODIUM		203000 UG/L	ENV. ENG.
0 NICKEL		6 UG/L	ENV. ENG.
2 NITRATE AS NITROGEN		95100 UG/L	ENV. ENG.
2 NITRATE AS NITROGEN		94600 UG/L	ENV. ENG.
0 LEAD	LT	6 UG/L	ENV. ENG.
0 PHENOL	LT	5 UG/L	ENV. ENG.
0 ANTIMONY	LT	3 UG/L	ENV. ENG.
0 SELENIUM	LT	2 UG/L	ENV. ENG.
1 SILICA		4400 UG/L	ENV. ENG.
1 SILICA		4500 UG/L	ENV. ENG.
1 SULFATE		16000 UG/L	ENV. ENG.
0 TOTAL DISSOLVED SOLIDS		721000 UG/L	ENV. ENG.
0 TOTAL DISSOLVED SOLIDS		737000 UG/L	ENV. ENG.
0 TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0 TOTAL ORGANIC HALOGENS		6 UG/L	ENV. ENG.
1 TOTAL PHOSPHATES		850 UG/L	ENV. ENG.
1 TOTAL PHOSPHATES		860 UG/L	ENV. ENG.
0 ZINC		10 UG/L	ENV. ENG.
0 GROSS ALPHA		0.19+-0.38 PCI/L	HP, 735A
0 GROSS ALPHA	LT	3 PCI/L	RAD. MEAS.
1 NONVOLATILE BETA		38.20+-5.33 PCI/L	HP, 735A
2 NONVOLATILE BETA		113+-11.4 PCI/L	RAD. MEAS.
0 TOTAL RADIUM	LT	1 PCI/L	RAD. MEAS.
2 TRITIUM		21600+-433 PCI/ML	HP, 735A
2 TRITIUM		2159+-11.3 PCI/ML	RAD. MEAS.

WELL HSB102C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/25/88 TIME 1015  
 DEPTH TO WATER = 35.18 FT ( 10.72 M) BELOW THE TOC  
 WATER ELEVATION = 223.82 FT ( 68.22 M) MSL  
 PH = 5.8 ALKALINITY = 10 MG/L  
 SPECIFIC CONDUCTANCE = 194 UMHO/CM  
 WATER TEMPERATURE = 18.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 168 GAL

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE		194.0 UMHC	ENV. ENG.
0 PH		6.12 PH	ENV. ENG.
0 SILVER	LT	2 UG/L	ENV. ENG.
0 ARSENIC	LT	2 UG/L	ENV. ENG.
0 BARIUM		20 UG/L	ENV. ENG.
0 CALCIUM		4480 UG/L	ENV. ENG.
0 CADMIUM	LT	2 UG/L	ENV. ENG.
0 CHLORIDE		5100 UG/L	ENV. ENG.
0 COBALT	LT	4 UG/L	ENV. ENG.
0 CHROMIUM	LT	4 UG/L	ENV. ENG.
0 COPPER	LT	4 UG/L	ENV. ENG.
0 FLUORIDE	LT	100 UG/L	ENV. ENG.

CONTINUED

WELL HSB102C COLLECTED ON 10/25/88 LABORATORY ANALYSES CONTINUED

0 IRON	LT	20 UG/L	ENV. ENG.
2 MERCURY		1.05 UG/L	ENV. ENG.
0 POTASSIUM		3950 UG/L	ENV. ENG.
0 MAGNESIUM		1390 UG/L	ENV. ENG.
2 MANGANESE		83 UG/L	ENV. ENG.
1 SODIUM		24400 UG/L	ENV. ENG.
0 NICKEL	LT	4 UG/L	ENV. ENG.
2 NITRATE AS NITROGEN		15600 UG/L	ENV. ENG.
0 LEAD	LT	6 UG/L	ENV. ENG.
0 PHENOL	LT	5 UG/L	ENV. ENG.
0 PHENOL	LT	5 UG/L	ENV. ENG.
0 ANTIMONY	LT	5 UG/L	ENV. ENG.
0 SELENIUM	LT	30 UG/L	ENV. ENG.
1 SILICA		4750 UG/L	ENV. ENG.
0 SULFATE	LT	5000 UG/L	ENV. ENG.
0 TOTAL DISSOLVED SOLIDS		224000 UG/L	ENV. ENG.
0 TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0 TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0 TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0 TOTAL PHOSPHATES		170 UG/L	ENV. ENG.
0 ZINC		11 UG/L	ENV. ENG.
0 GROSS ALPHA		1.14+-0.74 PCI/L	HP, 735A
0 GROSS ALPHA		4.63+-1.50 PCI/L	RAD. MEAS.
0 NONVOLATILE BETA		6.75+-1.65 PCI/L	HP, 735A
0 NONVOLATILE BETA		9.16+-1.32 PCI/L	RAD. MEAS.
0 TOTAL RADIUM		1.28+-0.46 PCI/L	RAD. MEAS.
2 TRITIUM		327+-2.57 PCI/ML	HP, 735A
2 TRITIUM		330+-3.22 PCI/ML	RAD. MEAS.

WELL HSB102D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/25/88 TIME 1035  
 PH = 4.2 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 853 UMHO/CM  
 WATER TEMPERATURE = 18.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 5 GAL  
 THE WELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE		881.0 UMHC	ENV. ENG.
0 PH		4.19 PH	ENV. ENG.
0 SILVER	LT	2 UG/L	ENV. ENG.
0 ARSENIC	LT	2 UG/L	ENV. ENG.
1 BARIUM		115 UG/L	ENV. ENG.
1 CALCIUM		19100 UG/L	ENV. ENG.
0 CADMIUM	LT	2 UG/L	ENV. ENG.
0 CHLORIDE		3500 UG/L	ENV. ENG.
0 CHLORIDE		4000 UG/L	ENV. ENG.
1 COBALT		7 UG/L	ENV. ENG.
0 CHROMIUM	LT	4 UG/L	ENV. ENG.
0 COPPER		15 UG/L	ENV. ENG.
0 FLUORIDE		360 UG/L	ENV. ENG.
0 FLUORIDE		360 UG/L	ENV. ENG.
2 IRON		704 UG/L	ENV. ENG.
0 MERCURY		0.36 UG/L	ENV. ENG.
1 POTASSIUM		20000 UG/L	ENV. ENG.
0 MAGNESIUM		3780 UG/L	ENV. ENG.
2 MANGANESE		1010 UG/L	ENV. ENG.
1 SODIUM		59400 UG/L	ENV. ENG.
1 NICKEL		23 UG/L	ENV. ENG.
2 NITRATE AS NITROGEN		98800 UG/L	ENV. ENG.
0 LEAD		12 UG/L	ENV. ENG.
0 PHENOL	LT	5 UG/L	ENV. ENG.
0 ANTIMONY	LT	30 UG/L	ENV. ENG.
0 SELENIUM	LT	2 UG/L	ENV. ENG.
1 SILICA		8940 UG/L	ENV. ENG.
0 SULFATE	LT	5000 UG/L	ENV. ENG.
0 SULFATE	LT	5000 UG/L	ENV. ENG.
0 TOTAL DISSOLVED SOLIDS		646000 UG/L	ENV. ENG.
0 TOTAL ORGANIC CARBON		1100 UG/L	ENV. ENG.
1 TOTAL ORGANIC HALOGENS		10 UG/L	ENV. ENG.
1 TOTAL ORGANIC HALOGENS		15 UG/L	ENV. ENG.
0 TOTAL PHOSPHATES		80 UG/L	ENV. ENG.
0 ZINC		163 UG/L	ENV. ENG.
1 GROSS ALPHA		8.97+-2.37 PCI/L	HP, 735A
2 GROSS ALPHA		25.40+-2.85 PCI/L	RAD. MEAS.
2 NONVOLATILE BETA		8200+-59.5 PCI/L	HP, 735A
2 NONVOLATILE BETA		1963+-14.9 PCI/L	RAD. MEAS.
2 TOTAL RADIUM		24.60+-1.76 PCI/L	RAD. MEAS.
2 TRITIUM		42300+-91.4 PCI/ML	HP, 735A
2 TRITIUM		41574+-222 PCI/ML	RAD. MEAS.

WELL HSB103C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/01/88 TIME 1555  
 DEPTH TO WATER = 24.40 FT ( 7.44 M) BELOW THE TOC  
 WATER ELEVATION = 223.00 FT ( 67.97 M) MSL  
 PH = 4.9 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 230 UMHO/CM  
 WATER TEMPERATURE = 19.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 182 GAL

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE		244.0 UMHC	ENV. ENG.
0 PH		4.79 PH	ENV. ENG.
0 SILVER	LT	2 UG/L	ENV. ENG.
0 ARSENIC	LT	2 UG/L	ENV. ENG.
1 BARIUM		58 UG/L	ENV. ENG.

CONTINUED

## WELL HSB103C COLLECTED ON 10/01/88 LABORATORY ANALYSES CONTINUED

1	CALCIUM		11200 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		7700 UG/L	ENV. ENG.
1	COBALT		8 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER	LT	4 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	IRON		30 UG/L	ENV. ENG.
2	MERCURY		1.80 UG/L	ENV. ENG.
0	POTASSIUM		3360 UG/L	ENV. ENG.
0	MAGNESIUM		462 UG/L	ENV. ENG.
2	MANGANESE		368 UG/L	ENV. ENG.
1	SODIUM		24200 UG/L	ENV. ENG.
0	NICKEL		8 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN		21500 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	ANTIMONY	LT	3 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		9500 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		182000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
2	TOTAL ORGANIC HALOGENS		938 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	ZINC		39 UG/L	ENV. ENG.
0	GROSS ALPHA		1.81+-0.87 PCI/L	HP, 735A
1	GROSS ALPHA		7.66+-2.23 PCI/L	RAD. MEAS.
1	NONVOLATILE BETA		20.40+-2.50 PCI/L	HP, 735A
1	NONVOLATILE BETA		21.60+-2.22 PCI/L	RAD. MEAS.
0	TOTAL RADIUM		2.15+-0.66 PCI/L	RAD. MEAS.
2	TRITIUM		884+- 19 PCI/ML	HP, 735A
2	TRITIUM		895+-2.66 PCI/ML	RAD. MEAS.

## WELL HSB103D

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/01/88 TIME 1615  
 DEPTH TO WATER = 21.59 FT ( 6.58 M) BELOW THE TOC  
 WATER ELEVATION = 228.01 FT ( 68.89 M) MSL  
 PH = 4.0 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 310 UMHOS/CM  
 WATER TEMPERATURE = 21.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 48 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		305.0 UMHG	ENV. ENG.
0	PH		4.45 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
1	BARIUM		66 UG/L	ENV. ENG.
0	CALCIUM		1480 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		5000 UG/L	ENV. ENG.
0	COBALT		4 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER		5 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	IRON		48 UG/L	ENV. ENG.
2	MERCURY		2.72 UG/L	ENV. ENG.
0	POTASSIUM		2080 UG/L	ENV. ENG.
0	MAGNESIUM		1960 UG/L	ENV. ENG.
2	MANGANESE		52 UG/L	ENV. ENG.
1	SODIUM		48000 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN		35000 UG/L	ENV. ENG.
0	LEAD		10 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	ANTIMONY	LT	3 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		8300 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		227000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	ZINC		16 UG/L	ENV. ENG.
1	GROSS ALPHA		6.95+-1.86 PCI/L	HP, 735A
2	GROSS ALPHA		41.20+-4.87 PCI/L	RAD. MEAS.
2	NONVOLATILE BETA		378+-10.1 PCI/L	HP, 735A
2	NONVOLATILE BETA		604+-10.3 PCI/L	RAD. MEAS.
2	TOTAL RADIUM		15.90+-1.98 PCI/L	RAD. MEAS.
2	TRITIUM		2780+- 57 PCI/ML	HP, 735A
2	TRITIUM		282+-4.26 PCI/ML	RAD. MEAS.

## WELL HSB104C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/02/88 TIME 1220  
 DEPTH TO WATER = 27.82 FT ( 8.48 M) BELOW THE TOC  
 WATER ELEVATION = 220.08 FT ( 67.08 M) MSL  
 PH = 9.9 ALKALINITY = 55 MG/L  
 SPECIFIC CONDUCTANCE = 210 UMHOS/CM  
 WATER TEMPERATURE = 20.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 163 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		215.0 UMHG	ENV. ENG.
2	PH		9.33 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		26 UG/L	ENV. ENG.
1	CALCIUM		18400 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		4000 UG/L	ENV. ENG.
0	COBALT	LT	4 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER	LT	4 UG/L	ENV. ENG.
0	FLUORIDE		130 UG/L	ENV. ENG.
0	IRON		24 UG/L	ENV. ENG.
0	MERCURY		0.30 UG/L	ENV. ENG.
1	POTASSIUM		12400 UG/L	ENV. ENG.
0	MAGNESIUM		174 UG/L	ENV. ENG.
0	MANGANESE		24 UG/L	ENV. ENG.
1	SODIUM		19700 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
1	NITRATE AS NITROGEN		5330 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	ANTIMONY	LT	3 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		10900 UG/L	ENV. ENG.
0	SULFATE		7600 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		150000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
2	TOTAL ORGANIC HALOGENS		349 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		40 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		50 UG/L	ENV. ENG.
0	ZINC		24 UG/L	ENV. ENG.
0	GROSS ALPHA		0.32+-0.48 PCI/L	HP, 735A
0	GROSS ALPHA		3.70+-1.84 PCI/L	RAD. MEAS.
1	NONVOLATILE BETA		23.20+-3.06 PCI/L	HP, 735A
1	NONVOLATILE BETA		23.70+-2.30 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT	1 PCI/L	RAD. MEAS.
2	TRITIUM		516+- 10 PCI/ML	HP, 735A
2	TRITIUM		483+-1.94 PCI/ML	RAD. MEAS.

## WELL HSB104D

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/02/88 TIME 1040  
 DEPTH TO WATER = 22.30 FT ( 6.80 M) BELOW THE TOC  
 WATER ELEVATION = 225.50 FT ( 68.75 M) MSL  
 PH = 3.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 500 UMHOS/CM  
 WATER TEMPERATURE = 18.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 83 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		482.0 UMHG	ENV. ENG.
1	PH		3.95 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
1	ARSENIC		3 UG/L	ENV. ENG.
1	BARIUM		108 UG/L	ENV. ENG.
0	CALCIUM		3890 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		3000 UG/L	ENV. ENG.
1	COBALT		16 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER		17 UG/L	ENV. ENG.
0	FLUORIDE		440 UG/L	ENV. ENG.
0	IRON		430 UG/L	ENV. ENG.
2	MERCURY		122 UG/L	ENV. ENG.
2	MERCURY		6.56 UG/L	ENV. ENG.
0	POTASSIUM		7.28 UG/L	ENV. ENG.
0	MAGNESIUM		1330 UG/L	ENV. ENG.
2	MANGANESE		1700 UG/L	ENV. ENG.
1	SODIUM		938 UG/L	ENV. ENG.
1	NICKEL		41300 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN		19 UG/L	ENV. ENG.
0	LEAD		50200 UG/L	ENV. ENG.
0	PHENOL	LT	9 UG/L	ENV. ENG.
0	ANTIMONY	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	3 UG/L	ENV. ENG.
1	SILICA		2 UG/L	ENV. ENG.
1	SULFATE		11400 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		10100 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	263000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	1000 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		70 UG/L	ENV. ENG.
0	ZINC		53 UG/L	ENV. ENG.
2	GROSS ALPHA		45.90+-4.18 PCI/L	HP, 735A
2	GROSS ALPHA		90.10+-8.24 PCI/L	RAD. MEAS.
2	NONVOLATILE BETA		5370+-38.1 PCI/L	HP, 735A
2	NONVOLATILE BETA		7493+- 45 PCI/L	RAD. MEAS.
2	TOTAL RADIUM		38.40+-3.01 PCI/L	RAD. MEAS.
2	TRITIUM		12900+- 260 PCI/ML	HP, 735A
2	TRITIUM		1356+-9.02 PCI/ML	RAD. MEAS.



## WELL HSB105C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/02/88 TIME 1320  
 DEPTH TO WATER = 30.32 FT ( 9.24 M) BELOW THE TOC  
 WATER ELEVATION = 219.18 FT ( 66.81 M) MSL  
 PH = 5.9 ALKALINITY = 14 MG/L  
 SPECIFIC CONDUCTANCE = 79 UMHOS/CM  
 WATER TEMPERATURE = 18.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 188 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	73.90 UMHC	ENV. ENG.
0	PH	5.59 PH	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
0	BARIUM	6 UG/L	ENV. ENG.
1	CALCIUM	12700 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHLORIDE	3600 UG/L	ENV. ENG.
0	COBALT	LT 4 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	COPPER	LT 4 UG/L	ENV. ENG.
0	FLUORIDE	LT 100 UG/L	ENV. ENG.
0	IRON	LT 20 UG/L	ENV. ENG.
0	MERCURY	LT 0.20 UG/L	ENV. ENG.
0	POTASSIUM	2280 UG/L	ENV. ENG.
0	MAGNESIUM	707 UG/L	ENV. ENG.
0	MANGANESE	11 UG/L	ENV. ENG.
0	SODIUM	3100 UG/L	ENV. ENG.
0	NICKEL	4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	2540 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	ANTIMONY	LT 3 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
1	SILICA	10800 UG/L	ENV. ENG.
0	SULFATE	LT 5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	64000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
1	TOTAL ORGANIC HALOGENS	11 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	110 UG/L	ENV. ENG.
0	ZINC	33 UG/L	ENV. ENG.
0	GROSS ALPHA	0.00+-0.30 PCI/L	HP, 735A
0	GROSS ALPHA	LT 3 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	3.09+-1.34 PCI/L	HP, 735A
0	NONVOLATILE BETA	2.03+-1.01 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT 1 PCI/L	RAD. MEAS.
2	TRITIUM	88.70+-2.00 PCI/ML	HP, 735A
2	TRITIUM	94.40+-0.89 PCI/ML	RAD. MEAS.

## WELL HSB105D

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/02/88 TIME 1300  
 DEPTH TO WATER = 23.52 FT ( 7.17 M) BELOW THE TOC  
 WATER ELEVATION = 225.98 FT ( 68.88 M) MSL  
 PH = 3.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 570 UMHOS/CM  
 WATER TEMPERATURE = 18.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 53 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	591.0 UMHC	ENV. ENG.
1	PH	4.00 PH	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
1	BARIUM	94 UG/L	ENV. ENG.
0	CALCIUM	3660 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHLORIDE	2600 UG/L	ENV. ENG.
1	COBALT	8 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	COPPER	LT 4 UG/L	ENV. ENG.
1	FLUORIDE	890 UG/L	ENV. ENG.
0	IRON	47 UG/L	ENV. ENG.
2	MERCURY	3.85 UG/L	ENV. ENG.
0	POTASSIUM	1530 UG/L	ENV. ENG.
0	MAGNESIUM	3040 UG/L	ENV. ENG.
2	MANGANESE	502 UG/L	ENV. ENG.
1	SODIUM	57100 UG/L	ENV. ENG.
1	NICKEL	9 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN	58900 UG/L	ENV. ENG.
0	LEAD	LT 4 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	ANTIMONY	LT 3 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
1	SILICA	6800 UG/L	ENV. ENG.
0	SULFATE	LT 5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	308000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT 5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT 20 UG/L	ENV. ENG.
0	ZINC	29 UG/L	ENV. ENG.
2	GROSS ALPHA	28.90+-3.32 PCI/L	HP, 735A
2	GROSS ALPHA	22.00+-3.65 PCI/L	RAD. MEAS.
2	GROSS ALPHA	15.70+-5.10 PCI/L	RAD. MEAS.
2	NONVOLATILE BETA	2230+-24.6 PCI/L	HP, 735A
2	NONVOLATILE BETA	1162+-17.7 PCI/L	RAD. MEAS.
2	NONVOLATILE BETA	1183+-17.8 PCI/L	RAD. MEAS.
2	TOTAL RADIUM	25.20+-2.30 PCI/L	RAD. MEAS.
2	TOTAL RADIUM	25.60+-2.40 PCI/L	RAD. MEAS.
2	TRITIUM	11500+-230 PCI/ML	HP, 735A

CONTINUED

## WELL HSB105D COLLECTED ON 10/02/88 LABORATORY ANALYSES CONTINUED

2 TRITIUM 11596+-64.7 PCI/ML RAD. MEAS.  
 2 TRITIUM 11382+-64.1 PCI/ML RAD. MEAS.

## WELL HSB106C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/02/88 TIME 1415  
 DEPTH TO WATER = 31.42 FT ( 9.58 M) BELOW THE TOC  
 WATER ELEVATION = 221.48 FT ( 67.51 M) MSL  
 PH = 6.1 ALKALINITY = 16 MG/L  
 SPECIFIC CONDUCTANCE = 140 UMHOS/CM  
 WATER TEMPERATURE = 19.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 180 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	125.0 UMHC	ENV. ENG.
1	PH	6.73 PH	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
0	BARIUM	23 UG/L	ENV. ENG.
1	CALCIUM	14600 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHLORIDE	4000 UG/L	ENV. ENG.
0	COBALT	LT 4 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	COPPER	LT 4 UG/L	ENV. ENG.
0	FLUORIDE	LT 100 UG/L	ENV. ENG.
0	IRON	14 UG/L	ENV. ENG.
1	MERCURY	0.40 UG/L	ENV. ENG.
0	POTASSIUM	3820 UG/L	ENV. ENG.
0	MAGNESIUM	1970 UG/L	ENV. ENG.
0	MANGANESE	18 UG/L	ENV. ENG.
1	SODIUM	9120 UG/L	ENV. ENG.
0	NICKEL	LT 4 UG/L	ENV. ENG.
1	NITRATE AS NITROGEN	6960 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	ANTIMONY	LT 3 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
1	SILICA	9700 UG/L	ENV. ENG.
0	SULFATE	LT 5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	44000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
2	TOTAL ORGANIC HALOGENS	246 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT 20 UG/L	ENV. ENG.
0	ZINC	55 UG/L	ENV. ENG.
0	GROSS ALPHA	0.00+-0.30 PCI/L	HP, 735A
0	GROSS ALPHA	1.67+-1.15 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	8.69+-2.15 PCI/L	HP, 735A
0	NONVOLATILE BETA	7.08+-1.25 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	0.67+-0.48 PCI/L	RAD. MEAS.
2	TRITIUM	368+-7.00 PCI/ML	HP, 735A
2	TRITIUM	372+-1.70 PCI/ML	RAD. MEAS.

## WELL HSB106D

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/02/88 TIME 1400  
 DEPTH TO WATER = 26.16 FT ( 7.97 M) BELOW THE TOC  
 WATER ELEVATION = 226.74 FT ( 69.11 M) MSL  
 PH = 4.0 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 133 UMHOS/CM  
 WATER TEMPERATURE = 20.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 50 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	147.0 UMHC	ENV. ENG.
0	PH	4.06 PH	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
0	BARIUM	28 UG/L	ENV. ENG.
0	CALCIUM	7550 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHLORIDE	5100 UG/L	ENV. ENG.
1	COBALT	4 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	COPPER	LT 10 UG/L	ENV. ENG.
0	FLUORIDE	LT 100 UG/L	ENV. ENG.
0	IRON	66 UG/L	ENV. ENG.
2	MERCURY	2.50 UG/L	ENV. ENG.
0	POTASSIUM	662 UG/L	ENV. ENG.
0	MAGNESIUM	885 UG/L	ENV. ENG.
2	MANGANESE	197 UG/L	ENV. ENG.
1	SODIUM	17500 UG/L	ENV. ENG.
1	NICKEL	11 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN	12900 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	ANTIMONY	LT 3 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
1	SILICA	13200 UG/L	ENV. ENG.
1	SILICA	13200 UG/L	ENV. ENG.
0	SULFATE	LT 5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	111000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
1	TOTAL ORGANIC HALOGENS	15 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT 20 UG/L	ENV. ENG.
0	ZINC	61 UG/L	ENV. ENG.
1	GROSS ALPHA	5.51+-1.47 PCI/L	HP, 735A

CONTINUED

WELL HSB106D COLLECTED ON 10/02/88 LABORATORY ANALYSES CONTINUED

1	GROSS ALPHA	10.40+-1.89	PCI/L	RAD. MEAS.
2	NONVOLATILE BETA	603+-12.8	PCI/L	HP, 735A
2	NONVOLATILE BETA	906+-10.1	PCI/L	RAD. MEAS.
1	TOTAL RADIUM	2.50+-0.70	PCI/L	RAD. MEAS.
2	TRITIUM	1400+-	29	PCI/ML HP, 735A
2	TRITIUM	1388+-3.31	PCI/ML	RAD. MEAS.

WELL HSB107C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/02/88 TIME 1555  
 DEPTH TO WATER = 42.12 FT ( 12.84 M) BELOW THE TOC  
 WATER ELEVATION = 219.48 FT ( 66.90 M) MSL  
 PH = 6.5 ALKALINITY = 96 MG/L  
 SPECIFIC CONDUCTANCE = 235 UMHOS/CM  
 WATER TEMPERATURE = 20.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 165 GAL

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	227.0	UMHC	ENV. ENG.
1	PH	7.04	PH	ENV. ENG.
0	SILVER	LT	2	UG/L ENV. ENG.
0	SILVER	LT	2	UG/L ENV. ENG.
0	ARSENIC	LT	2	UG/L ENV. ENG.
0	ARSENIC	LT	2	UG/L ENV. ENG.
1	BARIUM	59	UG/L	ENV. ENG.
1	CALCIUM	27500	UG/L	ENV. ENG.
0	CADMIUM	LT	2	UG/L ENV. ENG.
0	CHLORIDE	3700	UG/L	ENV. ENG.
0	CHLORIDE	3700	UG/L	ENV. ENG.
0	COBALT	LT	4	UG/L ENV. ENG.
0	CHROMIUM	LT	4	UG/L ENV. ENG.
0	COPPER	LT	4	UG/L ENV. ENG.
0	FLUORIDE	130	UG/L	ENV. ENG.
2	IRON	1230	UG/L	ENV. ENG.
0	MERCURY	0.30	UG/L	ENV. ENG.
1	POTASSIUM	5190	UG/L	ENV. ENG.
0	MAGNESIUM	1670	UG/L	ENV. ENG.
2	MANGANESE	956	UG/L	ENV. ENG.
1	SODIUM	25000	UG/L	ENV. ENG.
0	NICKEL	5	UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	2920	UG/L	ENV. ENG.
0	LEAD	LT	6	UG/L ENV. ENG.
0	PHENOL	LT	5	UG/L ENV. ENG.
0	ANTIMONY	LT	3	UG/L ENV. ENG.
0	SELENIUM	LT	2	UG/L ENV. ENG.
0	SELENIUM	LT	2	UG/L ENV. ENG.
1	SILICA	10600	UG/L	ENV. ENG.
0	SULFATE	LT	5000	UG/L ENV. ENG.
0	SULFATE	LT	5000	UG/L ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	130000	UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000	UG/L ENV. ENG.
2	TOTAL ORGANIC HALOGENS	572	UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	290	UG/L	ENV. ENG.
0	ZINC	29	UG/L	ENV. ENG.
0	GROSS ALPHA	0.57+-0.56	PCI/L	HP, 735A
0	GROSS ALPHA	3.58+-1.92	PCI/L	RAD. MEAS.
1	NONVOLATILE BETA	13.10+-2.07	PCI/L	HP, 735A
1	NONVOLATILE BETA	18.20+-2.14	PCI/L	RAD. MEAS.
0	TOTAL RADIUM	0.43+-0.38	PCI/L	RAD. MEAS.
2	TRITIUM	868+-	19	PCI/ML HP, 735A
2	TRITIUM	953+-2.75	PCI/ML	RAD. MEAS.

WELL HSB107D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/02/88 TIME 1455  
 DEPTH TO WATER = 36.86 FT ( 11.24 M) BELOW THE TOC  
 WATER ELEVATION = 225.44 FT ( 68.71 M) MSL  
 PH = 4.2 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 360 UMHOS/CM  
 WATER TEMPERATURE = 20.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 43 GAL

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	370.0	UMHC	ENV. ENG.
0	PH	4.54	PH	ENV. ENG.
0	SILVER	LT	2	UG/L ENV. ENG.
0	ARSENIC	LT	2	UG/L ENV. ENG.
1	BARIUM	114	UG/L	ENV. ENG.
0	CALCIUM	4920	UG/L	ENV. ENG.
0	CADMIUM	LT	2	UG/L ENV. ENG.
0	CHLORIDE	4300	UG/L	ENV. ENG.
1	COBALT	5	UG/L	ENV. ENG.
0	CHROMIUM	LT	4	UG/L ENV. ENG.
0	COPPER	LT	4	UG/L ENV. ENG.
0	FLUORIDE	190	UG/L	ENV. ENG.
2	IRON	39	UG/L	ENV. ENG.
0	MERCURY	2.50	UG/L	ENV. ENG.
0	POTASSIUM	2500	UG/L	ENV. ENG.
0	MAGNESIUM	2420	UG/L	ENV. ENG.
2	MANGANESE	379	UG/L	ENV. ENG.
1	SODIUM	40700	UG/L	ENV. ENG.
1	NICKEL	9	UG/L	ENV. ENG.
2	NITRATE AS NITROGEN	14900	UG/L	ENV. ENG.
0	LEAD	LT	6	UG/L ENV. ENG.
0	PHENOL	LT	5	UG/L ENV. ENG.
0	ANTIMONY	LT	3	UG/L ENV. ENG.
0	SELENIUM	LT	2	UG/L ENV. ENG.

CONTINUED

WELL HSB107D COLLECTED ON 10/02/88 LABORATORY ANALYSES CONTINUED

1	SILICA	8300	UG/L	ENV. ENG.
1	SILICA	8300	UG/L	ENV. ENG.
0	SULFATE	LT	5000	UG/L ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	LT	226000	UG/L ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000	UG/L ENV. ENG.
2	TOTAL ORGANIC HALOGENS	74	UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	87	UG/L ENV. ENG.
0	TOTAL PHOSPHATES	LT	20	UG/L ENV. ENG.
0	ZINC	51	UG/L	ENV. ENG.
2	GROSS ALPHA	24.60+-3.07	PCI/L	HP, 735A
1	GROSS ALPHA	11.30+-2.79	PCI/L	RAD. MEAS.
2	NONVOLATILE BETA	3770+-31.9	PCI/L	HP, 735A
2	NONVOLATILE BETA	1911+-22.9	PCI/L	RAD. MEAS.
2	TOTAL RADIUM	20.50+-2.17	PCI/L	RAD. MEAS.
2	TRITIUM	19600+-	393	PCI/ML HP, 735A
2	TRITIUM	19330+-83.2	PCI/ML	RAD. MEAS.

WELL HSB108C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/02/88 TIME 1650  
 DEPTH TO WATER = 47.43 FT ( 14.46 M) BELOW THE TOC  
 WATER ELEVATION = 218.77 FT ( 66.68 M) MSL  
 PH = 6.6 ALKALINITY = 85 MG/L  
 SPECIFIC CONDUCTANCE = 187 UMHOS/CM  
 WATER TEMPERATURE = 20.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 93 GAL

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	194.0	UMHC	ENV. ENG.
1	PH	7.17	PH	ENV. ENG.
0	SILVER	LT	2	UG/L ENV. ENG.
0	ARSENIC	LT	2	UG/L ENV. ENG.
0	BARIUM	11	UG/L	ENV. ENG.
0	BARIUM	10	UG/L	ENV. ENG.
1	CALCIUM	32900	UG/L	ENV. ENG.
1	CALCIUM	34600	UG/L	ENV. ENG.
0	CADMIUM	LT	2	UG/L ENV. ENG.
0	CADMIUM	LT	2	UG/L ENV. ENG.
0	CHLORIDE	5200	UG/L	ENV. ENG.
0	COBALT	LT	4	UG/L ENV. ENG.
0	COBALT	LT	4	UG/L ENV. ENG.
0	CHROMIUM	LT	4	UG/L ENV. ENG.
0	CHROMIUM	LT	4	UG/L ENV. ENG.
0	COPPER	LT	4	UG/L ENV. ENG.
0	COPPER	LT	4	UG/L ENV. ENG.
0	FLUORIDE	130	UG/L	ENV. ENG.
0	IRON	LT	20	UG/L ENV. ENG.
0	IRON	LT	20	UG/L ENV. ENG.
0	MERCURY	0.30	UG/L	ENV. ENG.
0	POTASSIUM	1950	UG/L	ENV. ENG.
0	MAGNESIUM	1430	UG/L	ENV. ENG.
0	MAGNESIUM	1350	UG/L	ENV. ENG.
1	MANGANESE	49	UG/L	ENV. ENG.
1	MANGANESE	47	UG/L	ENV. ENG.
0	SODIUM	3250	UG/L	ENV. ENG.
0	SODIUM	3230	UG/L	ENV. ENG.
0	NICKEL	LT	4	UG/L ENV. ENG.
0	NICKEL	LT	4	UG/L ENV. ENG.
0	NITRATE AS NITROGEN	1580	UG/L	ENV. ENG.
0	LEAD	LT	6	UG/L ENV. ENG.
0	PHENOL	LT	6	UG/L ENV. ENG.
0	ANTIMONY	LT	5	UG/L ENV. ENG.
0	SELENIUM	LT	3	UG/L ENV. ENG.
1	SILICA	10700	UG/L	ENV. ENG.
0	SULFATE	LT	5000	UG/L ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	LT	145000	UG/L ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000	UG/L ENV. ENG.
0	TOTAL ORGANIC HALOGENS	7	UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	6	UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	280	UG/L	ENV. ENG.
0	ZINC	14	UG/L	ENV. ENG.
0	GROSS ALPHA	0.43+-0.52	PCI/L	HP, 735A
0	GROSS ALPHA	2.78+-1.45	PCI/L	RAD. MEAS.
0	GROSS ALPHA	2.18+-1.31	PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	6.34+-1.96	PCI/L	HP, 735A
0	NONVOLATILE BETA	6.74+-1.25	PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	6.32+-1.21	PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT	1	PCI/L RAD. MEAS.
2	TRITIUM	0.41+-0.36	PCI/L	RAD. MEAS.
2	TRITIUM	158+-5.00	PCI/ML	HP, 735A
2	TRITIUM	164+-1.15	PCI/ML	RAD. MEAS.
2	TRITIUM	161+-1.15	PCI/ML	RAD. MEAS.

## WELL HSB1080

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/02/88 TIME 1705  
 DEPTH TO WATER = 41.63 FT ( 12.49 M) BELOW THE TOC  
 WATER ELEVATION = 224.67 FT ( 68.48 M) MSL  
 PH = 4.2 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 250 UMHOS/CM  
 WATER TEMPERATURE = 21.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 52 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	247.0 UMHOS	ENV. ENG.
0	PH	4.47 PH	ENV. ENG.
0	SILVER	2 UG/L	ENV. ENG.
0	SILVER	2 UG/L	ENV. ENG.
0	ARSENIC	2 UG/L	ENV. ENG.
0	ARSENIC	2 UG/L	ENV. ENG.
0	BARIIUM	43 UG/L	ENV. ENG.
0	CALCIUM	3240 UG/L	ENV. ENG.
0	CADMIUM	2 UG/L	ENV. ENG.
0	CHLORIDE	2600 UG/L	ENV. ENG.
0	CHLORIDE	2500 UG/L	ENV. ENG.
1	COBALT	7 UG/L	ENV. ENG.
0	CHROMIUM	4 UG/L	ENV. ENG.
0	COPPER	4 UG/L	ENV. ENG.
0	FLUORIDE	290 UG/L	ENV. ENG.
0	IRON	22 UG/L	ENV. ENG.
2	MERCURY	2.45 UG/L	ENV. ENG.
0	POTASSIUM	1310 UG/L	ENV. ENG.
0	MAGNESIUM	1160 UG/L	ENV. ENG.
2	MANGANESE	423 UG/L	ENV. ENG.
1	SODIUM	30300 UG/L	ENV. ENG.
1	NICKEL	14 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN	24700 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN	25500 UG/L	ENV. ENG.
0	LEAD	6 UG/L	ENV. ENG.
0	PHENOL	5 UG/L	ENV. ENG.
0	ANTIMONY	3 UG/L	ENV. ENG.
0	SELENIUM	2 UG/L	ENV. ENG.
0	SELENIUM	2 UG/L	ENV. ENG.
1	SILICA	8500 UG/L	ENV. ENG.
0	SULFATE	5000 UG/L	ENV. ENG.
0	SULFATE	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	171000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
2	TOTAL ORGANIC HALOGENS	26 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	20 UG/L	ENV. ENG.
0	ZINC	45 UG/L	ENV. ENG.
2	GROSS ALPHA	16.40+-2.51 PCI/L	HP, 735A
2	GROSS ALPHA	20.90+-3.32 PCI/L	RAD. MEAS.
2	NONVOLATILE BETA	2540+-26.2 PCI/L	HP, 735A
2	NONVOLATILE BETA	4082+-26.1 PCI/L	RAD. MEAS.
2	TOTAL RADIUM	9.32+-1.48 PCI/L	RAD. MEAS.
2	TRITIUM	12700+-256 PCI/ML	HP, 735A
2	TRITIUM	12013+-65.8 PCI/ML	RAD. MEAS.

## WELL HSB109C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/04/88 TIME 1025  
 DEPTH TO WATER = 42.50 FT ( 12.95 M) BELOW THE TOC  
 WATER ELEVATION = 219.10 FT ( 66.78 M) MSL  
 PH = 5.8 ALKALINITY = 15 MG/L  
 SPECIFIC CONDUCTANCE = 60 UMHOS/CM  
 WATER TEMPERATURE = 19.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 159 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	65.70 UMHOS	ENV. ENG.
1	PH	6.53 PH	ENV. ENG.
0	SILVER	2 UG/L	ENV. ENG.
0	ARSENIC	2 UG/L	ENV. ENG.
0	BARIIUM	15 UG/L	ENV. ENG.
0	CALCIUM	5760 UG/L	ENV. ENG.
0	CADMIUM	2 UG/L	ENV. ENG.
0	CHLORIDE	3000 UG/L	ENV. ENG.
0	COBALT	4 UG/L	ENV. ENG.
0	CHROMIUM	4 UG/L	ENV. ENG.
0	COPPER	4 UG/L	ENV. ENG.
0	FLUORIDE	100 UG/L	ENV. ENG.
0	IRON	73 UG/L	ENV. ENG.
0	MERCURY	0.20 UG/L	ENV. ENG.
0	POTASSIUM	1600 UG/L	ENV. ENG.
0	MAGNESIUM	394 UG/L	ENV. ENG.
1	MANGANESE	37 UG/L	ENV. ENG.
1	SODIUM	5490 UG/L	ENV. ENG.
0	NICKEL	4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	1330 UG/L	ENV. ENG.
0	LEAD	6 UG/L	ENV. ENG.
0	PHENOL	5 UG/L	ENV. ENG.
0	ANTIMONY	30 UG/L	ENV. ENG.
0	SELENIUM	2 UG/L	ENV. ENG.
1	SILICA	9900 UG/L	ENV. ENG.
0	SULFATE	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	80000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	5 UG/L	ENV. ENG.
1	TOTAL PHOSPHATES	310 UG/L	ENV. ENG.
0	ZINC	202 UG/L	ENV. ENG.
0	GROSS ALPHA	0.11+-0.37 PCI/L	HP, 735A
0	GROSS ALPHA	1.05+-0.66 PCI/L	RAD. MEAS.

CONTINUED

## WELL HSB109C COLLECTED ON 10/04/88 LABORATORY ANALYSES CONTINUED

0	NONVOLATILE BETA	1.95+-1.56 PCI/L	HP, 735A
0	NONVOLATILE BETA	3.79+-0.98 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	1 PCI/L	RAD. MEAS.
2	TRITIUM	83.80+-1.34 PCI/ML	HP, 735A
2	TRITIUM	78.70+-0.82 PCI/ML	RAD. MEAS.

## WELL HSB109D

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/04/88 TIME 1015  
 DEPTH TO WATER = 37.20 FT ( 11.34 M) BELOW THE TOC  
 WATER ELEVATION = 224.00 FT ( 68.28 M) MSL  
 PH = 4.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 40 UMHOS/CM  
 WATER TEMPERATURE = 20.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 45 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	70.00 UMHOS	ENV. ENG.
0	PH	4.75 PH	ENV. ENG.
0	SILVER	2 UG/L	ENV. ENG.
0	ARSENIC	2 UG/L	ENV. ENG.
0	BARIIUM	9 UG/L	ENV. ENG.
0	CALCIUM	6310 UG/L	ENV. ENG.
0	CADMIUM	2 UG/L	ENV. ENG.
0	CHLORIDE	3200 UG/L	ENV. ENG.
0	COBALT	4 UG/L	ENV. ENG.
0	CHROMIUM	4 UG/L	ENV. ENG.
0	COPPER	4 UG/L	ENV. ENG.
0	COPPER	4 UG/L	ENV. ENG.
0	FLUORIDE	100 UG/L	ENV. ENG.
0	IRON	51 UG/L	ENV. ENG.
0	MERCURY	0.20 UG/L	ENV. ENG.
0	POTASSIUM	500 UG/L	ENV. ENG.
0	MAGNESIUM	470 UG/L	ENV. ENG.
2	MANGANESE	97 UG/L	ENV. ENG.
0	SODIUM	4600 UG/L	ENV. ENG.
0	NICKEL	7 UG/L	ENV. ENG.
0	NICKEL	8 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	2450 UG/L	ENV. ENG.
0	LEAD	6 UG/L	ENV. ENG.
0	LEAD	6 UG/L	ENV. ENG.
0	PHENOL	5 UG/L	ENV. ENG.
0	ANTIMONY	30 UG/L	ENV. ENG.
0	SELENIUM	2 UG/L	ENV. ENG.
1	SILICA	6600 UG/L	ENV. ENG.
0	SULFATE	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	42000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	20 UG/L	ENV. ENG.
0	ZINC	21 UG/L	ENV. ENG.
0	GROSS ALPHA	0.32+-0.48 PCI/L	HP, 735A
0	GROSS ALPHA	3 PCI/L	RAD. MEAS.
2	NONVOLATILE BETA	87.50+-5.50 PCI/L	HP, 735A
2	NONVOLATILE BETA	106+-3.55 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	1 PCI/L	RAD. MEAS.
2	TRITIUM	429+-2.90 PCI/ML	HP, 735A
2	TRITIUM	451+-1.94 PCI/ML	RAD. MEAS.

## WELL HSB110C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/04/88 TIME 1200  
 DEPTH TO WATER = 36.05 FT ( 10.99 M) BELOW THE TOC  
 WATER ELEVATION = 219.65 FT ( 66.95 M) MSL  
 PH = 5.4 ALKALINITY = 7 MG/L  
 SPECIFIC CONDUCTANCE = 38 UMHOS/CM  
 WATER TEMPERATURE = 19.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 141 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	41.00 UMHOS	ENV. ENG.
0	PH	6.12 PH	ENV. ENG.
0	SILVER	2 UG/L	ENV. ENG.
0	ARSENIC	2 UG/L	ENV. ENG.
0	BARIIUM	6 UG/L	ENV. ENG.
0	CALCIUM	1270 UG/L	ENV. ENG.
0	CADMIUM	2 UG/L	ENV. ENG.
0	CHLORIDE	3600 UG/L	ENV. ENG.
1	COBALT	11 UG/L	ENV. ENG.
0	CHROMIUM	4 UG/L	ENV. ENG.
0	COPPER	4 UG/L	ENV. ENG.
0	FLUORIDE	100 UG/L	ENV. ENG.
0	IRON	35 UG/L	ENV. ENG.
0	MERCURY	0.20 UG/L	ENV. ENG.
0	POTASSIUM	634 UG/L	ENV. ENG.
0	MAGNESIUM	247 UG/L	ENV. ENG.
0	MANGANESE	16 UG/L	ENV. ENG.
0	SODIUM	4590 UG/L	ENV. ENG.
0	NICKEL	4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	820 UG/L	ENV. ENG.
0	LEAD	6 UG/L	ENV. ENG.
0	PHENOL	5 UG/L	ENV. ENG.
0	ANTIMONY	3 UG/L	ENV. ENG.
0	SELENIUM	2 UG/L	ENV. ENG.
1	SILICA	10600 UG/L	ENV. ENG.
0	SULFATE	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	42000 UG/L	ENV. ENG.

CONTINUED

WELL HSB110C COLLECTED ON 10/04/88 LABORATORY ANALYSES CONTINUED

0 TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0 TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0 TOTAL PHOSPHATES		110 UG/L	ENV. ENG.
0 ZINC		11 UG/L	ENV. ENG.
0 GROSS ALPHA		0.53+-0.56 PCI/L	HP, 735A
0 GROSS ALPHA		1.44+-0.70 PCI/L	HP, 735A
0 NONVOLATILE BETA		3.25+-1.69 PCI/L	RAD. MEAS.
0 NONVOLATILE BETA		3.03+-0.96 PCI/L	HP, 735A
0 TOTAL RADIUM		0.47+-0.46 PCI/L	RAD. MEAS.
2 TRITIUM		103+-1.47 PCI/ML	HP, 735A
2 TRITIUM		93.70+-0.89 PCI/ML	RAD. MEAS.

WELL HSB1100

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/04/88 TIME 1105  
DEPTH TO WATER = 31.92 FT ( 9.73 M) BELOW THE TOC  
WATER ELEVATION = 223.68 FT ( 68.18 M) MSL  
PH = 3.8 ALKALINITY = 0 MG/L  
SPECIFIC CONDUCTANCE = 290 UMHOS/CM  
WATER TEMPERATURE = 19.4 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 48 GAL

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE		123.0 UMHC	ENV. ENG.
1 SPECIFIC CONDUCTANCE		128.0 UMHC	ENV. ENG.
0 PH		4.06 PH	ENV. ENG.
0 SILVER		4.08 PH	ENV. ENG.
0 ARSENIC		2 UG/L	ENV. ENG.
0 BARIUM		52 UG/L	ENV. ENG.
0 CALCIUM		5970 UG/L	ENV. ENG.
0 CADMIUM		2 UG/L	ENV. ENG.
0 CHLORIDE		4300 UG/L	ENV. ENG.
1 COBALT		15 UG/L	ENV. ENG.
0 CHROMIUM		4 UG/L	ENV. ENG.
0 COPPER		14 UG/L	ENV. ENG.
0 FLUORIDE		290 UG/L	ENV. ENG.
0 IRON		55 UG/L	ENV. ENG.
0 MERCURY		0.20 UG/L	ENV. ENG.
0 POTASSIUM		1210 UG/L	ENV. ENG.
0 MAGNESIUM		678 UG/L	ENV. ENG.
2 MANGANESE		634 UG/L	ENV. ENG.
1 SODIUM		30100 UG/L	ENV. ENG.
1 NICKEL		22 UG/L	ENV. ENG.
2 NITRATE AS NITROGEN		31500 UG/L	ENV. ENG.
0 LEAD		6 UG/L	ENV. ENG.
0 PHENOL		5 UG/L	ENV. ENG.
0 ANTIMONY		30 UG/L	ENV. ENG.
0 SELENIUM		2 UG/L	ENV. ENG.
1 SILICA		23800 UG/L	ENV. ENG.
1 SILICA		23900 UG/L	ENV. ENG.
0 SULFATE		5000 UG/L	ENV. ENG.
0 TOTAL DISSOLVED SOLIDS		198000 UG/L	ENV. ENG.
0 TOTAL ORGANIC CARBON		1000 UG/L	ENV. ENG.
0 TOTAL ORGANIC CARBON		1000 UG/L	ENV. ENG.
0 TOTAL ORGANIC HALOGENS		5 UG/L	ENV. ENG.
0 TOTAL PHOSPHATES		20 UG/L	ENV. ENG.
0 ZINC		79 UG/L	ENV. ENG.
0 GROSS ALPHA		17.30+-3.22 PCI/L	HP, 735A
2 GROSS ALPHA		21.00+-3.17 PCI/L	RAD. MEAS.
2 GROSS ALPHA		17.70+-2.93 PCI/L	RAD. MEAS.
2 NONVOLATILE BETA		1280+-18.5 PCI/L	RAD. MEAS.
2 NONVOLATILE BETA		1304+-14.4 PCI/L	HP, 735A
2 NONVOLATILE BETA		1274+-14.2 PCI/L	RAD. MEAS.
2 TOTAL RADIUM		5.51+-0.94 PCI/L	RAD. MEAS.
2 TRITIUM		6.29+-1.02 PCI/L	RAD. MEAS.
2 TRITIUM		14500+-53.1 PCI/ML	HP, 735A
2 TRITIUM		15894+-34.3 PCI/ML	RAD. MEAS.
2 TRITIUM		15712+-34.1 PCI/ML	RAD. MEAS.

WELL HSB111C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/04/88 TIME 1320  
DEPTH TO WATER = 34.91 FT ( 10.64 M) BELOW THE TOC  
WATER ELEVATION = 221.09 FT ( 67.39 M) MSL  
PH = 4.7 ALKALINITY = 0 MG/L  
SPECIFIC CONDUCTANCE = 195 UMHOS/CM  
WATER TEMPERATURE = 19.7 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 225 GAL

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE		213.0 UMHC	ENV. ENG.
1 SPECIFIC CONDUCTANCE		203.0 UMHC	ENV. ENG.
0 PH		5.13 PH	ENV. ENG.
0 SILVER		5.19 PH	ENV. ENG.
0 ARSENIC		2 UG/L	ENV. ENG.
0 BARIUM		23 UG/L	ENV. ENG.
1 CALCIUM		22200 UG/L	ENV. ENG.
0 CADMIUM		2 UG/L	ENV. ENG.
0 CHLORIDE		5400 UG/L	ENV. ENG.
1 COBALT		4 UG/L	ENV. ENG.
0 CHROMIUM		10 UG/L	ENV. ENG.
0 COPPER		120 UG/L	ENV. ENG.
0 FLUORIDE		85 UG/L	ENV. ENG.
0 IRON		0.20 UG/L	ENV. ENG.
0 MERCURY			

CONTINUED

WELL HSB111C COLLECTED ON 10/04/88 LABORATORY ANALYSES CONTINUED

0 MERCURY		0.20 UG/L	ENV. ENG.
0 POTASSIUM		999 UG/L	ENV. ENG.
0 MAGNESIUM		2860 UG/L	ENV. ENG.
1 MANGANESE		39 UG/L	ENV. ENG.
1 SODIUM		19200 UG/L	ENV. ENG.
1 NICKEL		10 UG/L	ENV. ENG.
2 NITRATE AS NITROGEN		20400 UG/L	ENV. ENG.
0 LEAD		6 UG/L	ENV. ENG.
0 PHENOL		5 UG/L	ENV. ENG.
0 ANTIMONY		3 UG/L	ENV. ENG.
0 SELENIUM		2 UG/L	ENV. ENG.
1 SILICA		9700 UG/L	ENV. ENG.
0 SULFATE		144000 UG/L	ENV. ENG.
0 TOTAL DISSOLVED SOLIDS		1000 UG/L	ENV. ENG.
0 TOTAL ORGANIC CARBON		5 UG/L	ENV. ENG.
0 TOTAL ORGANIC HALOGENS		100 UG/L	ENV. ENG.
0 TOTAL PHOSPHATES		21 UG/L	ENV. ENG.
0 ZINC		1.02+-0.96 PCI/L	HP, 735A
0 GROSS ALPHA		1.27+-1.01 PCI/L	RAD. MEAS.
2 GROSS ALPHA		45.50+-3.61 PCI/L	HP, 735A
1 NONVOLATILE BETA		54.00+-2.59 PCI/L	RAD. MEAS.
2 NONVOLATILE BETA		0.51+-0.34 PCI/L	RAD. MEAS.
0 TOTAL RADIUM		2640+-7.15 PCI/ML	HP, 735A
2 TRITIUM		2886+-14.7 PCI/ML	RAD. MEAS.
2 TRITIUM			

WELL HSB1110

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/04/88 TIME 1455  
DEPTH TO WATER = 32.31 FT ( 9.85 M) BELOW THE TOC  
WATER ELEVATION = 223.69 FT ( 68.18 M) MSL  
PH = 4.8 ALKALINITY = 0 MG/L  
SPECIFIC CONDUCTANCE = 670 UMHOS/CM  
WATER TEMPERATURE = 20.8 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 205 GAL

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE		635.0 UMHC	ENV. ENG.
0 PH		5.15 PH	ENV. ENG.
0 SILVER		2 UG/L	ENV. ENG.
0 ARSENIC		2 UG/L	ENV. ENG.
0 BARIUM		2 UG/L	ENV. ENG.
0 CALCIUM		2 UG/L	ENV. ENG.
0 CADMIUM		76 UG/L	ENV. ENG.
0 CHLORIDE		9380 UG/L	ENV. ENG.
0 GROSS ALPHA		2 UG/L	ENV. ENG.
1 COBALT		4800 UG/L	ENV. ENG.
0 CHROMIUM		4400 UG/L	ENV. ENG.
0 COPPER		5 UG/L	ENV. ENG.
0 FLUORIDE		4 UG/L	ENV. ENG.
0 IRON		13 UG/L	ENV. ENG.
0 MERCURY		140 UG/L	ENV. ENG.
0 POTASSIUM		140 UG/L	ENV. ENG.
0 MAGNESIUM		51 UG/L	ENV. ENG.
2 MANGANESE		0.20 UG/L	ENV. ENG.
1 SODIUM		1380 UG/L	ENV. ENG.
1 NICKEL		4090 UG/L	ENV. ENG.
2 NITRATE AS NITROGEN		99 UG/L	ENV. ENG.
0 LEAD		99800 UG/L	ENV. ENG.
0 PHENOL		14 UG/L	ENV. ENG.
0 ANTIMONY		79200 UG/L	ENV. ENG.
0 SELENIUM		6 UG/L	ENV. ENG.
0 SELENIUM		5 UG/L	ENV. ENG.
1 SILICA		3 UG/L	ENV. ENG.
0 SULFATE		2 UG/L	ENV. ENG.
0 SULFATE		2 UG/L	ENV. ENG.
0 TOTAL DISSOLVED SOLIDS		8700 UG/L	ENV. ENG.
0 TOTAL ORGANIC CARBON		5000 UG/L	ENV. ENG.
0 TOTAL ORGANIC HALOGENS		5000 UG/L	ENV. ENG.
0 TOTAL PHOSPHATES		164000 UG/L	ENV. ENG.
0 ZINC		1000 UG/L	ENV. ENG.
0 GROSS ALPHA		5 UG/L	ENV. ENG.
2 GROSS ALPHA		20 UG/L	ENV. ENG.
2 NONVOLATILE BETA		21 UG/L	ENV. ENG.
2 NONVOLATILE BETA		2.18+-1.26 PCI/L	HP, 735A
2 TOTAL RADIUM		14.10+-3.88 PCI/L	RAD. MEAS.
2 TRITIUM		73.30+-4.52 PCI/L	HP, 735A
2 TRITIUM		118+-5.93 PCI/L	RAD. MEAS.
2 TRITIUM		6.42+-0.98 PCI/L	RAD. MEAS.
2 TRITIUM		17000+-57.5 PCI/ML	HP, 735A
2 TRITIUM		19382+-37.8 PCI/ML	RAD. MEAS.

WELL HSB111E

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/04/88 TIME 1335  
DEPTH TO WATER = 31.99 FT ( 9.75 M) BELOW THE TOC  
WATER ELEVATION = 223.91 FT ( 68.25 M) MSL  
PH = 3.9 ALKALINITY = 0 MG/L  
SPECIFIC CONDUCTANCE = 240 UMHOS/CM  
WATER TEMPERATURE = 19.5 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 73 GAL

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE		203.0 UMHC	ENV. ENG.
0 PH		4.13 PH	ENV. ENG.
0 SILVER		2 UG/L	ENV. ENG.
0 ARSENIC		2 UG/L	ENV. ENG.

CONTINUED

WELL HSB111E COLLECTED ON 10/04/88 LABORATORY ANALYSES CONTINUED

0	BARIIUM		40 UG/L	ENV. ENG.
0	BARIIUM		38 UG/L	ENV. ENG.
0	CALCIUM		3190 UG/L	ENV. ENG.
0	CALCIUM		3630 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		4600 UG/L	ENV. ENG.
0	COBALT	LT	4 UG/L	ENV. ENG.
0	COBALT	LT	4 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER		9 UG/L	ENV. ENG.
0	FLUORIDE		480 UG/L	ENV. ENG.
0	IRON	LT	20 UG/L	ENV. ENG.
0	IRON	LT	20 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	POTASSIUM		1760 UG/L	ENV. ENG.
0	POTASSIUM		1780 UG/L	ENV. ENG.
0	MAGNESIUM		891 UG/L	ENV. ENG.
0	MAGNESIUM		890 UG/L	ENV. ENG.
2	MANGANESE		314 UG/L	ENV. ENG.
2	MANGANESE		317 UG/L	ENV. ENG.
1	SODIUM		22500 UG/L	ENV. ENG.
1	SODIUM		25800 UG/L	ENV. ENG.
1	NICKEL		12 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN		17300 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	ANTIMONY	LT	3 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		11100 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		412000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	ZINC		36 UG/L	ENV. ENG.
0	ZINC		34 UG/L	ENV. ENG.
2	GROSS ALPHA		43.10+-5.03 PCI/L	HP, 735A
2	GROSS ALPHA		21.30+-2.89 PCI/L	RAD. MEAS.
2	NONVOLATILE BETA		4530+-36.7 PCI/L	HP, 735A
2	NONVOLATILE BETA		2437+-19.6 PCI/L	RAD. MEAS.
2	TOTAL RADIUM		6.24+-0.95 PCI/L	RAD. MEAS.
2	TRITIUM		12600+-49.4 PCI/ML	HP, 735A
2	TRITIUM		12453+-30.4 PCI/ML	RAD. MEAS.

WELL HSB112C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/05/88 TIME 1055  
 DEPTH TO WATER = 32.35 FT ( 9.86 M) BELOW THE TOC  
 WATER ELEVATION = 222.55 FT ( 67.83 M) MSL  
 PH = 6.1 ALKALINITY = 16 MG/L  
 SPECIFIC CONDUCTANCE = 250 UMHOS/CM  
 WATER TEMPERATURE = 20.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 227 GAL

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		261.0 UMHOS	ENV. ENG.
0	PH		6.83 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIIUM		48 UG/L	ENV. ENG.
1	CALCIUM		17500 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		3600 UG/L	ENV. ENG.
0	COBALT	LT	4 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER		6 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	IRON	LT	20 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	POTASSIUM		1130 UG/L	ENV. ENG.
0	MAGNESIUM		3420 UG/L	ENV. ENG.
1	MANGANESE		40 UG/L	ENV. ENG.
1	SODIUM		13800 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN		18700 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN		18300 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	ANTIMONY	LT	3 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		10100 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		270000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
1	TOTAL PHOSPHATES		390 UG/L	ENV. ENG.
0	ZINC		22 UG/L	ENV. ENG.
0	GROSS ALPHA		1.71+-0.85 PCI/L	HP, 735A
0	GROSS ALPHA		4.17+-1.58 PCI/L	RAD. MEAS.
2	NONVOLATILE BETA		57.90+-4.06 PCI/L	HP, 735A
2	NONVOLATILE BETA		52.20+-3.07 PCI/L	RAD. MEAS.
0	TOTAL RADIUM		1.92+-0.70 PCI/L	RAD. MEAS.
2	TRITIUM		3270+-7.87 PCI/ML	HP, 735A
2	TRITIUM		3162+-34.8 PCI/ML	RAD. MEAS.

WELL HSB112D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/05/88 TIME 1040  
 DEPTH TO WATER = 30.06 FT ( 9.16 M) BELOW THE TOC  
 WATER ELEVATION = 225.04 FT ( 68.59 M) MSL  
 PH = 4.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 455 UMHOS/CM  
 WATER TEMPERATURE = 20.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 111 GAL

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		472.0 UMHOS	ENV. ENG.
0	PH		4.99 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIIUM		17 UG/L	ENV. ENG.
0	CALCIUM		1610 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		5200 UG/L	ENV. ENG.
1	COBALT		5 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER	LT	4 UG/L	ENV. ENG.
0	FLUORIDE		100 UG/L	ENV. ENG.
0	IRON	LT	20 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	POTASSIUM		1210 UG/L	ENV. ENG.
0	MAGNESIUM		952 UG/L	ENV. ENG.
2	MANGANESE		217 UG/L	ENV. ENG.
1	SODIUM		71300 UG/L	ENV. ENG.
0	NICKEL		6 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN		48000 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	ANTIMONY	LT	3 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		8900 UG/L	ENV. ENG.
1	SULFATE		17000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		456000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS		6 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS		6 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		30 UG/L	ENV. ENG.
0	ZINC		17 UG/L	ENV. ENG.
0	GROSS ALPHA		1.43+-0.78 PCI/L	HP, 735A
1	GROSS ALPHA		6.36+-2.86 PCI/L	RAD. MEAS.
1	GROSS ALPHA		8.06+-3.11 PCI/L	RAD. MEAS.
1	NONVOLATILE BETA		40.20+-3.42 PCI/L	HP, 735A
2	NONVOLATILE BETA		61.20+-4.56 PCI/L	RAD. MEAS.
2	NONVOLATILE BETA		66.70+-4.73 PCI/L	RAD. MEAS.
0	TOTAL RADIUM		1.64+-0.91 PCI/L	RAD. MEAS.
0	TOTAL RADIUM		1.89+-0.93 PCI/L	RAD. MEAS.
2	TRITIUM		20000+-61.6 PCI/ML	HP, 735A
2	TRITIUM		18355+-81.1 PCI/ML	RAD. MEAS.
2	TRITIUM		18314+- 81 PCI/ML	RAD. MEAS.

WELL HSB112E

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/05/88 TIME 1000  
 DEPTH TO WATER = 30.09 FT ( 9.17 M) BELOW THE TOC  
 WATER ELEVATION = 225.01 FT ( 68.58 M) MSL  
 PH = 5.7 ALKALINITY = 23 MG/L  
 SPECIFIC CONDUCTANCE = 490 UMHOS/CM  
 WATER TEMPERATURE = 19.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 4 GAL  
 THE WELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		463.0 UMHOS	ENV. ENG.
0	PH		6.04 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIIUM		73 UG/L	ENV. ENG.
0	CALCIUM		8460 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		2900 UG/L	ENV. ENG.
1	COBALT		9 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER	LT	4 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	IRON	LT	20 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
1	POTASSIUM		8960 UG/L	ENV. ENG.
0	MAGNESIUM		1580 UG/L	ENV. ENG.
2	MANGANESE		855 UG/L	ENV. ENG.
1	SODIUM		61000 UG/L	ENV. ENG.
1	NICKEL		82 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN		46100 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	ANTIMONY	LT	3 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		9700 UG/L	ENV. ENG.
0	SULFATE		7200 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		324000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
2	TOTAL ORGANIC HALOGENS		25 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		50 UG/L	ENV. ENG.
0	ZINC		66 UG/L	ENV. ENG.
0	GROSS ALPHA		2.09+-0.95 PCI/L	HP, 735A
1	GROSS ALPHA		8.24+-2.88 PCI/L	RAD. MEAS.
2	NONVOLATILE BETA		199+-7.39 PCI/L	HP, 735A

CONTINUED

WELL HSB112E COLLECTED ON 10/05/88 LABORATORY ANALYSES CONTINUED

2 NONVOLATILE BETA 279+-8.81 PCI/L RAD. MEAS.  
0 TOTAL RADIUM 2.13+-0.94 PCI/L RAD. MEAS.  
2 TRITIUM 19900+-61.5 PCI/ML HP, 735A  
2 TRITIUM 17588+-78.9 PCI/ML RAD. MEAS.

WELL HSB113C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/05/88 TIME 1225  
DEPTH TO WATER = 37.96 FT ( 11.57 M) BELOW THE TOC  
WATER ELEVATION = 223.04 FT ( 67.98 M) MSL  
PH = 5.5 ALKALINITY = 7 MG/L  
SPECIFIC CONDUCTANCE = 118 UMHOS/CM  
WATER TEMPERATURE = 20.1 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 200 GAL

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE 135.0 UMHOS ENV. ENG.  
0 PH 5.47 PH ENV. ENG.  
0 SILVER LT 2 UG/L ENV. ENG.  
0 ARSENIC LT 2 UG/L ENV. ENG.  
0 BARIUM 33 UG/L ENV. ENG.  
0 CALCIUM 8010 UG/L ENV. ENG.  
0 CADMIUM LT 2 UG/L ENV. ENG.  
0 CHLORIDE 3600 UG/L ENV. ENG.  
0 COBALT LT 4 UG/L ENV. ENG.  
0 CHROMIUM LT 4 UG/L ENV. ENG.  
0 COPPER LT 4 UG/L ENV. ENG.  
0 FLUORIDE LT 100 UG/L ENV. ENG.  
0 IRON LT 20 UG/L ENV. ENG.  
0 MERCURY LT 0.20 UG/L ENV. ENG.  
0 POTASSIUM 2790 UG/L ENV. ENG.  
0 MAGNESIUM 1800 UG/L ENV. ENG.  
1 MANGANESE 48 UG/L ENV. ENG.  
1 SODIUM 8500 UG/L ENV. ENG.  
1 NICKEL LT 4 UG/L ENV. ENG.  
1 NITRATE AS NITROGEN 9640 UG/L ENV. ENG.  
0 LEAD LT 6 UG/L ENV. ENG.  
0 PHENOL LT 5 UG/L ENV. ENG.  
0 ANTIMONY LT 3 UG/L ENV. ENG.  
0 ANTIMONY LT 3 UG/L ENV. ENG.  
0 SELENIUM LT 2 UG/L ENV. ENG.  
1 SILICA 9300 UG/L ENV. ENG.  
1 SILICA 9300 UG/L ENV. ENG.  
0 SULFATE LT 5000 UG/L ENV. ENG.  
0 TOTAL DISSOLVED SOLIDS 136000 UG/L ENV. ENG.  
0 TOTAL ORGANIC CARBON LT 1000 UG/L ENV. ENG.  
0 TOTAL ORGANIC CARBON LT 1000 UG/L ENV. ENG.  
0 TOTAL ORGANIC HALOGENS LT 5 UG/L ENV. ENG.  
0 TOTAL PHOSPHATES LT 20 UG/L ENV. ENG.  
0 ZINC 14 UG/L ENV. ENG.  
0 GROSS ALPHA 1.05+-0.69 PCI/L HP, 735A  
0 GROSS ALPHA 2.64+-0.96 PCI/L RAD. MEAS.  
1 NONVOLATILE BETA 36.30+-3.26 PCI/L HP, 735A  
1 NONVOLATILE BETA 39.60+-2.28 PCI/L RAD. MEAS.  
0 TOTAL RADIUM 1.01+-0.58 PCI/L RAD. MEAS.  
2 TRITIUM 1330+-5.04 PCI/ML HP, 735A  
2 TRITIUM 947+-2.71 PCI/ML RAD. MEAS.

WELL HSB113D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/05/88 TIME 1155  
DEPTH TO WATER = 35.53 FT ( 10.83 M) BELOW THE TOC  
WATER ELEVATION = 225.37 FT ( 68.69 M) MSL  
PH = 3.7 ALKALINITY = 0 MG/L  
SPECIFIC CONDUCTANCE = 480 UMHOS/CM  
WATER TEMPERATURE = 20.8 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 40 GAL

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE 486.0 UMHOS ENV. ENG.  
0 PH 3.73 PH ENV. ENG.  
0 SILVER LT 2 UG/L ENV. ENG.  
1 ARSENIC LT 5 UG/L ENV. ENG.  
1 BARIUM 74 UG/L ENV. ENG.  
0 CALCIUM 7570 UG/L ENV. ENG.  
0 CADMIUM LT 2 UG/L ENV. ENG.  
0 CHLORIDE 3300 UG/L ENV. ENG.  
1 COBALT LT 5 UG/L ENV. ENG.  
0 CHROMIUM LT 4 UG/L ENV. ENG.  
0 COPPER LT 16 UG/L ENV. ENG.  
1 FLUORIDE 870 UG/L ENV. ENG.  
1 FLUORIDE 850 UG/L ENV. ENG.  
0 IRON 66 UG/L ENV. ENG.  
0 MERCURY LT 0.20 UG/L ENV. ENG.  
0 POTASSIUM 2150 UG/L ENV. ENG.  
0 MAGNESIUM 1370 UG/L ENV. ENG.  
2 MANGANESE 244 UG/L ENV. ENG.  
1 SODIUM 33300 UG/L ENV. ENG.  
1 NICKEL 15 UG/L ENV. ENG.  
2 NITRATE AS NITROGEN 47800 UG/L ENV. ENG.  
0 LEAD 10 UG/L ENV. ENG.  
0 PHENOL LT 5 UG/L ENV. ENG.  
0 ANTIMONY LT 3 UG/L ENV. ENG.  
0 ANTIMONY LT 3 UG/L ENV. ENG.  
0 SELENIUM LT 2 UG/L ENV. ENG.  
1 SILICA 28200 UG/L ENV. ENG.  
0 SULFATE LT 5000 UG/L ENV. ENG.

CONTINUED

WELL HSB113D COLLECTED ON 10/05/88 LABORATORY ANALYSES CONTINUED

0 TOTAL DISSOLVED SOLIDS 322000 UG/L ENV. ENG.  
0 TOTAL DISSOLVED SOLIDS 314000 UG/L ENV. ENG.  
0 TOTAL ORGANIC CARBON LT 1000 UG/L ENV. ENG.  
0 TOTAL ORGANIC HALOGENS 7 UG/L ENV. ENG.  
0 TOTAL PHOSPHATES LT 20 UG/L ENV. ENG.  
0 ZINC 151 UG/L ENV. ENG.  
2 GROSS ALPHA 25.30+-3.11 PCI/L HP, 735A  
2 GROSS ALPHA 81.90+-7.83 PCI/L RAD. MEAS.  
2 NONVOLATILE BETA 1210+-14.5 PCI/L HP, 735A  
2 NONVOLATILE BETA 1422+-19.4 PCI/L RAD. MEAS.  
2 TOTAL RADIUM 22.30+-2.41 PCI/L RAD. MEAS.  
2 TRITIUM 26300+-70.6 PCI/ML HP, 735A  
2 TRITIUM 22992+-90.6 PCI/ML RAD. MEAS.

WELL HSB114C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/05/88 TIME 1340  
DEPTH TO WATER = 37.68 FT ( 11.49 M) BELOW THE TOC  
WATER ELEVATION = 226.12 FT ( 68.92 M) MSL  
PH = 4.7 ALKALINITY = 0 MG/L  
SPECIFIC CONDUCTANCE = 655 UMHOS/CM  
WATER TEMPERATURE = 19.2 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 122 GAL

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE 648.0 UMHOS ENV. ENG.  
0 PH 4.85 PH ENV. ENG.  
0 SILVER LT 2 UG/L ENV. ENG.  
0 ARSENIC LT 2 UG/L ENV. ENG.  
1 BARIUM 73 UG/L ENV. ENG.  
1 CALCIUM 11900 UG/L ENV. ENG.  
0 CADMIUM 2 UG/L ENV. ENG.  
0 CHLORIDE 7300 UG/L ENV. ENG.  
0 CHLORIDE 6000 UG/L ENV. ENG.  
1 COBALT 7 UG/L ENV. ENG.  
0 CHROMIUM LT 4 UG/L ENV. ENG.  
0 COPPER LT 6 UG/L ENV. ENG.  
0 FLUORIDE 170 UG/L ENV. ENG.  
0 IRON LT 28 UG/L ENV. ENG.  
0 MERCURY 0.20 UG/L ENV. ENG.  
0 POTASSIUM 1090 UG/L ENV. ENG.  
1 MAGNESIUM 5480 UG/L ENV. ENG.  
2 MANGANESE 333 UG/L ENV. ENG.  
1 SODIUM 86600 UG/L ENV. ENG.  
1 NICKEL 21 UG/L ENV. ENG.  
2 NITRATE AS NITROGEN 69800 UG/L ENV. ENG.  
0 LEAD LT 6 UG/L ENV. ENG.  
0 PHENOL LT 5 UG/L ENV. ENG.  
0 PHENOL LT 5 UG/L ENV. ENG.  
0 ANTIMONY LT 3 UG/L ENV. ENG.  
0 SELENIUM LT 2 UG/L ENV. ENG.  
1 SILICA 8700 UG/L ENV. ENG.  
1 SULFATE 10300 UG/L ENV. ENG.  
0 SULFATE 9400 UG/L ENV. ENG.  
0 TOTAL DISSOLVED SOLIDS 454000 UG/L ENV. ENG.  
0 TOTAL ORGANIC CARBON LT 1000 UG/L ENV. ENG.  
0 TOTAL ORGANIC HALOGENS LT 5 UG/L ENV. ENG.  
0 TOTAL PHOSPHATES LT 20 UG/L ENV. ENG.  
0 ZINC 2 UG/L ENV. ENG.  
0 GROSS ALPHA 2.19+-0.95 PCI/L HP, 735A  
2 GROSS ALPHA 27.20+-4.87 PCI/L RAD. MEAS.  
2 NONVOLATILE BETA 101+-5.29 PCI/L HP, 735A  
2 NONVOLATILE BETA 152+-6.71 PCI/L RAD. MEAS.  
2 TOTAL RADIUM 8.52+-1.54 PCI/L RAD. MEAS.  
2 TRITIUM 17300+-57.3 PCI/ML HP, 735A  
2 TRITIUM 17248+-78.7 PCI/ML RAD. MEAS.

WELL HSB114D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/05/88 TIME 1355  
DEPTH TO WATER = 37.69 FT ( 11.49 M) BELOW THE TOC  
WATER ELEVATION = 226.31 FT ( 68.98 M) MSL  
PH = 4.0 ALKALINITY = 0 MG/L  
SPECIFIC CONDUCTANCE = 410 UMHOS/CM  
WATER TEMPERATURE = 20.6 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 54 GAL

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE 393.0 UMHOS ENV. ENG.  
0 PH 4.07 PH ENV. ENG.  
0 SILVER LT 2 UG/L ENV. ENG.  
0 ARSENIC LT 2 UG/L ENV. ENG.  
1 BARIUM 82 UG/L ENV. ENG.  
0 CALCIUM 3230 UG/L ENV. ENG.  
0 CADMIUM LT 2 UG/L ENV. ENG.  
0 CHLORIDE 2200 UG/L ENV. ENG.  
1 COBALT 8 UG/L ENV. ENG.  
0 CHROMIUM LT 4 UG/L ENV. ENG.  
0 COPPER LT 11 UG/L ENV. ENG.  
0 FLUORIDE 830 UG/L ENV. ENG.  
0 IRON 63 UG/L ENV. ENG.  
0 MERCURY LT 0.20 UG/L ENV. ENG.  
0 POTASSIUM 1890 UG/L ENV. ENG.  
0 MAGNESIUM 825 UG/L ENV. ENG.  
2 MANGANESE 371 UG/L ENV. ENG.  
1 SODIUM 31000 UG/L ENV. ENG.  
1 NICKEL 14 UG/L ENV. ENG.

CONTINUED

WELL HSB114D COLLECTED ON 10/05/88 LABORATORY ANALYSES CONTINUED

2	NITRATE AS NITROGEN		43700 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	ANTIMONY	LT	3 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		21900 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		252000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	ZINC		70 UG/L	ENV. ENG.
2	GROSS ALPHA		21.20+-2.85 PCI/L	HP, 735A
2	GROSS ALPHA		61.10+-6.41 PCI/L	HP, 735A
2	NONVOLATILE BETA		1980+-23.1 PCI/L	HP, 735A
2	NONVOLATILE BETA		2531+-25.9 PCI/L	HP, 735A
2	TOTAL RADIUM		32.50+-2.84 PCI/L	HP, 735A
2	TRITIUM		19200+-60.4 PCI/ML	HP, 735A
2	TRITIUM		16894+-77.9 PCI/ML	RAD. MEAS.

WELL HSB115C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/05/88 TIME 910  
 DEPTH TO WATER = 42.78 FT ( 13.04 M) BELOW THE TOC  
 WATER ELEVATION = 226.52 FT ( 69.04 M) MSL  
 PH = 10.7 ALKALINITY = 57 MG/L  
 SPECIFIC CONDUCTANCE = 710 UMHOS/CM  
 WATER TEMPERATURE = 19.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 20 GAL  
 THE WELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		665.0 UMH	ENV. ENG.
2	PH		11.0 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		27 UG/L	ENV. ENG.
1	CALCIUM		25700 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		1700 UG/L	ENV. ENG.
0	COBALT	LT	4 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER		8 UG/L	ENV. ENG.
0	FLUORIDE		180 UG/L	ENV. ENG.
0	IRON	LT	20 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	POTASSIUM		3260 UG/L	ENV. ENG.
0	MAGNESIUM		445 UG/L	ENV. ENG.
0	MANGANESE	LT	2 UG/L	ENV. ENG.
1	SODIUM		81500 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN		53500 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	ANTIMONY	LT	3 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		6800 UG/L	ENV. ENG.
1	SULFATE		10400 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		430000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	ZINC		8 UG/L	ENV. ENG.
0	GROSS ALPHA		0.57+-0.54 PCI/L	HP, 735A
2	GROSS ALPHA	LT	3 PCI/L	RAD. MEAS.
2	NONVOLATILE BETA		53.40+-3.91 PCI/L	HP, 735A
2	NONVOLATILE BETA		62.00+-4.56 PCI/L	RAD. MEAS.
2	TOTAL RADIUM		1.58+-0.57 PCI/L	RAD. MEAS.
2	TRITIUM		25400+-69.4 PCI/ML	HP, 735A
2	TRITIUM		23791+-92.2 PCI/ML	RAD. MEAS.

WELL HSB115D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/05/88 TIME 925  
 DEPTH TO WATER = 41.73 FT ( 12.72 M) BELOW THE TOC  
 WATER ELEVATION = 227.37 FT ( 69.30 M) MSL  
 PH = 6.0 ALKALINITY = 20 MG/L  
 SPECIFIC CONDUCTANCE = 340 UMHOS/CM  
 WATER TEMPERATURE = 20.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 7 GAL  
 THE WELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		324.0 UMH	ENV. ENG.
1	SPECIFIC CONDUCTANCE		323.0 UMH	ENV. ENG.
0	PH		6.31 PH	ENV. ENG.
0	PH		6.31 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		32 UG/L	ENV. ENG.
1	CALCIUM		21400 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		3100 UG/L	ENV. ENG.
0	COBALT	LT	4 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER		7 UG/L	ENV. ENG.
0	FLUORIDE		160 UG/L	ENV. ENG.
1	IRON		222 UG/L	ENV. ENG.

CONTINUED

WELL HSB115D COLLECTED ON 10/05/88 LABORATORY ANALYSES CONTINUED

0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	POTASSIUM		1370 UG/L	ENV. ENG.
0	MAGNESIUM		1120 UG/L	ENV. ENG.
2	MANGANESE		121 UG/L	ENV. ENG.
1	SODIUM		35700 UG/L	ENV. ENG.
2	NICKEL		250 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN		34300 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	ANTIMONY	LT	3 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		15000 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		262000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS		6 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		30 UG/L	ENV. ENG.
0	ZINC		76 UG/L	ENV. ENG.
0	GROSS ALPHA		1.62+-0.83 PCI/L	HP, 735A
0	GROSS ALPHA		2.95+-2.23 PCI/L	RAD. MEAS.
2	NONVOLATILE BETA		216+-7.69 PCI/L	HP, 735A
2	NONVOLATILE BETA		253+-8.40 PCI/L	RAD. MEAS.
0	TOTAL RADIUM		0.96+-0.45 PCI/L	RAD. MEAS.
2	TRITIUM		18800+-59.8 PCI/ML	HP, 735A
2	TRITIUM		17228+-78.6 PCI/ML	RAD. MEAS.

WELL HSB116C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/05/88 TIME 1435  
 DEPTH TO WATER = 31.00 FT ( 9.45 M) BELOW THE TOC  
 WATER ELEVATION = 226.50 FT ( 69.04 M) MSL  
 PH = 5.8 ALKALINITY = 6 MG/L  
 SPECIFIC CONDUCTANCE = 500 UMHOS/CM  
 WATER TEMPERATURE = 20.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 136 GAL

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		508.0 UMH	ENV. ENG.
0	PH		5.98 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
1	BARIUM		53 UG/L	ENV. ENG.
0	CALCIUM		3100 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		1600 UG/L	ENV. ENG.
1	COBALT		21 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER	LT	4 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	IRON	LT	20 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	POTASSIUM		1500 UG/L	ENV. ENG.
0	MAGNESIUM		902 UG/L	ENV. ENG.
2	MANGANESE		564 UG/L	ENV. ENG.
1	SODIUM		73000 UG/L	ENV. ENG.
0	NICKEL		6 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN		55900 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN		56800 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	ANTIMONY	LT	3 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		7400 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		352000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	ZINC		13 UG/L	ENV. ENG.
0	GROSS ALPHA		1.43+-0.78 PCI/L	HP, 735A
1	GROSS ALPHA		13.60+-3.72 PCI/L	RAD. MEAS.
1	NONVOLATILE BETA		29.90+-2.99 PCI/L	HP, 735A
2	NONVOLATILE BETA		74.10+-4.93 PCI/L	RAD. MEAS.
2	TOTAL RADIUM		5.16+-0.97 PCI/L	RAD. MEAS.
2	TRITIUM		27500+-72.3 PCI/ML	HP, 735A
2	TRITIUM		24202+-92.9 PCI/ML	RAD. MEAS.

WELL HSB116D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/05/88 TIME 1515  
 DEPTH TO WATER = 28.01 FT ( 8.54 M) BELOW THE TOC  
 WATER ELEVATION = 228.79 FT ( 69.74 M) MSL  
 PH = 4.2 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 300 UMHOS/CM  
 WATER TEMPERATURE = 21.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 53 GAL

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		328.0 UMH	ENV. ENG.
0	PH		4.33 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
1	BARIUM		127 UG/L	ENV. ENG.
0	CALCIUM		9070 UG/L	ENV. ENG.

CONTINUED

WELL HSB1160 COLLECTED ON 10/05/88 LABORATORY ANALYSES CONTINUED

0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		2300 UG/L	ENV. ENG.
1	COBALT		5 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER		7 UG/L	ENV. ENG.
1	FLUORIDE		590 UG/L	ENV. ENG.
0	IRON		44 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
1	POTASSIUM		19000 UG/L	ENV. ENG.
0	MAGNESIUM		2000 UG/L	ENV. ENG.
2	MANGANESE		555 UG/L	ENV. ENG.
1	SODIUM		25500 UG/L	ENV. ENG.
1	NICKEL		15 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN		33200 UG/L	ENV. ENG.
0	LEAD		14 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	ANTIMONY	LT	3 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		16500 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		192000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS		5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS		5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	ZINC		101 UG/L	ENV. ENG.
1	GROSS ALPHA		14.30+-12.5 PCI/L	HP, 735A
2	GROSS ALPHA		81.80+-6.04 PCI/L	RAD. MEAS.
2	NONVOLATILE BETA		3650+-34.3 PCI/L	HP, 735A
2	NONVOLATILE BETA		4637+- 27 PCI/L	RAD. MEAS.
2	TOTAL RADIUM		19.50+-1.79 PCI/L	RAD. MEAS.
2	TRITIUM		21900+-64.4 PCI/ML	HP, 735A
2	TRITIUM		19245+- 83 PCI/ML	RAD. MEAS.

WELL HSB117A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/13/88 TIME 1035  
 DEPTH TO WATER = 72.21 FT ( 22.01 M) BELOW THE TOC  
 WATER ELEVATION = 164.09 FT ( 50.02 M) MSL  
 PH = 6.8 ALKALINITY = 57 MG/L  
 SPECIFIC CONDUCTANCE = 149 UMHOS/CM  
 WATER TEMPERATURE = 18.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 223 GAL

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		140.0 UMHOS	ENV. ENG.
1	SPECIFIC CONDUCTANCE		161.0 UMHOS	W. A.
1	SPECIFIC CONDUCTANCE		177.0 UMHOS	ENV. ENG.
1	SPECIFIC CONDUCTANCE		164.0 UMHOS	ENV. ENG.
1	PH		7.00 PH	ENV. ENG.
1	PH		7.00 PH	W. A.
1	PH		6.96 PH	ENV. ENG.
1	PH		6.96 PH	ENV. ENG.
0	TRITIUM	LT	0.57 UG/ML	ENV. LAB.
0	SILVER	LT	10 UG/L	ENV. LAB.
0	SILVER	LT	10 UG/L	W. A.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ALUMINUM	LT	200 UG/L	W. A.
0	ARSENIC	LT	10 UG/L	ENV. LAB.
0	ARSENIC	LT	10 UG/L	W. A.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM	LT	100 UG/L	ENV. LAB.
0	BARIUM	LT	200 UG/L	W. A.
0	BERYLLIUM	LT	39 UG/L	ENV. ENG.
1	CALCIUM		5 UG/L	W. A.
1	CALCIUM		21000 UG/L	ENV. LAB.
1	CALCIUM		21200 UG/L	W. A.
1	CALCIUM		19600 UG/L	ENV. ENG.
0	CADMIUM	LT	10 UG/L	ENV. LAB.
0	CADMIUM	LT	15 UG/L	W. A.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE	LT	3000 UG/L	ENV. LAB.
0	CHLORIDE	LT	2500 UG/L	W. A.
0	CHLORIDE	LT	2500 UG/L	ENV. ENG.
0	COBALT	LT	50 UG/L	ENV. LAB.
0	COBALT	LT	50 UG/L	W. A.
0	COBALT	LT	4 UG/L	ENV. ENG.
0	CHROMIUM	LT	50 UG/L	ENV. LAB.
0	CHROMIUM	LT	10 UG/L	W. A.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER	LT	20 UG/L	ENV. LAB.
0	COPPER	LT	25 UG/L	W. A.
0	COPPER	LT	11 UG/L	ENV. ENG.
0	FLUORIDE		140 UG/L	ENV. LAB.
0	FLUORIDE		110 UG/L	W. A.
0	FLUORIDE		160 UG/L	ENV. ENG.
0	IRON	LT	50 UG/L	ENV. LAB.
0	IRON	LT	100 UG/L	W. A.
0	IRON	LT	25 UG/L	ENV. ENG.
0	MERCURY	LT	0.50 UG/L	ENV. LAB.
0	MERCURY	LT	0.20 UG/L	W. A.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	POTASSIUM		4400 UG/L	ENV. LAB.
0	POTASSIUM	LT	5000 UG/L	W. A.
0	POTASSIUM		4710 UG/L	ENV. ENG.
0	MAGNESIUM		960 UG/L	ENV. LAB.
0	MAGNESIUM	LT	5000 UG/L	W. A.
0	MAGNESIUM		902 UG/L	ENV. ENG.
2	MANGANESE		130 UG/L	ENV. LAB.
2	MANGANESE		133 UG/L	W. A.
2	MANGANESE		113 UG/L	ENV. ENG.
0	SODIUM		2400 UG/L	ENV. LAB.

CONTINUED

WELL HSB117A COLLECTED ON 11/13/88 LABORATORY ANALYSES CONTINUED

0	SODIUM	LT	5000 UG/L	W. A.
0	SODIUM		2260 UG/L	ENV. ENG.
0	NICKEL	LT	50 UG/L	ENV. LAB.
0	NICKEL	LT	40 UG/L	W. A.
0	NICKEL	LT	4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	LT	200 UG/L	ENV. LAB.
0	NITRATE AS NITROGEN	LT	100 UG/L	W. A.
0	NITRATE AS NITROGEN		90 UG/L	ENV. ENG.
0	LEAD	LT	10 UG/L	ENV. LAB.
0	LEAD	LT	5 UG/L	W. A.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. LAB.
0	PHENOL	LT	5 UG/L	W. A.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	ANTIMONY	LT	200 UG/L	ENV. LAB.
0	ANTIMONY	LT	60 UG/L	W. A.
0	ANTIMONY	LT	30 UG/L	ENV. ENG.
0	SELENIUM	LT	5 UG/L	W. A.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		26000 UG/L	ENV. LAB.
1	SILICA		8180 UG/L	W. A.
1	SILICA		12700 UG/L	ENV. ENG.
0	TIN	LT	100 UG/L	W. A.
0	SULFATE		6000 UG/L	ENV. LAB.
0	SULFATE		6500 UG/L	W. A.
0	SULFATE		7500 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		110000 UG/L	ENV. LAB.
0	TOTAL DISSOLVED SOLIDS		114000 UG/L	W. A.
0	TOTAL DISSOLVED SOLIDS		168000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	5000 UG/L	ENV. LAB.
0	TOTAL ORGANIC CARBON	LT	500 UG/L	W. A.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
1	TOTAL ORGANIC HALOGENS		21 UG/L	ENV. LAB.
0	TOTAL ORGANIC HALOGENS	LT	10 UG/L	W. A.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		100 UG/L	ENV. LAB.
0	TOTAL PHOSPHATES		120 UG/L	W. A.
0	TOTAL PHOSPHATES		220 UG/L	ENV. ENG.
0	URANIUM	LT	1000 UG/L	W. A.
0	ZINC		50 UG/L	ENV. LAB.
0	ZINC		28 UG/L	W. A.
0	ZINC		14 UG/L	ENV. ENG.
0	GROSS ALPHA		2.70+-1.00 PCI/L	ENV. LAB.
0	GROSS ALPHA		0.00+-5.00 PCI/L	W. A.
0	GROSS ALPHA		2.54+-1.23 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		4.60+-0.81 PCI/L	ENV. LAB.
0	NONVOLATILE BETA		7.00+-3.00 PCI/L	W. A.
0	NONVOLATILE BETA		4.36+-1.09 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT	1 PCI/L	ENV. LAB.
0	TOTAL RADIUM	LT	0.60+-0.40 PCI/L	W. A.
0	TRITIUM		1 PCI/L	RAD. MEAS.
0	TRITIUM		0.00+-1.00 PCI/ML	W. A.
0	TRITIUM	LT	0.70 PCI/ML	RAD. MEAS.

WELL HSB117A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/13/88 TIME 1035  
 DEPTH TO WATER = 72.21 FT ( 22.01 M) BELOW THE TOC  
 WATER ELEVATION = 164.09 FT ( 50.02 M) MSL  
 PH = 6.8 ALKALINITY = 57 MG/L  
 SPECIFIC CONDUCTANCE = 149 UMHOS/CM  
 WATER TEMPERATURE = 18.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 223 GAL

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		160.0 UMHOS	ENV. ENG.
1	PH		7.11 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		40 UG/L	ENV. ENG.
1	CALCIUM		20500 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE	LT	2900 UG/L	ENV. ENG.
0	COBALT	LT	4 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER		12 UG/L	ENV. ENG.
0	FLUORIDE		100 UG/L	ENV. ENG.
0	FLUORIDE		120 UG/L	ENV. ENG.
0	IRON		21 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	POTASSIUM		4580 UG/L	ENV. ENG.
0	MAGNESIUM		937 UG/L	ENV. ENG.
2	MANGANESE		115 UG/L	ENV. ENG.
0	SODIUM		2300 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	LT	50 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	ANTIMONY	LT	30 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		12700 UG/L	ENV. ENG.
0	SULFATE		7400 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		170000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		210 UG/L	ENV. ENG.
0	ZINC		30 UG/L	ENV. ENG.
0	GROSS ALPHA		3.20+-1.32 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		4.90+-1.11 PCI/L	RAD. MEAS.
0	TOTAL RADIUM		0.71+-0.55 PCI/L	RAD. MEAS.
0	TRITIUM	LT	0.70 PCI/ML	RAD. MEAS.



# WELL HSB117C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/16/88 TIME 1330  
 DEPTH TO WATER = 16.48 FT ( 5.02 M) BELOW THE TOC  
 WATER ELEVATION = 219.82 FT ( 67.00 M) MSL  
 PH = 5.2 ALKALINITY = 7 MG/L  
 SPECIFIC CONDUCTANCE = 520 UMHOS/CM  
 WATER TEMPERATURE = 17.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 160 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	520.0 UMHC	ENV. ENG.
0	PH	5.57 PH	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
1	BARIUM	75 UG/L	ENV. ENG.
1	CALCIUM	14500 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHLORIDE	LT 5900 UG/L	ENV. ENG.
1	COBALT	5 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	COPPER	9 UG/L	ENV. ENG.
0	FLUORIDE	120 UG/L	ENV. ENG.
0	IRON	28 UG/L	ENV. ENG.
0	MERCURY	LT 0.20 UG/L	ENV. ENG.
0	POTASSIUM	1080 UG/L	ENV. ENG.
1	MAGNESIUM	5850 UG/L	ENV. ENG.
2	MANGANESE	100 UG/L	ENV. ENG.
1	SODIUM	69000 UG/L	ENV. ENG.
0	NICKEL	7 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN	57300 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	ANTIMONY	LT 3 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
1	SILICA	8050 UG/L	ENV. ENG.
1	SILICA	8070 UG/L	ENV. ENG.
0	SULFATE	6800 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	350000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT 5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT 20 UG/L	ENV. ENG.
0	ZINC	18 UG/L	ENV. ENG.
2	GROSS ALPHA	103+-7.75 PCI/L	HP, 735A
2	GROSS ALPHA	25.30+-4.79 PCI/L	RAD. MEAS.
2	NONVOLATILE BETA	1090+-17 PCI/L	HP, 735A
2	NONVOLATILE BETA	154+-6.65 PCI/L	RAD. MEAS.
2	TOTAL RADIUM	5.54+-0.98 PCI/L	RAD. MEAS.
2	TRITIUM	10200+-43.5 PCI/ML	HP, 735A
2	TRITIUM	8942+-56.9 PCI/ML	RAD. MEAS.

# WELL HSB117D

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/16/88 TIME 1345  
 DEPTH TO WATER = 15.12 FT ( 4.61 M) BELOW THE TOC  
 WATER ELEVATION = 221.18 FT ( 67.42 M) MSL  
 PH = 4.8 ALKALINITY = 5 MG/L  
 SPECIFIC CONDUCTANCE = 90 UMHOS/CM  
 WATER TEMPERATURE = 18.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 74 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	135.0 UMHC	ENV. ENG.
0	PH	5.39 PH	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
0	BARIUM	18 UG/L	ENV. ENG.
0	CALCIUM	1760 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHLORIDE	LT 3500 UG/L	ENV. ENG.
0	COBALT	LT 4 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	COPPER	14 UG/L	ENV. ENG.
0	FLUORIDE	LT 100 UG/L	ENV. ENG.
0	IRON	43 UG/L	ENV. ENG.
0	MERCURY	LT 0.20 UG/L	ENV. ENG.
0	POTASSIUM	500 UG/L	ENV. ENG.
0	MAGNESIUM	924 UG/L	ENV. ENG.
0	MANGANESE	12 UG/L	ENV. ENG.
1	SODIUM	16400 UG/L	ENV. ENG.
0	NICKEL	LT 4 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN	10300 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	ANTIMONY	LT 3 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
1	SILICA	2990 UG/L	ENV. ENG.
1	SILICA	2960 UG/L	ENV. ENG.
0	SULFATE	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	138000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
1	TOTAL ORGANIC HALOGENS	11 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT 20 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT 20 UG/L	ENV. ENG.
0	ZINC	31 UG/L	ENV. ENG.
0	GROSS ALPHA	2.32+-1.23 PCI/L	HP, 735A
1	GROSS ALPHA	5.80+-1.55 PCI/L	RAD. MEAS.
1	NONVOLATILE BETA	33.70+-7.00 PCI/L	HP, 735A

CONTINUED

# WELL HSB117D COLLECTED ON 10/16/88 LABORATORY ANALYSES CONTINUED

1	NONVOLATILE BETA	11.00+-1.35 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	0.40+-0.40 PCI/L	RAD. MEAS.
2	TRITIUM	1970+-6.02 PCI/ML	HP, 735A
2	TRITIUM	1745+-3.71 PCI/ML	RAD. MEAS.

# WELL HSB118A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/13/88 TIME 1340  
 DEPTH TO WATER = 81.84 FT ( 24.95 M) BELOW THE TOC  
 WATER ELEVATION = 165.46 FT ( 50.45 M) MSL  
 PH = 7.1 ALKALINITY = 65 MG/L  
 SPECIFIC CONDUCTANCE = 166 UMHOS/CM  
 WATER TEMPERATURE = 19.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 210 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	160.0 UMHC	ENV. LAB.
1	SPECIFIC CONDUCTANCE	162.0 UMHC	W. A.
1	SPECIFIC CONDUCTANCE	178.0 UMHC	ENV. ENG.
1	PH	7.20 PH	ENV. LAB.
1	PH	6.90 PH	W. A.
1	PH	7.21 PH	ENV. ENG.
0	SILVER	LT 10 UG/L	ENV. LAB.
0	SILVER	LT 10 UG/L	W. A.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	ALUMINUM	LT 200 UG/L	W. A.
0	ARSENIC	LT 10 UG/L	ENV. LAB.
0	ARSENIC	LT 10 UG/L	W. A.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
0	BARIUM	LT 100 UG/L	ENV. LAB.
0	BARIUM	LT 200 UG/L	W. A.
0	BERYLLIUM	LT 75 UG/L	ENV. ENG.
1	CALCIUM	5 UG/L	W. A.
1	CALCIUM	23000 UG/L	ENV. LAB.
1	CALCIUM	24600 UG/L	W. A.
0	CADMIUM	LT 25300 UG/L	ENV. ENG.
0	CADMIUM	LT 10 UG/L	ENV. LAB.
0	CADMIUM	LT 5 UG/L	W. A.
0	CHLORIDE	LT 2 UG/L	ENV. ENG.
0	CHLORIDE	LT 3000 UG/L	ENV. LAB.
0	CHLORIDE	LT 2500 UG/L	W. A.
0	COBALT	LT 2900 UG/L	ENV. ENG.
0	COBALT	LT 50 UG/L	ENV. LAB.
0	COBALT	LT 50 UG/L	W. A.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	CHROMIUM	LT 50 UG/L	ENV. LAB.
1	CHROMIUM	LT 10 UG/L	W. A.
0	COPPER	LT 6 UG/L	ENV. ENG.
0	COPPER	LT 20 UG/L	ENV. LAB.
0	COPPER	LT 25 UG/L	W. A.
0	FLUORIDE	LT 12 UG/L	ENV. ENG.
0	FLUORIDE	LT 170 UG/L	ENV. LAB.
0	FLUORIDE	LT 140 UG/L	W. A.
0	FLUORIDE	LT 120 UG/L	ENV. ENG.
0	FLUORIDE	LT 100 UG/L	ENV. LAB.
0	IRON	LT 100 UG/L	ENV. LAB.
0	IRON	LT 100 UG/L	W. A.
0	IRON	LT 60 UG/L	ENV. ENG.
0	MERCURY	LT 0.50 UG/L	ENV. LAB.
0	MERCURY	LT 0.20 UG/L	W. A.
2	MERCURY	4.98 UG/L	ENV. ENG.
0	POTASSIUM	3800 UG/L	ENV. LAB.
0	POTASSIUM	LT 5000 UG/L	W. A.
0	POTASSIUM	4380 UG/L	ENV. ENG.
0	MAGNESIUM	LT 810 UG/L	ENV. LAB.
0	MAGNESIUM	LT 5000 UG/L	W. A.
0	MAGNESIUM	803 UG/L	ENV. ENG.
2	MANGANESE	100 UG/L	ENV. LAB.
2	MANGANESE	80 UG/L	W. A.
0	SODIUM	71 UG/L	ENV. ENG.
0	SODIUM	LT 3000 UG/L	ENV. LAB.
0	SODIUM	LT 5000 UG/L	W. A.
0	SODIUM	3310 UG/L	ENV. ENG.
0	NICKEL	LT 50 UG/L	ENV. LAB.
0	NICKEL	LT 40 UG/L	W. A.
0	NICKEL	LT 4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	LT 200 UG/L	ENV. LAB.
0	NITRATE AS NITROGEN	LT 100 UG/L	W. A.
0	NITRATE AS NITROGEN	LT 100 UG/L	ENV. ENG.
0	LEAD	LT 10 UG/L	ENV. LAB.
0	LEAD	LT 5 UG/L	W. A.
0	LEAD	LT 6 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. LAB.
0	PHENOL	LT 5 UG/L	W. A.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	ANTIMONY	LT 200 UG/L	ENV. LAB.
0	ANTIMONY	LT 60 UG/L	W. A.
0	ANTIMONY	LT 30 UG/L	ENV. ENG.
0	SELENIUM	LT 10 UG/L	ENV. LAB.
0	SELENIUM	LT 5 UG/L	W. A.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
1	SILICA	32000 UG/L	ENV. LAB.
1	SILICA	9450 UG/L	W. A.
1	SILICA	14300 UG/L	ENV. ENG.
1	SILICA	13900 UG/L	ENV. ENG.
0	TIN	LT 100 UG/L	W. A.
0	SULFATE	7000 UG/L	ENV. LAB.
0	SULFATE	7600 UG/L	W. A.
0	SULFATE	8400 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	130000 UG/L	ENV. LAB.
0	TOTAL DISSOLVED SOLIDS	128000 UG/L	W. A.
0	TOTAL DISSOLVED SOLIDS	172000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 5000 UG/L	ENV. LAB.

CONTINUED

WELL HSB118A COLLECTED ON 11/13/88 LABORATORY ANALYSES CONTINUED

0	TOTAL ORGANIC CARBON	LT	500 UG/L	W. A.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
1	TOTAL ORGANIC HALOGENS		14 UG/L	ENV. LAB.
0	TOTAL ORGANIC HALOGENS	LT	10 UG/L	W. A.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		200 UG/L	ENV. LAB.
0	TOTAL PHOSPHATES		170 UG/L	W. A.
0	TOTAL PHOSPHATES		280 UG/L	ENV. ENG.
0	URANIUM	LT	1000 UG/L	W. A.
0	ZINC		40 UG/L	ENV. LAB.
0	ZINC		58 UG/L	W. A.
0	ZINC		18 UG/L	ENV. ENG.
0	GROSS ALPHA		2.00+-0.93 PCI/L	ENV. LAB.
0	GROSS ALPHA		0.00+-5.00 PCI/L	W. A.
0	GROSS ALPHA		3.05+-1.33 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		4.70+-0.83 PCI/L	ENV. LAB.
0	NONVOLATILE BETA		7.00+-5.00 PCI/L	W. A.
0	NONVOLATILE BETA		4.98+-1.13 PCI/L	RAD. MEAS.
0	TOTAL RADIUM		1.72+-0.26 PCI/L	ENV. LAB.
0	TOTAL RADIUM		0.40+-0.30 PCI/L	W. A.
0	TOTAL RADIUM		0.99+-0.43 PCI/L	RAD. MEAS.
0	TRITIUM	LT	0.57 PCI/ML	ENV. LAB.
0	TRITIUM		0.00+-1.00 PCI/ML	W. A.
0	TRITIUM	LT	0.70 PCI/ML	RAD. MEAS.

WELL HSB118A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/13/88 TIME 1340  
 DEPTH TO WATER = 81.84 FT ( 24.95 M) BELOW THE TOC  
 WATER ELEVATION = 165.46 FT ( 50.43 M) MSL  
 PH = 7.1 ALKALINITY = 65 MG/L  
 SPECIFIC CONDUCTANCE = 166 UMHOS/CM  
 WATER TEMPERATURE = 19.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 210 GAL

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		176.0 UMHOS	ENV. ENG.
1	PH		7.25 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
1	ARSENIC		2 UG/L	ENV. ENG.
1	BARIUM		73 UG/L	ENV. ENG.
1	CALCIUM		25100 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		3000 UG/L	ENV. ENG.
0	COBALT	LT	4 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER		12 UG/L	ENV. ENG.
0	FLUORIDE		150 UG/L	ENV. ENG.
0	IRON		32 UG/L	ENV. ENG.
1	MERCURY		0.58 UG/L	ENV. ENG.
1	MERCURY		0.47 UG/L	ENV. ENG.
0	POTASSIUM		4660 UG/L	ENV. ENG.
0	MAGNESIUM		771 UG/L	ENV. ENG.
2	MANGANESE		67 UG/L	ENV. ENG.
0	SODIUM		2890 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		60 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	ANTHONY	LT	30 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		14100 UG/L	ENV. ENG.
0	SULFATE		8600 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		186000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		270 UG/L	ENV. ENG.
0	ZINC		17 UG/L	ENV. ENG.
0	GROSS ALPHA		2.90+-1.32 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		5.20+-1.14 PCI/L	RAD. MEAS.
0	TOTAL RADIUM		0.63+-0.38 PCI/L	RAD. MEAS.
0	TRITIUM	LT	0.70 PCI/ML	RAD. MEAS.

WELL HSB119A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/05/88 TIME 1715  
 DEPTH TO WATER = 92.19 FT ( 28.10 M) BELOW THE TOC  
 WATER ELEVATION = 164.91 FT ( 50.27 M) MSL  
 PH = 9.2 ALKALINITY = 66 MG/L  
 SPECIFIC CONDUCTANCE = 179 UMHOS/CM  
 WATER TEMPERATURE = 19.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 202 GAL

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		198.0 UMHOS	ENV. ENG.
2	PH		9.23 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
1	ARSENIC		10 UG/L	ENV. ENG.
0	BARIUM		22 UG/L	ENV. ENG.
0	BARIUM		22 UG/L	ENV. ENG.
1	CALCIUM		20200 UG/L	ENV. ENG.
1	CALCIUM		20200 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		7000 UG/L	ENV. ENG.
0	COBALT	LT	4 UG/L	ENV. ENG.

CONTINUED

WELL HSB119A COLLECTED ON 10/05/88 LABORATORY ANALYSES CONTINUED

0	COBALT	LT	4 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER		8 UG/L	ENV. ENG.
0	COPPER		8 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	IRON	LT	20 UG/L	ENV. ENG.
0	IRON	LT	20 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
1	POTASSIUM		11100 UG/L	ENV. ENG.
1	POTASSIUM		11400 UG/L	ENV. ENG.
0	MAGNESIUM		77 UG/L	ENV. ENG.
0	MAGNESIUM		77 UG/L	ENV. ENG.
0	MANGANESE	LT	2 UG/L	ENV. ENG.
0	MANGANESE	LT	2 UG/L	ENV. ENG.
1	SODIUM		10400 UG/L	ENV. ENG.
1	SODIUM		10300 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		1690 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	ANTHONY	LT	3 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		30600 UG/L	ENV. ENG.
0	SULFATE		8100 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		208000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		110 UG/L	ENV. ENG.
0	ZINC		7 UG/L	ENV. ENG.
0	ZINC		6 UG/L	ENV. ENG.
0	GROSS ALPHA		-0.11+-0.21 PCI/L	HP, 735A
0	GROSS ALPHA		0.85+-0.66 PCI/L	RAD. MEAS.
1	NONVOLATILE BETA		14.30+-2.54 PCI/L	HP, 735A
1	NONVOLATILE BETA		10.40+-1.53 PCI/L	RAD. MEAS.
0	TOTAL RADIUM		0.49+-0.47 PCI/L	RAD. MEAS.
2	TRITIUM		146+-1.71 PCI/ML	HP, 735A
2	TRITIUM		110+-0.95 PCI/ML	RAD. MEAS.

WELL HSB120A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/08/88 TIME 1015  
 DEPTH TO WATER = 104.00 FT ( 31.70 M) BELOW THE TOC  
 WATER ELEVATION = 164.20 FT ( 50.05 M) MSL  
 PH = 8.9 ALKALINITY = 96 MG/L  
 SPECIFIC CONDUCTANCE = 225 UMHOS/CM  
 WATER TEMPERATURE = 17.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 207 GAL

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		242.0 UMHOS	ENV. ENG.
2	PH		9.01 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
1	ARSENIC		8 UG/L	ENV. ENG.
0	BARIUM		25 UG/L	ENV. ENG.
1	CALCIUM		34500 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		2900 UG/L	ENV. ENG.
0	COBALT	LT	4 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER	LT	4 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	IRON	LT	20 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
1	POTASSIUM		5800 UG/L	ENV. ENG.
1	POTASSIUM		5820 UG/L	ENV. ENG.
0	MAGNESIUM		445 UG/L	ENV. ENG.
0	MANGANESE		4 UG/L	ENV. ENG.
1	SODIUM		9690 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		210 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	ANTHONY	LT	3 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		33200 UG/L	ENV. ENG.
1	SULFATE		10500 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		146000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		110 UG/L	ENV. ENG.
0	ZINC		8 UG/L	ENV. ENG.
0	ZINC		14 UG/L	ENV. ENG.
0	GROSS ALPHA		3.95+-2.02 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		7.67+-1.66 PCI/L	RAD. MEAS.
0	TOTAL RADIUM		1.09+-0.65 PCI/L	RAD. MEAS.
0	TRITIUM	LT	0.70 PCI/ML	RAD. MEAS.

## WELL HSB121A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/08/88 TIME 1130  
 DEPTH TO WATER = 105.26 FT ( 32.08 M) BELOW THE TOC  
 WATER ELEVATION = 169.34 FT ( 51.62 M) MSL  
 PH = 8.1 ALKALINITY = 91 MG/L  
 SPECIFIC CONDUCTANCE = 245 UMHS/CM  
 WATER TEMPERATURE = 19.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 227 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	250.0 UMHC	ENV. ENG.
1	PH	7.70 PH	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	ARSENIC	LT 3 UG/L	ENV. ENG.
0	BARIUM	37 UG/L	ENV. ENG.
1	CALCIUM	35000 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHLORIDE	2700 UG/L	ENV. ENG.
0	COBALT	LT 4 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	COPPER	LT 4 UG/L	ENV. ENG.
0	FLUORIDE	LT 100 UG/L	ENV. ENG.
0	FLUORIDE	LT 100 UG/L	ENV. ENG.
0	IRON	LT 20 UG/L	ENV. ENG.
0	MERCURY	LT 0.20 UG/L	ENV. ENG.
1	POTASSIUM	7720 UG/L	ENV. ENG.
1	POTASSIUM	8150 UG/L	ENV. ENG.
0	MANGANESE	617 UG/L	ENV. ENG.
0	MANGANESE	5 UG/L	ENV. ENG.
1	SODIUM	6030 UG/L	ENV. ENG.
0	NICKEL	LT 4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	60 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	60 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	ANTIMONY	LT 3 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
1	SILICA	51900 UG/L	ENV. ENG.
1	SULFATE	12200 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	182000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	8 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	110 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	110 UG/L	ENV. ENG.
0	ZINC	12 UG/L	ENV. ENG.
0	ZINC	13 UG/L	ENV. ENG.
0	GROSS ALPHA	2.22+-1.81 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	7.84+-1.67 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	0.92+-0.66 PCI/L	RAD. MEAS.
0	TRITIUM	LT 0.70 PCI/ML	RAD. MEAS.

## WELL HSB122A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/08/88 TIME 1210  
 DEPTH TO WATER = 102.44 FT ( 31.22 M) BELOW THE TOC  
 WATER ELEVATION = 169.16 FT ( 51.56 M) MSL  
 PH = 6.8 ALKALINITY = 89 MG/L  
 SPECIFIC CONDUCTANCE = 240 UMHS/CM  
 WATER TEMPERATURE = 19.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 228 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	251.0 UMHC	ENV. ENG.
1	PH	7.15 PH	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
0	BARIUM	26 UG/L	ENV. ENG.
1	CALCIUM	37400 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHLORIDE	3200 UG/L	ENV. ENG.
0	COBALT	LT 4 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	COPPER	LT 4 UG/L	ENV. ENG.
0	FLUORIDE	LT 100 UG/L	ENV. ENG.
0	FLUORIDE	110 UG/L	ENV. ENG.
0	IRON	29 UG/L	ENV. ENG.
0	MERCURY	LT 0.20 UG/L	ENV. ENG.
0	POTASSIUM	1630 UG/L	ENV. ENG.
0	MANGANESE	726 UG/L	ENV. ENG.
0	MANGANESE	18 UG/L	ENV. ENG.
0	SODIUM	3020 UG/L	ENV. ENG.
0	NICKEL	LT 4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	60 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	ANTIMONY	LT 3 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
1	SILICA	36500 UG/L	ENV. ENG.
1	SULFATE	12300 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	435000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
2	TOTAL ORGANIC HALOGENS	443 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	140 UG/L	ENV. ENG.
0	ZINC	11 UG/L	ENV. ENG.
0	GROSS ALPHA	LT 3 PCI/L	RAD. MEAS.
0	GROSS ALPHA	LT 3 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	LT 2 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	1.59+-1.31 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT 1 PCI/L	RAD. MEAS.

CONTINUED

## WELL HSB122A COLLECTED ON 10/08/88 LABORATORY ANALYSES CONTINUED

0	TOTAL RADIUM	0.66+-0.60 PCI/L	RAD. MEAS.
0	TRITIUM	LT 0.70 PCI/ML	RAD. MEAS.
0	TRITIUM	LT 0.70 PCI/ML	RAD. MEAS.

## WELL HSB123A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/08/88 TIME 1250  
 DEPTH TO WATER = 95.37 FT ( 29.07 M) BELOW THE TOC  
 WATER ELEVATION = 169.13 FT ( 51.55 M) MSL  
 PH = 8.1 ALKALINITY = 99 MG/L  
 SPECIFIC CONDUCTANCE = 235 UMHS/CM  
 WATER TEMPERATURE = 19.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 216 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	218.0 UMHC	ENV. ENG.
2	PH	8.24 PH	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
0	BARIUM	43 UG/L	ENV. ENG.
1	CALCIUM	38400 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHLORIDE	5500 UG/L	ENV. ENG.
0	CHLORIDE	5500 UG/L	ENV. ENG.
0	COBALT	LT 4 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	COPPER	LT 4 UG/L	ENV. ENG.
0	FLUORIDE	LT 100 UG/L	ENV. ENG.
0	IRON	24 UG/L	ENV. ENG.
0	MERCURY	LT 0.20 UG/L	ENV. ENG.
0	POTASSIUM	4740 UG/L	ENV. ENG.
0	MANGANESE	830 UG/L	ENV. ENG.
0	MANGANESE	3 UG/L	ENV. ENG.
0	NICKEL	6250 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	LT 4 UG/L	ENV. ENG.
0	LEAD	60 UG/L	ENV. ENG.
0	ANTIMONY	LT 6 UG/L	ENV. ENG.
0	SELENIUM	LT 3 UG/L	ENV. ENG.
1	SILICA	39600 UG/L	ENV. ENG.
1	SULFATE	13900 UG/L	ENV. ENG.
1	SULFATE	13900 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	142000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
2	TOTAL ORGANIC HALOGENS	107 UG/L	ENV. ENG.
2	TOTAL ORGANIC HALOGENS	130 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	80 UG/L	ENV. ENG.
0	ZINC	13 UG/L	ENV. ENG.
0	GROSS ALPHA	LT 3 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	4.43+-1.47 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	0.65+-0.57 PCI/L	RAD. MEAS.
0	TRITIUM	LT 0.70 PCI/ML	RAD. MEAS.

## WELL HSB124A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/08/88 TIME 1315  
 DEPTH TO WATER = 79.31 FT ( 24.25 M) BELOW THE TOC  
 WATER ELEVATION = 191.89 FT ( 58.49 M) MSL  
 PH = 8.3 ALKALINITY = 72 MG/L  
 SPECIFIC CONDUCTANCE = 230 UMHS/CM  
 WATER TEMPERATURE = 19.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 46 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	207.0 UMHC	ENV. ENG.
1	SPECIFIC CONDUCTANCE	185.0 UMHC	ENV. ENG.
2	PH	8.08 PH	ENV. ENG.
2	PH	8.20 PH	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
0	BARIUM	45 UG/L	ENV. ENG.
1	CALCIUM	34200 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHLORIDE	3300 UG/L	ENV. ENG.
0	COBALT	LT 4 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	COPPER	LT 4 UG/L	ENV. ENG.
0	FLUORIDE	160 UG/L	ENV. ENG.
0	IRON	30 UG/L	ENV. ENG.
0	MERCURY	LT 0.20 UG/L	ENV. ENG.
0	POTASSIUM	2240 UG/L	ENV. ENG.
0	MANGANESE	880 UG/L	ENV. ENG.
0	MANGANESE	2 UG/L	ENV. ENG.
0	SODIUM	2840 UG/L	ENV. ENG.
0	NICKEL	LT 4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	60 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	ANTIMONY	LT 3 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
1	SILICA	36300 UG/L	ENV. ENG.
1	SULFATE	12500 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	124000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
2	TOTAL ORGANIC HALOGENS	750 UG/L	ENV. ENG.

CONTINUED

WELL HSB124A COLLECTED ON 10/08/88 LABORATORY ANALYSES CONTINUED

0 TOTAL PHOSPHATES LT 20 UG/L ENV. ENG.  
 0 ZINC 15 UG/L ENV. ENG.  
 0 GROSS ALPHA 3.24+-2.44 PCI/L RAD. MEAS.  
 0 NONVOLATILE BETA 2.68+-1.44 PCI/L RAD. MEAS.  
 0 TOTAL RADIUM 1.66+-0.79 PCI/L RAD. MEAS.  
 0 TRITIUM LT 0.70 PCI/ML RAD. MEAS.

WELL HSB125C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/12/88 TIME 1610  
 DEPTH TO WATER = 9.54 FT ( 2.91 M) BELOW THE TOC  
 WATER ELEVATION = 222.36 FT ( 67.78 M) MSL  
 PH = 6.2 ALKALINITY = 37 MG/L  
 SPECIFIC CONDUCTANCE = 89 UMHOS/CM  
 WATER TEMPERATURE = 17.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 214 GAL

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE 108.0 UMHOS ENV. ENG.  
 0 PH 6.35 PH ENV. ENG.  
 0 SILVER LT 2 UG/L ENV. ENG.  
 0 ARSENIC LT 2 UG/L ENV. ENG.  
 0 BARIUM 8 UG/L ENV. ENG.  
 1 CALCIUM 13800 UG/L ENV. ENG.  
 0 CADMIUM LT 2 UG/L ENV. ENG.  
 0 CHLORIDE 3000 UG/L ENV. ENG.  
 0 COBALT LT 4 UG/L ENV. ENG.  
 0 CHROMIUM LT 4 UG/L ENV. ENG.  
 0 COPPER 7 UG/L ENV. ENG.  
 0 FLUORIDE 170 UG/L ENV. ENG.  
 0 IRON LT 20 UG/L ENV. ENG.  
 0 MERCURY LT 0.20 UG/L ENV. ENG.  
 0 POTASSIUM 623 UG/L ENV. ENG.  
 0 MAGNESIUM 1030 UG/L ENV. ENG.  
 0 MANGANESE 6 UG/L ENV. ENG.  
 0 SODIUM 2500 UG/L ENV. ENG.  
 0 NICKEL LT 4 UG/L ENV. ENG.  
 0 NITRATE AS NITROGEN 120 UG/L ENV. ENG.  
 0 LEAD LT 6 UG/L ENV. ENG.  
 0 PHENOL LT 5 UG/L ENV. ENG.  
 0 ANTIMONY LT 3 UG/L ENV. ENG.  
 0 SELENIUM LT 2 UG/L ENV. ENG.  
 1 SILICA 11200 UG/L ENV. ENG.  
 0 SULFATE LT 5000 UG/L ENV. ENG.  
 0 TOTAL DISSOLVED SOLIDS 50000 UG/L ENV. ENG.  
 0 TOTAL ORGANIC CARBON LT 1000 UG/L ENV. ENG.  
 0 TOTAL ORGANIC HALOGENS LT 5 UG/L ENV. ENG.  
 0 TOTAL PHOSPHATES 130 UG/L ENV. ENG.  
 0 ZINC 12 UG/L ENV. ENG.  
 0 GROSS ALPHA LT 3 PCI/L RAD. MEAS.  
 0 NONVOLATILE BETA LT 2 PCI/L RAD. MEAS.  
 0 TOTAL RADIUM LT 1 PCI/L RAD. MEAS.  
 0 TRITIUM 1.73+-0.25 PCI/ML RAD. MEAS.

WELL HSB125D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/12/88 TIME 1520  
 DEPTH TO WATER = 9.67 FT ( 2.95 M) BELOW THE TOC  
 WATER ELEVATION = 222.03 FT ( 67.68 M) MSL  
 PH = 5.0 ALKALINITY = 2 MG/L  
 SPECIFIC CONDUCTANCE = 600 UMHOS/CM  
 WATER TEMPERATURE = 18.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 93 GAL

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE 418.0 UMHOS ENV. ENG.  
 0 PH 5.21 PH ENV. ENG.  
 0 SILVER LT 2 UG/L ENV. ENG.  
 0 ARSENIC LT 2 UG/L ENV. ENG.  
 0 BARIUM 19 UG/L ENV. ENG.  
 0 CALCIUM 4000 UG/L ENV. ENG.  
 0 CADMIUM LT 2 UG/L ENV. ENG.  
 0 CHLORIDE 5600 UG/L ENV. ENG.  
 0 COBALT LT 4 UG/L ENV. ENG.  
 0 CHROMIUM LT 4 UG/L ENV. ENG.  
 0 COPPER 5 UG/L ENV. ENG.  
 0 FLUORIDE LT 100 UG/L ENV. ENG.  
 0 IRON LT 20 UG/L ENV. ENG.  
 0 MERCURY LT 0.36 UG/L ENV. ENG.  
 0 POTASSIUM LT 500 UG/L ENV. ENG.  
 0 MAGNESIUM 643 UG/L ENV. ENG.  
 2 MANGANESE 116 UG/L ENV. ENG.  
 0 SODIUM 4900 UG/L ENV. ENG.  
 0 NICKEL LT 4 UG/L ENV. ENG.  
 2 NITRATE AS NITROGEN 47800 UG/L ENV. ENG.  
 0 LEAD LT 6 UG/L ENV. ENG.  
 0 PHENOL LT 5 UG/L ENV. ENG.  
 0 ANTIMONY LT 3 UG/L ENV. ENG.  
 0 SELENIUM LT 2 UG/L ENV. ENG.  
 1 SILICA 6220 UG/L ENV. ENG.  
 0 SULFATE LT 5000 UG/L ENV. ENG.  
 0 TOTAL DISSOLVED SOLIDS 280000 UG/L ENV. ENG.  
 0 TOTAL ORGANIC CARBON LT 1000 UG/L ENV. ENG.  
 0 TOTAL ORGANIC HALOGENS 7 UG/L ENV. ENG.  
 0 TOTAL PHOSPHATES 20 UG/L ENV. ENG.  
 0 TOTAL PHOSPHATES 20 UG/L ENV. ENG.  
 0 ZINC 28 UG/L ENV. ENG.

CONTINUED

WELL HSB1250 COLLECTED ON 10/12/88 LABORATORY ANALYSES CONTINUED

0 GROSS ALPHA 3.48+-1.48 PCI/L HP, 735A  
 1 GROSS ALPHA 5.40+-1.69 PCI/L RAD. MEAS.  
 1 NONVOLATILE BETA 36.40+-3.31 PCI/L HP, 735A  
 1 NONVOLATILE BETA 27.60+-2.31 PCI/L RAD. MEAS.  
 0 TOTAL RADIUM 0.57+-0.39 PCI/L RAD. MEAS.  
 2 TRITIUM 8260+-39.1 PCI/ML HP, 735A  
 2 TRITIUM 5571+-45.3 PCI/ML RAD. MEAS.

WELL HSB126C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/18/88 TIME 1640  
 DEPTH TO WATER = 9.71 FT ( 2.96 M) BELOW THE TOC  
 WATER ELEVATION = 202.89 FT ( 61.84 M) MSL  
 PH = 6.9 ALKALINITY = 88 MG/L  
 SPECIFIC CONDUCTANCE = 220 UMHOS/CM  
 WATER TEMPERATURE = 17.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 77 GAL

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE 230.0 UMHOS ENV. ENG.  
 1 PH 7.81 PH ENV. ENG.  
 0 SILVER LT 2 UG/L ENV. ENG.  
 0 ARSENIC LT 2 UG/L ENV. ENG.  
 0 BARIUM 18 UG/L ENV. ENG.  
 1 CALCIUM 33300 UG/L ENV. ENG.  
 0 CADMIUM LT 2 UG/L ENV. ENG.  
 0 CHLORIDE 3000 UG/L ENV. ENG.  
 0 COBALT LT 4 UG/L ENV. ENG.  
 0 CHROMIUM LT 4 UG/L ENV. ENG.  
 0 COPPER 12 UG/L ENV. ENG.  
 0 FLUORIDE 150 UG/L ENV. ENG.  
 0 IRON 24 UG/L ENV. ENG.  
 0 MERCURY LT 0.20 UG/L ENV. ENG.  
 0 POTASSIUM 855 UG/L ENV. ENG.  
 0 MAGNESIUM 1200 UG/L ENV. ENG.  
 0 MANGANESE 9 UG/L ENV. ENG.  
 1 SODIUM 11200 UG/L ENV. ENG.  
 0 NICKEL LT 4 UG/L ENV. ENG.  
 1 NITRATE AS NITROGEN 3650 UG/L ENV. ENG.  
 0 LEAD LT 6 UG/L ENV. ENG.  
 0 PHENOL LT 5 UG/L ENV. ENG.  
 0 ANTIMONY LT 30 UG/L ENV. ENG.  
 0 SELENIUM LT 2 UG/L ENV. ENG.  
 1 SILICA 22500 UG/L ENV. ENG.  
 1 SILICA 22500 UG/L ENV. ENG.  
 0 SULFATE LT 5000 UG/L ENV. ENG.  
 0 TOTAL DISSOLVED SOLIDS 152000 UG/L ENV. ENG.  
 0 TOTAL ORGANIC CARBON LT 1000 UG/L ENV. ENG.  
 0 TOTAL ORGANIC CARBON LT 1000 UG/L ENV. ENG.  
 0 TOTAL ORGANIC HALOGENS LT 5 UG/L ENV. ENG.  
 0 TOTAL PHOSPHATES 110 UG/L ENV. ENG.  
 0 ZINC 20 UG/L ENV. ENG.  
 0 GROSS ALPHA 0.53+-0.56 PCI/L HP, 735A  
 0 GROSS ALPHA LT 3 PCI/L RAD. MEAS.  
 0 NONVOLATILE BETA 0.97+-1.77 PCI/L HP, 735A  
 0 NONVOLATILE BETA 5.12+-1.41 PCI/L RAD. MEAS.  
 0 TOTAL RADIUM 2.04+-0.68 PCI/L RAD. MEAS.  
 2 TRITIUM 290+-2.41 PCI/ML HP, 735A  
 2 TRITIUM 262+-2.83 PCI/ML RAD. MEAS.

WELL HSB126D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/19/88 TIME 1140  
 DEPTH TO WATER = 8.18 FT ( 2.49 M) BELOW THE TOC  
 WATER ELEVATION = 204.52 FT ( 62.34 M) MSL  
 PH = 4.5 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 480 UMHOS/CM  
 WATER TEMPERATURE = 20.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 8 GAL  
 THE WELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE 470.0 UMHOS ENV. ENG.  
 0 PH 4.81 PH ENV. ENG.  
 0 SILVER LT 2 UG/L ENV. ENG.  
 0 ARSENIC LT 2 UG/L ENV. ENG.  
 1 BARIUM 99 UG/L ENV. ENG.  
 0 CALCIUM 8730 UG/L ENV. ENG.  
 0 CADMIUM LT 2 UG/L ENV. ENG.  
 0 CHLORIDE 5500 UG/L ENV. ENG.  
 1 COBALT 6 UG/L ENV. ENG.  
 0 CHROMIUM LT 4 UG/L ENV. ENG.  
 0 COPPER 9 UG/L ENV. ENG.  
 0 FLUORIDE LT 100 UG/L ENV. ENG.  
 0 IRON 51 UG/L ENV. ENG.  
 2 MERCURY 2.11 UG/L ENV. ENG.  
 2 MERCURY 1.98 UG/L ENV. ENG.  
 0 POTASSIUM 1100 UG/L ENV. ENG.  
 0 MAGNESIUM 4530 UG/L ENV. ENG.  
 2 MANGANESE 65 UG/L ENV. ENG.  
 1 SODIUM 69600 UG/L ENV. ENG.  
 0 NICKEL 5 UG/L ENV. ENG.  
 2 NITRATE AS NITROGEN 50400 UG/L ENV. ENG.  
 0 LEAD LT 9 UG/L ENV. ENG.  
 0 PHENOL LT 5 UG/L ENV. ENG.  
 0 ANTIMONY LT 30 UG/L ENV. ENG.  
 0 SELENIUM LT 2 UG/L ENV. ENG.  
 1 SILICA 4120 UG/L ENV. ENG.

CONTINUED

WELL HSB126D COLLECTED ON 10/19/88 LABORATORY ANALYSES CONTINUED

0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		408000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON		1700 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS		9 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		130 UG/L	ENV. ENG.
0	ZINC		50 UG/L	ENV. ENG.
0	GROSS ALPHA		2.18+-1.20 PCI/L	HP, 735A
0	GROSS ALPHA		3.51+-2.59 PCI/L	RAD. MEAS.
1	NONVOLATILE BETA		13.40+-2.22 PCI/L	HP, 735A
1	NONVOLATILE BETA		30.60+-3.30 PCI/L	RAD. MEAS.
0	TOTAL RADIUM		1.06+-0.55 PCI/L	RAD. MEAS.
2	TRITIUM		2570+-22.2 PCI/ML	HP, 735A
2	TRITIUM		2363+- 51 PCI/ML	RAD. MEAS.

WELL HSB127C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/11/88 TIME 1448  
 DEPTH TO WATER = 15.85 FT ( 4.85 M) BELOW THE TOC  
 WATER ELEVATION = 209.85 FT ( 63.96 M) MSL  
 PH = 7.2 ALKALINITY = 70 MG/L  
 SPECIFIC CONDUCTANCE = 250 UMHOS/CM  
 WATER TEMPERATURE = 18.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 34 GAL  
 THE WELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		263.0 UMHOS	ENV. ENG.
2	PH		8.46 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		36 UG/L	ENV. ENG.
1	CALCIUM		21900 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		3500 UG/L	ENV. ENG.
0	COBALT	LT	4 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER		10 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	IRON	LT	20 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
1	POTASSIUM		16200 UG/L	ENV. ENG.
0	MAGNESIUM		1020 UG/L	ENV. ENG.
0	MANGANESE	LT	2 UG/L	ENV. ENG.
1	SODIUM		12900 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
1	NITRATE AS NITROGEN		9810 UG/L	ENV. ENG.
1	NITRATE AS NITROGEN		9920 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	ANTIMONY	LT	30 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		10500 UG/L	ENV. ENG.
1	SILICA		10300 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		166000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		162000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON		1900 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS		6 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		40 UG/L	ENV. ENG.
0	ZINC		5 UG/L	ENV. ENG.
0	GROSS ALPHA		0.29+-0.07 PCI/L	HP, 735A
0	GROSS ALPHA	LT	3 PCI/L	RAD. MEAS.
1	NONVOLATILE BETA		26.80+-2.04 PCI/L	HP, 735A
1	NONVOLATILE BETA		26.90+-2.33 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT	1 PCI/L	RAD. MEAS.
2	TRITIUM		1450+-5.89 PCI/ML	HP, 735A
2	TRITIUM		1111+-2.96 PCI/ML	RAD. MEAS.

WELL HSB127D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/11/88 TIME 1435  
 DEPTH TO WATER = 7.37 FT ( 2.25 M) BELOW THE TOC  
 WATER ELEVATION = 218.73 FT ( 66.67 M) MSL  
 PH = 4.8 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 250 UMHOS/CM  
 WATER TEMPERATURE = 19.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 72 GAL

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		287.0 UMHOS	ENV. ENG.
0	PH		4.68 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		16 UG/L	ENV. ENG.
0	CALCIUM		1830 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		2500 UG/L	ENV. ENG.
0	COBALT	LT	4 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER	LT	4 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	IRON	LT	20 UG/L	ENV. ENG.
1	MERCURY		0.46 UG/L	ENV. ENG.
1	MERCURY		0.52 UG/L	ENV. ENG.
0	POTASSIUM		508 UG/L	ENV. ENG.
0	MAGNESIUM		1240 UG/L	ENV. ENG.
2	MANGANESE		267 UG/L	ENV. ENG.
1	SODIUM		39400 UG/L	ENV. ENG.

CONTINUED

WELL HSB127D COLLECTED ON 10/11/88 LABORATORY ANALYSES CONTINUED

0	NICKEL		5 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN		26300 UG/L	ENV. ENG.
0	LEAD		34 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	ANTIMONY	LT	3 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		3130 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		338000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS		8 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	ZINC		11 UG/L	ENV. ENG.
0	GROSS ALPHA		3.34+-1.51 PCI/L	HP, 735A
1	GROSS ALPHA		8.02+-2.00 PCI/L	RAD. MEAS.
1	NONVOLATILE BETA		24.80+-2.75 PCI/L	HP, 735A
0	NONVOLATILE BETA		41.90+-2.84 PCI/L	RAD. MEAS.
1	TOTAL RADIUM		2.29+-0.57 PCI/L	RAD. MEAS.
2	TRITIUM		16600+- 63 PCI/ML	HP, 735A
2	TRITIUM		15873+-34.2 PCI/ML	RAD. MEAS.

WELL HSB129C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/18/88 TIME 1405  
 DEPTH TO WATER = 9.88 FT ( 3.01 M) BELOW THE TOC  
 WATER ELEVATION = 205.22 FT ( 62.55 M) MSL  
 PH = 5.5 ALKALINITY = 8 MG/L  
 SPECIFIC CONDUCTANCE = 150 UMHOS/CM  
 WATER TEMPERATURE = 18.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 164 GAL

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		177.0 UMHOS	ENV. ENG.
1	SPECIFIC CONDUCTANCE		167.0 UMHOS	ENV. ENG.
0	PH		5.22 PH	ENV. ENG.
0	PH		5.31 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		21 UG/L	ENV. ENG.
1	CALCIUM		36800 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		4000 UG/L	ENV. ENG.
0	COBALT	LT	4 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER		15 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	IRON	LT	20 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	POTASSIUM		583 UG/L	ENV. ENG.
0	MAGNESIUM		541 UG/L	ENV. ENG.
0	MANGANESE		2 UG/L	ENV. ENG.
0	SODIUM		3010 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN		14200 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	ANTIMONY	LT	30 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		4690 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		184000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		150 UG/L	ENV. ENG.
0	ZINC		6 UG/L	ENV. ENG.
0	GROSS ALPHA		3.05+-1.39 PCI/L	HP, 735A
0	GROSS ALPHA		2.98+-2.02 PCI/L	RAD. MEAS.
2	NONVOLATILE BETA		53.10+-3.93 PCI/L	HP, 735A
0	NONVOLATILE BETA		74.30+-2.98 PCI/L	RAD. MEAS.
2	TOTAL RADIUM		1.45+-0.58 PCI/L	RAD. MEAS.
2	TRITIUM		2100+-6.41 PCI/ML	HP, 735A
2	TRITIUM		2132+-46.5 PCI/ML	RAD. MEAS.

WELL HSB129D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/18/88 TIME 1305  
 DEPTH TO WATER = 6.26 FT ( 1.91 M) BELOW THE TOC  
 WATER ELEVATION = 208.44 FT ( 63.55 M) MSL  
 PH = 4.5 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 460 UMHOS/CM  
 WATER TEMPERATURE = 18.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 76 GAL

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		450.0 UMHOS	ENV. ENG.
0	PH		4.82 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		50 UG/L	ENV. ENG.
0	CALCIUM		49 UG/L	ENV. ENG.
0	CALCIUM		3850 UG/L	ENV. ENG.
0	CALCIUM		3760 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.

CONTINUED

## WELL HSB129D COLLECTED ON 10/18/88 LABORATORY ANALYSES CONTINUED

0	CHLORIDE		6000 UG/L	ENV. ENG.
0	COBALT	LT	4 UG/L	ENV. ENG.
0	COBALT	LT	4 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER	LT	4 UG/L	ENV. ENG.
0	COPPER		5 UG/L	ENV. ENG.
0	FLUORIDE	LT	4 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	IRON	LT	100 UG/L	ENV. ENG.
0	IRON		32 UG/L	ENV. ENG.
0	MERCURY	LT	26 UG/L	ENV. ENG.
1	POTASSIUM		0.20 UG/L	ENV. ENG.
1	POTASSIUM		5470 UG/L	ENV. ENG.
0	MAGNESIUM		6240 UG/L	ENV. ENG.
0	MAGNESIUM		3840 UG/L	ENV. ENG.
1	MANGANESE		3540 UG/L	ENV. ENG.
1	MANGANESE		27 UG/L	ENV. ENG.
1	SODIUM		72200 UG/L	ENV. ENG.
1	SODIUM		74000 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN		51400 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN		50900 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	ANTIMONY	LT	30 UG/L	ENV. ENG.
0	ANTIMONY	LT	30 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		3310 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		440000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	ZINC		17 UG/L	ENV. ENG.
0	ZINC		24 UG/L	ENV. ENG.
0	GROSS ALPHA		2.23+-1.02 PCI/L	HP, 735A
1	GROSS ALPHA		9.75+-3.33 PCI/L	RAD. MEAS.
2	NONVOLATILE BETA		67.00+-4.85 PCI/L	HP, 735A
2	NONVOLATILE BETA		85.80+-5.03 PCI/L	RAD. MEAS.
1	TOTAL RADIUM		2.69+-0.76 PCI/L	RAD. MEAS.
2	TRITIUM		13100+-50.7 PCI/ML	HP, 735A
2	TRITIUM		11848+-120 PCI/ML	RAD. MEAS.

## WELL HSB130C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/13/88 TIME 1220  
 DEPTH TO WATER = 19.42 FT ( 5.92 M) BELOW THE TOC  
 WATER ELEVATION = 198.88 FT ( 60.62 M) MSL  
 PH = 7.4 ALKALINITY = 76 MG/L  
 SPECIFIC CONDUCTANCE = 169 UMHOS/CM  
 WATER TEMPERATURE = 17.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 116 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		160.0 UMHOS	ENV. ENG.
1	SPECIFIC CONDUCTANCE		162.0 UMHOS	M. A.
1	SPECIFIC CONDUCTANCE		171.0 UMHOS	ENV. ENG.
1	PH		8.00 PH	ENV. LAB.
1	PH		7.90 PH	M. A.
2	PH		8.01 PH	ENV. ENG.
0	SILVER	LT	10 UG/L	ENV. LAB.
0	SILVER	LT	10 UG/L	M. A.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ALUMINIUM	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	200 UG/L	M. A.
0	ARSENIC	LT	10 UG/L	ENV. LAB.
0	ARSENIC	LT	10 UG/L	M. A.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM	LT	2 UG/L	ENV. ENG.
0	BARIUM	LT	100 UG/L	ENV. LAB.
0	BARIUM	LT	200 UG/L	M. A.
0	BERYLLIUM	LT	21 UG/L	ENV. ENG.
1	CALCIUM		5 UG/L	M. A.
1	CALCIUM		24000 UG/L	ENV. LAB.
1	CALCIUM		23300 UG/L	M. A.
0	CADMIUM	LT	25700 UG/L	ENV. ENG.
0	CADMIUM	LT	10 UG/L	ENV. LAB.
0	CADMIUM	LT	5 UG/L	M. A.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE	LT	2000 UG/L	ENV. LAB.
0	CHLORIDE	LT	2500 UG/L	M. A.
0	CHLORIDE	LT	2700 UG/L	ENV. ENG.
0	COBALT	LT	50 UG/L	ENV. LAB.
0	COBALT	LT	50 UG/L	M. A.
2	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	CHROMIUM	LT	50 UG/L	ENV. LAB.
0	CHROMIUM	LT	10 UG/L	M. A.
0	COPPER	LT	4 UG/L	ENV. ENG.
0	COPPER	LT	20 UG/L	ENV. LAB.
0	COPPER	LT	25 UG/L	M. A.
0	COPPER	LT	12 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. LAB.
0	FLUORIDE	LT	100 UG/L	M. A.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	IRON	LT	150 UG/L	ENV. LAB.
0	IRON	LT	100 UG/L	M. A.
0	IRON	LT	20 UG/L	ENV. ENG.
0	MERCURY	LT	0.50 UG/L	ENV. LAB.
0	MERCURY	LT	0.20 UG/L	M. A.
0	MERCURY	LT	0.36 UG/L	ENV. ENG.

CONTINUED

## WELL HSB130C COLLECTED ON 11/13/88 LABORATORY ANALYSES CONTINUED

0	POTASSIUM		1400 UG/L	ENV. LAB.
0	POTASSIUM	LT	5000 UG/L	M. A.
0	POTASSIUM		868 UG/L	ENV. ENG.
0	MAGNESIUM		660 UG/L	ENV. LAB.
0	MAGNESIUM	LT	5000 UG/L	M. A.
0	MAGNESIUM		606 UG/L	ENV. ENG.
1	MANGANESE		50 UG/L	ENV. LAB.
0	MANGANESE	LT	15 UG/L	M. A.
0	MANGANESE		3 UG/L	ENV. ENG.
1	SODIUM		5100 UG/L	ENV. LAB.
1	SODIUM		5350 UG/L	M. A.
1	SODIUM		5120 UG/L	ENV. ENG.
0	NICKEL	LT	50 UG/L	ENV. LAB.
0	NICKEL	LT	40 UG/L	M. A.
0	NICKEL	LT	4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		300 UG/L	ENV. LAB.
0	NITRATE AS NITROGEN		240 UG/L	M. A.
0	NITRATE AS NITROGEN		350 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		350 UG/L	ENV. ENG.
0	LEAD	LT	10 UG/L	ENV. LAB.
0	LEAD	LT	5 UG/L	M. A.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. LAB.
0	PHENOL	LT	5 UG/L	M. A.
0	ANTIMONY	LT	5 UG/L	ENV. ENG.
0	ANTIMONY	LT	200 UG/L	ENV. LAB.
0	ANTIMONY	LT	60 UG/L	M. A.
0	SELENIUM	LT	30 UG/L	ENV. ENG.
0	SELENIUM	LT	10 UG/L	ENV. LAB.
0	SELENIUM	LT	5 UG/L	M. A.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		12000 UG/L	ENV. LAB.
1	SILICA		3720 UG/L	M. A.
1	SILICA		6360 UG/L	ENV. ENG.
0	TIN	LT	100 UG/L	M. A.
0	SULFATE	LT	5000 UG/L	ENV. LAB.
0	SULFATE	LT	5000 UG/L	M. A.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		130000 UG/L	ENV. LAB.
0	TOTAL DISSOLVED SOLIDS		109000 UG/L	M. A.
0	TOTAL DISSOLVED SOLIDS		182000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	5000 UG/L	ENV. LAB.
0	TOTAL ORGANIC CARBON	LT	500 UG/L	M. A.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	10 UG/L	ENV. LAB.
0	TOTAL ORGANIC HALOGENS	LT	10 UG/L	M. A.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		50 UG/L	ENV. LAB.
0	TOTAL PHOSPHATES		53 UG/L	M. A.
0	TOTAL PHOSPHATES		120 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		110 UG/L	ENV. LAB.
0	URANIUM	LT	1000 UG/L	M. A.
0	ZINC		60 UG/L	ENV. LAB.
0	ZINC	LT	20 UG/L	M. A.
0	ZINC		13 UG/L	ENV. ENG.
0	GROSS ALPHA	LT	0.55 PCI/L	ENV. LAB.
0	GROSS ALPHA		0.00+-5.00 PCI/L	M. A.
0	GROSS ALPHA	LT	3 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	LT	1 PCI/L	ENV. LAB.
0	NONVOLATILE BETA		3.00+-2.00 PCI/L	M. A.
0	NONVOLATILE BETA	LT	2 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT	0.49 PCI/L	ENV. LAB.
0	TOTAL RADIUM		0.00+-0.50 PCI/L	M. A.
0	TOTAL RADIUM	LT	1 PCI/L	RAD. MEAS.
0	TRITIUM	LT	0.63 PCI/ML	ENV. LAB.
0	TRITIUM		0.00+-1.00 PCI/ML	M. A.
0	TRITIUM	LT	0.70 PCI/ML	RAD. MEAS.

## WELL HSB130C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/13/88 TIME 1220  
 DEPTH TO WATER = 19.42 FT ( 5.92 M) BELOW THE TOC  
 WATER ELEVATION = 198.88 FT ( 60.62 M) MSL  
 PH = 7.4 ALKALINITY = 76 MG/L  
 SPECIFIC CONDUCTANCE = 169 UMHOS/CM  
 WATER TEMPERATURE = 17.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 116 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		173.0 UMHOS	ENV. ENG.
2	PH		8.02 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		21 UG/L	ENV. ENG.
1	CALCIUM		24300 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		2500 UG/L	ENV. ENG.
0	COBALT	LT	4 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER		11 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	IRON	LT	20 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	POTASSIUM		730 UG/L	ENV. ENG.
0	MAGNESIUM		608 UG/L	ENV. ENG.
0	MANGANESE		3 UG/L	ENV. ENG.
1	SODIUM		5070 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		360 UG/L	ENV. ENG.
0	LEAD	LT	8 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	ANTIMONY	LT	30 UG/L	ENV. ENG.

CONTINUED

## WELL HSB130C COLLECTED ON 11/13/88 LABORATORY ANALYSES CONTINUED

0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		6410 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		156000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		100 UG/L	ENV. ENG.
0	ZINC		6 UG/L	ENV. ENG.
0	GROSS ALPHA	LT	3 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	LT	2 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT	1 PCI/L	RAD. MEAS.
0	TRITIUM	LT	0.70 PCI/ML	RAD. MEAS.

WELL HSB130D

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/19/88 TIME 1445  
 DEPTH TO WATER = 19.49 FT ( 5.94 M) BELOW THE TOC  
 WATER ELEVATION = 199.11 FT ( 60.69 M) MSL  
 PH = 6.3 ALKALINITY = 31 MG/L  
 SPECIFIC CONDUCTANCE = 73 UMHOS/CM  
 WATER TEMPERATURE = 19.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 59 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		104.0 UMHC	ENV. ENG.
1	PH		6.68 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		8 UG/L	ENV. ENG.
1	CALCIUM		13300 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		2300 UG/L	ENV. ENG.
0	COBALT	LT	4 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER		8 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	IRON		35 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	POTASSIUM		669 UG/L	ENV. ENG.
0	MAGNESIUM		500 UG/L	ENV. ENG.
0	MANGANESE		3 UG/L	ENV. ENG.
0	SODIUM		1790 UG/L	ENV. ENG.
0	NICKEL		7 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		590 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	ANTIMONY	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		8000 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		160000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		180 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		180 UG/L	ENV. ENG.
0	ZINC		2 UG/L	ENV. ENG.
0	GROSS ALPHA	LT	3 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		1.35+-0.81 PCI/L	RAD. MEAS.
0	TOTAL RADIUM		0.65+-0.37 PCI/L	RAD. MEAS.
0	TRITIUM		6.63+-0.51 PCI/ML	RAD. MEAS.

WELL HSB131C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/19/88 TIME 1300  
 DEPTH TO WATER = 9.10 FT ( 2.77 M) BELOW THE TOC  
 WATER ELEVATION = 202.60 FT ( 61.75 M) MSL  
 PH = 6.7 ALKALINITY = 76 MG/L  
 SPECIFIC CONDUCTANCE = 225 UMHOS/CM  
 WATER TEMPERATURE = 18.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 156 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		231.0 UMHC	ENV. ENG.
1	PH		7.91 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
1	ARSENIC		2 UG/L	ENV. ENG.
0	BARIUM		23 UG/L	ENV. ENG.
1	CALCIUM		36400 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		2900 UG/L	ENV. ENG.
0	COBALT	LT	4 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER		12 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	IRON		28 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	POTASSIUM		1090 UG/L	ENV. ENG.
0	MAGNESIUM		629 UG/L	ENV. ENG.
0	MANGANESE	LT	2 UG/L	ENV. ENG.
0	SODIUM		3360 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
1	NITRATE AS NITROGEN		3230 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.

CONTINUED

## WELL HSB131C COLLECTED ON 10/19/88 LABORATORY ANALYSES CONTINUED

0	PHENOL	LT	5 UG/L	ENV. ENG.
0	ANTIMONY	LT	30 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		14200 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		154000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		20 UG/L	ENV. ENG.
0	ZINC		12 UG/L	ENV. ENG.
0	GROSS ALPHA		0.00+-0.39 PCI/L	HP, 735A
0	GROSS ALPHA		1.35+-1.21 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		2.90+-1.30 PCI/L	HP, 735A
0	NONVOLATILE BETA		3.41+-1.34 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT	1 PCI/L	RAD. MEAS.
2	TRITIUM		191+-1.93 PCI/ML	HP, 735A
2	TRITIUM		191+-2.40 PCI/ML	RAD. MEAS.

WELL HSB131D

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/19/88 TIME 1240  
 DEPTH TO WATER = 8.43 FT ( 2.57 M) BELOW THE TOC  
 WATER ELEVATION = 203.67 FT ( 62.08 M) MSL  
 PH = 4.3 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 29 UMHOS/CM  
 WATER TEMPERATURE = 21.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 36 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		71.00 UMHC	ENV. ENG.
0	PH		5.15 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		13 UG/L	ENV. ENG.
0	CALCIUM		1580 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		1600 UG/L	ENV. ENG.
0	COBALT	LT	4 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER		5 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	IRON	LT	20 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	POTASSIUM		583 UG/L	ENV. ENG.
0	MAGNESIUM		678 UG/L	ENV. ENG.
0	MANGANESE		16 UG/L	ENV. ENG.
0	SODIUM		1450 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		440 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	ANTIMONY	LT	3 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		6400 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		58000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	ZINC		9 UG/L	ENV. ENG.
0	GROSS ALPHA		0.92+-0.69 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		2.43+-0.86 PCI/L	RAD. MEAS.
0	TOTAL RADIUM		0.37+-0.29 PCI/L	RAD. MEAS.
0	TRITIUM		7.04+-0.32 PCI/ML	RAD. MEAS.

WELL HSB132C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/12/88 TIME 1155  
 DEPTH TO WATER = 18.45 FT ( 5.62 M) BELOW THE TOC  
 WATER ELEVATION = 222.05 FT ( 67.68 M) MSL  
 PH = 5.0 ALKALINITY = 7 MG/L  
 SPECIFIC CONDUCTANCE = 74 UMHOS/CM  
 WATER TEMPERATURE = 19.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 154 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		81.40 UMHC	ENV. ENG.
0	PH		5.87 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		8 UG/L	ENV. ENG.
0	CALCIUM		1210 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		3200 UG/L	ENV. ENG.
0	COBALT	LT	4 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER	LT	4 UG/L	ENV. ENG.
0	FLUORIDE		100 UG/L	ENV. ENG.
0	IRON	LT	20 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	POTASSIUM		1310 UG/L	ENV. ENG.
0	MAGNESIUM		246 UG/L	ENV. ENG.
1	MANGANESE		28 UG/L	ENV. ENG.
1	SODIUM		8870 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		280 UG/L	ENV. ENG.

CONTINUED

## WELL HSB132C COLLECTED ON 10/12/88 LABORATORY ANALYSES CONTINUED

0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	ANTIMONY	LT	3 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		9000 UG/L	ENV. ENG.
1	SULFATE		18000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		110000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON		1700 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS		5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		120 UG/L	ENV. ENG.
0	ZINC		14 UG/L	ENV. ENG.
0	GROSS ALPHA	LT	3 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		1.26+-0.88 PCI/L	RAD. MEAS.
0	TOTAL RADIUM		0.74+-0.51 PCI/L	RAD. MEAS.
0	TRITIUM	LT	0.70 PCI/ML	RAD. MEAS.

## WELL HSB132D

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/12/88 TIME 1040  
 DEPTH TO WATER = 18.93 FT ( 5.77 M) BELOW THE TOC  
 WATER ELEVATION = 221.77 FT ( 67.60 M) MSL  
 PH = 5.2 ALKALINITY = 7 MG/L  
 SPECIFIC CONDUCTANCE = 33 UMHOS/CM  
 WATER TEMPERATURE = 19.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 55 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		35.60 UMHOS	ENV. ENG.
0	PH		5.87 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		7 UG/L	ENV. ENG.
0	BARIUM		7 UG/L	ENV. ENG.
0	CALCIUM		1440 UG/L	ENV. ENG.
0	CALCIUM		1290 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		2600 UG/L	ENV. ENG.
0	COBALT	LT	4 UG/L	ENV. ENG.
0	COBALT	LT	4 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER	LT	4 UG/L	ENV. ENG.
0	COPPER	LT	4 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	IRON	LT	20 UG/L	ENV. ENG.
0	IRON	LT	20 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	POTASSIUM	LT	500 UG/L	ENV. ENG.
0	POTASSIUM	LT	500 UG/L	ENV. ENG.
0	MAGNESIUM		346 UG/L	ENV. ENG.
0	MAGNESIUM		335 UG/L	ENV. ENG.
0	MANGANESE		22 UG/L	ENV. ENG.
0	MANGANESE		21 UG/L	ENV. ENG.
0	SODIUM		3030 UG/L	ENV. ENG.
0	SODIUM		2980 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		660 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
1	ANTIMONY		3 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		5900 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		114000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON		2000 UG/L	ENV. ENG.
2	TOTAL ORGANIC HALOGENS		316 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	ZINC		11 UG/L	ENV. ENG.
0	ZINC		9 UG/L	ENV. ENG.
0	GROSS ALPHA	LT	3 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	LT	2 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT	1 PCI/L	RAD. MEAS.
1	TRITIUM		10.80+-0.36 PCI/ML	RAD. MEAS.

## WELL HSB133C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/12/88 TIME 1430  
 DEPTH TO WATER = 26.24 FT ( 8.00 M) BELOW THE TOC  
 WATER ELEVATION = 229.36 FT ( 69.91 M) MSL  
 PH = 11.0 ALKALINITY = 130 MG/L  
 SPECIFIC CONDUCTANCE = 545 UMHOS/CM  
 WATER TEMPERATURE = 18.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 27 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		55.90 UMHOS	ENV. ENG.
2	PH		11.4 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		50 UG/L	ENV. ENG.
1	CALCIUM		24200 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		2300 UG/L	ENV. ENG.
0	COBALT	LT	4 UG/L	ENV. ENG.

CONTINUED

## WELL HSB133C COLLECTED ON 10/12/88 LABORATORY ANALYSES CONTINUED

1	CHROMIUM		22 UG/L	ENV. ENG.
0	COPPER		9 UG/L	ENV. ENG.
0	FLUORIDE		180 UG/L	ENV. ENG.
0	IRON	LT	20 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
1	POTASSIUM		30800 UG/L	ENV. ENG.
0	MAGNESIUM		87 UG/L	ENV. ENG.
0	MANGANESE	LT	2 UG/L	ENV. ENG.
1	SODIUM		22100 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	LT	100 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
1	PHENOL		100 UG/L	ENV. ENG.
1	ANTIMONY		3 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		11000 UG/L	ENV. ENG.
0	SULFATE		7600 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		216000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON		1100 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		70 UG/L	ENV. ENG.
0	ZINC		26 UG/L	ENV. ENG.
0	GROSS ALPHA		3.32+-2.13 PCI/L	RAD. MEAS.
0	GROSS ALPHA		4.62+-2.47 PCI/L	RAD. MEAS.
1	NONVOLATILE BETA		27.80+-3.29 PCI/L	RAD. MEAS.
1	NONVOLATILE BETA		26.80+-3.32 PCI/L	RAD. MEAS.
0	TOTAL RADIUM		1.06+-0.55 PCI/L	RAD. MEAS.
0	TOTAL RADIUM		0.75+-0.49 PCI/L	RAD. MEAS.
0	TRITIUM		2.36+-0.24 PCI/ML	RAD. MEAS.
0	TRITIUM		2.53+-0.25 PCI/ML	RAD. MEAS.

## WELL HSB133D

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/12/88 TIME 920  
 DEPTH TO WATER = 21.19 FT ( 6.46 M) BELOW THE TOC  
 WATER ELEVATION = 234.11 FT ( 71.36 M) MSL  
 PH = 5.4 ALKALINITY = 17 MG/L  
 SPECIFIC CONDUCTANCE = 74 UMHOS/CM  
 WATER TEMPERATURE = 17.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 82 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		90.40 UMHOS	ENV. ENG.
0	PH		5.87 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		6 UG/L	ENV. ENG.
0	CALCIUM		4870 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		5300 UG/L	ENV. ENG.
0	COBALT	LT	4 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER	LT	4 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	IRON		20 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	POTASSIUM	LT	500 UG/L	ENV. ENG.
0	MAGNESIUM		157 UG/L	ENV. ENG.
0	MANGANESE		5 UG/L	ENV. ENG.
1	SODIUM		8760 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		600 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	ANTIMONY	LT	3 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		3730 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		94000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS		7 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	ZINC		11 UG/L	ENV. ENG.
0	GROSS ALPHA		0.53+-0.56 PCI/L	HP, 735A
0	GROSS ALPHA		1.50+-0.89 PCI/L	RAD. MEAS.
1	NONVOLATILE BETA		17.20+-2.74 PCI/L	HP, 735A
0	NONVOLATILE BETA		1.96+-0.91 PCI/L	RAD. MEAS.
0	TOTAL RADIUM		1.18+-0.51 PCI/L	RAD. MEAS.
2	TRITIUM		99.60+-1.41 PCI/ML	HP, 735A
2	TRITIUM		94.20+-0.88 PCI/ML	RAD. MEAS.

## WELL HSB134C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/11/88 TIME 1625  
 DEPTH TO WATER = 18.07 FT ( 5.51 M) BELOW THE TOC  
 WATER ELEVATION = 220.33 FT ( 67.16 M) MSL  
 PH = 4.9 ALKALINITY = 9 MG/L  
 SPECIFIC CONDUCTANCE = 45 UMHOS/CM  
 WATER TEMPERATURE = 18.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 205 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		56.10 UMHOS	ENV. ENG.
0	PH		6.06 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.

CONTINUED



WELL HSB134C COLLECTED ON 10/11/88 LABORATORY ANALYSES CONTINUED

0	BARIUM		7 UG/L	ENV. ENG.
0	CALCIUM		2460 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		3100 UG/L	ENV. ENG.
0	CHLORIDE		3300 UG/L	ENV. ENG.
0	COBALT	LT	4 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER	LT	4 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	IRON	LT	20 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	POTASSIUM		891 UG/L	ENV. ENG.
0	MAGNESIUM		913 UG/L	ENV. ENG.
1	MANGANESE		26 UG/L	ENV. ENG.
0	SODIUM		2030 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	LT	1460 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
1	PHENOL		6 UG/L	ENV. ENG.
0	ANTIMONY	LT	3 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		12600 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		96000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		40 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		30 UG/L	ENV. ENG.
0	ZINC		6 UG/L	ENV. ENG.
0	GROSS ALPHA		0.81+-0.64 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		3.14+-0.99 PCI/L	RAD. MEAS.
0	TOTAL RADIUM		0.71+-0.49 PCI/L	RAD. MEAS.
2	TRITIUM		45.40+-0.63 PCI/ML	RAD. MEAS.

WELL HSB134D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/12/88 TIME 1645  
 DEPTH TO WATER = 15.82 FT ( 4.82 M) BELOW THE TOC  
 WATER ELEVATION = 222.28 FT ( 67.75 M) MSL  
 PH = 4.2 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 315 UMHS/CM  
 WATER TEMPERATURE = 19.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 52 GAL

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		301.0 UMHC	ENV. ENG.
0	PH		4.49 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		35 UG/L	ENV. ENG.
0	CALCIUM		821 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		3900 UG/L	ENV. ENG.
0	COBALT	LT	4 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER	LT	4 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	IRON		35 UG/L	ENV. ENG.
0	MERCURY		0.36 UG/L	ENV. ENG.
1	MERCURY		0.52 UG/L	ENV. ENG.
0	POTASSIUM		650 UG/L	ENV. ENG.
0	MAGNESIUM		1340 UG/L	ENV. ENG.
2	MANGANESE		80 UG/L	ENV. ENG.
1	SODIUM		46000 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN		34500 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	ANTIMONY	LT	3 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		6660 UG/L	ENV. ENG.
0	SULFATE		5900 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		176000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
1	TOTAL ORGANIC HALOGENS		19 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	ZINC		21 UG/L	ENV. ENG.
0	GROSS ALPHA		3.63+-1.51 PCI/L	HP, 735A
1	GROSS ALPHA		5.74+-1.33 PCI/L	RAD. MEAS.
2	NONVOLATILE BETA		267+-8.44 PCI/L	HP, 735A
2	NONVOLATILE BETA		171+-3.76 PCI/L	RAD. MEAS.
0	TOTAL RADIUM		0.92+-0.45 PCI/L	RAD. MEAS.
2	TRITIUM		9010+-40.8 PCI/ML	HP, 735A
2	TRITIUM		7785+-52.7 PCI/ML	RAD. MEAS.

WELL HSB135C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/18/88 TIME 1500  
 DEPTH TO WATER = 26.23 FT ( 8.00 M) BELOW THE TOC  
 WATER ELEVATION = 205.77 FT ( 62.72 M) MSL  
 PH = 7.6 ALKALINITY = 87 MG/L  
 SPECIFIC CONDUCTANCE = 186 UMHS/CM  
 WATER TEMPERATURE = 19.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 167 GAL

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		204.0 UMHC	ENV. ENG.
2	PH		8.25 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		17 UG/L	ENV. ENG.
1	CALCIUM		35100 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		2900 UG/L	ENV. ENG.
0	COBALT	LT	4 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER		14 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	IRON		56 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	POTASSIUM	LT	500 UG/L	ENV. ENG.
0	MAGNESIUM		433 UG/L	ENV. ENG.
0	MANGANESE	LT	2 UG/L	ENV. ENG.
0	SODIUM		3000 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		1110 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	ANTIMONY	LT	30 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		21100 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		146000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
1	TOTAL PHOSPHATES		1280 UG/L	ENV. ENG.
0	ZINC		10 UG/L	ENV. ENG.
0	GROSS ALPHA		0.85+-0.67 PCI/L	HP, 735A
0	GROSS ALPHA		1.15+-1.02 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		8.21+-2.14 PCI/L	HP, 735A
0	NONVOLATILE BETA		3.79+-1.06 PCI/L	RAD. MEAS.
0	TOTAL RADIUM		1.22+-0.54 PCI/L	RAD. MEAS.
2	TRITIUM		66.00+-1.20 PCI/ML	HP, 735A
2	TRITIUM		55.60+-1.20 PCI/ML	RAD. MEAS.

WELL HSB135D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/18/88 TIME 1445  
 DEPTH TO WATER = 13.29 FT ( 4.05 M) BELOW THE TOC  
 WATER ELEVATION = 219.01 FT ( 66.76 M) MSL  
 PH = 4.3 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 123 UMHS/CM  
 WATER TEMPERATURE = 20.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 85 GAL

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		116.0 UMHC	ENV. ENG.
0	PH		5.31 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM	LT	4 UG/L	ENV. ENG.
0	CALCIUM		224 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		2700 UG/L	ENV. ENG.
0	CHLORIDE		2700 UG/L	ENV. ENG.
0	COBALT	LT	4 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER	LT	4 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	IRON	LT	20 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	POTASSIUM	LT	500 UG/L	ENV. ENG.
0	MAGNESIUM		200 UG/L	ENV. ENG.
0	MANGANESE		4 UG/L	ENV. ENG.
1	SODIUM		17500 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN		10000 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	ANTIMONY	LT	30 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		3230 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		108000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		100000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	ZINC		20 UG/L	ENV. ENG.
0	GROSS ALPHA		0.00+-0.30 PCI/L	HP, 735A
0	GROSS ALPHA		2.75+-1.25 PCI/L	RAD. MEAS.
1	NONVOLATILE BETA		12.90+-2.45 PCI/L	HP, 735A
2	NONVOLATILE BETA		55.20+-11.1 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT	1 PCI/L	RAD. MEAS.
2	TRITIUM		3080+-24.8 PCI/ML	HP, 735A
2	TRITIUM		2821+- 60 PCI/ML	RAD. MEAS.

## WELL HSB136C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/18/88 TIME 1215  
 DEPTH TO WATER = 9.92 FT ( 3.02 M) BELOW THE TOC  
 WATER ELEVATION = 217.98 FT ( 66.44 M) MSL  
 PH = 6.5 ALKALINITY = 19 MG/L  
 SPECIFIC CONDUCTANCE = 510 UMHOS/CM  
 WATER TEMPERATURE = 20.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 164 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	504.0 UMHC	ENV. ENG.
0	PH	6.75 PH	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
0	BARIUM	100 UG/L	ENV. ENG.
1	CALCIUM	17700 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHLORIDE	4600 UG/L	ENV. ENG.
1	COBALT	5 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	COPPER	9 UG/L	ENV. ENG.
0	FLUORIDE	160 UG/L	ENV. ENG.
0	IRON	27 UG/L	ENV. ENG.
0	MERCURY	LT 0.20 UG/L	ENV. ENG.
0	POTASSIUM	4890 UG/L	ENV. ENG.
0	MAGNESIUM	4760 UG/L	ENV. ENG.
2	MANGANESE	81 UG/L	ENV. ENG.
1	SODIUM	66200 UG/L	ENV. ENG.
0	NICKEL	5 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN	51400 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	ANTHONY	LT 30 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
1	SILICA	4640 UG/L	ENV. ENG.
0	SULFATE	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	426000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
1	TOTAL ORGANIC HALOGENS	20 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT 20 UG/L	ENV. ENG.
0	ZINC	43 UG/L	ENV. ENG.
0	GROSS ALPHA	4.21+-1.61 PCI/L	HP, 735A
0	GROSS ALPHA	3 PCI/L	RAD. MEAS.
2	NONVOLATILE BETA	80.40+-4.76 PCI/L	HP, 735A
2	NONVOLATILE BETA	115+-8.36 PCI/L	RAD. MEAS.
2	TOTAL RADIUM	1.84+-0.61 PCI/L	RAD. MEAS.
2	TRITIUM	12100+-48.7 PCI/ML	HP, 735A
2	TRITIUM	10241+- 108 PCI/ML	RAD. MEAS.

## WELL HSB136D

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/18/88 TIME 1050  
 DEPTH TO WATER = 5.88 FT ( 1.79 M) BELOW THE TOC  
 WATER ELEVATION = 222.12 FT ( 67.70 M) MSL  
 PH = 3.6 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 410 UMHOS/CM  
 WATER TEMPERATURE = 20.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 73 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	400.0 UMHC	ENV. ENG.
0	PH	4.10 PH	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
1	BARIUM	102 UG/L	ENV. ENG.
0	CALCIUM	3440 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHLORIDE	2200 UG/L	ENV. ENG.
1	COBALT	11 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	COPPER	9 UG/L	ENV. ENG.
1	FLUORIDE	600 UG/L	ENV. ENG.
0	IRON	35 UG/L	ENV. ENG.
0	MERCURY	LT 0.20 UG/L	ENV. ENG.
0	POTASSIUM	2040 UG/L	ENV. ENG.
0	MAGNESIUM	1340 UG/L	ENV. ENG.
2	MANGANESE	465 UG/L	ENV. ENG.
1	SODIUM	37900 UG/L	ENV. ENG.
0	NICKEL	17 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN	38300 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	ANTHONY	LT 30 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
1	SILICA	7540 UG/L	ENV. ENG.
0	SULFATE	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	304000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT 5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT 20 UG/L	ENV. ENG.
0	ZINC	63 UG/L	ENV. ENG.
2	GROSS ALPHA	73.80+-6.56 PCI/L	HP, 735A
2	GROSS ALPHA	78.10+- 10 PCI/L	RAD. MEAS.
2	NONVOLATILE BETA	4070+-32.9 PCI/L	HP, 735A
2	NONVOLATILE BETA	509+-8.20 PCI/L	RAD. MEAS.
2	TOTAL RADIUM	35.00+-2.19 PCI/L	RAD. MEAS.
2	TRITIUM	21800+-65.2 PCI/ML	HP, 735A
2	TRITIUM	19265+- 161 PCI/ML	RAD. MEAS.

## WELL HSB137C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/16/88 TIME 1705  
 DEPTH TO WATER = 14.94 FT ( 4.55 M) BELOW THE TOC  
 WATER ELEVATION = 221.06 FT ( 67.38 M) MSL  
 PH = 5.8 ALKALINITY = 7 MG/L  
 SPECIFIC CONDUCTANCE = 500 UMHOS/CM  
 WATER TEMPERATURE = 20.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 164 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	512.0 UMHC	ENV. ENG.
0	PH	5.75 PH	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
1	BARIUM	57 UG/L	ENV. ENG.
1	CALCIUM	24000 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHLORIDE	4800 UG/L	ENV. ENG.
0	COBALT	LT 4 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	COPPER	12 UG/L	ENV. ENG.
0	FLUORIDE	LT 100 UG/L	ENV. ENG.
0	IRON	LT 20 UG/L	ENV. ENG.
0	MERCURY	LT 0.20 UG/L	ENV. ENG.
0	POTASSIUM	2030 UG/L	ENV. ENG.
1	MAGNESIUM	5310 UG/L	ENV. ENG.
2	MANGANESE	160 UG/L	ENV. ENG.
1	SODIUM	53200 UG/L	ENV. ENG.
0	NICKEL	9 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN	55000 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	ANTHONY	LT 3 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
1	SILICA	9940 UG/L	ENV. ENG.
0	SULFATE	10700 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	350000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT 5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	80 UG/L	ENV. ENG.
0	ZINC	41 UG/L	ENV. ENG.
0	GROSS ALPHA	0.21+-0.43 PCI/L	HP, 735A
1	GROSS ALPHA	5.63+-1.91 PCI/L	RAD. MEAS.
0	GROSS ALPHA	2.96+-1.58 PCI/L	RAD. MEAS.
2	NONVOLATILE BETA	104+-5.98 PCI/L	HP, 735A
2	NONVOLATILE BETA	136+-4.47 PCI/L	RAD. MEAS.
2	NONVOLATILE BETA	125+-4.26 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	0.96+-0.46 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT 1 PCI/L	RAD. MEAS.
2	TRITIUM	9020+-12.8 PCI/ML	HP, 735A
2	TRITIUM	8175+-54.5 PCI/ML	RAD. MEAS.
2	TRITIUM	9140+-57.6 PCI/ML	RAD. MEAS.

## WELL HSB137D

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/16/88 TIME 1440  
 DEPTH TO WATER = 12.84 FT ( 3.91 M) BELOW THE TOC  
 WATER ELEVATION = 223.76 FT ( 68.20 M) MSL  
 PH = 4.7 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 220 UMHOS/CM  
 WATER TEMPERATURE = 19.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 63 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	219.0 UMHC	ENV. ENG.
0	PH	5.21 PH	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
0	BARIUM	50 UG/L	ENV. ENG.
0	CALCIUM	6870 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHLORIDE	2200 UG/L	ENV. ENG.
1	COBALT	5 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	COPPER	13 UG/L	ENV. ENG.
0	FLUORIDE	LT 100 UG/L	ENV. ENG.
0	IRON	48 UG/L	ENV. ENG.
0	MERCURY	LT 0.20 UG/L	ENV. ENG.
0	POTASSIUM	1420 UG/L	ENV. ENG.
0	MAGNESIUM	3890 UG/L	ENV. ENG.
2	MANGANESE	330 UG/L	ENV. ENG.
1	SODIUM	30400 UG/L	ENV. ENG.
0	NICKEL	28 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN	24800 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	ANTHONY	LT 3 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
1	SILICA	10100 UG/L	ENV. ENG.
0	SULFATE	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	150000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1300 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT 5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT 20 UG/L	ENV. ENG.
0	ZINC	130 UG/L	ENV. ENG.
1	GROSS ALPHA	11.20+-2.58 PCI/L	HP, 735A
2	GROSS ALPHA	19.40+-2.18 PCI/L	RAD. MEAS.

CONTINUED

WELL HSB1370 COLLECTED ON 10/16/88 LABORATORY ANALYSES CONTINUED

2 NONVOLATILE BETA 715+-13.8 PCI/L HP, 735A  
 2 NONVOLATILE BETA 1096+-9.32 PCI/L RAD. MEAS.  
 1 TOTAL RADIUM 3.91+-0.79 PCI/L RAD. MEAS.  
 2 TRITIUM 11700+-44.5 PCI/ML HP, 735A  
 2 TRITIUM 7284+-51.5 PCI/ML RAD. MEAS.

WELL HSB1380

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/16/88 TIME 1205  
 DEPTH TO WATER = 30.68 FT ( 9.35 M) BELOW THE TOC  
 WATER ELEVATION = 221.72 FT ( 67.56 M) MSL  
 PH = 4.8 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 300 UMHS/CM  
 WATER TEMPERATURE = 19.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 51 GAL

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE 305.0 UMHC ENV. ENG.  
 0 PH 4.89 PH ENV. ENG.  
 0 SILVER LT 2 UG/L ENV. ENG.  
 0 ARSENIC LT 2 UG/L ENV. ENG.  
 0 BARIUM 30 UG/L ENV. ENG.  
 0 CALCIUM 2070 UG/L ENV. ENG.  
 0 CALCIUM 2530 UG/L ENV. ENG.  
 0 CADMIUM LT 2 UG/L ENV. ENG.  
 0 CADMIUM LT 2 UG/L ENV. ENG.  
 0 CHLORIDE 5400 UG/L ENV. ENG.  
 0 CHLORIDE 5200 UG/L ENV. ENG.  
 0 COBALT LT 4 UG/L ENV. ENG.  
 0 COBALT LT 4 UG/L ENV. ENG.  
 0 CHROMIUM LT 4 UG/L ENV. ENG.  
 0 CHROMIUM LT 4 UG/L ENV. ENG.  
 0 COPPER LT 4 UG/L ENV. ENG.  
 0 COPPER LT 6 UG/L ENV. ENG.  
 0 FLUORIDE LT 100 UG/L ENV. ENG.  
 0 IRON 85 UG/L ENV. ENG.  
 0 MERCURY LT 0.20 UG/L ENV. ENG.  
 0 POTASSIUM LT 500 UG/L ENV. ENG.  
 0 POTASSIUM 556 UG/L ENV. ENG.  
 0 MAGNESIUM 1660 UG/L ENV. ENG.  
 1 MANGANESE 50 UG/L ENV. ENG.  
 1 SODIUM 45300 UG/L ENV. ENG.  
 0 NICKEL 40500 UG/L ENV. ENG.  
 1 NICKEL 8 UG/L ENV. ENG.  
 2 NITRATE AS NITROGEN 31200 UG/L ENV. ENG.  
 0 LEAD LT 6 UG/L ENV. ENG.  
 0 LEAD LT 6 UG/L ENV. ENG.  
 0 PHENOL LT 5 UG/L ENV. ENG.  
 0 ANTIMONY LT 3 UG/L ENV. ENG.  
 0 ANTIMONY LT 3 UG/L ENV. ENG.  
 0 SELENIUM LT 3 UG/L ENV. ENG.  
 1 SILICA LT 2 UG/L ENV. ENG.  
 0 SULFATE 6670 UG/L ENV. ENG.  
 0 SULFATE LT 5000 UG/L ENV. ENG.  
 0 SULFATE LT 5000 UG/L ENV. ENG.  
 0 TOTAL DISSOLVED SOLIDS 182000 UG/L ENV. ENG.  
 0 TOTAL ORGANIC CARBON LT 1000 UG/L ENV. ENG.  
 0 TOTAL ORGANIC HALOGENS LT 5 UG/L ENV. ENG.  
 0 TOTAL PHOSPHATES LT 20 UG/L ENV. ENG.  
 0 ZINC 20 UG/L ENV. ENG.  
 0 GROSS ALPHA 0.64+-0.60 PCI/L HP, 735A  
 2 GROSS ALPHA 15.20+-2.00 PCI/L RAD. MEAS.  
 2 NONVOLATILE BETA 59.60+-4.61 PCI/L HP, 735A  
 2 NONVOLATILE BETA 76.50+-2.60 PCI/L RAD. MEAS.  
 1 TOTAL RADIUM 4.63+-0.83 PCI/L RAD. MEAS.  
 2 TRITIUM 8070+-12.1 PCI/ML HP, 735A  
 2 TRITIUM 7581+-52.6 PCI/ML RAD. MEAS.

WELL HSB139A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/18/88 TIME 1605  
 DEPTH TO WATER = 62.52 FT ( 19.06 M) BELOW THE TOC  
 WATER ELEVATION = 171.18 FT ( 52.18 M) MSL  
 PH = 8.6 ALKALINITY = 84 MG/L  
 SPECIFIC CONDUCTANCE = 210 UMHS/CM  
 WATER TEMPERATURE = 18.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 232 GAL

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE 215.0 UMHC ENV. ENG.  
 2 PH 8.67 PH ENV. ENG.  
 0 SILVER LT 2 UG/L ENV. ENG.  
 0 ARSENIC LT 2 UG/L ENV. ENG.  
 0 BARIUM 33 UG/L ENV. ENG.  
 1 CALCIUM 33400 UG/L ENV. ENG.  
 0 CADMIUM LT 2 UG/L ENV. ENG.  
 0 CHLORIDE 2900 UG/L ENV. ENG.  
 0 COBALT LT 4 UG/L ENV. ENG.  
 0 CHROMIUM LT 4 UG/L ENV. ENG.  
 0 COPPER 9 UG/L ENV. ENG.  
 0 FLUORIDE LT 100 UG/L ENV. ENG.  
 0 IRON LT 20 UG/L ENV. ENG.  
 0 MERCURY LT 0.20 UG/L ENV. ENG.  
 0 POTASSIUM 4800 UG/L ENV. ENG.  
 0 MAGNESIUM 646 UG/L ENV. ENG.  
 0 MANGANESE 4 UG/L ENV. ENG.  
 1 SODIUM 5670 UG/L ENV. ENG.

CONTINUED

WELL HSB139A COLLECTED ON 10/18/88 LABORATORY ANALYSES CONTINUED

0 NICKEL LT 4 UG/L ENV. ENG.  
 0 NITRATE AS NITROGEN 90 UG/L ENV. ENG.  
 0 NITRATE AS NITROGEN 80 UG/L ENV. ENG.  
 0 LEAD LT 6 UG/L ENV. ENG.  
 0 PHENOL LT 5 UG/L ENV. ENG.  
 0 ANTIMONY LT 3 UG/L ENV. ENG.  
 0 SELENIUM LT 2 UG/L ENV. ENG.  
 1 SILICA 40500 UG/L ENV. ENG.  
 0 SULFATE 6400 UG/L ENV. ENG.  
 0 TOTAL DISSOLVED SOLIDS 170000 UG/L ENV. ENG.  
 0 TOTAL DISSOLVED SOLIDS 158000 UG/L ENV. ENG.  
 0 TOTAL ORGANIC CARBON LT 1000 UG/L ENV. ENG.  
 1 TOTAL ORGANIC HALOGENS 11 UG/L ENV. ENG.  
 0 TOTAL PHOSPHATES 90 UG/L ENV. ENG.  
 0 ZINC 4 UG/L ENV. ENG.  
 0 GROSS ALPHA 3.10+-1.62 PCI/L RAD. MEAS.  
 0 NONVOLATILE BETA 8.65+-1.55 PCI/L RAD. MEAS.  
 0 TOTAL RADIUM 0.59+-0.34 PCI/L RAD. MEAS.  
 0 TRITIUM 1.24+-0.23 PCI/ML RAD. MEAS.

WELL HSB139C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/19/88 TIME 1115  
 DEPTH TO WATER = 19.79 FT ( 6.03 M) BELOW THE TOC  
 WATER ELEVATION = 214.01 FT ( 65.23 M) MSL  
 PH = 5.8 ALKALINITY = 20 MG/L  
 SPECIFIC CONDUCTANCE = 410 UMHS/CM  
 WATER TEMPERATURE = 18.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 31 GAL  
 THE WELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE 416.0 UMHC ENV. ENG.  
 0 PH 6.39 PH ENV. ENG.  
 0 SILVER LT 2 UG/L ENV. ENG.  
 0 ARSENIC LT 2 UG/L ENV. ENG.  
 1 BARIUM 57 UG/L ENV. ENG.  
 1 CALCIUM 19100 UG/L ENV. ENG.  
 0 CADMIUM LT 2 UG/L ENV. ENG.  
 0 CHLORIDE 5600 UG/L ENV. ENG.  
 1 COBALT 5 UG/L ENV. ENG.  
 0 CHROMIUM LT 4 UG/L ENV. ENG.  
 0 COPPER 10 UG/L ENV. ENG.  
 0 FLUORIDE 130 UG/L ENV. ENG.  
 0 IRON 84 UG/L ENV. ENG.  
 0 MERCURY LT 0.20 UG/L ENV. ENG.  
 0 POTASSIUM 3490 UG/L ENV. ENG.  
 1 MAGNESIUM 5460 UG/L ENV. ENG.  
 2 MANGANESE 277 UG/L ENV. ENG.  
 1 SODIUM 48400 UG/L ENV. ENG.  
 1 NICKEL 10 UG/L ENV. ENG.  
 2 NITRATE AS NITROGEN 44500 UG/L ENV. ENG.  
 0 LEAD 6 UG/L ENV. ENG.  
 0 PHENOL LT 5 UG/L ENV. ENG.  
 0 ANTIMONY LT 30 UG/L ENV. ENG.  
 0 SELENIUM LT 2 UG/L ENV. ENG.  
 1 SILICA 4980 UG/L ENV. ENG.  
 0 SULFATE LT 5000 UG/L ENV. ENG.  
 0 TOTAL DISSOLVED SOLIDS 416000 UG/L ENV. ENG.  
 0 TOTAL ORGANIC CARBON LT 1000 UG/L ENV. ENG.  
 1 TOTAL ORGANIC HALOGENS 18 UG/L ENV. ENG.  
 0 TOTAL PHOSPHATES 80 UG/L ENV. ENG.  
 0 ZINC 78 UG/L ENV. ENG.  
 0 GROSS ALPHA 1.31+-0.96 PCI/L HP, 735A  
 1 GROSS ALPHA 13.10+-3.55 PCI/L RAD. MEAS.  
 1 GROSS ALPHA 14.70+-3.70 PCI/L RAD. MEAS.  
 1 NONVOLATILE BETA 24.50+-2.80 PCI/L HP, 735A  
 1 NONVOLATILE BETA 22.70+-3.07 PCI/L RAD. MEAS.  
 1 NONVOLATILE BETA 32.80+-3.48 PCI/L RAD. MEAS.  
 0 TOTAL RADIUM LT 1 PCI/L RAD. MEAS.  
 0 TOTAL RADIUM LT 1 PCI/L RAD. MEAS.  
 2 TRITIUM 3410+-7.99 PCI/ML HP, 735A  
 2 TRITIUM 3150+-63.3 PCI/ML RAD. MEAS.  
 2 TRITIUM 3074+-63.7 PCI/ML RAD. MEAS.

WELL HSB139D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/18/88 TIME 1545  
 DEPTH TO WATER = 10.80 FT ( 3.29 M) BELOW THE TOC  
 WATER ELEVATION = 223.00 FT ( 67.97 M) MSL  
 PH = 4.9 ALKALINITY = 2 MG/L  
 SPECIFIC CONDUCTANCE = 55 UMHS/CM  
 WATER TEMPERATURE = 20.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 58 GAL

LABORATORY ANALYSES

0 SPECIFIC CONDUCTANCE 78.00 UMHC ENV. ENG.  
 0 PH 5.27 PH ENV. ENG.  
 0 SILVER LT 2 UG/L ENV. ENG.  
 0 ARSENIC LT 2 UG/L ENV. ENG.  
 0 BARIUM 9 UG/L ENV. ENG.  
 0 CALCIUM 1680 UG/L ENV. ENG.  
 0 CADMIUM LT 2 UG/L ENV. ENG.  
 0 CHLORIDE 2400 UG/L ENV. ENG.  
 0 COBALT LT 4 UG/L ENV. ENG.  
 0 CHROMIUM LT 4 UG/L ENV. ENG.  
 0 COPPER 4 UG/L ENV. ENG.  
 0 FLUORIDE LT 100 UG/L ENV. ENG.

CONTINUED

## WELL HSB1390 COLLECTED ON 10/18/88 LABORATORY ANALYSES CONTINUED

0	IRON		21 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	POTASSIUM	LT	500 UG/L	ENV. ENG.
0	MAGNESIUM		524 UG/L	ENV. ENG.
0	MANGANESE		24 UG/L	ENV. ENG.
1	SODIUM		8140 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
1	NITRATE AS NITROGEN		5870 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	ANTIMONY	LT	30 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		2910 UG/L	ENV. ENG.
1	SILICA		2980 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		178000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
1	TOTAL ORGANIC HALOGENS		10 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	ZINC		33 UG/L	ENV. ENG.
0	GROSS ALPHA		4.21+-1.61 PCI/L	HP, 735A
0	GROSS ALPHA		4.14+-1.79 PCI/L	RAD. MEAS.
1	NONVOLATILE BETA		15.80+-2.36 PCI/L	HP, 735A
1	NONVOLATILE BETA		11.50+-2.01 PCI/L	RAD. MEAS.
0	TOTAL RADIUM		1.64+-0.62 PCI/L	RAD. MEAS.
2	TRITIUM		2530+-22.5 PCI/ML	HP, 735A
2	TRITIUM		2163+-47.1 PCI/ML	RAD. MEAS.

## WELL HSS 10

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/08/88 TIME 1315  
 DEPTH TO WATER = 47.49 FT ( 14.48 M) BELOW THE TOC  
 WATER ELEVATION = 262.58 FT ( 80.04 M) MSL  
 PH = 5.4 ALKALINITY = 2 MG/L  
 SPECIFIC CONDUCTANCE = 23 UMHOS/CM  
 WATER TEMPERATURE = 18.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 30 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		24.80 UMHG	ENV. ENG.
0	PH		5.10 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		39 UG/L	ENV. ENG.
0	CALCIUM		577 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		1900 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER		11 UG/L	ENV. ENG.
0	ENDRIN	LT	0.10 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	IRON		24 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	POTASSIUM		1810 UG/L	ENV. ENG.
0	LINDANE	LT	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0	MAGNESIUM		443 UG/L	ENV. ENG.
0	MANGANESE		8 UG/L	ENV. ENG.
0	SODIUM		1480 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
0	NITRITE AS NITROGEN	LT	50 UG/L	ENV. ENG.
0	NITRITE AS NITROGEN	LT	50 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		1008 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		1010 UG/L	ENV. ENG.
0	LEAD		15 UG/L	ENV. ENG.
1	PHENOL		6 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		10200 UG/L	ENV. ENG.
0	SILVEX	LT	0.09 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		54000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
1	TOTAL ORGANIC HALOGENS		16 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L	ENV. ENG.
0	GROSS ALPHA		0.22+-0.35 PCI/L	HP, 735A
0	GROSS ALPHA	LT	3 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		1.47+-0.92 PCI/L	HP, 735A
0	NONVOLATILE BETA		1.03+-0.86 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT	1 PCI/L	RAD. MEAS.
0	TRITIUM		0.19+-0.41 PCI/ML	HP, 735A
0	TRITIUM	LT	0.70 PCI/ML	RAD. MEAS.

## WELL HSS 20

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/07/88 TIME 1355  
 DEPTH TO WATER = 42.64 FT ( 13.00 M) BELOW THE TOC  
 WATER ELEVATION = 261.76 FT ( 79.79 M) MSL  
 PH = 5.6 ALKALINITY = 3 MG/L  
 SPECIFIC CONDUCTANCE = 27 UMHOS/CM  
 WATER TEMPERATURE = 18.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 90 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		29.50 UMHG	ENV. ENG.
0	PH		5.57 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		21 UG/L	ENV. ENG.
0	CALCIUM		1060 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		2500 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER		6 UG/L	ENV. ENG.
0	ENDRIN	LT	0.10 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	IRON	LT	20 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	POTASSIUM		1240 UG/L	ENV. ENG.
0	LINDANE	LT	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0	MAGNESIUM		331 UG/L	ENV. ENG.
1	MANGANESE		50 UG/L	ENV. ENG.
0	SODIUM		2310 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
0	NITRITE AS NITROGEN	LT	50 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		840 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
1	PHENOL		9 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		22700 UG/L	ENV. ENG.
0	SILVEX	LT	0.09 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		70000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		20 UG/L	ENV. ENG.
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L	ENV. ENG.
0	GROSS ALPHA		0.42+-0.38 PCI/L	HP, 735A
0	GROSS ALPHA	LT	3 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		1.11+-0.78 PCI/L	HP, 735A
0	NONVOLATILE BETA		1.59+-0.90 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT	1 PCI/L	RAD. MEAS.
0	TRITIUM		1.43+-0.39 PCI/ML	HP, 735A
0	TRITIUM		0.41+-0.24 PCI/ML	RAD. MEAS.

## WELL HSS 30

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/08/88 TIME 1230  
 DEPTH TO WATER = 37.32 FT ( 11.38 M) BELOW THE TOC  
 WATER ELEVATION = 272.48 FT ( 83.05 M) MSL  
 PH = 5.7 ALKALINITY = 13 MG/L  
 SPECIFIC CONDUCTANCE = 26 UMHOS/CM  
 WATER TEMPERATURE = 19.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 7 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		24.40 UMHG	ENV. ENG.
0	PH		4.96 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		12 UG/L	ENV. ENG.
0	CALCIUM		613 UG/L	ENV. ENG.
0	CALCIUM		699 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		2400 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER		11 UG/L	ENV. ENG.
0	ENDRIN	LT	0.10 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	IRON		38 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	POTASSIUM	LT	500 UG/L	ENV. ENG.
0	LINDANE	LT	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0	MAGNESIUM		178 UG/L	ENV. ENG.
0	MANGANESE		15 UG/L	ENV. ENG.
0	SODIUM		1990 UG/L	ENV. ENG.
0	NICKEL		4 UG/L	ENV. ENG.
0	NITRITE AS NITROGEN	LT	50 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		1050 UG/L	ENV. ENG.
2	LEAD		42 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		8300 UG/L	ENV. ENG.
0	SILVEX	LT	0.09 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		46000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.

CONTINUED

# WELL HSS 30 COLLECTED ON 12/08/88 LABORATORY ANALYSES CONTINUED

0 2,4-DICHLOROPHENOXYACETIC ACID LT 0.30 UG/L ENV. ENG.  
 0 GROSS ALPHA 1.04+-0.67 PCI/L HP, 735A  
 0 GROSS ALPHA 4.57+-1.20 PCI/L RAD. MEAS.  
 0 NONVOLATILE BETA 2.95+-1.15 PCI/L HP, 735A  
 0 NONVOLATILE BETA LT 2 PCI/L RAD. MEAS.  
 1 TOTAL RADIUM 4.37+-0.93 PCI/L RAD. MEAS.  
 0 TRITIUM 5.54+-0.53 PCI/ML HP, 735A  
 0 TRITIUM 5.08+-0.31 PCI/ML RAD. MEAS.

## WELL HTF 1

### MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/15/88 TIME 725  
 DEPTH TO WATER = 11.00 FT ( 3.35 M) BELOW THE TOC  
 WATER ELEVATION = 271.00 FT ( 82.60 M) MSL  
 PH = 6.8  
 SPECIFIC CONDUCTANCE = 254 UMHOS/CM  
 WATER TEMPERATURE = 26.0 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

### LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE 268.0 UMHG ENV. ENG.  
 1 PH 7.33 PH ENV. ENG.  
 1 SODIUM 5580 UG/L ENV. ENG.  
 0 NITRATE AS NITROGEN LT 50 UG/L ENV. ENG.  
 0 NITRATE AS NITROGEN LT 50 UG/L ENV. ENG.  
 0 GROSS ALPHA 0.11+-0.21 PCI/L HP, 735A  
 0 NONVOLATILE BETA 6.34+-1.95 PCI/L HP, 735A  
 2 TRITIUM 48.83+-1.07 PCI/ML HP, 735A

## WELL HTF 2

### MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/15/88 TIME 715  
 DEPTH TO WATER = 9.00 FT ( 2.74 M) BELOW THE TOC  
 WATER ELEVATION = 272.80 FT ( 83.15 M) MSL  
 PH = 6.0  
 SPECIFIC CONDUCTANCE = 205 UMHOS/CM  
 WATER TEMPERATURE = 24.0 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

### LABORATORY ANALYSES

0 SPECIFIC CONDUCTANCE 69.50 UMHG ENV. ENG.  
 0 PH 6.42 PH ENV. ENG.  
 0 SODIUM 4390 UG/L ENV. ENG.  
 0 NITRATE AS NITROGEN 50 UG/L ENV. ENG.  
 0 GROSS ALPHA 0.32+-0.48 PCI/L HP, 735A  
 0 NONVOLATILE BETA 2.95+-1.66 PCI/L HP, 735A  
 2 TRITIUM 36.87+-0.96 PCI/ML HP, 735A  
 2 TRITIUM 35.30+-0.58 PCI/ML RAD. MEAS.  
 2 TRITIUM 34.00+-0.57 PCI/ML RAD. MEAS.

## WELL HTF 3

### MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/15/88 TIME  
 PHYSICAL OR MECHANICAL FAILURE PREVENTED SAMPLE COLLECTION.

## WELL HTF 4

### MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/15/88 TIME 730  
 DEPTH TO WATER = 10.40 FT ( 3.17 M) BELOW THE TOC  
 WATER ELEVATION = 272.50 FT ( 83.06 M) MSL  
 PH = 6.2  
 SPECIFIC CONDUCTANCE = 191 UMHOS/CM  
 WATER TEMPERATURE = 22.8 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

### LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE 112.0 UMHG ENV. ENG.  
 0 PH 6.16 PH ENV. ENG.  
 0 SODIUM 3760 UG/L ENV. ENG.  
 0 NITRATE AS NITROGEN LT 50 UG/L ENV. ENG.  
 0 GROSS ALPHA 0.32+-0.48 PCI/L HP, 735A  
 0 NONVOLATILE BETA 2.76+-1.64 PCI/L HP, 735A  
 2 TRITIUM 35.02+-0.94 PCI/ML HP, 735A

## WELL HTF 5

### MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/15/88 TIME 830  
 DEPTH TO WATER = 27.40 FT ( 8.35 M) BELOW THE TOC  
 WATER ELEVATION = 278.40 FT ( 84.86 M) MSL  
 PH = 5.0  
 SPECIFIC CONDUCTANCE = 41 UMHOS/CM  
 WATER TEMPERATURE = 22.8 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

### LABORATORY ANALYSES

0 SPECIFIC CONDUCTANCE 55.00 UMHG ENV. ENG.  
 0 PH 5.80 PH ENV. ENG.  
 0 SODIUM 2920 UG/L ENV. ENG.  
 0 NITRATE AS NITROGEN 1470 UG/L ENV. ENG.  
 0 GROSS ALPHA 0.42+-0.42 PCI/L HP, 735A  
 1 NONVOLATILE BETA 41.36+-3.90 PCI/L HP, 735A  
 2 TRITIUM 35.32+-0.94 PCI/ML HP, 735A

## WELL HTF 6

### MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/15/88 TIME 820  
 DEPTH TO WATER = 29.00 FT ( 8.84 M) BELOW THE TOC  
 WATER ELEVATION = 276.40 FT ( 84.25 M) MSL  
 PH = 4.3  
 SPECIFIC CONDUCTANCE = 42 UMHOS/CM  
 WATER TEMPERATURE = 25.1 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

### LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE 102.0 UMHG ENV. ENG.  
 0 SPECIFIC CONDUCTANCE 95.70 UMHG ENV. ENG.  
 1 PH 6.52 PH ENV. ENG.  
 0 PH 6.39 PH ENV. ENG.  
 0 SODIUM 4150 UG/L ENV. ENG.  
 0 NITRATE AS NITROGEN 1620 UG/L ENV. ENG.  
 0 GROSS ALPHA 0.74+-0.56 PCI/L HP, 735A  
 1 NONVOLATILE BETA 30.22+-3.40 PCI/L HP, 735A  
 2 TRITIUM 27.06+-0.85 PCI/ML HP, 735A

## WELL HTF 7

### MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/15/88 TIME 810  
 DEPTH TO WATER = 31.00 FT ( 9.45 M) BELOW THE TOC  
 WATER ELEVATION = 274.30 FT ( 83.61 M) MSL  
 PH = 4.9  
 SPECIFIC CONDUCTANCE = 123 UMHOS/CM  
 WATER TEMPERATURE = 19.4 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

### LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE 210.0 UMHG ENV. ENG.  
 1 SPECIFIC CONDUCTANCE 175.0 UMHG ENV. ENG.  
 0 PH 5.59 PH ENV. ENG.  
 0 PH 6.00 PH ENV. ENG.  
 1 SODIUM 5110 UG/L ENV. ENG.  
 0 NITRATE AS NITROGEN 290 UG/L ENV. ENG.  
 0 GROSS ALPHA 0.64+-0.52 PCI/L HP, 735A  
 0 NONVOLATILE BETA 4.47+-1.79 PCI/L HP, 735A  
 0 TRITIUM 9.06+-0.60 PCI/ML HP, 735A

## WELL HTF 8

### MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/15/88 TIME 840  
 DEPTH TO WATER = 31.40 FT ( 9.57 M) BELOW THE TOC  
 WATER ELEVATION = 274.30 FT ( 83.61 M) MSL  
 PH = 3.9  
 SPECIFIC CONDUCTANCE = 38 UMHOS/CM  
 WATER TEMPERATURE = 20.8 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

### LABORATORY ANALYSES

0 SPECIFIC CONDUCTANCE 53.00 UMHG ENV. ENG.  
 0 PH 4.71 PH ENV. ENG.  
 0 SODIUM 2590 UG/L ENV. ENG.  
 0 NITRATE AS NITROGEN 1470 UG/L ENV. ENG.  
 0 GROSS ALPHA 1.49+-0.80 PCI/L HP, 735A  
 0 NONVOLATILE BETA 4.47+-1.79 PCI/L HP, 735A  
 2 TRITIUM 26.22+-0.84 PCI/ML HP, 735A

## WELL HTF 9

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/15/88 TIME 910  
 DEPTH TO WATER = 52.80 FT ( 16.09 M) BELOW THE TOC  
 WATER ELEVATION = 271.20 FT ( 82.66 M) MSL  
 PH = 6.2  
 SPECIFIC CONDUCTANCE = 78 UMHOS/CM  
 WATER TEMPERATURE = 21.5 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	32.00 UMHC	ENV. ENG.
0	PH	5.92 PH	ENV. ENG.
0	SODIUM	3720 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	LT 50 UG/L	ENV. ENG.
0	GROSS ALPHA	0.32+-0.37 PCI/L	HP, 735A
0	NONVOLATILE BETA	4.14+-1.76 PCI/L	HP, 735A
2	TRITIUM	172+-1.89 PCI/ML	HP, 735A

## WELL HTF 10

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/15/88 TIME 920  
 DEPTH TO WATER = 51.20 FT ( 15.61 M) BELOW THE TOC  
 WATER ELEVATION = 271.50 FT ( 82.75 M) MSL  
 PH = 6.0  
 SPECIFIC CONDUCTANCE = 161 UMHOS/CM  
 WATER TEMPERATURE = 20.5 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	86.20 UMHC	ENV. ENG.
1	PH	7.32 PH	ENV. ENG.
0	SODIUM	4330 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	LT 50 UG/L	ENV. ENG.
0	GROSS ALPHA	0.53+-0.56 PCI/L	HP, 735A
0	NONVOLATILE BETA	1.63+-1.52 PCI/L	HP, 735A
2	TRITIUM	125+-1.63 PCI/ML	HP, 735A

## WELL HTF 11

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/15/88 TIME 850  
 DEPTH TO WATER = 50.40 FT ( 15.36 M) BELOW THE TOC  
 WATER ELEVATION = 272.40 FT ( 83.03 M) MSL  
 PH = 5.8  
 SPECIFIC CONDUCTANCE = 90 UMHOS/CM  
 WATER TEMPERATURE = 20.5 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	48.60 UMHC	ENV. ENG.
0	PH	5.93 PH	ENV. ENG.
0	SODIUM	4800 UG/L	ENV. ENG.
1	SODIUM	5740 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	280 UG/L	ENV. ENG.
0	GROSS ALPHA	0.42+-0.42 PCI/L	HP, 735A
0	NONVOLATILE BETA	1.30+-1.47 PCI/L	HP, 735A
2	TRITIUM	127+-1.64 PCI/ML	HP, 735A

## WELL HTF 12

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/15/88 TIME 900  
 DEPTH TO WATER = 51.40 FT ( 15.67 M) BELOW THE TOC  
 WATER ELEVATION = 271.50 FT ( 82.75 M) MSL  
 PH = 6.0  
 SPECIFIC CONDUCTANCE = 63 UMHOS/CM  
 WATER TEMPERATURE = 22.0 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	LT 10.00 UMHC	ENV. ENG.
0	PH	5.70 PH	ENV. ENG.
0	SODIUM	4150 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	290 UG/L	ENV. ENG.
0	GROSS ALPHA	0.11+-0.37 PCI/L	HP, 735A
0	NONVOLATILE BETA	1.22+-1.48 PCI/L	HP, 735A
2	TRITIUM	154+-1.80 PCI/ML	HP, 735A

## WELL HTF 13

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/15/88 TIME 1120  
 DEPTH TO WATER = 51.10 FT ( 15.58 M) BELOW THE TOC  
 WATER ELEVATION = 273.30 FT ( 83.30 M) MSL  
 PH = 6.1  
 SPECIFIC CONDUCTANCE = 53 UMHOS/CM  
 WATER TEMPERATURE = 25.3 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0	SODIUM	3760 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	630 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	670 UG/L	ENV. ENG.
0	GROSS ALPHA	0.42+-0.42 PCI/L	HP, 735A
0	NONVOLATILE BETA	1.87+-1.83 PCI/L	HP, 735A
2	TRITIUM	24.96+-0.82 PCI/ML	HP, 735A

## WELL HTF 14

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/15/88 TIME 920  
 THE WELL WAS DRY.

## WELL HTF 15

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/15/88 TIME 930  
 DEPTH TO WATER = 49.50 FT ( 15.09 M) BELOW THE TOC  
 WATER ELEVATION = 273.00 FT ( 83.21 M) MSL  
 PH = 4.4  
 SPECIFIC CONDUCTANCE = 50 UMHOS/CM  
 WATER TEMPERATURE = 20.2 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING  
 THERE WAS INSUFFICIENT WATER TO FILL ALL OR SOME SAMPLE BOTTLES

## LABORATORY ANALYSES

0	GROSS ALPHA	0.74+-0.56 PCI/L	HP, 735A
0	NONVOLATILE BETA	-0.08+-1.31 PCI/L	HP, 735A
2	TRITIUM	48.60+-1.07 PCI/ML	HP, 735A

## WELL HTF 16

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/15/88 TIME 740  
 DEPTH TO WATER = 32.50 FT ( 9.91 M) BELOW THE TOC  
 WATER ELEVATION = 267.80 FT ( 81.63 M) MSL  
 PH = 5.0  
 SPECIFIC CONDUCTANCE = 50 UMHOS/CM  
 WATER TEMPERATURE = 18.0 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	49.40 UMHC	ENV. ENG.
0	PH	5.84 PH	ENV. ENG.
0	SODIUM	3190 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	2350 UG/L	ENV. ENG.
0	GROSS ALPHA	0.74+-0.56 PCI/L	HP, 735A
0	NONVOLATILE BETA	1.38+-1.48 PCI/L	HP, 735A
2	TRITIUM	23.32+-0.80 PCI/ML	HP, 735A
2	TRITIUM	22.40+-0.47 PCI/ML	RAD. MEAS.

## WELL HTF 17

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/15/88 TIME 1135  
 DEPTH TO WATER = 29.60 FT ( 9.02 M) BELOW THE TOC  
 WATER ELEVATION = 260.60 FT ( 79.43 M) MSL  
 PH = 5.5  
 SPECIFIC CONDUCTANCE = 94 UMHOS/CM  
 WATER TEMPERATURE = 22.1 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	132.0 UMHC	ENV. ENG.
1	PH	6.82 PH	ENV. ENG.
0	SODIUM	1540 UG/L	ENV. ENG.
1	NITRATE AS NITROGEN	3360 UG/L	ENV. ENG.
0	GROSS ALPHA	0.21+-0.30 PCI/L	HP, 735A
0	NONVOLATILE BETA	2.60+-1.61 PCI/L	HP, 735A
2	TRITIUM	54.48+-1.12 PCI/ML	HP, 735A

## WELL HTF 18

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/15/88 TIME 935  
 DEPTH TO WATER = 54.00 FT ( 16.46 M) BELOW THE TOC  
 WATER ELEVATION = 269.70 FT ( 82.21 M) MSL  
 PH = 4.3  
 SPECIFIC CONDUCTANCE = 55 UMHOS/CM  
 WATER TEMPERATURE = 18.0 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	64.50 UMHC	ENV. ENG.
0	PH	5.30 PH	ENV. ENG.
1	SODIUM	5710 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	1810 UG/L	ENV. ENG.
0	GROSS ALPHA	0.42+-0.42 PCI/L	HP, 735A
0	NONVOLATILE BETA	2.60+-1.61 PCI/L	HP, 735A
2	TRITIUM	22.17+-0.79 PCI/ML	HP, 735A

## WELL HTF 19

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/15/88 TIME 945  
 DEPTH TO WATER = 57.40 FT ( 17.50 M) BELOW THE TOC  
 WATER ELEVATION = 267.40 FT ( 81.50 M) MSL  
 PH = 4.7  
 SPECIFIC CONDUCTANCE = 38 UMHOS/CM  
 WATER TEMPERATURE = 20.6 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	35.30 UMHC	ENV. ENG.
0	PH	5.08 PH	ENV. ENG.
0	SODIUM	2430 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	280 UG/L	ENV. ENG.
0	GROSS ALPHA	0.53+-0.48 PCI/L	HP, 735A
0	NONVOLATILE BETA	2.68+-1.62 PCI/L	HP, 735A
1	TRITIUM	12.54+-0.66 PCI/ML	HP, 735A

## WELL HTF 20

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/15/88 TIME 1000  
 DEPTH TO WATER = 59.30 FT ( 18.07 M) BELOW THE TOC  
 WATER ELEVATION = 265.60 FT ( 80.96 M) MSL  
 PH = 4.2  
 SPECIFIC CONDUCTANCE = 49 UMHOS/CM  
 WATER TEMPERATURE = 20.6 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	14.00 UMHC	ENV. ENG.
0	PH	5.18 PH	ENV. ENG.
1	SODIUM	6950 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	2450 UG/L	ENV. ENG.
0	GROSS ALPHA	0.74+-0.56 PCI/L	HP, 735A
0	NONVOLATILE BETA	2.44+-1.59 PCI/L	HP, 735A
2	TRITIUM	22.39+-0.79 PCI/ML	HP, 735A

## WELL HTF 21

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/15/88 TIME 950  
 DEPTH TO WATER = 56.40 FT ( 17.19 M) BELOW THE TOC  
 WATER ELEVATION = 268.30 FT ( 81.78 M) MSL  
 PH = 4.6  
 SPECIFIC CONDUCTANCE = 44 UMHOS/CM  
 WATER TEMPERATURE = 20.0 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	47.70 UMHC	ENV. ENG.
0	PH	5.16 PH	ENV. ENG.
0	SODIUM	4730 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	1150 UG/L	ENV. ENG.
0	GROSS ALPHA	0.96+-0.64 PCI/L	HP, 735A
0	NONVOLATILE BETA	2.44+-1.59 PCI/L	HP, 735A
1	TRITIUM	18.64+-0.74 PCI/ML	HP, 735A

## WELL HTF 22

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/15/88 TIME 1100  
 DEPTH TO WATER = 60.30 FT ( 18.38 M) BELOW THE TOC  
 WATER ELEVATION = 273.20 FT ( 83.27 M) MSL  
 PH = 6.5  
 SPECIFIC CONDUCTANCE = 172 UMHOS/CM  
 WATER TEMPERATURE = 23.3 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	168.0 UMHC	ENV. ENG.
1	PH	7.17 PH	ENV. ENG.
1	SODIUM	6770 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	750 UG/L	ENV. ENG.
0	GROSS ALPHA	0.00 PCI/L	HP, 735A
0	NONVOLATILE BETA	2.76+-1.62 PCI/L	HP, 735A
1	TRITIUM	15.45+-0.70 PCI/ML	HP, 735A

## WELL HTF 23

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/15/88 TIME 1050  
 DEPTH TO WATER = 61.00 FT ( 18.59 M) BELOW THE TOC  
 WATER ELEVATION = 273.00 FT ( 83.21 M) MSL  
 PH = 6.5  
 SPECIFIC CONDUCTANCE = 125 UMHOS/CM  
 WATER TEMPERATURE = 23.0 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	132.0 UMHC	ENV. ENG.
1	PH	6.98 PH	ENV. ENG.
0	SODIUM	4770 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	1880 UG/L	ENV. ENG.
0	GROSS ALPHA	0.11+-0.21 PCI/L	HP, 735A
0	NONVOLATILE BETA	1.46+-1.49 PCI/L	HP, 735A
2	TRITIUM	26.57+-0.84 PCI/ML	HP, 735A

## WELL HTF 24

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/15/88 TIME 1045  
 DEPTH TO WATER = 62.20 FT ( 18.96 M) BELOW THE TOC  
 WATER ELEVATION = 271.70 FT ( 82.82 M) MSL  
 PH = 5.0  
 SPECIFIC CONDUCTANCE = 90 UMHOS/CM  
 WATER TEMPERATURE = 21.4 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	64.70 UMHC	ENV. ENG.
1	PH	6.51 PH	ENV. ENG.
0	SODIUM	4140 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	2400 UG/L	ENV. ENG.
0	GROSS ALPHA	0.11+-0.21 PCI/L	HP, 735A
0	NONVOLATILE BETA	1.87+-1.53 PCI/L	HP, 735A
2	TRITIUM	27.97+-0.86 PCI/ML	HP, 735A

## WELL HTF 25

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/15/88 TIME 1030  
 DEPTH TO WATER = 62.70 FT ( 19.11 M) BELOW THE TOC  
 WATER ELEVATION = 271.60 FT ( 82.78 M) MSL  
 PH = 5.0  
 SPECIFIC CONDUCTANCE = 35 UMHOS/CM  
 WATER TEMPERATURE = 21.4 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	37.70 UMHC	ENV. ENG.
0	PH	5.68 PH	ENV. ENG.
0	SODIUM	2950 UG/L	ENV. ENG.
0	SODIUM	2770 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	1060 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	1070 UG/L	ENV. ENG.
0	GROSS ALPHA	0.42+-0.42 PCI/L	HP, 735A
0	NONVOLATILE BETA	0.57+-1.39 PCI/L	HP, 735A
2	TRITIUM	33.96+-0.92 PCI/ML	HP, 735A

## WELL HTF 26

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/15/88 TIME 1040  
 DEPTH TO WATER = 62.50 FT ( 19.05 M) BELOW THE TOC  
 WATER ELEVATION = 275.00 FT ( 83.21 M) MSL  
 PH = 4.9  
 SPECIFIC CONDUCTANCE = 83 UMHOS/CM  
 WATER TEMPERATURE = 20.6 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	94.00 UMHOS/CM	ENV. ENG.
0	PH	5.51 PH	ENV. ENG.
0	SODIUM	4420 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	2810 UG/L	ENV. ENG.
0	GROSS ALPHA	1.81+-0.88 PCI/L	HP, 735A
0	NONVOLATILE BETA	9.59+-2.20 PCI/L	HP, 735A
1	TRITIUM	17.34+-0.73 PCI/ML	HP, 735A

## WELL HTF 27

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/15/88 TIME 1020  
 DEPTH TO WATER = 59.50 FT ( 18.14 M) BELOW THE TOC  
 WATER ELEVATION = 273.60 FT ( 83.39 M) MSL  
 PH = 3.6  
 SPECIFIC CONDUCTANCE = 68 UMHOS/CM  
 WATER TEMPERATURE = 19.5 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	59.30 UMHOS/CM	ENV. ENG.
0	SPECIFIC CONDUCTANCE	59.40 UMHOS/CM	ENV. ENG.
0	PH	4.59 PH	ENV. ENG.
0	PH	4.60 PH	ENV. ENG.
1	SODIUM	5120 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	1580 UG/L	ENV. ENG.
0	GROSS ALPHA	0.96+-0.64 PCI/L	HP, 735A
0	NONVOLATILE BETA	2.76+-1.62 PCI/L	HP, 735A
1	TRITIUM	13.95+-0.68 PCI/ML	HP, 735A

## WELL HTF 28

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/15/88 TIME  
 PHYSICAL OR MECHANICAL FAILURE PREVENTED SAMPLE COLLECTION.

## WELL HTF 29

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/15/88 TIME 1110  
 DEPTH TO WATER = 59.20 FT ( 18.04 M) BELOW THE TOC  
 WATER ELEVATION = 274.30 FT ( 83.61 M) MSL  
 PH = 5.4  
 SPECIFIC CONDUCTANCE = 54 UMHOS/CM  
 WATER TEMPERATURE = 21.2 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	53.60 UMHOS/CM	ENV. ENG.
0	PH	5.60 PH	ENV. ENG.
1	SODIUM	6260 UG/L	ENV. ENG.
1	NITRATE AS NITROGEN	3320 UG/L	ENV. ENG.
0	GROSS ALPHA	0.00 PCI/L	HP, 735A
0	NONVOLATILE BETA	0.24+-1.35 PCI/L	HP, 735A
2	TRITIUM	20.02+-0.76 PCI/ML	HP, 735A

## WELL HTF 31

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/15/88 TIME  
 PHYSICAL OR MECHANICAL FAILURE PREVENTED SAMPLE COLLECTION.

## WELL HTF 32

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/15/88 TIME 1010  
 DEPTH TO WATER = 56.20 FT ( 17.13 M) BELOW THE TOC  
 WATER ELEVATION = 272.90 FT ( 83.18 M) MSL  
 PH = 4.0  
 SPECIFIC CONDUCTANCE = 38 UMHOS/CM  
 WATER TEMPERATURE = 21.0 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	41.80 UMHOS/CM	ENV. ENG.
0	PH	4.82 PH	ENV. ENG.
1	SODIUM	6850 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	2290 UG/L	ENV. ENG.
0	GROSS ALPHA	0.32+-0.37 PCI/L	HP, 735A
0	NONVOLATILE BETA	1.14+-1.45 PCI/L	HP, 735A
1	TRITIUM	12.23+-0.65 PCI/ML	HP, 735A

## WELL HTF 34

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/15/88 TIME 800  
 DEPTH TO WATER = 31.50 FT ( 9.60 M) BELOW THE TOC  
 WATER ELEVATION = 274.00 FT ( 83.52 M) MSL  
 PH = 4.9  
 SPECIFIC CONDUCTANCE = 70 UMHOS/CM  
 WATER TEMPERATURE = 20.2 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	73.20 UMHOS/CM	ENV. ENG.
0	PH	5.60 PH	ENV. ENG.
0	SODIUM	4600 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	840 UG/L	ENV. ENG.
0	GROSS ALPHA	0.64+-0.60 PCI/L	HP, 735A
0	NONVOLATILE BETA	1.95+-1.56 PCI/L	HP, 735A
2	TRITIUM	21.93+-0.79 PCI/ML	HP, 735A

## WELL HNS 1A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/15/88 TIME 1105  
 DEPTH TO WATER = 80.73 FT ( 24.61 M) BELOW THE TOC  
 WATER ELEVATION = 243.87 FT ( 74.33 M) MSL  
 PH = 4.6 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 20 UMHOS/CM  
 WATER TEMPERATURE = 20.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 49 GAL

## WELL HNS 2

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/15/88 TIME 1145  
 DEPTH TO WATER = 78.91 FT ( 24.05 M) BELOW THE TOC  
 WATER ELEVATION = 244.29 FT ( 74.46 M) MSL  
 PH = 4.6 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 23 UMHOS/CM  
 WATER TEMPERATURE = 20.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 76 GAL

## WELL HNS 1

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/15/88 TIME 1210  
 DEPTH TO WATER = 57.32 FT ( 17.47 M) BELOW THE TOC  
 WATER ELEVATION = 248.88 FT ( 75.86 M) MSL  
 PH = 4.9 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 27 UMHOS/CM  
 WATER TEMPERATURE = 19.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 90 GAL



WELL HXB 2

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/13/88 TIME 1125  
 DEPTH TO WATER = 54.46 FT ( 16.60 M) BELOW THE TOC  
 WATER ELEVATION = 249.94 FT ( 76.18 M) MSL  
 PH = 4.9 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 26 UMHOS/CM  
 WATER TEMPERATURE = 19.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 100 GAL

WELL HXB 3

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/13/88 TIME 1150  
 DEPTH TO WATER = 54.96 FT ( 16.75 M) BELOW THE TOC  
 WATER ELEVATION = 249.24 FT ( 75.97 M) MSL  
 PH = 4.9 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 25 UMHOS/CM  
 WATER TEMPERATURE = 19.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 98 GAL

WELL KAB 1

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/27/88 TIME 1605  
 DEPTH TO WATER = 55.62 FT ( 16.95 M) BELOW THE TOC  
 WATER ELEVATION = 210.38 FT ( 64.12 M) MSL  
 PH = 4.8 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 398 UMHOS/CM  
 WATER TEMPERATURE = 22.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 43 GAL

WELL KAB 2

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/27/88 TIME 1655  
 DEPTH TO WATER = 44.32 FT ( 13.51 M) BELOW THE TOC  
 WATER ELEVATION = 216.38 FT ( 65.95 M) MSL  
 PH = 6.3 ALKALINITY = 136 MG/L  
 SPECIFIC CONDUCTANCE = 548 UMHOS/CM  
 WATER TEMPERATURE = 22.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 47 GAL

WELL KAB 3

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/27/88 TIME 1655  
 DEPTH TO WATER = 41.80 FT ( 12.74 M) BELOW THE TOC  
 WATER ELEVATION = 208.30 FT ( 63.49 M) MSL  
 PH = 4.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 196 UMHOS/CM  
 WATER TEMPERATURE = 19.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 40 GAL

WELL KAB 4

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/27/88 TIME 1715  
 DEPTH TO WATER = 46.77 FT ( 14.26 M) BELOW THE TOC  
 WATER ELEVATION = 207.63 FT ( 63.29 M) MSL  
 PH = 6.5 ALKALINITY = 241 MG/L  
 SPECIFIC CONDUCTANCE = 635 UMHOS/CM  
 WATER TEMPERATURE = 20.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 54 GAL

WELL KAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/29/88 TIME 1030  
 DEPTH TO WATER = 50.35 FT ( 15.35 M) BELOW THE TOC  
 WATER ELEVATION = 215.65 FT ( 65.73 M) MSL  
 PH = 4.9 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 2410 UMHOS/CM  
 WATER TEMPERATURE = 18.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 44 GAL

WELL KAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/29/88 TIME 1105  
 DEPTH TO WATER = 40.48 FT ( 12.34 M) BELOW THE TOC  
 WATER ELEVATION = 217.02 FT ( 66.15 M) MSL  
 PH = 7.2 ALKALINITY = 79 MG/L  
 SPECIFIC CONDUCTANCE = 375 UMHOS/CM  
 WATER TEMPERATURE = 19.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 57 GAL

WELL KAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/29/88 TIME 1140  
 DEPTH TO WATER = 38.75 FT ( 11.81 M) BELOW THE TOC  
 WATER ELEVATION = 219.05 FT ( 66.77 M) MSL  
 PH = 8.2 ALKALINITY = 113 MG/L  
 SPECIFIC CONDUCTANCE = 545 UMHOS/CM  
 WATER TEMPERATURE = 18.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 81 GAL

WELL KAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/29/88 TIME 1205  
 DEPTH TO WATER = 45.30 FT ( 13.81 M) BELOW THE TOC  
 WATER ELEVATION = 214.70 FT ( 65.44 M) MSL  
 PH = 5.1 ALKALINITY = 2 MG/L  
 SPECIFIC CONDUCTANCE = 135 UMHOS/CM  
 WATER TEMPERATURE = 18.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 96 GAL

WELL KAC 5

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 905  
 DEPTH TO WATER = 39.83 FT ( 12.14 M) BELOW THE TOC  
 WATER ELEVATION = 219.18 FT ( 66.81 M) MSL  
 PH = 5.2 ALKALINITY = 4 MG/L  
 SPECIFIC CONDUCTANCE = 69 UMHOS/CM  
 WATER TEMPERATURE = 18.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 8 GAL  
 THE WELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	72.60 UMHC	ENV. ENG.
0	SPECIFIC CONDUCTANCE	72.10 UMHC	ENV. ENG.
0	PH	5.24 PH	ENV. ENG.
0	PH	5.18 PH	ENV. ENG.
0	TURBIDITY	2 NTU	ENV. ENG.
0	SILVER	2 UG/L	ENV. ENG.
0	ARSENIC	2 UG/L	ENV. ENG.
0	BARIUM	5 UG/L	ENV. ENG.
0	CALCIUM	610 UG/L	ENV. ENG.
0	CADMIUM	2 UG/L	ENV. ENG.
0	CHLORIDE	6400 UG/L	ENV. ENG.
0	CHROMIUM	4 UG/L	ENV. ENG.
0	ENDRIN	0.10 UG/L	ENV. ENG.
0	ENDRIN	0.10 UG/L	ENV. ENG.
0	FLUORIDE	100 UG/L	ENV. ENG.
0	IRON	32 UG/L	ENV. ENG.
0	MERCURY	0.20 UG/L	ENV. ENG.
0	POTASSIUM	500 UG/L	ENV. ENG.
0	LINDANE	0.05 UG/L	ENV. ENG.
0	LINDANE	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	0.50 UG/L	ENV. ENG.
0	METHOXYCHLOR	0.50 UG/L	ENV. ENG.
0	MAGNESIUM	201 UG/L	ENV. ENG.
0	MANGANESE	12 UG/L	ENV. ENG.
1	SODIUM	10700 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	70 UG/L	ENV. ENG.
0	LEAD	6 UG/L	ENV. ENG.
0	PHENOL	5 UG/L	ENV. ENG.
0	SELENIUM	2 UG/L	ENV. ENG.
1	SILICA	1900 UG/L	ENV. ENG.
0	SILVEX	0.09 UG/L	ENV. ENG.
1	SULFATE	10300 UG/L	ENV. ENG.

CONTINUED

## WELL KAC 5 COLLECTED ON 11/27/88 LABORATORY ANALYSES CONTINUED

0	TOTAL DISSOLVED SOLIDS	57000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
1	TOTAL ORGANIC HALOGENS	11 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	50 UG/L	ENV. ENG.
0	TOXAPHENE	LT 1 UG/L	ENV. ENG.
0	TOXAPHENE	LT 1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHOXYACETIC ACID	LT 0.30 UG/L	ENV. ENG.
0	GROSS ALPHA	0.07+-0.30 PCI/L	HP, 735A
0	GROSS ALPHA	1.71+-1.05 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	0.86+-0.86 PCI/L	HP, 735A
0	NONVOLATILE BETA	1.36+-0.81 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT 1 PCI/L	RAD. MEAS.
0	TRITIUM	0.11+-0.46 PCI/ML	HP, 735A
0	TRITIUM	LT 0.70 PCI/ML	RAD. MEAS.

## WELL KAC 6

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 930  
 DEPTH TO WATER = 40.30 FT ( 12.28 M) BELOW THE TOC  
 WATER ELEVATION = 218.74 FT ( 66.67 M) MSL  
 PH = 5.3 ALKALINITY = 6 MG/L  
 SPECIFIC CONDUCTANCE = 109 UMHOS/CM  
 WATER TEMPERATURE = 18.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 6 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	80.50 UMHOS	ENV. ENG.
0	SPECIFIC CONDUCTANCE	81.60 UMHOS	ENV. ENG.
0	PH	4.77 PH	ENV. ENG.
0	PH	4.86 PH	ENV. ENG.
0	TURBIDITY	0.16 NTU	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
0	BARIUM	13 UG/L	ENV. ENG.
0	CALCIUM	1290 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHLORIDE	6400 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	ENDRIN	LT 0.10 UG/L	ENV. ENG.
0	FLUORIDE	LT 100 UG/L	ENV. ENG.
0	IRON	LT 20 UG/L	ENV. ENG.
0	MERCURY	0.20 UG/L	ENV. ENG.
0	POTASSIUM	1310 UG/L	ENV. ENG.
0	LINDANE	LT 0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT 0.50 UG/L	ENV. ENG.
0	MAGNESIUM	347 UG/L	ENV. ENG.
1	MANGANESE	47 UG/L	ENV. ENG.
1	SODIUM	11800 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	60 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
1	SILICA	2600 UG/L	ENV. ENG.
1	SILVEX	LT 0.09 UG/L	ENV. ENG.
1	SULFATE	14400 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	81000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT 5 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT 5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT 30 UG/L	ENV. ENG.
0	TOXAPHENE	LT 1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHOXYACETIC ACID	LT 0.30 UG/L	ENV. ENG.
0	GROSS ALPHA	0.27+-0.46 PCI/L	HP, 735A
0	GROSS ALPHA	1.66+-1.01 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	0.83+-0.87 PCI/L	HP, 735A
0	NONVOLATILE BETA	2.63+-0.90 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT 1 PCI/L	RAD. MEAS.
0	TRITIUM	1.71+-0.50 PCI/ML	HP, 735A
0	TRITIUM	LT 0.70 PCI/ML	RAD. MEAS.

## WELL KAC 7

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 955  
 DEPTH TO WATER = 49.45 FT ( 15.07 M) BELOW THE TOC  
 WATER ELEVATION = 215.62 FT ( 65.72 M) MSL  
 PH = 5.9 ALKALINITY = 36 MG/L  
 SPECIFIC CONDUCTANCE = 302 UMHOS/CM  
 WATER TEMPERATURE = 19.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 3 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	288.0 UMHOS	ENV. ENG.
0	PH	5.06 PH	ENV. ENG.
0	TURBIDITY	0.54 NTU	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
0	BARIUM	19 UG/L	ENV. ENG.
1	CALCIUM	12300 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHLORIDE	8200 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	ENDRIN	LT 0.10 UG/L	ENV. ENG.
0	FLUORIDE	LT 100 UG/L	ENV. ENG.

CONTINUED

## WELL KAC 7 COLLECTED ON 11/27/88 LABORATORY ANALYSES CONTINUED

0	FLUORIDE	LT 100 UG/L	ENV. ENG.
2	IRON	735 UG/L	ENV. ENG.
0	MERCURY	0.20 UG/L	ENV. ENG.
0	POTASSIUM	989 UG/L	ENV. ENG.
0	LINDANE	LT 0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT 0.50 UG/L	ENV. ENG.
0	MAGNESIUM	817 UG/L	ENV. ENG.
2	MANGANESE	65 UG/L	ENV. ENG.
1	SODIUM	50200 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	290 UG/L	ENV. ENG.
2	LEAD	34 UG/L	ENV. ENG.
1	PHENOL	36 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
1	SILICA	4000 UG/L	ENV. ENG.
0	SILVEX	LT 0.09 UG/L	ENV. ENG.
1	SULFATE	56700 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	192000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	2900 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT 5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT 60 UG/L	ENV. ENG.
0	TOXAPHENE	LT 1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHOXYACETIC ACID	LT 0.30 UG/L	ENV. ENG.
0	GROSS ALPHA	0.43+-0.71 PCI/L	HP, 735A
1	GROSS ALPHA	5.68+-2.16 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	0.43+-0.86 PCI/L	HP, 735A
0	NONVOLATILE BETA	3.90+-1.33 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	0.81+-0.54 PCI/ML	RAD. MEAS.
0	TRITIUM	2.70+-0.52 PCI/ML	HP, 735A
0	TRITIUM	1.74+-0.26 PCI/ML	RAD. MEAS.

## WELL KCB 1

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/08/88 TIME 1610  
 DEPTH TO WATER = 52.60 FT ( 16.03 M) BELOW THE TOC  
 WATER ELEVATION = 207.80 FT ( 63.34 M) MSL  
 PH = 5.2 ALKALINITY = 6 MG/L  
 SPECIFIC CONDUCTANCE = 349 UMHOS/CM  
 WATER TEMPERATURE = 20.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 64 GAL

## WELL KCB 2

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/08/88 TIME 1630  
 DEPTH TO WATER = 49.04 FT ( 14.95 M) BELOW THE TOC  
 WATER ELEVATION = 205.36 FT ( 62.59 M) MSL  
 PH = 4.3 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 56 UMHOS/CM  
 WATER TEMPERATURE = 20.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 47 GAL

## WELL KCB 3

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/08/88 TIME 1645  
 DEPTH TO WATER = 43.48 FT ( 13.25 M) BELOW THE TOC  
 WATER ELEVATION = 204.42 FT ( 62.31 M) MSL  
 PH = 3.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 640 UMHOS/CM  
 WATER TEMPERATURE = 20.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 53 GAL

## WELL KCB 4

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/08/88 TIME 1700  
 DEPTH TO WATER = 47.84 FT ( 14.58 M) BELOW THE TOC  
 WATER ELEVATION = 207.76 FT ( 63.33 M) MSL  
 PH = 6.5 ALKALINITY = 63 MG/L  
 SPECIFIC CONDUCTANCE = 395 UMHOS/CM  
 WATER TEMPERATURE = 21.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 50 GAL

## WELL KOB 1

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/27/88 TIME 1155  
 DEPTH TO WATER = 64.77 FT ( 19.74 M) BELOW THE TOC  
 WATER ELEVATION = 208.33 FT ( 63.50 M) MSL  
 PH = 4.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 102 UMHOS/CM  
 WATER TEMPERATURE = 23.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 20 GAL  
 THE WELL WENT DRY DURING PURGING.

## WELL KOB 2

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/27/88 TIME 1140  
 DEPTH TO WATER = 66.09 FT ( 20.14 M) BELOW THE TOC  
 WATER ELEVATION = 207.41 FT ( 63.22 M) MSL  
 PH = 4.6 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 65 UMHOS/CM  
 WATER TEMPERATURE = 23.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 65 GAL

## WELL KOB 3

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/27/88 TIME 1205  
 DEPTH TO WATER = 65.26 FT ( 19.89 M) BELOW THE TOC  
 WATER ELEVATION = 208.14 FT ( 63.44 M) MSL  
 PH = 5.9 ALKALINITY = 79 MG/L  
 SPECIFIC CONDUCTANCE = 272 UMHOS/CM  
 WATER TEMPERATURE = 22.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 21 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

0	BROMODICHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0	TRICHLOROFLUOROMETHANE	LT	5 UG/L	ENV. ENG.
0	CARBON TETRACHLORIDE	LT	5.00 UG/L	ENV. ENG.
0	BROMOFORM	LT	10 UG/L	ENV. ENG.
0	CHLOROFORM	LT	5 UG/L	ENV. ENG.
0	METHYLENE CHLORIDE	LT	5 UG/L	ENV. ENG.
0	BROMOMETHANE	LT	10 UG/L	ENV. ENG.
0	CHLOROMETHANE	LT	10 UG/L	ENV. ENG.
0	CHLOROBENZENE	LT	5 UG/L	ENV. ENG.
0	CHLOROETHENE	LT	10 UG/L	ENV. ENG.
0	CHLOROETHANE	LT	10 UG/L	ENV. ENG.
0	BENZENE	LT	5 UG/L	ENV. ENG.
0	DIBROMOCHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0	ETHYLBENZENE	LT	5 UG/L	ENV. ENG.
0	TOLUENE	LT	5 UG/L	ENV. ENG.
0	1,1,2,2-TETRACHLOROETHANE	LT	10 UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	LT	5.00 UG/L	ENV. ENG.
2	TRICHLOROETHYLENE	LT	53.0 UG/L	ENV. ENG.
0	TRANS-1,2-DICHLOROETHENE	LT	5 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	5 UG/L	ENV. ENG.
0	1,1-DICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,1,1-TRICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,1,2-TRICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,2-DICHLOROETHANE	LT	1 UG/L	ENV. ENG.
0	1,2-DICHLOROPROPANE	LT	10 UG/L	ENV. ENG.
0	CIS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0	TRANS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0	2-CHLOROETHYL VINYL ETHER	LT	10 UG/L	ENV. ENG.

## WELL KRB 1

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 955  
 DEPTH TO WATER = 59.99 FT ( 18.29 M) BELOW THE TOC  
 WATER ELEVATION = 206.51 FT ( 62.95 M) MSL  
 PH = 5.4 ALKALINITY = 9 MG/L  
 SPECIFIC CONDUCTANCE = 40 UMHOS/CM  
 WATER TEMPERATURE = 19.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 2 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

0	GROSS ALPHA	0.77+-0.65 PCI/L	HP, 735A
0	NONVOLATILE BETA	0.79+-0.84 PCI/L	HP, 735A
2	TRITIUM	277+-2.41 PCI/ML	HP, 735A
2	TRITIUM	276+-2.43 PCI/ML	HP, 735A

## WELL KRB 3

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/25/88 TIME 1525  
 DEPTH TO WATER = 59.40 FT ( 18.11 M) BELOW THE TOC  
 WATER ELEVATION = 208.50 FT ( 63.55 M) MSL  
 PH = 4.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 50 UMHOS/CM  
 WATER TEMPERATURE = 21.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 20 GAL

## LABORATORY ANALYSES

0	GROSS ALPHA	2.42+-0.86 PCI/L	HP, 735A
0	NONVOLATILE BETA	1.50+-0.82 PCI/L	HP, 735A
2	TRITIUM	1776+-482 PCI/ML	HP, 735A
2	TRITIUM	1680+-472 PCI/ML	HP, 735A

## WELL KRB 13

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1010  
 PH = 6.1 ALKALINITY = 10 MG/L  
 SPECIFIC CONDUCTANCE = 58 UMHOS/CM  
 WATER TEMPERATURE = 19.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 1 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

0	GROSS ALPHA	1.00+-0.59 PCI/L	HP, 735A
0	NONVOLATILE BETA	2.24+-0.89 PCI/L	HP, 735A
2	TRITIUM	17189+-192 PCI/ML	HP, 735A

## WELL KRB 14

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1035  
 DEPTH TO WATER = 79.28 FT ( 24.16 M) BELOW THE TOC  
 WATER ELEVATION = 203.22 FT ( 61.94 M) MSL  
 PH = 5.8 ALKALINITY = 8 MG/L  
 SPECIFIC CONDUCTANCE = 60 UMHOS/CM  
 WATER TEMPERATURE = 19.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 3 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

0	GROSS ALPHA	-0.04+-0.21 PCI/L	HP, 735A
0	NONVOLATILE BETA	1.95+-0.87 PCI/L	HP, 735A
2	TRITIUM	18668+-139 PCI/ML	HP, 735A

## WELL KRB 15

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1055  
 DEPTH TO WATER = 65.27 FT ( 19.89 M) BELOW THE TOC  
 WATER ELEVATION = 204.33 FT ( 62.28 M) MSL  
 PH = 7.3 ALKALINITY = 27 MG/L  
 SPECIFIC CONDUCTANCE = 67 UMHOS/CM  
 WATER TEMPERATURE = 19.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 1 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

0	GROSS ALPHA	4.80+-1.32 PCI/L	HP, 735A
2	NONVOLATILE BETA	126+-8.43 PCI/L	HP, 735A
2	TRITIUM	85712+-596 PCI/ML	HP, 735A

## WELL KRP 1

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/22/88 TIME 1340  
 DEPTH TO WATER = 48.12 FT ( 14.67 M) BELOW THE TOC  
 WATER ELEVATION = 215.78 FT ( 65.77 M) MSL  
 PH = 4.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 37 UMHOS/CM  
 WATER TEMPERATURE = 19.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 23 GAL

## LABORATORY ANALYSES

1	NICKEL	26 UG/L	ENV. ENG.
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## WELL KRP 2

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/22/88 TIME 1400  
 DEPTH TO WATER = 40.43 FT ( 12.32 M) BELOW THE TOC  
 WATER ELEVATION = 215.67 FT ( 65.74 M) MSL  
 PH = 5.4 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 31 UMHOS/CM  
 WATER TEMPERATURE = 18.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 43 GAL

## LABORATORY ANALYSES

0 NICKEL 6 UG/L ENV. ENG.

## WELL KRP 3

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/22/88 TIME 1425  
 DEPTH TO WATER = 38.50 FT ( 11.73 M) BELOW THE TOC  
 WATER ELEVATION = 216.00 FT ( 65.84 M) MSL  
 PH = 5.2 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 22 UMHOS/CM  
 WATER TEMPERATURE = 19.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 22 GAL

## LABORATORY ANALYSES

1 NICKEL 9 UG/L ENV. ENG.  
 1 NICKEL 12 UG/L ENV. ENG.

## WELL KRP 4

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/22/88 TIME 1450  
 DEPTH TO WATER = 40.53 FT ( 12.35 M) BELOW THE TOC  
 WATER ELEVATION = 215.07 FT ( 65.55 M) MSL  
 PH = 5.1 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 76 UMHOS/CM  
 WATER TEMPERATURE = 18.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 69 GAL

## LABORATORY ANALYSES

0 NICKEL LT 4 UG/L ENV. ENG.

## WELL KSB 1

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/18/88 TIME 1525  
 DEPTH TO WATER = 61.29 FT ( 18.68 M) BELOW THE TOC  
 WATER ELEVATION = 206.11 FT ( 62.82 M) MSL  
 PH = 4.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 34 UMHOS/CM  
 WATER TEMPERATURE = 22.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 80 GAL

## LABORATORY ANALYSES

0 GROSS ALPHA 0.32+-0.48 PCI/L HP, 735A  
 0 NONVOLATILE BETA 0.41+-1.43 PCI/L HP, 735A  
 2 TRITIUM 261+-2.29 PCI/ML HP, 735A

## WELL KSB 2

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/18/88 TIME 1550  
 DEPTH TO WATER = 59.89 FT ( 18.25 M) BELOW THE TOC  
 WATER ELEVATION = 205.91 FT ( 62.76 M) MSL  
 PH = 4.4 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 29 UMHOS/CM  
 WATER TEMPERATURE = 21.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 94 GAL

## LABORATORY ANALYSES

0 GROSS ALPHA 0.21+-0.43 PCI/L HP, 735A  
 0 NONVOLATILE BETA 1.14+-1.51 PCI/L HP, 735A  
 2 TRITIUM 38.71+-0.96 PCI/ML HP, 735A

## WELL KSB 3

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/18/88 TIME 1615  
 DEPTH TO WATER = 56.25 FT ( 17.15 M) BELOW THE TOC  
 WATER ELEVATION = 205.25 FT ( 62.56 M) MSL  
 PH = 4.4 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 41 UMHOS/CM  
 WATER TEMPERATURE = 21.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 94 GAL

## LABORATORY ANALYSES

0 GROSS ALPHA 1.06+-0.74 PCI/L HP, 735A  
 0 NONVOLATILE BETA 3.01+-1.70 PCI/L HP, 735A  
 2 TRITIUM 149+-1.75 PCI/ML HP, 735A

## WELL KSB 4A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/18/88 TIME 1700  
 DEPTH TO WATER = 58.56 FT ( 17.85 M) BELOW THE TOC  
 WATER ELEVATION = 205.54 FT ( 62.65 M) MSL  
 PH = 4.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 30 UMHOS/CM  
 WATER TEMPERATURE = 23.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 94 GAL

## LABORATORY ANALYSES

0 GROSS ALPHA 0.74+-0.64 PCI/L HP, 735A  
 0 NONVOLATILE BETA 0.41+-1.43 PCI/L HP, 735A  
 2 TRITIUM 327+-2.55 PCI/ML HP, 735A

## WELL KSS 1D

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/07/88 TIME 1715  
 DEPTH TO WATER = 58.84 FT ( 17.93 M) BELOW THE TOC  
 WATER ELEVATION = 170.91 FT ( 52.09 M) MSL  
 PH = 6.5 ALKALINITY = 28 MG/L  
 SPECIFIC CONDUCTANCE = 110 UMHOS/CM  
 WATER TEMPERATURE = 19.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 45 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	112.0 UMHC	ENV. ENG.
0	PH	6.31 PH	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
0	BARIUM	11 UG/L	ENV. ENG.
1	CALCIUM	11800 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHLORIDE	3500 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	COPPER	11 UG/L	ENV. ENG.
0	ENDRIN	LT 0.10 UG/L	ENV. ENG.
1	FLUORIDE	1000 UG/L	ENV. ENG.
0	IRON	LT 20 UG/L	ENV. ENG.
0	MERCURY	LT 0.20 UG/L	ENV. ENG.
0	POTASSIUM	636 UG/L	ENV. ENG.
0	LINDANE	LT 0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT 0.50 UG/L	ENV. ENG.
0	MAGNESIUM	432 UG/L	ENV. ENG.
2	MANGANESE	91 UG/L	ENV. ENG.
0	SODIUM	4650 UG/L	ENV. ENG.
0	NICKEL	LT 4 UG/L	ENV. ENG.
0	NITRITE AS NITROGEN	LT 50 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	550 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
1	SILICA	7320 UG/L	ENV. ENG.
0	SILVEX	LT 0.09 UG/L	ENV. ENG.
0	SULFATE	LT 5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	88000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	94000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT 5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT 90 UG/L	ENV. ENG.
0	TOXAPHENE	LT 1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXACETIC ACID	LT 0.30 UG/L	ENV. ENG.
0	GROSS ALPHA	0.95+-0.56 PCI/L	HP, 735A
0	GROSS ALPHA	LT 3 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	1.14+-0.81 PCI/L	HP, 735A
0	NONVOLATILE BETA	LT 2 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT 1 PCI/L	RAD. MEAS.
0	TRITIUM	3.06+-0.43 PCI/ML	HP, 735A
0	TRITIUM	2.53+-0.27 PCI/ML	RAD. MEAS.

## WELL KSS 20

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/08/88 TIME 1435  
 DEPTH TO WATER = 51.60 FT ( 9.63 M) BELOW THE TOC  
 WATER ELEVATION = 160.65 FT ( 48.97 M) MSL  
 PH = 6.3 ALKALINITY = 8 MG/L  
 SPECIFIC CONDUCTANCE = 64 UMHOS/CM  
 WATER TEMPERATURE = 18.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 10 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	68.00 UMHC	ENV. ENG.
0	PH	5.66 PH	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
0	BARIUM	LT 4 UG/L	ENV. ENG.
0	CALCIUM	LT 714 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHLORIDE	LT 2800 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	COPPER	LT 4 UG/L	ENV. ENG.
0	ENDRIN	LT 0.10 UG/L	ENV. ENG.
0	FLUORIDE	LT 100 UG/L	ENV. ENG.
0	IRON	LT 20 UG/L	ENV. ENG.
0	MERCURY	LT 0.20 UG/L	ENV. ENG.
0	POTASSIUM	LT 500 UG/L	ENV. ENG.
0	LINDANE	LT 0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT 0.50 UG/L	ENV. ENG.
0	MAGNESIUM	LT 119 UG/L	ENV. ENG.
1	MANGANESE	LT 29 UG/L	ENV. ENG.
1	SODIUM	LT 12300 UG/L	ENV. ENG.
0	NICKEL	LT 5 UG/L	ENV. ENG.
0	NITRITE AS NITROGEN	LT 50 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	LT 200 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
1	PHENOL	LT 28 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
1	SILICA	LT 10800 UG/L	ENV. ENG.
0	SILVEX	LT 0.09 UG/L	ENV. ENG.
1	SULFATE	LT 10200 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	LT 84000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 3600 UG/L	ENV. ENG.
1	TOTAL ORGANIC HALOGENS	LT 18 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT 60 UG/L	ENV. ENG.
0	TOXAPHENE	LT 1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXACETIC ACID	LT 0.30 UG/L	ENV. ENG.
0	GROSS ALPHA	0.96+-0.71 PCI/L	HP, 735A
0	GROSS ALPHA	LT 3 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	2.20+-1.08 PCI/L	HP, 735A
0	NONVOLATILE BETA	LT 2 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	1.43+-0.63 PCI/L	RAD. MEAS.
0	TRITIUM	1.70+-0.45 PCI/ML	HP, 735A
0	TRITIUM	0.37+-0.24 PCI/ML	RAD. MEAS.

## WELL KSS 30

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/08/88 TIME 1025  
 DEPTH TO WATER = 25.19 FT ( 7.68 M) BELOW THE TOC  
 WATER ELEVATION = 159.98 FT ( 48.76 M) MSL  
 PH = 6.7 ALKALINITY = 40 MG/L  
 SPECIFIC CONDUCTANCE = 98 UMHOS/CM  
 WATER TEMPERATURE = 18.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 62 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	101.0 UMHC	ENV. ENG.
1	PH	6.60 PH	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
0	BARIUM	LT 10 UG/L	ENV. ENG.
1	CALCIUM	LT 17200 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHLORIDE	LT 2700 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	COPPER	LT 9 UG/L	ENV. ENG.
0	ENDRIN	LT 0.10 UG/L	ENV. ENG.
0	FLUORIDE	LT 100 UG/L	ENV. ENG.
0	IRON	LT 20 UG/L	ENV. ENG.
0	MERCURY	LT 0.20 UG/L	ENV. ENG.
0	POTASSIUM	LT 500 UG/L	ENV. ENG.
0	LINDANE	LT 0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT 0.50 UG/L	ENV. ENG.
0	MAGNESIUM	LT 419 UG/L	ENV. ENG.
1	MANGANESE	LT 45 UG/L	ENV. ENG.
0	SODIUM	LT 1970 UG/L	ENV. ENG.
0	NICKEL	LT 4 UG/L	ENV. ENG.
0	NITRITE AS NITROGEN	LT 50 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	LT 390 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
1	SILICA	LT 7470 UG/L	ENV. ENG.
1	SILICA	LT 7440 UG/L	ENV. ENG.
0	SILVEX	LT 0.09 UG/L	ENV. ENG.
0	SULFATE	LT 5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	LT 82000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT 5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT 20 UG/L	ENV. ENG.
0	TOXAPHENE	LT 1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXACETIC ACID	LT 0.30 UG/L	ENV. ENG.

CONTINUED

## WELL KSS 30 COLLECTED ON 12/08/88 LABORATORY ANALYSES CONTINUED

0	GROSS ALPHA	0.61+-0.54 PCI/L	HP, 735A
0	GROSS ALPHA	LT 3 PCI/L	RAD. MEAS.
0	GROSS ALPHA	LT 3 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	0.57+-0.79 PCI/L	HP, 735A
0	NONVOLATILE BETA	LT 2 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	LT 2 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT 1 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT 1 PCI/L	RAD. MEAS.
0	TRITIUM	4.34+-0.50 PCI/ML	HP, 735A
0	TRITIUM	2.77+-0.28 PCI/ML	RAD. MEAS.
0	TRITIUM	2.92+-0.28 PCI/ML	RAD. MEAS.

## WELL LAC 1

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/08/88 TIME 1405  
 DEPTH TO WATER = 25.52 FT ( 7.78 M) BELOW THE TOC  
 WATER ELEVATION = 212.68 FT ( 64.83 M) MSL  
 PH = 4.5 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 33 UMHOS/CM  
 WATER TEMPERATURE = 20.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 57 GAL

## WELL LAC 2

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/08/88 TIME 1420  
 DEPTH TO WATER = 26.89 FT ( 8.20 M) BELOW THE TOC  
 WATER ELEVATION = 213.31 FT ( 65.02 M) MSL  
 PH = 4.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 32 UMHOS/CM  
 WATER TEMPERATURE = 21.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 52 GAL

## WELL LAC 3

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/08/88 TIME 1455  
 DEPTH TO WATER = 26.74 FT ( 7.54 M) BELOW THE TOC  
 WATER ELEVATION = 213.06 FT ( 64.94 M) MSL  
 PH = 9.3 ALKALINITY = 98 MG/L  
 SPECIFIC CONDUCTANCE = 261 UMHOS/CM  
 WATER TEMPERATURE = 21.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 59 GAL

## WELL LAC 4

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/08/88 TIME 1345  
 DEPTH TO WATER = 24.21 FT ( 7.38 M) BELOW THE TOC  
 WATER ELEVATION = 212.89 FT ( 64.89 M) MSL  
 PH = 6.4 ALKALINITY = 63 MG/L  
 SPECIFIC CONDUCTANCE = 244 UMHOS/CM  
 WATER TEMPERATURE = 21.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 73 GAL

## WELL LCO 1

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/09/88 TIME 1310  
 DEPTH TO WATER = 29.58 FT ( 9.02 M) BELOW THE TOC  
 WATER ELEVATION = 211.12 FT ( 64.35 M) MSL  
 PH = 5.6 ALKALINITY = 9 MG/L  
 SPECIFIC CONDUCTANCE = 81 UMHOS/CM  
 WATER TEMPERATURE = 20.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 17 GAL  
 THE WELL WENT DRY DURING PURGING.

WELL LCO 2

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/08/88 TIME 1500  
 DEPTH TO WATER = 28.44 FT ( 8.67 M) BELOW THE TOC  
 WATER ELEVATION = 213.16 FT ( 64.97 M) MSL  
 PH = 4.1 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 82 UMHOS/CM  
 WATER TEMPERATURE = 21.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 43 GAL

WELL LCO 3

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/08/88 TIME 1500  
 DEPTH TO WATER = 28.65 FT ( 8.73 M) BELOW THE TOC  
 WATER ELEVATION = 212.75 FT ( 64.85 M) MSL  
 PH = 9.5 ALKALINITY = 162 MG/L  
 SPECIFIC CONDUCTANCE = 371 UMHOS/CM  
 WATER TEMPERATURE = 21.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 43 GAL

WELL LCO 4

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/08/88 TIME 1525  
 DEPTH TO WATER = 28.65 FT ( 8.73 M) BELOW THE TOC  
 WATER ELEVATION = 208.57 FT ( 63.57 M) MSL  
 PH = 4.5 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 1034 UMHOS/CM  
 WATER TEMPERATURE = 20.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 43 GAL

WELL LDB 1

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/27/88 TIME 1330  
 DEPTH TO WATER = 39.49 FT ( 12.04 M) BELOW THE TOC  
 WATER ELEVATION = 213.41 FT ( 65.05 M) MSL  
 PH = 4.2 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 45 UMHOS/CM  
 WATER TEMPERATURE = 21.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 17 GAL  
 THE WELL WENT DRY DURING PURGING.

WELL LDB 2

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/27/88 TIME 1320  
 DEPTH TO WATER = 38.41 FT ( 11.71 M) BELOW THE TOC  
 WATER ELEVATION = 213.49 FT ( 65.07 M) MSL  
 PH = 4.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 69 UMHOS/CM  
 WATER TEMPERATURE = 21.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 20 GAL  
 THE WELL WENT DRY DURING PURGING.

WELL LFM 6

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/24/88 TIME 1030  
 DEPTH TO WATER = 20.14 FT ( 6.14 M) BELOW THE TOC  
 WATER ELEVATION = 151.56 FT ( 46.20 M) MSL  
 PH = 6.3 ALKALINITY = 94 MG/L  
 SPECIFIC CONDUCTANCE = 234 UMHOS/CM  
 WATER TEMPERATURE = 19.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 30 GAL

WELL LFM 7

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/25/88 TIME 1755  
 DEPTH TO WATER = 21.36 FT ( 6.51 M) BELOW THE TOC  
 WATER ELEVATION = 150.04 FT ( 45.73 M) MSL  
 PH = 6.5 ALKALINITY = 293 MG/L  
 SPECIFIC CONDUCTANCE = 752 UMHOS/CM  
 WATER TEMPERATURE = 19.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 28 GAL

WELL LFM 8

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/25/88 TIME 1735  
 DEPTH TO WATER = 22.43 FT ( 6.84 M) BELOW THE TOC  
 WATER ELEVATION = 148.07 FT ( 45.13 M) MSL  
 PH = 6.7 ALKALINITY = 167 MG/L  
 SPECIFIC CONDUCTANCE = 434 UMHOS/CM  
 WATER TEMPERATURE = 19.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 25 GAL

WELL LFM 10A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/25/88 TIME 1715  
 DEPTH TO WATER = 25.03 FT ( 7.63 M) BELOW THE TOC  
 WATER ELEVATION = 150.47 FT ( 45.86 M) MSL  
 PH = 4.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 22 UMHOS/CM  
 WATER TEMPERATURE = 22.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 58 GAL

WELL LFM 16

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/25/88 TIME 1655  
 DEPTH TO WATER = 26.54 FT ( 8.09 M) BELOW THE TOC  
 WATER ELEVATION = 152.26 FT ( 46.41 M) MSL  
 PH = 4.6 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 37 UMHOS/CM  
 WATER TEMPERATURE = 20.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 56 GAL

WELL LFM 17

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/24/88 TIME 945  
 DEPTH TO WATER = 25.79 FT ( 7.86 M) BELOW THE TOC  
 WATER ELEVATION = 152.01 FT ( 46.33 M) MSL  
 PH = 6.6 ALKALINITY = 91 MG/L  
 SPECIFIC CONDUCTANCE = 259 UMHOS/CM  
 WATER TEMPERATURE = 19.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 63 GAL

WELL LFM 18

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/24/88 TIME 1010  
 DEPTH TO WATER = 23.04 FT ( 7.02 M) BELOW THE TOC  
 WATER ELEVATION = 152.36 FT ( 46.44 M) MSL  
 PH = 6.7 ALKALINITY = 86 MG/L  
 SPECIFIC CONDUCTANCE = 235 UMHOS/CM  
 WATER TEMPERATURE = 20.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 60 GAL

## WELL LFM 19

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/26/88 TIME 1045  
 DEPTH TO WATER = 23.41 FT ( 7.14 M) BELOW THE TOC  
 WATER ELEVATION = 153.29 FT ( 46.72 M) MSL  
 PH = 5.1 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 23 UMHOS/CM  
 WATER TEMPERATURE = 18.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 62 GAL

## WELL LFM 20

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/24/88 TIME 925  
 DEPTH TO WATER = 25.01 FT ( 7.62 M) BELOW THE TOC  
 WATER ELEVATION = 155.89 FT ( 47.52 M) MSL  
 PH = 5.0 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 24 UMHOS/CM  
 WATER TEMPERATURE = 19.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 56 GAL

## WELL LFM 21

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/26/88 TIME 1110  
 DEPTH TO WATER = 27.62 FT ( 8.42 M) BELOW THE TOC  
 WATER ELEVATION = 148.58 FT ( 45.17 M) MSL  
 PH = 4.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 113 UMHOS/CM  
 WATER TEMPERATURE = 19.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 52 GAL

## WELL LFM 22

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/26/88 TIME 1405  
 DEPTH TO WATER = 25.99 FT ( 7.92 M) BELOW THE TOC  
 WATER ELEVATION = 148.21 FT ( 45.17 M) MSL  
 PH = 4.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 17 UMHOS/CM  
 WATER TEMPERATURE = 19.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 68 GAL

## LABORATORY ANALYSES

0	BROMODICHLOROMETHANE	LT	5 UG/L	ENV. ENG.
1	TRICHLOROFUOROMETHANE		17 UG/L	ENV. ENG.
0	CARBON TETRACHLORIDE	LT	5.00 UG/L	ENV. ENG.
0	BROMOFORM	LT	10 UG/L	ENV. ENG.
0	CHLOROFORM	LT	5 UG/L	ENV. ENG.
0	METHYLENE CHLORIDE	LT	5 UG/L	ENV. ENG.
0	BROMOMETHANE	LT	10 UG/L	ENV. ENG.
0	CHLOROMETHANE	LT	10 UG/L	ENV. ENG.
0	CHLOROBENZENE	LT	5 UG/L	ENV. ENG.
0	CHLOROETHENE	LT	10 UG/L	ENV. ENG.
0	CHLOROETHANE	LT	10 UG/L	ENV. ENG.
0	BENZENE	LT	5 UG/L	ENV. ENG.
0	DIBROMOCHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0	ETHYLBENZENE	LT	5 UG/L	ENV. ENG.
0	TOLUENE	LT	5 UG/L	ENV. ENG.
0	1,1,2,2-TETRACHLOROETHANE	LT	10 UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	LT	5.00 UG/L	ENV. ENG.
0	TRICHLOROETHYLENE	LT	5.00 UG/L	ENV. ENG.
0	TRANS-1,2-DICHLOROETHENE	LT	5 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	5 UG/L	ENV. ENG.
0	1,1,1-TRICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,1,2-TRICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,2-DICHLOROETHANE	LT	1 UG/L	ENV. ENG.
0	1,2-DICHLOROPROPANE	LT	10 UG/L	ENV. ENG.
0	CIS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0	TRANS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0	2-CHLOROETHYL VINYL ETHER	LT	10 UG/L	ENV. ENG.

## WELL LFM 23

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/26/88 TIME 1130  
 DEPTH TO WATER = 23.46 FT ( 7.15 M) BELOW THE TOC  
 WATER ELEVATION = 148.34 FT ( 45.21 M) MSL  
 PH = 4.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 24 UMHOS/CM  
 WATER TEMPERATURE = 19.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 62 GAL

## WELL LFM 24

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/26/88 TIME 1150  
 DEPTH TO WATER = 21.02 FT ( 6.41 M) BELOW THE TOC  
 WATER ELEVATION = 150.28 FT ( 45.81 M) MSL  
 PH = 4.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 19 UMHOS/CM  
 WATER TEMPERATURE = 19.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 68 GAL

## WELL LFM 25

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/26/88 TIME 1220  
 DEPTH TO WATER = 21.89 FT ( 6.67 M) BELOW THE TOC  
 WATER ELEVATION = 152.81 FT ( 46.58 M) MSL  
 PH = 4.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 19 UMHOS/CM  
 WATER TEMPERATURE = 19.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 79 GAL

## WELL LFM 26

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/25/88 TIME 1600  
 DEPTH TO WATER = 28.58 FT ( 8.71 M) BELOW THE TOC  
 WATER ELEVATION = 158.32 FT ( 48.26 M) MSL  
 PH = 5.4 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 14 UMHOS/CM  
 WATER TEMPERATURE = 19.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 51 GAL

## WELL LFM 27

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/18/88 TIME 1230  
 DEPTH TO WATER = 30.74 FT ( 9.37 M) BELOW THE TOC  
 WATER ELEVATION = 158.86 FT ( 48.42 M) MSL  
 PH = 5.1 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 15 UMHOS/CM  
 WATER TEMPERATURE = 18.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 42 GAL

## LABORATORY ANALYSES

0	ENDRIN	LT	0.10 UG/L	ENV. LAB.
0	ENDRIN	LT	0.10 UG/L	M. A.
0	ENDRIN	LT	0.10 UG/L	ENV. ENG.
0	LINDANE	LT	0.10 UG/L	ENV. LAB.
0	LINDANE	LT	0.05 UG/L	M. A.
0	LINDANE	LT	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.20 UG/L	ENV. LAB.
0	METHOXYCHLOR	LT	0.51 UG/L	M. A.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0	SILVEX	LT	0.10 UG/L	ENV. LAB.
0	SILVEX	LT	0.54 UG/L	M. A.
0	SILVEX	LT	0.09 UG/L	ENV. ENG.
0	SILVEX	LT	0.09 UG/L	ENV. ENG.
0	TOXAPHENE	LT	0.50 UG/L	ENV. LAB.
0	TOXAPHENE	LT	1 UG/L	M. A.
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.50 UG/L	ENV. LAB.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	1 UG/L	M. A.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L	ENV. ENG.
0	2,4,5-TRICHLOROPHENOXYACETIC ACID	LT	0.54 UG/L	M. A.

## WELL LFM 27

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/18/88 TIME 1230  
 DEPTH TO WATER = 30.74 FT ( 9.37 M) BELOW THE TOC  
 WATER ELEVATION = 158.86 FT ( 48.42 M) MSL  
 PH = 5.1 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 15 UMHOS/CM  
 WATER TEMPERATURE = 18.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 42 GAL

## LABORATORY ANALYSES

0	ENDRIN	LT	0.10 UG/L	ENV. ENG.
0	LINDANE	LT	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0	SILVEX	LT	0.09 UG/L	ENV. ENG.
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L	ENV. ENG.

## WELL LFM 28

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/26/88 TIME 1550  
 DEPTH TO WATER = 32.38 FT ( 9.87 M) BELOW THE TOC  
 WATER ELEVATION = 160.42 FT ( 48.90 M) MSL  
 PH = 5.5 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 23 UMHOS/CM  
 WATER TEMPERATURE = 18.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 26 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

0	ENDRIN	LT	0.10 UG/L	ENV. ENG.
0	LINDANE	LT	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0	SILVEX	LT	0.09 UG/L	ENV. ENG.
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L	ENV. ENG.

## WELL LFM 29

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/26/88 TIME 1225  
 DEPTH TO WATER = 34.10 FT ( 10.39 M) BELOW THE TOC  
 WATER ELEVATION = 161.60 FT ( 49.26 M) MSL  
 PH = 4.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 24 UMHOS/CM  
 WATER TEMPERATURE = 17.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 48 GAL

## LABORATORY ANALYSES

0	ENDRIN	LT	0.10 UG/L	ENV. ENG.
0	LINDANE	LT	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0	SILVEX	LT	0.09 UG/L	ENV. ENG.
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L	ENV. ENG.

## WELL LFM 30

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/26/88 TIME 1310  
 DEPTH TO WATER = 48.72 FT ( 14.85 M) BELOW THE TOC  
 WATER ELEVATION = 162.08 FT ( 49.40 M) MSL  
 PH = 6.1 ALKALINITY = 9 MG/L  
 SPECIFIC CONDUCTANCE = 30 UMHOS/CM  
 WATER TEMPERATURE = 17.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 45 GAL

## LABORATORY ANALYSES

0	ENDRIN	LT	0.10 UG/L	ENV. ENG.
0	LINDANE	LT	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0	SILVEX	LT	0.09 UG/L	ENV. ENG.
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L	ENV. ENG.

## WELL LFM 31

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/26/88 TIME 1330  
 DEPTH TO WATER = 68.45 FT ( 20.86 M) BELOW THE TOC  
 WATER ELEVATION = 161.27 FT ( 49.16 M) MSL  
 PH = 5.5 ALKALINITY = 2 MG/L  
 SPECIFIC CONDUCTANCE = 18 UMHOS/CM  
 WATER TEMPERATURE = 17.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 43 GAL

## LABORATORY ANALYSES

0	ENDRIN	LT	0.10 UG/L	ENV. ENG.
0	LINDANE	LT	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0	SILVEX	LT	0.09 UG/L	ENV. ENG.
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L	ENV. ENG.

## WELL LFM 32

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/25/88 TIME 1715  
 DEPTH TO WATER = 64.74 FT ( 19.73 M) BELOW THE TOC  
 WATER ELEVATION = 159.36 FT ( 48.57 M) MSL  
 PH = 5.3 ALKALINITY = 2 MG/L  
 SPECIFIC CONDUCTANCE = 20 UMHOS/CM  
 WATER TEMPERATURE = 17.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 42 GAL

## LABORATORY ANALYSES

0	ENDRIN	LT	0.10 UG/L	ENV. ENG.
0	LINDANE	LT	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0	SILVEX	LT	0.09 UG/L	ENV. ENG.
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L	ENV. ENG.

## WELL LFM 33

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/25/88 TIME 1655  
 DEPTH TO WATER = 55.86 FT ( 17.03 M) BELOW THE TOC  
 WATER ELEVATION = 158.24 FT ( 48.23 M) MSL  
 PH = 5.5 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 19 UMHOS/CM  
 WATER TEMPERATURE = 18.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 39 GAL

## LABORATORY ANALYSES

0	ENDRIN	LT	0.10 UG/L	ENV. ENG.
0	LINDANE	LT	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0	SILVEX	LT	0.09 UG/L	ENV. ENG.
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L	ENV. ENG.

## WELL LFM 34

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/25/88 TIME 1640  
 DEPTH TO WATER = 44.37 FT ( 13.52 M) BELOW THE TOC  
 WATER ELEVATION = 157.03 FT ( 47.86 M) MSL  
 PH = 5.0 ALKALINITY = 2 MG/L  
 SPECIFIC CONDUCTANCE = 21 UMHOS/CM  
 WATER TEMPERATURE = 18.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 35 GAL

## LABORATORY ANALYSES

0	ENDRIN	LT	0.10 UG/L	ENV. ENG.
0	LINDANE	LT	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0	SILVEX	LT	0.09 UG/L	ENV. ENG.
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L	ENV. ENG.



## WELL LFM 35

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/25/88 TIME 1620  
 DEPTH TO WATER = 28.07 FT ( 8.56 M) BELOW THE TOC  
 WATER ELEVATION = 156.03 FT ( 47.56 M) MSL  
 PH = 5.4 ALKALINITY = 2 MG/L  
 SPECIFIC CONDUCTANCE = 16 UMHOS/CM  
 WATER TEMPERATURE = 19.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 34 GAL

## LABORATORY ANALYSES

0	ENDRIN	LT	0.10 UG/L	ENV. ENG.
0	ENDRIN	LT	0.10 UG/L	ENV. ENG.
0	LINDANE	LT	0.05 UG/L	ENV. ENG.
0	LINDANE	LT	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0	SILVEX	LT	0.09 UG/L	ENV. ENG.
0	SILVEX	LT	1 UG/L	ENV. ENG.
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L	ENV. ENG.

## WELL LFM 36

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/18/88 TIME 1325  
 DEPTH TO WATER = 28.85 FT ( 8.79 M) BELOW THE TOC  
 WATER ELEVATION = 141.55 FT ( 43.14 M) MSL  
 PH = 6.0 ALKALINITY = 55 MG/L  
 SPECIFIC CONDUCTANCE = 255 UMHOS/CM  
 WATER TEMPERATURE = 19.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 42 GAL

## LABORATORY ANALYSES

0	ENDRIN	LT	0.10 UG/L	ENV. LAB.
0	ENDRIN	LT	0.10 UG/L	ENV. LAB.
0	ENDRIN	LT	0.10 UG/L	ENV. LAB.
0	LINDANE	LT	0.10 UG/L	ENV. LAB.
0	LINDANE	LT	0.05 UG/L	ENV. LAB.
0	LINDANE	LT	0.05 UG/L	ENV. LAB.
0	METHOXYCHLOR	LT	0.20 UG/L	ENV. LAB.
0	METHOXYCHLOR	LT	0.51 UG/L	ENV. LAB.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0	SILVEX	LT	0.10 UG/L	ENV. LAB.
0	SILVEX	LT	0.53 UG/L	ENV. LAB.
0	SILVEX	LT	0.09 UG/L	ENV. ENG.
0	TOXAPHENE	LT	0.50 UG/L	ENV. LAB.
0	TOXAPHENE	LT	1 UG/L	ENV. LAB.
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.50 UG/L	ENV. LAB.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	1 UG/L	ENV. LAB.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L	ENV. ENG.
0	2,4,5-TRICHLOROPHENOXYACETIC ACID	LT	0.53 UG/L	ENV. LAB.

## WELL LFM 36

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/18/88 TIME 1325  
 DEPTH TO WATER = 28.85 FT ( 8.79 M) BELOW THE TOC  
 WATER ELEVATION = 141.55 FT ( 43.14 M) MSL  
 PH = 6.0 ALKALINITY = 55 MG/L  
 SPECIFIC CONDUCTANCE = 255 UMHOS/CM  
 WATER TEMPERATURE = 19.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 42 GAL

## LABORATORY ANALYSES

0	ENDRIN	LT	0.10 UG/L	ENV. ENG.
0	LINDANE	LT	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
1	SILVEX	LT	0.10 UG/L	ENV. ENG.
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L	ENV. ENG.

## WELL LFM 37

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/26/88 TIME 1535  
 DEPTH TO WATER = 28.14 FT ( 8.58 M) BELOW THE TOC  
 WATER ELEVATION = 141.76 FT ( 43.21 M) MSL  
 PH = 4.8 ALKALINITY = 2 MG/L  
 SPECIFIC CONDUCTANCE = 66 UMHOS/CM  
 WATER TEMPERATURE = 18.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 34 GAL

## LABORATORY ANALYSES

0	ENDRIN	LT	0.10 UG/L	ENV. ENG.
0	LINDANE	LT	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0	SILVEX	LT	0.09 UG/L	ENV. ENG.
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L	ENV. ENG.

## WELL LFM 38

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/26/88 TIME 1520  
 DEPTH TO WATER = 28.56 FT ( 8.71 M) BELOW THE TOC  
 WATER ELEVATION = 141.74 FT ( 43.20 M) MSL  
 PH = 4.6 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 32 UMHOS/CM  
 WATER TEMPERATURE = 19.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 32 GAL

## LABORATORY ANALYSES

0	ENDRIN	LT	0.10 UG/L	ENV. ENG.
0	LINDANE	LT	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0	SILVEX	LT	0.09 UG/L	ENV. ENG.
0	SILVEX	LT	0.09 UG/L	ENV. ENG.
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L	ENV. ENG.

## WELL LFM 39

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/26/88 TIME 1455  
 DEPTH TO WATER = 29.62 FT ( 9.03 M) BELOW THE TOC  
 WATER ELEVATION = 141.78 FT ( 43.22 M) MSL  
 PH = 5.3 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 13 UMHOS/CM  
 WATER TEMPERATURE = 18.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 41 GAL

## LABORATORY ANALYSES

0	ENDRIN	LT	0.10 UG/L	ENV. ENG.
0	LINDANE	LT	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0	SILVEX	LT	0.09 UG/L	ENV. ENG.
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L	ENV. ENG.

## WELL LFM 40

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/26/88 TIME 1440  
 DEPTH TO WATER = 29.76 FT ( 9.07 M) BELOW THE TOC  
 WATER ELEVATION = 141.24 FT ( 43.05 M) MSL  
 PH = 5.5 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 15 UMHOS/CM  
 WATER TEMPERATURE = 18.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 35 GAL

## LABORATORY ANALYSES

0	ENDRIN	LT	0.10 UG/L	ENV. ENG.
0	LINDANE	LT	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0	SILVEX	LT	0.09 UG/L	ENV. ENG.
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L	ENV. ENG.

## WELL LFM 41

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/26/88 TIME 1420  
 DEPTH TO WATER = 28.42 FT ( 8.66 M) BELOW THE TOC  
 WATER ELEVATION = 142.08 FT ( 43.31 M) MSL  
 PH = 5.4 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 15 UMHOS/CM  
 WATER TEMPERATURE = 18.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 40 GAL

## LABORATORY ANALYSES

0	ENDRIN	LT	0.10 UG/L	ENV. ENG.
0	ENDRIN	LT	0.10 UG/L	ENV. ENG.
0	LINDANE	LT	0.05 UG/L	ENV. ENG.
0	LINDANE	LT	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0	SILVEX	LT	0.09 UG/L	ENV. ENG.
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L	ENV. ENG.

## WELL LFM 42

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/18/88 TIME 1255  
 DEPTH TO WATER = 25.71 FT ( 7.84 M) BELOW THE TOC  
 WATER ELEVATION = 144.39 FT ( 44.01 M) MSL  
 PH = 5.2 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 15 UMHOS/CM  
 WATER TEMPERATURE = 19.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 45 GAL

## LABORATORY ANALYSES

0	ENDRIN	LT	0.10 UG/L	ENM. LAB.
0	ENDRIN	LT	0.10 UG/L	M. A.
0	ENDRIN	LT	0.10 UG/L	ENV. ENG.
0	LINDANE	LT	0.10 UG/L	ENM. LAB.
0	LINDANE	LT	0.05 UG/L	M. A.
0	LINDANE	LT	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.20 UG/L	ENM. LAB.
0	METHOXYCHLOR	LT	0.51 UG/L	M. A.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0	SILVEX	LT	0.10 UG/L	ENM. LAB.
0	SILVEX	LT	0.54 UG/L	M. A.
0	SILVEX	LT	0.09 UG/L	ENV. ENG.
0	TOXAPHENE	LT	0.50 UG/L	ENM. LAB.
0	TOXAPHENE	LT	1 UG/L	M. A.
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.50 UG/L	ENM. LAB.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	1 UG/L	M. A.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L	ENV. ENG.
0	2,4,6-TRICHLOROPHENOXYACETIC ACID	LT	0.54 UG/L	M. A.

## WELL LFM 42

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/18/88 TIME 1255  
 DEPTH TO WATER = 25.71 FT ( 7.84 M) BELOW THE TOC  
 WATER ELEVATION = 144.39 FT ( 44.01 M) MSL  
 PH = 5.2 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 15 UMHOS/CM  
 WATER TEMPERATURE = 19.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 45 GAL

## LABORATORY ANALYSES

0	ENDRIN	LT	0.10 UG/L	ENV. ENG.
0	ENDRIN	LT	0.10 UG/L	ENV. ENG.
0	LINDANE	LT	0.05 UG/L	ENV. ENG.
0	LINDANE	LT	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0	SILVEX	LT	0.09 UG/L	ENV. ENG.
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L	ENV. ENG.

## WELL LRP 1

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/10/88 TIME 1745  
 DEPTH TO WATER = 47.34 FT ( 14.43 M) BELOW THE TOC  
 WATER ELEVATION = 205.56 FT ( 62.66 M) MSL  
 PH = 4.5 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 20 UMHOS/CM  
 WATER TEMPERATURE = 18.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 52 GAL

## WELL LRP 2

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/18/88 TIME 1805  
 DEPTH TO WATER = 49.82 FT ( 15.19 M) BELOW THE TOC  
 WATER ELEVATION = 206.88 FT ( 63.06 M) MSL  
 PH = 4.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 31 UMHOS/CM  
 WATER TEMPERATURE = 19.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 58 GAL

## WELL LRP 3

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/18/88 TIME 1825  
 DEPTH TO WATER = 52.27 FT ( 15.93 M) BELOW THE TOC  
 WATER ELEVATION = 205.93 FT ( 62.77 M) MSL  
 PH = 4.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 32 UMHOS/CM  
 WATER TEMPERATURE = 19.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 38 GAL

## WELL LRP 4

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/18/88 TIME 1725  
 DEPTH TO WATER = 50.15 FT ( 15.29 M) BELOW THE TOC  
 WATER ELEVATION = 205.45 FT ( 62.62 M) MSL  
 PH = 4.6 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 27 UMHOS/CM  
 WATER TEMPERATURE = 19.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 84 GAL

## WELL LSB 1

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/11/88 TIME 1605  
 DEPTH TO WATER = 25.35 FT ( 7.73 M) BELOW THE TOC  
 WATER ELEVATION = 207.35 FT ( 63.20 M) MSL  
 PH = 4.5 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 17 UMHOS/CM  
 WATER TEMPERATURE = 20.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 39 GAL

## LABORATORY ANALYSES

0	GROSS ALPHA	0.96+-0.67 PCI/L	HP, 735A
0	GROSS ALPHA	1.26+-0.53 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	7.10+-1.62 PCI/L	HP, 735A
0	NONVOLATILE BETA	LT 2 PCI/L	RAD. MEAS.
2	TRITIUM	1961+-6.13 PCI/ML	HP, 735A
2	TRITIUM	1864+-42.2 PCI/ML	RAD. MEAS.

## WELL LSB 2

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/11/88 TIME 1540  
 DEPTH TO WATER = 27.08 FT ( 8.25 M) BELOW THE TOC  
 WATER ELEVATION = 208.12 FT ( 63.44 M) MSL  
 PH = 4.2 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 32 UMHOS/CM  
 WATER TEMPERATURE = 22.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 35 GAL

## LABORATORY ANALYSES

0	GROSS ALPHA	1.19+-0.70 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	1.48+-0.84 PCI/L	RAD. MEAS.
0	TRITIUM	4.28+-0.50 PCI/ML	RAD. MEAS.

## WELL LSB 3

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/11/88 TIME 1420  
 DEPTH TO WATER = 23.92 FT ( 7.29 M) BELOW THE TOC  
 WATER ELEVATION = 212.48 FT ( 64.76 M) MSL  
 PH = 4.4 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 22 UMHOS/CM  
 WATER TEMPERATURE = 21.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 42 GAL

## LABORATORY ANALYSES

0	GROSS ALPHA	0.81+-0.64 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	LT 2 PCI/L	RAD. MEAS.
2	TRITIUM	34.50+-0.81 PCI/ML	RAD. MEAS.

## WELL LSB 4

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/11/88 TIME 1350  
 DEPTH TO WATER = 20.01 FT ( 6.10 M) BELOW THE TOC  
 WATER ELEVATION = 211.49 FT ( 64.46 M) MSL  
 PH = 4.1 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 35 UMHOS/CM  
 WATER TEMPERATURE = 21.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 53 GAL

## LABORATORY ANALYSES

0 GROSS ALPHA	0.63+-0.56 PCI/L	HP, 735A
0 GROSS ALPHA	1.61+-0.60 PCI/L	RAD. MEAS.
0 NONVOLATILE BETA	9.02+-1.82 PCI/L	HP, 735A
0 NONVOLATILE BETA	LT	2 PCI/L RAD. MEAS.
2 TRITIUM	3192+-7.82 PCI/ML	HP, 735A
2 TRITIUM	3059+-61.2 PCI/ML	RAD. MEAS.

## WELL MCB 2

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/06/88 TIME 900  
 DEPTH TO WATER = 107.95 FT ( 32.90 M) BELOW THE TOC  
 WATER ELEVATION = 220.45 FT ( 67.19 M) MSL  
 PH = 6.4 ALKALINITY = 14 MG/L  
 SPECIFIC CONDUCTANCE = 37 UMHOS/CM  
 WATER TEMPERATURE = 17.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 9 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

0 CHLOROFORM	LT	10 UG/L	M-AREA,SRS
2 TETRACHLOROETHYLENE		7.18 UG/L	M-AREA,SRS
2 TRICHLOROETHYLENE		82.4 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	10 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	10 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	10 UG/L	M-AREA,SRS

## WELL MCB 4

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/06/88 TIME 955  
 DEPTH TO WATER = 128.35 FT ( 39.12 M) BELOW THE TOC  
 WATER ELEVATION = 222.05 FT ( 67.68 M) MSL  
 PH = 5.4 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 13 UMHOS/CM  
 WATER TEMPERATURE = 17.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 5 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

0 CHLOROFORM	LT	10 UG/L	M-AREA,SRS
2 TETRACHLOROETHYLENE		25.3 UG/L	M-AREA,SRS
2 TRICHLOROETHYLENE		68.4 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	10 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	10 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	10 UG/L	M-AREA,SRS

## WELL MCB 5

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/06/88 TIME 935  
 DEPTH TO WATER = 117.38 FT ( 35.78 M) BELOW THE TOC  
 WATER ELEVATION = 222.22 FT ( 67.73 M) MSL  
 PH = 6.8 ALKALINITY = 18 MG/L  
 SPECIFIC CONDUCTANCE = 48 UMHOS/CM  
 WATER TEMPERATURE = 18.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 7 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

0 CHLOROFORM	LT	50 UG/L	M-AREA,SRS
2 TETRACHLOROETHYLENE		67.1 UG/L	M-AREA,SRS
2 TRICHLOROETHYLENE		474 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	50 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	50 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	50 UG/L	M-AREA,SRS

## WELL MCB 6

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/06/88 TIME 920  
 DEPTH TO WATER = 114.00 FT ( 34.75 M) BELOW THE TOC  
 WATER ELEVATION = 218.10 FT ( 66.48 M) MSL  
 PH = 6.5 ALKALINITY = 13 MG/L  
 SPECIFIC CONDUCTANCE = 35 UMHOS/CM  
 WATER TEMPERATURE = 16.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 4 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
1 TETRACHLOROETHYLENE		1.00 UG/L	M-AREA,SRS
1 TRICHLOROETHYLENE		2.49 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MGA 36

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1010  
 THE WELL WAS DRY.

## WELL MGC 9

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1200  
 DEPTH TO WATER = 56.20 FT ( 17.13 M) BELOW THE TOC  
 WATER ELEVATION = 227.90 FT ( 69.46 M) MSL  
 PH = 6.8  
 SPECIFIC CONDUCTANCE = 261 UMHOS/CM  
 WATER TEMPERATURE = 17.7 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA	0.89+-0.60 PCI/L	HP, 735A
0 NONVOLATILE BETA	0.85+-0.57 PCI/L	HP, 735A
2 TRITIUM	9682+- 148 PCI/ML	HP, 735A

## WELL MGC 11

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1210  
 THE WELL WAS DRY.

## WELL MGC 19

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1130  
 DEPTH TO WATER = 55.20 FT ( 16.83 M) BELOW THE TOC  
 WATER ELEVATION = 231.40 FT ( 70.53 M) MSL  
 PH = 6.9  
 SPECIFIC CONDUCTANCE = 207 UMHOS/CM  
 WATER TEMPERATURE = 17.3 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA	3.46+-1.34 PCI/L	HP, 735A
0 NONVOLATILE BETA	2.24+-1.11 PCI/L	HP, 735A
2 TRITIUM	38.87+-1.00 PCI/ML	HP, 735A

WELL MGC 23

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1110  
THE WELL HAS DRY.

WELL MGC 32

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1020  
DEPTH TO WATER = 54.20 FT ( 16.52 M) BELOW THE TOC  
WATER ELEVATION = 243.80 FT ( 74.31 M) MSL  
PH = 5.2  
SPECIFIC CONDUCTANCE = 59 UMHOS/CM  
WATER TEMPERATURE = 15.0 DEGREES CELSIUS  
NO WATER HAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

LABORATORY ANALYSES

0 GROSS ALPHA	2.70+-0.91 PCI/L HP, 735A
0 NONVOLATILE BETA	6.14+-1.34 PCI/L HP, 735A
2 TRITIUM	3020+-25.4 PCI/ML HP, 735A

WELL MGC 36

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1000  
DEPTH TO WATER = 61.30 FT ( 18.68 M) BELOW THE TOC  
WATER ELEVATION = 235.30 FT ( 71.72 M) MSL  
PH = 5.7  
SPECIFIC CONDUCTANCE = 35 UMHOS/CM  
WATER TEMPERATURE = 16.4 DEGREES CELSIUS  
NO WATER HAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

LABORATORY ANALYSES

0 GROSS ALPHA	2.46+-1.09 PCI/L HP, 735A
0 NONVOLATILE BETA	2.40+-1.11 PCI/L HP, 735A
2 TRITIUM	4768+-9.96 PCI/ML HP, 735A

WELL MGC 9

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1155  
DEPTH TO WATER = 56.20 FT ( 17.13 M) BELOW THE TOC  
WATER ELEVATION = 227.40 FT ( 69.31 M) MSL  
THE WELL IS PUMPING DRY BEFORE SAMPLING CAN BE DONE.

WELL MGC 21

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1125  
THE WELL HAS DRY.

WELL MGC 30

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1100  
DEPTH TO WATER = 46.80 FT ( 14.26 M) BELOW THE TOC  
WATER ELEVATION = 235.40 FT ( 71.75 M) MSL  
PH = 4.7  
SPECIFIC CONDUCTANCE = 66 UMHOS/CM  
WATER TEMPERATURE = 17.8 DEGREES CELSIUS  
NO WATER HAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

LABORATORY ANALYSES

0 GROSS ALPHA	2.55+-1.05 PCI/L HP, 735A
0 NONVOLATILE BETA	3.48+-1.23 PCI/L HP, 735A
2 TRITIUM	133+-1.72 PCI/ML HP, 735A

WELL MGC 34

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1030  
THE WELL HAS DRY.

WELL MGC 15

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1145  
THE WELL HAS DRY.

WELL MGC 19

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1140  
THE WELL HAS DRY.

WELL MGC 23

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1120  
THE WELL HAS DRY.

WELL MGC 28

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1050  
DEPTH TO WATER = 42.50 FT ( 12.95 M) BELOW THE TOC  
WATER ELEVATION = 234.00 FT ( 71.32 M) MSL  
THE WELL IS PUMPING DRY BEFORE SAMPLING CAN BE DONE.

WELL MGC 36

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1045  
DEPTH TO WATER = 55.40 FT ( 16.89 M) BELOW THE TOC  
WATER ELEVATION = 235.80 FT ( 71.87 M) MSL  
PH = 6.1  
SPECIFIC CONDUCTANCE = 40 UMHOS/CM  
WATER TEMPERATURE = 14.7 DEGREES CELSIUS  
NO WATER HAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

LABORATORY ANALYSES

0 GROSS ALPHA	0.83+-0.75 PCI/L HP, 735A
1 NONVOLATILE BETA	32.19+-3.91 PCI/L HP, 735A
2 TRITIUM	370925+-1244 PCI/ML HP, 735A

WELL MSB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/11/88 TIME 1445  
PH = 4.2 ALKALINITY = 0 MG/L  
SPECIFIC CONDUCTANCE = 40 UMHOS/CM  
WATER TEMPERATURE = 19.8 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 25 GAL

LABORATORY ANALYSES

0 SPECIFIC CONDUCTANCE	39.60 UMHC	ENV. ENG.
0 PH	4.68 PH	ENV. ENG.
0 SILVER	2 UG/L	ENV. ENG.
1 ALUMINUM	178 UG/L	ENV. ENG.
0 ARSENIC	2 UG/L	ENV. ENG.
0 BARIUM	5 UG/L	ENV. ENG.
0 CADMIUM	2 UG/L	ENV. ENG.
0 CHLOROFORM	10 UG/L	M-AREA.SRS
0 CHLORIDE	2300 UG/L	ENV. ENG.
0 CHROMIUM	4 UG/L	ENV. ENG.
1 COPPER	96 UG/L	ENV. ENG.
0 CYANIDE	5 UG/L	ENV. ENG.
0 CYANIDE	5 UG/L	ENV. ENG.
0 MERCURY	0.20 UG/L	ENV. ENG.
0 SODIUM	2580 UG/L	ENV. ENG.
0 NICKEL	4 UG/L	ENV. ENG.
0 NITRATE AS NITROGEN	2120 UG/L	ENV. ENG.
0 LEAD	18 UG/L	ENV. ENG.
0 PHENOL	5 UG/L	ENV. ENG.
0 SELENIUM	2 UG/L	ENV. ENG.

CONTINUED

WELL MSB 1A COLLECTED ON 10/11/88 LABORATORY ANALYSES CONTINUED

0	SULFATE	LT	5000 UG/L	ENV. ENG.
2	TETRACHLOROETHYLENE		14.4 UG/L	M-AREA,SRS
0	TOTAL DISSOLVED SOLIDS		64000 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
2	TRICHLOROETHYLENE		29.3 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	10 UG/L	M-AREA,SRS
0	URANIUM	LT	1000 UG/L	ENV. ENG.
1	1,1-DICHLOROETHYLENE		4 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	10 UG/L	M-AREA,SRS
0	ZINC		26 UG/L	ENV. ENG.

WELL MSB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/11/88 TIME 1420  
 DEPTH TO WATER = 119.15 FT ( 36.32 M) BELOW THE TOC  
 WATER ELEVATION = 233.55 FT ( 71.19 M) MSL  
 PH = 4.2 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 46 UMHS/CM  
 WATER TEMPERATURE = 19.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 29 GAL

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		45.10 UMHC	ENV. ENG.
0	PH		4.62 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
1	ALUMINUM		390 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		8 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLOROFORM	LT	200 UG/L	M-AREA,SRS
0	CHLORIDE		2800 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
1	COPPER		392 UG/L	ENV. ENG.
0	CYANIDE	LT	5 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	SODIUM		2320 UG/L	ENV. ENG.
0	NICKEL		4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		2470 UG/L	ENV. ENG.
2	LEAD		42 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
2	TETRACHLOROETHYLENE		186 UG/L	M-AREA,SRS
0	TOTAL DISSOLVED SOLIDS		84000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		78000 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
2	TRICHLOROETHYLENE		160 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	200 UG/L	M-AREA,SRS
0	URANIUM	LT	1000 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	200 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	200 UG/L	M-AREA,SRS
0	ZINC		47 UG/L	ENV. ENG.
0	ZINC		40 UG/L	ENV. ENG.

WELL MSB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/11/88 TIME 1500  
 THE WELL WAS DRY.

WELL MSB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/15/88 TIME 1120  
 PH = 6.6 ALKALINITY = 194 MG/L  
 SPECIFIC CONDUCTANCE = 1840 UMHS/CM  
 WATER TEMPERATURE = 21.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 34 GAL

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		1830 UMHC	ENV. ENG.
0	PH		6.45 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ALUMINUM	LT	20 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		4 UG/L	ENV. ENG.
0	BROMODICHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10 UG/L	ENV. ENG.
0	TRICHLOROFLUOROMETHANE	LT	5 UG/L	ENV. ENG.
0	CARBON TETRACHLORIDE	LT	5.00 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	BROMOFORM	LT	10 UG/L	ENV. ENG.
0	CHLOROFORM	LT	5 UG/L	ENV. ENG.
0	METHYLENE CHLORIDE	LT	5 UG/L	ENV. ENG.
0	BROMOMETHANE	LT	10 UG/L	ENV. ENG.
0	CHLOROMETHANE	LT	10 UG/L	ENV. ENG.
0	CHLORIDE		6400 UG/L	ENV. ENG.
1	CHLOROBENZENE		16 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER		18 UG/L	ENV. ENG.

CONTINUED

WELL MSB 4A COLLECTED ON 11/15/88 LABORATORY ANALYSES CONTINUED

1	CYANIDE		35 UG/L	ENV. ENG.
0	CHLOROETHENE	LT	10 UG/L	ENV. ENG.
0	CHLOROETHANE	LT	10 UG/L	ENV. ENG.
0	BENZENE	LT	5 UG/L	ENV. ENG.
0	DIBROMOCHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0	ETHYLBENZENE	LT	5 UG/L	ENV. ENG.
0	MERCURY		0.20 UG/L	ENV. ENG.
0	TOLUENE	LT	5 UG/L	ENV. ENG.
1	SODIUM		375000 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN		154000 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
2	SELENIUM	LT	2 UG/L	ENV. ENG.
2	SULFATE		128000 UG/L	ENV. ENG.
1	1,1,2,2-TETRACHLOROETHANE	LT	10 UG/L	ENV. ENG.
2	TETRACHLOROETHYLENE		2500 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		1296000 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		150 UG/L	ENV. ENG.
2	TRICHLOROETHYLENE		2800 UG/L	ENV. ENG.
1	TRANS-1,2-DICHLOROETHENE		346 UG/L	ENV. ENG.
0	URANIUM	LT	1000 UG/L	ENV. ENG.
1	1,1-DICHLOROETHYLENE		25 UG/L	ENV. ENG.
1	1,1-DICHLOROETHANE		11 UG/L	ENV. ENG.
1	1,1,1-TRICHLOROETHANE		44 UG/L	ENV. ENG.
0	1,1,2-TRICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,2-DICHLOROETHANE	LT	1 UG/L	ENV. ENG.
0	1,2-DICHLOROPROPANE	LT	10 UG/L	ENV. ENG.
0	CIS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0	TRANS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0	2-CHLOROETHYL VINYL ETHER	LT	10 UG/L	ENV. ENG.
0	ZINC		17 UG/L	ENV. ENG.

WELL MSB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/06/88 TIME 1200  
 PH = 6.7 ALKALINITY = 177 MG/L  
 SPECIFIC CONDUCTANCE = 1750 UMHS/CM  
 WATER TEMPERATURE = 21.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 34 GAL

LABORATORY ANALYSES

0	BROMODICHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0	TRICHLOROFLUOROMETHANE	LT	5 UG/L	ENV. ENG.
0	CARBON TETRACHLORIDE	LT	5.00 UG/L	ENV. ENG.
0	BROMOFORM	LT	10 UG/L	ENV. ENG.
0	CHLOROFORM	LT	5 UG/L	ENV. ENG.
0	METHYLENE CHLORIDE	LT	5 UG/L	ENV. ENG.
0	BROMOMETHANE	LT	10 UG/L	ENV. ENG.
0	CHLOROMETHANE	LT	10 UG/L	ENV. ENG.
1	CHLOROBENZENE		13 UG/L	ENV. ENG.
0	CHLOROETHENE	LT	10 UG/L	ENV. ENG.
0	CHLOROETHANE	LT	10 UG/L	ENV. ENG.
0	BENZENE	LT	5 UG/L	ENV. ENG.
0	DIBROMOCHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0	ETHYLBENZENE	LT	5 UG/L	ENV. ENG.
0	TOLUENE	LT	5 UG/L	ENV. ENG.
0	1,1,2,2-TETRACHLOROETHANE	LT	10 UG/L	ENV. ENG.
2	TETRACHLOROETHYLENE		1566 UG/L	ENV. ENG.
2	TRICHLOROETHYLENE		1982 UG/L	ENV. ENG.
0	TRANS-1,2-DICHLOROETHENE	LT	5 UG/L	ENV. ENG.
1	1,1-DICHLOROETHYLENE		26 UG/L	ENV. ENG.
1	1,1-DICHLOROETHANE		12 UG/L	ENV. ENG.
1	1,1,1-TRICHLOROETHANE		47 UG/L	ENV. ENG.
0	1,1,2-TRICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,2-DICHLOROETHANE	LT	1 UG/L	ENV. ENG.
0	1,2-DICHLOROPROPANE	LT	10 UG/L	ENV. ENG.
0	CIS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0	TRANS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0	2-CHLOROETHYL VINYL ETHER	LT	10 UG/L	ENV. ENG.

WELL MSB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/12/88 TIME 1145  
 DEPTH TO WATER = 114.79 FT ( 34.99 M) BELOW THE TOC  
 WATER ELEVATION = 229.81 FT ( 70.05 M) MSL  
 PHYSICAL OR MECHANICAL FAILURE PREVENTED SAMPLE COLLECTION.

## WELL MSB 5A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/16/88 TIME 1520  
 PH = 5.8 ALKALINITY = 5 MG/L  
 SPECIFIC CONDUCTANCE = 67 UMHOS/CM  
 WATER TEMPERATURE = 18.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 87 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		80.80 UMHOS	ENV. ENG.
0	PH		5.88 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ALUMINUM	LT	20 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM	LT	4 UG/L	ENV. ENG.
0	BROMODICHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0	TRICHLOROFLUOROMETHANE	LT	5 UG/L	ENV. ENG.
0	CARBON TETRACHLORIDE	LT	5.00 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	BROMOFORM	LT	10 UG/L	ENV. ENG.
0	CHLOROFORM	LT	5 UG/L	ENV. ENG.
0	METHYLENE CHLORIDE	LT	5 UG/L	ENV. ENG.
0	BROMOMETHANE	LT	10 UG/L	ENV. ENG.
0	CHLOROMETHANE	LT	10 UG/L	ENV. ENG.
0	CHLORIDE	LT	3700 UG/L	ENV. ENG.
0	CHLOROBENZENE	LT	5 UG/L	ENV. ENG.
1	COBALT		7 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER		7 UG/L	ENV. ENG.
0	CYANIDE	LT	5 UG/L	ENV. ENG.
0	CHLOROETHYLENE	LT	10 UG/L	ENV. ENG.
0	CHLOROETHANE	LT	10 UG/L	ENV. ENG.
0	BENZENE	LT	5 UG/L	ENV. ENG.
0	DIBROMOCHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0	ETHYLBENZENE	LT	5 UG/L	ENV. ENG.
0	MERCURY		0.24 UG/L	ENV. ENG.
0	TOLUENE	LT	5 UG/L	ENV. ENG.
1	SODIUM		9280 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
1	NITRATE AS NITROGEN		4680 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	1,1,2,2-TETRACHLOROETHANE	LT	10 UG/L	ENV. ENG.
2	TETRACHLOROETHYLENE		21.0 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		86000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		74000 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
2	TRICHLOROETHYLENE		6.00 UG/L	ENV. ENG.
0	TRANS-1,2-DICHLOROETHENE	LT	5 UG/L	ENV. ENG.
0	URANIUM	LT	1000 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	5 UG/L	ENV. ENG.
0	1,1-DICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,1,1-TRICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,1,2-TRICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,2-DICHLOROETHANE	LT	1 UG/L	ENV. ENG.
0	1,2-DICHLOROPROPANE	LT	10 UG/L	ENV. ENG.
0	CIS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0	TRANS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0	2-CHLOROETHYL VINYL ETHER	LT	10 UG/L	ENV. ENG.
0	ZINC		18 UG/L	ENV. ENG.

## WELL MSB 6A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/11/88 TIME 1315  
 DEPTH TO WATER = 115.09 FT ( 35.08 M) BELOW THE TOC  
 WATER ELEVATION = 228.81 FT ( 69.74 M) MSL  
 PH = 5.1 ALKALINITY = 3 MG/L  
 SPECIFIC CONDUCTANCE = 49 UMHOS/CM  
 WATER TEMPERATURE = 18.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 54 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		50.20 UMHOS	ENV. ENG.
0	PH		5.65 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ALUMINUM	LT	20 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM	LT	4 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0	CHLORIDE		6200 UG/L	ENV. ENG.
0	CHLORIDE		5200 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER	LT	4 UG/L	ENV. ENG.
0	CYANIDE	LT	5 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
1	SODIUM		8550 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		450 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0	TOTAL DISSOLVED SOLIDS		128000 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.

CONTINUED

## WELL MSB 6A COLLECTED ON 10/11/88 LABORATORY ANALYSES CONTINUED

0	TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0	URANIUM	LT	1000 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS
0	ZINC		6 UG/L	ENV. ENG.

## WELL MSB 6A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/15/88 TIME 1335  
 DEPTH TO WATER = 115.23 FT ( 35.12 M) BELOW THE TOC  
 WATER ELEVATION = 228.67 FT ( 69.70 M) MSL  
 PH = 5.2 ALKALINITY = 6 MG/L  
 SPECIFIC CONDUCTANCE = 43 UMHOS/CM  
 WATER TEMPERATURE = 18.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 48 GAL

## WELL MSB 6A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/16/88 TIME 1445  
 DEPTH TO WATER = 115.12 FT ( 35.09 M) BELOW THE TOC  
 WATER ELEVATION = 228.78 FT ( 69.73 M) MSL  
 PH = 5.4 ALKALINITY = 5 MG/L  
 SPECIFIC CONDUCTANCE = 43 UMHOS/CM  
 WATER TEMPERATURE = 18.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 44 GAL

## WELL MSB 6A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/04/88 TIME 1305  
 DEPTH TO WATER = 115.47 FT ( 35.20 M) BELOW THE TOC  
 WATER ELEVATION = 228.43 FT ( 69.63 M) MSL  
 PH = 5.4 ALKALINITY = 5 MG/L  
 SPECIFIC CONDUCTANCE = 44 UMHOS/CM  
 WATER TEMPERATURE = 18.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 50 GAL

## LABORATORY ANALYSES

0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10 UG/L	ENV. ENG.
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## WELL MSB 7A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/11/88 TIME 1215  
 DEPTH TO WATER = 114.82 FT ( 35.00 M) BELOW THE TOC  
 WATER ELEVATION = 229.68 FT ( 70.01 M) MSL  
 PH = 5.2 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 93 UMHOS/CM  
 WATER TEMPERATURE = 19.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 46 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		98.40 UMHOS	ENV. ENG.
0	SPECIFIC CONDUCTANCE		98.40 UMHOS	ENV. ENG.
0	PH		5.47 PH	ENV. ENG.
0	PH		5.46 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ALUMINUM	LT	20 UG/L	ENV. ENG.
0	ALUMINUM	LT	20 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		14 UG/L	ENV. ENG.
0	BARIUM		13 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0	CHLORIDE		5000 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER	LT	4 UG/L	ENV. ENG.
0	COPPER	LT	4 UG/L	ENV. ENG.
0	CYANIDE	LT	5 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
1	SODIUM		14200 UG/L	ENV. ENG.
1	SODIUM		14000 UG/L	ENV. ENG.
0	NICKEL		6 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
1	NITRATE AS NITROGEN		6150 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
2	TETRACHLOROETHYLENE		24.4 UG/L	M-AREA,SRS
0	TOTAL DISSOLVED SOLIDS		132000 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.

CONTINUED

WELL MSB 7A COLLECTED ON 10/11/88 LABORATORY ANALYSES CONTINUED

2	TRICHLOROETHYLENE		9.00 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0	URANIUM	LT	1000 UG/L	ENV. ENG.
0	URANIUM	LT	1000 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
1	1,1,1-TRICHLOROETHANE		2 UG/L	M-AREA,SRS
0	ZINC		40 UG/L	ENV. ENG.

WELL MSB 7A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/15/88 TIME 1720  
 DEPTH TO WATER = 114.87 FT ( 35.01 M) BELOW THE TOC  
 WATER ELEVATION = 229.63 FT ( 69.99 M) MSL  
 THE WELL IS PUMPING DRY BEFORE SAMPLING CAN BE DONE.

WELL MSB 7A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/04/88 TIME 1235  
 DEPTH TO WATER = 115.09 FT ( 35.08 M) BELOW THE TOC  
 WATER ELEVATION = 229.41 FT ( 69.93 M) MSL  
 THE WELL IS PUMPING DRY BEFORE SAMPLING CAN BE DONE.

WELL MSB 7A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/14/88 TIME 1540  
 DEPTH TO WATER = 115.00 FT ( 35.05 M) BELOW THE TOC  
 WATER ELEVATION = 229.50 FT ( 69.95 M) MSL  
 PH = 5.4 ALKALINITY = 6 MG/L  
 SPECIFIC CONDUCTANCE = 91 UMHOS/CM  
 WATER TEMPERATURE = 17.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 45 GAL

LABORATORY ANALYSES

0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10 UG/L	ENV. ENG.
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WELL MSB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/11/88 TIME 1245  
 DEPTH TO WATER = 113.31 FT ( 34.54 M) BELOW THE TOC  
 WATER ELEVATION = 230.89 FT ( 70.38 M) MSL  
 PH = 4.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 221 UMHOS/CM  
 WATER TEMPERATURE = 18.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 48 GAL

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		226.0 UMHOS/CM	ENV. ENG.
0	PH		5.40 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ALUMINUM		30 UG/L	ENV. ENG.
0	ALUMINUM		30 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIIUM		12 UG/L	ENV. ENG.
0	BARIIUM		13 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLOROFORM	LT	10 UG/L	M-AREA,SRS
0	CHLORIDE		3900 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER		7 UG/L	ENV. ENG.
0	COPPER		8 UG/L	ENV. ENG.
0	CYANIDE	LT	5 UG/L	ENV. ENG.
0	MERCURY		0.34 UG/L	ENV. ENG.
0	MERCURY		0.27 UG/L	ENV. ENG.
1	SODIUM		33100 UG/L	ENV. ENG.
1	SODIUM		34800 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN		22300 UG/L	ENV. ENG.
0	LEAD		13 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
2	TETRACHLOROETHYLENE		252 UG/L	M-AREA,SRS
0	TOTAL DISSOLVED SOLIDS		224000 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
2	TRICHLOROETHYLENE		77.7 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	10 UG/L	M-AREA,SRS
0	URANIUM	LT	1000 UG/L	ENV. ENG.
0	URANIUM	LT	1000 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	10 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	10 UG/L	M-AREA,SRS
0	ZINC		9 UG/L	ENV. ENG.

WELL MSB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/15/88 TIME 1250  
 DEPTH TO WATER = 113.35 FT ( 34.55 M) BELOW THE TOC  
 WATER ELEVATION = 230.85 FT ( 70.56 M) MSL  
 PH = 4.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 200 UMHOS/CM  
 WATER TEMPERATURE = 17.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 48 GAL

WELL MSB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/16/88 TIME 1400  
 DEPTH TO WATER = 113.30 FT ( 34.53 M) BELOW THE TOC  
 WATER ELEVATION = 230.90 FT ( 70.38 M) MSL  
 PH = 4.9 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 205 UMHOS/CM  
 WATER TEMPERATURE = 17.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 48 GAL

WELL MSB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/04/88 TIME 1210  
 DEPTH TO WATER = 113.67 FT ( 34.65 M) BELOW THE TOC  
 WATER ELEVATION = 230.53 FT ( 70.27 M) MSL  
 PH = 4.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 196 UMHOS/CM  
 WATER TEMPERATURE = 17.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 47 GAL

LABORATORY ANALYSES

1	BIS(2-ETHYLHEXYL) PHTHALATE		24 UG/L	ENV. ENG.
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WELL MSB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/04/88 TIME 1210  
 DEPTH TO WATER = 113.67 FT ( 34.65 M) BELOW THE TOC  
 WATER ELEVATION = 230.53 FT ( 70.27 M) MSL  
 PH = 4.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 196 UMHOS/CM  
 WATER TEMPERATURE = 17.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 47 GAL

LABORATORY ANALYSES

0	BIS(2-ETHYLHEXYL) PHTHALATE	LT	10 UG/L	ENV. ENG.
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WELL MSB 9A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/06/88 TIME 935  
 DEPTH TO WATER = 148.35 FT ( 45.22 M) BELOW THE TOC  
 WATER ELEVATION = 211.05 FT ( 64.33 M) MSL  
 PH = 6.1 ALKALINITY = 15 MG/L  
 SPECIFIC CONDUCTANCE = 40 UMHOS/CM  
 WATER TEMPERATURE = 18.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 193 GAL

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		46.30 UMHOS/CM	ENV. ENG.
1	PH		6.76 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ALUMINUM	LT	20 UG/L	ENV. ENG.
1	ARSENIC		3 UG/L	ENV. ENG.
0	BARIIUM		7 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLOROFORM	LT	1000 UG/L	M-AREA,SRS
0	CHLORIDE		6400 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER	LT	4 UG/L	ENV. ENG.
0	CYANIDE	LT	5 UG/L	ENV. ENG.
0	CYANIDE	LT	5 UG/L	ENV. ENG.
0	MERCURY		0.30 UG/L	ENV. ENG.
0	SODIUM		1830 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		300 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		310 UG/L	ENV. ENG.
0	LEAD		11 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
2	TETRACHLOROETHYLENE		3710 UG/L	M-AREA,SRS
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
2	TRICHLOROETHYLENE		4720 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1000 UG/L	M-AREA,SRS

CONTINUED

WELL MSB 9A COLLECTED ON 10/06/88 LABORATORY ANALYSES CONTINUED

0 URANIUM	LT	1000 UG/L	ENV. ENG.
0 1,1-DICHLOROETHYLENE	LT	1000 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1000 UG/L	M-AREA,SRS
2 ZINC		2940 UG/L	ENV. ENG.

WELL MSB 9B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/06/88 TIME 910  
 DEPTH TO WATER = 127.47 FT ( 38.85 M) BELOW THE TOC  
 WATER ELEVATION = 232.13 FT ( 70.75 M) MSL  
 PH = 9.2 ALKALINITY = 17 MG/L  
 SPECIFIC CONDUCTANCE = 249 UMHS/CM  
 WATER TEMPERATURE = 17.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 12 GAL  
 THE WELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE		291.0 UMHC	ENV. ENG.
1 SPECIFIC CONDUCTANCE		272.0 UMHC	ENV. ENG.
2 PH		9.20 PH	ENV. ENG.
2 PH		9.19 PH	ENV. ENG.
0 SILVER	LT	2 UG/L	ENV. ENG.
0 ALUMINUM	LT	58 UG/L	ENV. ENG.
0 ARSENIC	LT	31 UG/L	ENV. ENG.
0 BARIUM	LT	2 UG/L	ENV. ENG.
0 CADMIUM	LT	5000 UG/L	M-AREA,SRS
0 CHLOROFORM	LT	3600 UG/L	ENV. ENG.
0 CHLORIDE	LT	4 UG/L	ENV. ENG.
0 CHROMIUM	LT	8 UG/L	ENV. ENG.
0 COPPER	LT	5 UG/L	ENV. ENG.
0 CYANIDE	LT	0.30 UG/L	ENV. ENG.
0 MERCURY	LT	14400 UG/L	ENV. ENG.
1 SODIUM		9 UG/L	ENV. ENG.
0 NICKEL	LT	21300 UG/L	ENV. ENG.
2 NITRATE AS NITROGEN		4 UG/L	ENV. ENG.
0 LEAD	LT	5 UG/L	ENV. ENG.
0 PHENOL	LT	5 UG/L	ENV. ENG.
0 PHENOL	LT	5 UG/L	ENV. ENG.
0 SELENIUM	LT	2 UG/L	ENV. ENG.
0 SULFATE	LT	5000 UG/L	ENV. ENG.
2 TETRACHLOROETHYLENE		70400 UG/L	M-AREA,SRS
0 TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
2 TRICHLOROETHYLENE		51700 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	5000 UG/L	M-AREA,SRS
0 URANIUM	LT	1000 UG/L	ENV. ENG.
0 1,1-DICHLOROETHYLENE	LT	5000 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	5000 UG/L	M-AREA,SRS
0 ZINC		105 UG/L	ENV. ENG.

WELL MSB 9C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/06/88 TIME 845  
 DEPTH TO WATER = 127.62 FT ( 38.90 M) BELOW THE TOC  
 WATER ELEVATION = 231.48 FT ( 70.56 M) MSL  
 PH = 3.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 335 UMHS/CM  
 WATER TEMPERATURE = 17.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 27 GAL

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE		367.0 UMHC	ENV. ENG.
0 PH		3.95 PH	ENV. ENG.
0 SILVER	LT	2 UG/L	ENV. ENG.
2 ALUMINUM		4660 UG/L	ENV. ENG.
0 ARSENIC	LT	2 UG/L	ENV. ENG.
1 BARIUM		81 UG/L	ENV. ENG.
0 CADMIUM	LT	2 UG/L	ENV. ENG.
0 CHLOROFORM	LT	10000 UG/L	M-AREA,SRS
0 CHLORIDE	LT	9400 UG/L	ENV. ENG.
0 CHROMIUM	LT	4 UG/L	ENV. ENG.
1 COPPER		23 UG/L	ENV. ENG.
0 CYANIDE	LT	5 UG/L	ENV. ENG.
1 MERCURY		0.40 UG/L	ENV. ENG.
1 SODIUM		32900 UG/L	ENV. ENG.
1 NICKEL		39 UG/L	ENV. ENG.
2 NITRATE AS NITROGEN		32500 UG/L	ENV. ENG.
0 LEAD		8 UG/L	ENV. ENG.
0 PHENOL	LT	5 UG/L	ENV. ENG.
0 SELENIUM	LT	2 UG/L	ENV. ENG.
0 SULFATE	LT	5000 UG/L	ENV. ENG.
2 TETRACHLOROETHYLENE		198000 UG/L	M-AREA,SRS
0 TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
2 TRICHLOROETHYLENE		118000 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	10000 UG/L	M-AREA,SRS
0 URANIUM	LT	1000 UG/L	ENV. ENG.
0 1,1-DICHLOROETHYLENE	LT	10000 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	10000 UG/L	M-AREA,SRS
0 ZINC		52 UG/L	ENV. ENG.

WELL MSB 10A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/06/88 TIME 1035  
 DEPTH TO WATER = 146.05 FT ( 44.52 M) BELOW THE TOC  
 WATER ELEVATION = 208.95 FT ( 63.69 M) MSL  
 PH = 5.3 ALKALINITY = 4 MG/L  
 SPECIFIC CONDUCTANCE = 20 UMHS/CM  
 WATER TEMPERATURE = 18.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 240 GAL

LABORATORY ANALYSES

0 SPECIFIC CONDUCTANCE		33.40 UMHC	ENV. ENG.
0 PH		5.55 PH	ENV. ENG.
0 SILVER	LT	2 UG/L	ENV. ENG.
0 ALUMINUM	LT	20 UG/L	ENV. ENG.
0 ARSENIC	LT	2 UG/L	ENV. ENG.
0 BARIUM	LT	4 UG/L	ENV. ENG.
0 CADMIUM	LT	2 UG/L	ENV. ENG.
0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 CHLORIDE		4200 UG/L	ENV. ENG.
0 CHROMIUM	LT	4 UG/L	ENV. ENG.
0 COPPER	LT	4 UG/L	ENV. ENG.
0 CYANIDE	LT	5 UG/L	ENV. ENG.
0 MERCURY	LT	0.20 UG/L	ENV. ENG.
0 MERCURY	LT	0.20 UG/L	ENV. ENG.
0 SODIUM		2050 UG/L	ENV. ENG.
0 NICKEL	LT	4 UG/L	ENV. ENG.
0 NITRATE AS NITROGEN		250 UG/L	ENV. ENG.
0 LEAD		16 UG/L	ENV. ENG.
0 PHENOL	LT	5 UG/L	ENV. ENG.
0 SELENIUM	LT	2 UG/L	ENV. ENG.
0 SULFATE	LT	5000 UG/L	ENV. ENG.
1 TETRACHLOROETHYLENE		1.52 UG/L	M-AREA,SRS
0 TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
2 TRICHLOROETHYLENE		8.67 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 URANIUM	LT	1000 UG/L	ENV. ENG.
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS
0 ZINC		134 UG/L	ENV. ENG.

WELL MSB 10B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/06/88 TIME 1050  
 DEPTH TO WATER = 143.45 FT ( 43.72 M) BELOW THE TOC  
 WATER ELEVATION = 211.25 FT ( 64.39 M) MSL  
 PH = 5.1 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 38 UMHS/CM  
 WATER TEMPERATURE = 18.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 162 GAL

LABORATORY ANALYSES

0 SPECIFIC CONDUCTANCE		48.00 UMHC	ENV. ENG.
0 PH		5.33 PH	ENV. ENG.
0 SILVER	LT	2 UG/L	ENV. ENG.
0 ALUMINUM	LT	20 UG/L	ENV. ENG.
0 ARSENIC	LT	2 UG/L	ENV. ENG.
0 BARIUM		11 UG/L	ENV. ENG.
0 CADMIUM	LT	2 UG/L	ENV. ENG.
0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 CHLORIDE		2400 UG/L	ENV. ENG.
0 CHROMIUM	LT	4 UG/L	ENV. ENG.
0 COPPER	LT	4 UG/L	ENV. ENG.
0 CYANIDE	LT	5 UG/L	ENV. ENG.
0 MERCURY	LT	0.20 UG/L	ENV. ENG.
0 SODIUM		2750 UG/L	ENV. ENG.
0 NICKEL	LT	4 UG/L	ENV. ENG.
0 NITRATE AS NITROGEN		80 UG/L	ENV. ENG.
0 LEAD	LT	6 UG/L	ENV. ENG.
0 PHENOL	LT	5 UG/L	ENV. ENG.
0 SELENIUM	LT	2 UG/L	ENV. ENG.
0 SULFATE		8400 UG/L	ENV. ENG.
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
1 TRICHLOROETHYLENE		1.87 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 URANIUM	LT	1000 UG/L	ENV. ENG.
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS
0 ZINC		101 UG/L	ENV. ENG.



## WELL MSB 10C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/04/88 TIME 1115  
 DEPTH TO WATER = 125.43 FT ( 38.23 M) BELOW THE TOC  
 WATER ELEVATION = 230.57 FT ( 70.28 M) MSL  
 PH = 6.8 ALKALINITY = 42 MG/L  
 SPECIFIC CONDUCTANCE = 255 UMHOS/CM  
 WATER TEMPERATURE = 18.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 132 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	274.0 UMHC	ENV. ENG.
1	PH	6.71 PH	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	ALUMINUM	LT 20 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
1	BARIUM	146 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHLOROFORM	LT 10000 UG/L	M-AREA,SRS
0	CHLORIDE	6000 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	COPPER	6 UG/L	ENV. ENG.
0	CYANIDE	LT 5 UG/L	ENV. ENG.
0	MERCURY	LT 0.20 UG/L	ENV. ENG.
1	SODIUM	19000 UG/L	ENV. ENG.
0	NICKEL	LT 4 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN	16900 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
0	SULFATE	LT 5000 UG/L	ENV. ENG.
2	TETRACHLOROETHYLENE	56700 UG/L	M-AREA,SRS
0	TOTAL PHOSPHATES	LT 20 UG/L	ENV. ENG.
2	TRICHLOROETHYLENE	75100 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT 10000 UG/L	M-AREA,SRS
0	URANIUM	LT 1000 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT 10000 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT 10000 UG/L	M-AREA,SRS
0	ZINC	31 UG/L	ENV. ENG.

## WELL MSB 11A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/04/88 TIME 1315  
 DEPTH TO WATER = 152.25 FT ( 46.41 M) BELOW THE TOC  
 WATER ELEVATION = 212.65 FT ( 64.82 M) MSL  
 PH = 5.8 ALKALINITY = 12 MG/L  
 SPECIFIC CONDUCTANCE = 35 UMHOS/CM  
 WATER TEMPERATURE = 18.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 216 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	48.80 UMHC	ENV. ENG.
0	PH	6.09 PH	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	ALUMINUM	LT 20 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
0	BARIUM	6 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHLOROFORM	LT 10 UG/L	M-AREA,SRS
0	CHLORIDE	2300 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	COPPER	LT 4 UG/L	ENV. ENG.
0	CYANIDE	LT 5 UG/L	ENV. ENG.
0	MERCURY	LT 0.20 UG/L	ENV. ENG.
0	SODIUM	1590 UG/L	ENV. ENG.
0	NICKEL	LT 4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	250 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
0	SULFATE	LT 5000 UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	LT 1.00 UG/L	M-AREA,SRS
0	TOTAL PHOSPHATES	80 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	70 UG/L	ENV. ENG.
2	TRICHLOROETHYLENE	15.4 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT 10 UG/L	M-AREA,SRS
0	URANIUM	LT 1000 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT 10 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT 10 UG/L	M-AREA,SRS
0	ZINC	131 UG/L	ENV. ENG.

## WELL MSB 11B

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/04/88 TIME 1250  
 DEPTH TO WATER = 146.62 FT ( 44.69 M) BELOW THE TOC  
 WATER ELEVATION = 218.18 FT ( 66.50 M) MSL  
 PH = 5.8 ALKALINITY = 11 MG/L  
 SPECIFIC CONDUCTANCE = 37 UMHOS/CM  
 WATER TEMPERATURE = 18.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 152 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	46.90 UMHC	ENV. ENG.
0	PH	6.04 PH	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	ALUMINUM	LT 20 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
0	BARIUM	8 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHLOROFORM	LT 10 UG/L	M-AREA,SRS
0	CHLORIDE	2400 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	COPPER	LT 4 UG/L	ENV. ENG.
0	CYANIDE	LT 5 UG/L	ENV. ENG.
0	MERCURY	LT 0.20 UG/L	ENV. ENG.
0	SODIUM	1610 UG/L	ENV. ENG.
0	NICKEL	LT 4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	210 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
0	SULFATE	LT 5000 UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	LT 1.00 UG/L	M-AREA,SRS
0	TOTAL PHOSPHATES	LT 20 UG/L	ENV. ENG.
2	TRICHLOROETHYLENE	178 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT 10 UG/L	M-AREA,SRS
0	URANIUM	LT 1000 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT 10 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT 10 UG/L	M-AREA,SRS
0	ZINC	121 UG/L	ENV. ENG.

## WELL MSB 11C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/04/88 TIME 1320  
 DEPTH TO WATER = 144.90 FT ( 44.17 M) BELOW THE TOC  
 WATER ELEVATION = 220.00 FT ( 67.06 M) MSL  
 PH = 4.6 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 71 UMHOS/CM  
 WATER TEMPERATURE = 18.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 122 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	80.40 UMHC	ENV. ENG.
0	PH	4.78 PH	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	ALUMINUM	LT 51 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
0	BARIUM	22 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHLOROFORM	LT 10000 UG/L	M-AREA,SRS
0	CHLORIDE	2800 UG/L	ENV. ENG.
0	CHLORIDE	2900 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	COPPER	5 UG/L	ENV. ENG.
0	CYANIDE	LT 5 UG/L	ENV. ENG.
0	MERCURY	LT 0.20 UG/L	ENV. ENG.
0	SODIUM	3470 UG/L	ENV. ENG.
0	NICKEL	LT 4 UG/L	ENV. ENG.
1	NITRATE AS NITROGEN	5460 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
0	SULFATE	LT 5000 UG/L	ENV. ENG.
0	SULFATE	LT 5000 UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	LT 1000 UG/L	M-AREA,SRS
0	TOTAL PHOSPHATES	LT 20 UG/L	ENV. ENG.
2	TRICHLOROETHYLENE	108000 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT 10000 UG/L	M-AREA,SRS
0	URANIUM	LT 1000 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT 10000 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT 10000 UG/L	M-AREA,SRS
0	ZINC	20 UG/L	ENV. ENG.

## WELL MSB 11D

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/04/88 TIME 1330  
 DEPTH TO WATER = 133.79 FT ( 40.78 M) BELOW THE TOC  
 WATER ELEVATION = 231.41 FT ( 70.53 M) MSL  
 PH = 4.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 27 UMHOS/CM  
 WATER TEMPERATURE = 18.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 79 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	34.30 UMHC	ENV. ENG.
0	PH	4.92 PH	ENV. ENG.
0	SILVER	LT	2 UG/L
0	SILVER	LT	2 UG/L
0	ALUMINUM	LT	39 UG/L
0	ARSENIC	LT	2 UG/L
0	ARSENIC	LT	2 UG/L
0	BARIUM	LT	8 UG/L
0	CADMIUM	LT	2 UG/L
0	CHLORIDE	LT	2600 UG/L
0	CHROMIUM	LT	4 UG/L
0	COPPER	LT	4 UG/L
0	CYANIDE	LT	5 UG/L
0	MERCURY	LT	0.20 UG/L
0	SODIUM	LT	2210 UG/L
0	NICKEL	LT	4 UG/L
0	NITRATE AS NITROGEN	LT	1360 UG/L
0	LEAD	LT	6 UG/L
0	PHENOL	LT	5 UG/L
0	SELENIUM	LT	2 UG/L
0	SELENIUM	LT	2 UG/L
0	SULFATE	LT	5000 UG/L
0	TOTAL PHOSPHATES	LT	20 UG/L
0	URANIUM	LT	1000 UG/L
0	ZINC	LT	49 UG/L

## WELL MSB 11F

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/04/88 TIME 1350  
 DEPTH TO WATER = 133.03 FT ( 40.55 M) BELOW THE TOC  
 WATER ELEVATION = 231.77 FT ( 70.64 M) MSL  
 PH = 4.2 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 34 UMHOS/CM  
 WATER TEMPERATURE = 18.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 24 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	53.10 UMHC	ENV. ENG.
0	SPECIFIC CONDUCTANCE	50.80 UMHC	ENV. ENG.
1	PH	3.97 PH	ENV. ENG.
0	PH	4.30 PH	ENV. ENG.
0	SILVER	LT	2 UG/L
0	ALUMINUM	LT	244 UG/L
0	ARSENIC	LT	2 UG/L
0	BARIUM	LT	5 UG/L
0	CADMIUM	LT	2 UG/L
0	CHLORIDE	LT	3500 UG/L
0	CHROMIUM	LT	4 UG/L
0	COPPER	LT	12 UG/L
0	CYANIDE	LT	5 UG/L
0	MERCURY	LT	5 UG/L
0	SODIUM	LT	0.20 UG/L
0	NICKEL	LT	2430 UG/L
0	NITRATE AS NITROGEN	LT	4 UG/L
0	NITRATE AS NITROGEN	LT	1350 UG/L
0	LEAD	LT	1360 UG/L
0	PHENOL	LT	6 UG/L
0	SELENIUM	LT	5 UG/L
0	SELENIUM	LT	2 UG/L
0	SULFATE	LT	5000 UG/L
0	TOTAL PHOSPHATES	LT	90 UG/L
0	URANIUM	LT	1000 UG/L
0	ZINC	LT	77 UG/L

## WELL MSB 12A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/30/88 TIME 1205  
 DEPTH TO WATER = 140.91 FT ( 42.95 M) BELOW THE TOC  
 WATER ELEVATION = 206.89 FT ( 63.06 M) MSL  
 PH = 4.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 22 UMHOS/CM  
 WATER TEMPERATURE = 19.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 240 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	22.00 UMHC	ENV. ENG.
0	PH	5.50 PH	ENV. ENG.
0	SILVER	LT	2 UG/L
0	ALUMINUM	LT	20 UG/L
0	ARSENIC	LT	2 UG/L
0	BARIUM	LT	4 UG/L
0	CADMIUM	LT	2 UG/L
0	CHLOROFORM	LT	100 UG/L
0	CHLORIDE	LT	2300 UG/L

CONTINUED

## WELL MSB 12A COLLECTED ON 10/30/88 LABORATORY ANALYSES CONTINUED

0	CHROMIUM	LT	4 UG/L
0	COPPER	LT	13 UG/L
0	CYANIDE	LT	5 UG/L
0	MERCURY	LT	0.20 UG/L
0	SODIUM	LT	1390 UG/L
0	NICKEL	LT	4 UG/L
0	NITRATE AS NITROGEN	LT	320 UG/L
0	LEAD	LT	6 UG/L
0	PHENOL	LT	5 UG/L
0	SELENIUM	LT	2 UG/L
0	SULFATE	LT	5000 UG/L
0	TETRACHLOROETHYLENE	LT	10.0 UG/L
0	TOTAL PHOSPHATES	LT	20 UG/L
2	TRICHLOROETHYLENE	LT	607 UG/L
0	TRANS-1,2-DICHLOROETHENE	LT	100 UG/L
0	URANIUM	LT	1000 UG/L
0	1,1-DICHLOROETHYLENE	LT	100 UG/L
0	1,1,1-TRICHLOROETHANE	LT	100 UG/L
0	ZINC	LT	143 UG/L
0	ZINC	LT	171 UG/L

## WELL MSB 12B

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/30/88 TIME 1250  
 DEPTH TO WATER = 131.45 FT ( 40.07 M) BELOW THE TOC  
 WATER ELEVATION = 216.95 FT ( 66.13 M) MSL  
 PH = 4.5 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 136 UMHOS/CM  
 WATER TEMPERATURE = 18.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 160 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	131.0 UMHC	ENV. ENG.
0	PH	5.03 PH	ENV. ENG.
0	SILVER	LT	2 UG/L
0	ALUMINUM	LT	54 UG/L
0	ALUMINUM	LT	52 UG/L
0	ARSENIC	LT	2 UG/L
0	BARIUM	LT	16 UG/L
0	BARIUM	LT	16 UG/L
0	CADMIUM	LT	2 UG/L
0	CADMIUM	LT	2 UG/L
0	CHLORIDE	LT	4000 UG/L
0	CHROMIUM	LT	4 UG/L
0	CHROMIUM	LT	4 UG/L
0	COPPER	LT	20 UG/L
0	CYANIDE	LT	5 UG/L
0	MERCURY	LT	0.20 UG/L
1	SODIUM	LT	13600 UG/L
1	SODIUM	LT	13400 UG/L
0	NICKEL	LT	4 UG/L
0	NICKEL	LT	4 UG/L
2	NITRATE AS NITROGEN	LT	13400 UG/L
0	LEAD	LT	6 UG/L
0	LEAD	LT	6 UG/L
0	PHENOL	LT	5 UG/L
0	SELENIUM	LT	2 UG/L
0	SULFATE	LT	5000 UG/L
0	TOTAL PHOSPHATES	LT	20 UG/L
0	URANIUM	LT	1000 UG/L
0	URANIUM	LT	1000 UG/L
0	ZINC	LT	44 UG/L

## WELL MSB 12C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/30/88 TIME 1235  
 DEPTH TO WATER = 125.48 FT ( 38.25 M) BELOW THE TOC  
 WATER ELEVATION = 222.42 FT ( 67.79 M) MSL  
 PH = 5.0 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 157 UMHOS/CM  
 WATER TEMPERATURE = 19.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 138 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	154.0 UMHC	ENV. ENG.
0	PH	5.51 PH	ENV. ENG.
0	SILVER	LT	2 UG/L
0	ALUMINUM	LT	20 UG/L
0	ARSENIC	LT	2 UG/L
0	BARIUM	LT	26 UG/L
0	CADMIUM	LT	2 UG/L
0	CHLORIDE	LT	6000 UG/L
0	CHROMIUM	LT	4 UG/L
0	COPPER	LT	6 UG/L
0	COPPER	LT	5 UG/L
0	CYANIDE	LT	5 UG/L
0	CYANIDE	LT	5 UG/L
0	MERCURY	LT	0.20 UG/L
1	SODIUM	LT	17900 UG/L
0	NICKEL	LT	4 UG/L
2	NITRATE AS NITROGEN	LT	16700 UG/L
0	LEAD	LT	6 UG/L
0	PHENOL	LT	5 UG/L
0	SELENIUM	LT	2 UG/L
0	SULFATE	LT	5000 UG/L
0	TOTAL PHOSPHATES	LT	20 UG/L
0	URANIUM	LT	1000 UG/L

CONTINUED

WELL MSB 12C COLLECTED ON 10/30/88 LABORATORY ANALYSES CONTINUED

1 ZINC 440 UG/L ENV. ENG.  
1 ZINC 446 UG/L ENV. ENG.

WELL MSB 12D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/30/88 TIME 1000  
THE WELL WAS DRY.

WELL MSB 12TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/30/88 TIME 1225  
DEPTH TO WATER = 160.45 FT ( 48.91 M) BELOW THE TOC  
WATER ELEVATION = 188.05 FT ( 57.32 M) MSL  
PH = 6.1 ALKALINITY = 15 MG/L  
SPECIFIC CONDUCTANCE = 43 UMHOS/CM  
WATER TEMPERATURE = 19.4 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 790 GAL

LABORATORY ANALYSES

0 SPECIFIC CONDUCTANCE 45.80 UMHOS/CM ENV. ENG.  
1 PH 6.90 PH ENV. ENG.  
0 SILVER LT 2 UG/L ENV. ENG.  
0 ALUMINUM LT 20 UG/L ENV. ENG.  
0 ARSENIC LT 2 UG/L ENV. ENG.  
0 BARIUM LT 6 UG/L ENV. ENG.  
0 CADMIUM 4080 UG/L ENV. ENG.  
0 CHLOROFORM LT 2 UG/L ENV. ENG.  
0 CHLORIDE LT 1 UG/L M-AREA,SRS  
0 CHLORIDE 2000 UG/L ENV. ENG.  
0 CHROMIUM 2000 UG/L ENV. ENG.  
0 COPPER LT 4 UG/L ENV. ENG.  
0 CYANIDE LT 8 UG/L ENV. ENG.  
0 MERCURY LT 5 UG/L ENV. ENG.  
0 SODIUM LT 0.20 UG/L ENV. ENG.  
0 NICKEL 1470 UG/L ENV. ENG.  
0 NITRATE AS NITROGEN LT 4 UG/L ENV. ENG.  
0 LEAD LT 100 UG/L ENV. ENG.  
0 PHENOL LT 6 UG/L ENV. ENG.  
0 SELENIUM LT 5 UG/L ENV. ENG.  
0 SULFATE LT 2 UG/L ENV. ENG.  
0 SULFATE 5000 UG/L ENV. ENG.  
0 TETRACHLOROETHYLENE LT 1.00 UG/L M-AREA,SRS  
0 TOTAL PHOSPHATES LT 20 UG/L ENV. ENG.  
0 TRICHLOROETHYLENE LT 1.00 UG/L M-AREA,SRS  
0 TRANS-1,2-DICHLOROETHENE LT 1 UG/L M-AREA,SRS  
0 URANIUM LT 1000 UG/L ENV. ENG.  
0 1,1-DICHLOROETHYLENE LT 1 UG/L M-AREA,SRS  
0 1,1,1-TRICHLOROETHANE LT 1 UG/L M-AREA,SRS  
0 ZINC 35 UG/L ENV. ENG.

WELL MSB 12TB

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/30/88 TIME 1125  
DEPTH TO WATER = 160.45 FT ( 48.91 M) BELOW THE TOC  
WATER ELEVATION = 188.25 FT ( 57.38 M) MSL  
PH = 5.4 ALKALINITY = 4 MG/L  
SPECIFIC CONDUCTANCE = 42 UMHOS/CM  
WATER TEMPERATURE = 19.0 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 510 GAL

LABORATORY ANALYSES

0 SPECIFIC CONDUCTANCE 30.60 UMHOS/CM ENV. ENG.  
0 PH 6.00 PH ENV. ENG.  
0 SILVER LT 2 UG/L ENV. ENG.  
0 ALUMINUM LT 20 UG/L ENV. ENG.  
0 ARSENIC LT 2 UG/L ENV. ENG.  
0 ARSENIC LT 2 UG/L ENV. ENG.  
0 BARIUM LT 4 UG/L ENV. ENG.  
0 CADMIUM LT 2 UG/L ENV. ENG.  
0 CHLOROFORM LT 1 UG/L M-AREA,SRS  
0 CHLORIDE 2400 UG/L ENV. ENG.  
0 CHROMIUM LT 4 UG/L ENV. ENG.  
0 COPPER LT 13 UG/L ENV. ENG.  
0 CYANIDE LT 5 UG/L ENV. ENG.  
0 MERCURY LT 0.20 UG/L ENV. ENG.  
0 SODIUM LT 1560 UG/L ENV. ENG.  
0 NICKEL LT 4 UG/L ENV. ENG.  
0 NITRATE AS NITROGEN 120 UG/L ENV. ENG.  
0 NITRATE AS NITROGEN 120 UG/L ENV. ENG.  
0 LEAD LT 4 UG/L ENV. ENG.  
1 PHENOL 12 UG/L ENV. ENG.  
0 SELENIUM LT 2 UG/L ENV. ENG.  
0 SELENIUM LT 2 UG/L ENV. ENG.  
0 SULFATE LT 5000 UG/L ENV. ENG.  
0 TETRACHLOROETHYLENE LT 1.00 UG/L M-AREA,SRS  
0 TOTAL PHOSPHATES LT 20 UG/L ENV. ENG.  
0 TOTAL PHOSPHATES LT 20 UG/L ENV. ENG.  
0 TRICHLOROETHYLENE LT 1.00 UG/L M-AREA,SRS  
0 TRANS-1,2-DICHLOROETHENE LT 1 UG/L M-AREA,SRS  
0 URANIUM LT 1000 UG/L ENV. ENG.

CONTINUED

WELL MSB 12TB COLLECTED ON 10/30/88 LABORATORY ANALYSES CONTINUED

0 1,1-DICHLOROETHYLENE LT 1 UG/L M-AREA,SRS  
0 1,1,1-TRICHLOROETHANE LT 1 UG/L M-AREA,SRS  
0 ZINC 33 UG/L ENV. ENG.

WELL MSB 13A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/30/88 TIME 1335  
DEPTH TO WATER = 139.57 FT ( 42.54 M) BELOW THE TOC  
WATER ELEVATION = 205.63 FT ( 62.68 M) MSL  
PH = 5.0 ALKALINITY = 1 MG/L  
SPECIFIC CONDUCTANCE = 22 UMHOS/CM  
WATER TEMPERATURE = 19.7 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 198 GAL

LABORATORY ANALYSES

0 SPECIFIC CONDUCTANCE 22.20 UMHOS/CM ENV. ENG.  
0 PH 6.03 PH ENV. ENG.  
0 SILVER LT 2 UG/L ENV. ENG.  
0 ALUMINUM LT 25 UG/L ENV. ENG.  
0 ARSENIC LT 2 UG/L ENV. ENG.  
0 BARIUM LT 4 UG/L ENV. ENG.  
0 CADMIUM LT 2 UG/L ENV. ENG.  
0 CHLOROFORM LT 1 UG/L M-AREA,SRS  
0 CHLORIDE 2200 UG/L ENV. ENG.  
0 CHROMIUM LT 4 UG/L ENV. ENG.  
0 COPPER LT 13 UG/L ENV. ENG.  
0 CYANIDE LT 5 UG/L ENV. ENG.  
0 MERCURY LT 0.20 UG/L ENV. ENG.  
0 SODIUM 1390 UG/L ENV. ENG.  
0 NICKEL LT 4 UG/L ENV. ENG.  
0 NITRATE AS NITROGEN 260 UG/L ENV. ENG.  
0 LEAD LT 6 UG/L ENV. ENG.  
0 PHENOL LT 5 UG/L ENV. ENG.  
0 SELENIUM LT 2 UG/L ENV. ENG.  
0 SULFATE LT 5000 UG/L ENV. ENG.  
0 TETRACHLOROETHYLENE LT 1.00 UG/L M-AREA,SRS  
0 TOTAL PHOSPHATES LT 20 UG/L ENV. ENG.  
2 TRICHLOROETHYLENE 7.81 UG/L M-AREA,SRS  
0 TRANS-1,2-DICHLOROETHENE LT 1 UG/L M-AREA,SRS  
0 URANIUM LT 1000 UG/L ENV. ENG.  
0 1,1-DICHLOROETHYLENE LT 1 UG/L M-AREA,SRS  
0 1,1,1-TRICHLOROETHANE LT 1 UG/L M-AREA,SRS  
0 ZINC 109 UG/L ENV. ENG.

WELL MSB 13B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/30/88 TIME 1309  
DEPTH TO WATER = 146.39 FT ( 44.62 M) BELOW THE TOC  
WATER ELEVATION = 199.21 FT ( 60.72 M) MSL  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 5 GAL

WELL MSB 13B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/12/88 TIME 1650  
DEPTH TO WATER = 152.60 FT ( 46.51 M) BELOW THE TOC  
WATER ELEVATION = 195.00 FT ( 58.83 M) MSL  
PH = 11.7 ALKALINITY = 432 MG/L  
SPECIFIC CONDUCTANCE = 1830 UMHOS/CM  
WATER TEMPERATURE = 18.0 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 1 GAL  
THE WELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

0 CHLOROFORM LT 20 UG/L M-AREA,SRS  
2 TETRACHLOROETHYLENE 53.3 UG/L M-AREA,SRS  
2 TRICHLOROETHYLENE 31.9 UG/L M-AREA,SRS  
0 TRANS-1,2-DICHLOROETHENE LT 20 UG/L M-AREA,SRS  
0 1,1-DICHLOROETHYLENE LT 20 UG/L M-AREA,SRS  
1 1,1,1-TRICHLOROETHANE 6 UG/L M-AREA,SRS

WELL MSB 13C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/30/88 TIME 1325  
THE WELL WAS DRY.

## WELL MSB 14A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/05/88 TIME 1210  
 DEPTH TO WATER = 131.44 FT ( 40.06 M) BELOW THE TOC  
 WATER ELEVATION = 216.86 FT ( 66.10 M) MSL  
 PH = 4.6 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 138 UMHOS/CM  
 WATER TEMPERATURE = 18.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 195 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		152.0 UMHOS	ENV. ENG.
0	PH		4.80 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ALUMINUM		34 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
1	BARIUM		59 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLOROFORM	LT	250 UG/L	M-AREA,SRS
0	CHLORIDE		7800 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER		5 UG/L	ENV. ENG.
0	CYANIDE	LT	5 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
1	SODIUM		8400 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN		12100 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
2	TETRACHLOROETHYLENE		97.5 UG/L	M-AREA,SRS
0	TOTAL PHOSPHATES		30 UG/L	ENV. ENG.
2	TRICHLOROETHYLENE		1270 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	250 UG/L	M-AREA,SRS
0	URANIUM	LT	1000 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	250 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	250 UG/L	M-AREA,SRS
0	ZINC		22 UG/L	ENV. ENG.

## WELL MSB 14B

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/05/88 TIME 1200  
 DEPTH TO WATER = 130.03 FT ( 39.63 M) BELOW THE TOC  
 WATER ELEVATION = 218.67 FT ( 66.65 M) MSL  
 PH = 4.9 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 181 UMHOS/CM  
 WATER TEMPERATURE = 18.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 79 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		113.0 UMHOS	ENV. ENG.
1	PH		7.33 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ALUMINUM		26 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
1	BARIUM		54 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		4100 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER	LT	4 UG/L	ENV. ENG.
0	CYANIDE	LT	5 UG/L	ENV. ENG.
0	CYANIDE	LT	5 UG/L	ENV. ENG.
0	MERCURY	LT	5 UG/L	ENV. ENG.
1	SODIUM		0.20 UG/L	ENV. ENG.
0	NICKEL	LT	19900 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN		17200 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	5 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		20 UG/L	ENV. ENG.
0	URANIUM	LT	1000 UG/L	ENV. ENG.
0	ZINC		56 UG/L	ENV. ENG.

## WELL MSB 14C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/05/88 TIME 1140  
 PH = 8.4 ALKALINITY = 35 MG/L  
 SPECIFIC CONDUCTANCE = 104 UMHOS/CM  
 WATER TEMPERATURE = 20.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 20 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		200.0 UMHOS	ENV. ENG.
0	PH		4.73 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ALUMINUM	LT	20 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		10 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		4700 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.

CONTINUED

## WELL MSB 14C COLLECTED ON 10/05/88 LABORATORY ANALYSES CONTINUED

0	COPPER	LT	4 UG/L	ENV. ENG.
0	CYANIDE	LT	5 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	SODIUM		3400 UG/L	ENV. ENG.
0	NICKEL		6 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		2680 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		60 UG/L	ENV. ENG.
0	URANIUM	LT	1000 UG/L	ENV. ENG.
0	ZINC		35 UG/L	ENV. ENG.

## WELL MSB 15A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/11/88 TIME 1755  
 DEPTH TO WATER = 145.20 FT ( 44.26 M) BELOW THE TOC  
 WATER ELEVATION = 222.00 FT ( 67.67 M) MSL  
 PH = 5.8 ALKALINITY = 11 MG/L  
 SPECIFIC CONDUCTANCE = 43 UMHOS/CM  
 WATER TEMPERATURE = 18.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 158 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		46.10 UMHOS	ENV. ENG.
0	PH		6.36 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ALUMINUM	LT	20 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		12 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		2500 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER		9 UG/L	ENV. ENG.
0	CYANIDE	LT	5 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	SODIUM		1680 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		1210 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	URANIUM	LT	1000 UG/L	ENV. ENG.
0	ZINC		22 UG/L	ENV. ENG.

## WELL MSB 16A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/11/88 TIME 1710  
 DEPTH TO WATER = 145.56 FT ( 44.37 M) BELOW THE TOC  
 WATER ELEVATION = 221.14 FT ( 67.40 M) MSL  
 PH = 5.2 ALKALINITY = 4 MG/L  
 SPECIFIC CONDUCTANCE = 30 UMHOS/CM  
 WATER TEMPERATURE = 19.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 158 GAL

## LABORATORY ANALYSES

0	CHLOROFORM	LT	1000 UG/L	M-AREA,SRS
0	TETRACHLOROETHYLENE	LT	10.0 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		7260 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1000 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	1000 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1000 UG/L	M-AREA,SRS

## WELL MSB 16C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/11/88 TIME 1630  
 DEPTH TO WATER = 134.32 FT ( 40.94 M) BELOW THE TOC  
 WATER ELEVATION = 232.28 FT ( 70.80 M) MSL  
 PH = 5.6 ALKALINITY = 10 MG/L  
 SPECIFIC CONDUCTANCE = 33 UMHOS/CM  
 WATER TEMPERATURE = 20.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 22 GAL

## LABORATORY ANALYSES

0	CHLOROFORM	LT	2000 UG/L	M-AREA,SRS
2	TETRACHLOROETHYLENE		600 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		2240 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	2000 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	2000 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	2000 UG/L	M-AREA,SRS

## WELL MSB 17A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/05/88 TIME 1100  
 DEPTH TO WATER = 141.85 FT ( 43.24 M) BELOW THE TOC  
 WATER ELEVATION = 216.15 FT ( 65.86 M) MSL  
 PH = 4.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 172 UMHOS/CM  
 WATER TEMPERATURE = 18.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 162 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		189.0 UMHG	ENV. ENG.
0	PH		4.42 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ALUMINUM		40 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		39 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		6800 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER		7 UG/L	ENV. ENG.
0	CYANIDE	LT	5 UG/L	ENV. ENG.
0	MERCURY		0.30 UG/L	ENV. ENG.
1	SODIUM		17800 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN		16500 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	URANIUM	LT	1000 UG/L	ENV. ENG.
0	ZINC		47 UG/L	ENV. ENG.
0	ZINC		40 UG/L	ENV. ENG.

## WELL MSB 17B

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/05/88 TIME 1045  
 DEPTH TO WATER = 131.74 FT ( 40.15 M) BELOW THE TOC  
 WATER ELEVATION = 226.16 FT ( 68.93 M) MSL  
 PH = 4.5 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 184 UMHOS/CM  
 WATER TEMPERATURE = 18.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 108 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		198.0 UMHG	ENV. ENG.
0	PH		4.58 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
1	ALUMINUM		151 UG/L	ENV. ENG.
1	ALUMINUM		126 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		19 UG/L	ENV. ENG.
0	CADMIUM	LT	17 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLOROFORM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE	LT	100 UG/L	M-AREA,SRS
0	CHROMIUM		4900 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER	LT	4 UG/L	ENV. ENG.
0	COPPER		9 UG/L	ENV. ENG.
0	CYANIDE	LT	8 UG/L	ENV. ENG.
0	MERCURY	LT	5 UG/L	ENV. ENG.
1	SODIUM		0.20 UG/L	ENV. ENG.
1	SODIUM		31700 UG/L	ENV. ENG.
0	NICKEL	LT	29400 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN		18300 UG/L	ENV. ENG.
0	LEAD	LT	8 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
2	TETRACHLOROETHYLENE		468 UG/L	M-AREA,SRS
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
2	TRICHLOROETHYLENE		80.0 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	100 UG/L	M-AREA,SRS
0	URANIUM	LT	1000 UG/L	ENV. ENG.
0	URANIUM	LT	1000 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	100 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	100 UG/L	M-AREA,SRS
0	ZINC		31 UG/L	ENV. ENG.

## WELL MSB 17C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/05/88 TIME 1020  
 THE WELL WAS DRY.

## WELL MSB 18A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/30/88 TIME 1650  
 DEPTH TO WATER = 129.17 FT ( 39.37 M) BELOW THE TOC  
 WATER ELEVATION = 211.03 FT ( 64.32 M) MSL  
 PH = 4.5 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 37 UMHOS/CM  
 WATER TEMPERATURE = 18.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 140 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		55.20 UMHG	ENV. ENG.
0	SPECIFIC CONDUCTANCE		52.80 UMHG	ENV. ENG.
0	PH		4.79 PH	ENV. ENG.
0	PH		4.96 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ALUMINUM		25 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		9 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0	CHLORIDE		2700 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER		14 UG/L	ENV. ENG.
0	CYANIDE	LT	5 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	SODIUM		2250 UG/L	ENV. ENG.
0	NICKEL		4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		2160 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
2	TETRACHLOROETHYLENE		5.67 UG/L	M-AREA,SRS
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
2	TRICHLOROETHYLENE		10.2 UG/L	M-AREA,SRS
1	TRANS-1,2-DICHLOROETHENE		1 UG/L	M-AREA,SRS
0	URANIUM	LT	1000 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	2 UG/L	M-AREA,SRS
0	ZINC		70 UG/L	ENV. ENG.
0	ZINC		72 UG/L	ENV. ENG.

## WELL MSB 18B

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/30/88 TIME 1710  
 DEPTH TO WATER = 119.76 FT ( 36.50 M) BELOW THE TOC  
 WATER ELEVATION = 220.54 FT ( 67.22 M) MSL  
 PH = 5.1 ALKALINITY = 7 MG/L  
 SPECIFIC CONDUCTANCE = 109 UMHOS/CM  
 WATER TEMPERATURE = 18.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 74 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		115.0 UMHG	ENV. ENG.
0	PH		5.60 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ALUMINUM	LT	20 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		17 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		5200 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER		12 UG/L	ENV. ENG.
0	CYANIDE	LT	5 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
1	SODIUM		13300 UG/L	ENV. ENG.
0	NICKEL		5 UG/L	ENV. ENG.
1	NITRATE AS NITROGEN		9510 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	URANIUM	LT	1000 UG/L	ENV. ENG.
0	ZINC		225 UG/L	ENV. ENG.
1	ZINC		263 UG/L	ENV. ENG.

## WELL MSB 18C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/01/88 TIME 1520  
 DEPTH TO WATER = 114.33 FT ( 34.85 M) BELOW THE TOC  
 WATER ELEVATION = 226.27 FT ( 68.97 M) MSL  
 PH = 4.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 32 UMHOS/CM  
 WATER TEMPERATURE = 19.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 49 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	36.40 UMHC	ENV. ENG.
0	PH	4.85 PH	ENV. ENG.
0	SILVER	LT	ENV. ENG.
0	ALUMINUM	48 UG/L	ENV. ENG.
0	ARSENIC	LT	ENV. ENG.
0	BARIUM	8 UG/L	ENV. ENG.
0	CADMIUM	2 UG/L	ENV. ENG.
0	CHLOROFORM	LT	ENV. ENG.
0	CHLORIDE	1 UG/L	M-AREA,SRS
0	CHROMIUM	3200 UG/L	ENV. ENG.
0	COPPER	4 UG/L	ENV. ENG.
0	CYANIDE	4 UG/L	ENV. ENG.
0	CYANIDE	5 UG/L	ENV. ENG.
0	MERCURY	5 UG/L	ENV. ENG.
0	MERCURY	0.20 UG/L	ENV. ENG.
0	SODIUM	0.20 UG/L	ENV. ENG.
0	NICKEL	2850 UG/L	ENV. ENG.
0	NICKEL	LT	ENV. ENG.
0	NITRATE AS NITROGEN	4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	1730 UG/L	ENV. ENG.
0	LEAD	1710 UG/L	ENV. ENG.
0	PHENOL	LT	ENV. ENG.
0	SELENIUM	6 UG/L	ENV. ENG.
0	SULFATE	5 UG/L	ENV. ENG.
1	TETRACHLOROETHYLENE	2 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	5000 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	4.47 UG/L	M-AREA,SRS
0	TRICHLOROETHYLENE	20 UG/L	ENV. ENG.
1	TRANS-1,2-DICHLOROETHENE	20 UG/L	ENV. ENG.
0	URANIUM	1.65 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	1 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	1000 UG/L	ENV. ENG.
0	ZINC	1 UG/L	M-AREA,SRS
0	ZINC	108 UG/L	ENV. ENG.

## WELL MSB 19A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/19/88 TIME 1210  
 DEPTH TO WATER = 86.76 FT ( 26.44 M) BELOW THE TOC  
 WATER ELEVATION = 212.74 FT ( 64.84 M) MSL  
 PH = 5.2 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 23 UMHOS/CM  
 WATER TEMPERATURE = 18.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 253 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	22.00 UMHC	ENV. ENG.
0	SPECIFIC CONDUCTANCE	20.10 UMHC	M. A.
0	SPECIFIC CONDUCTANCE	27.60 UMHC	ENV. ENG.
0	PH	5.20 PH	ENV. ENG.
0	PH	5.20 PH	ENV. ENG.
0	PH	5.21 PH	ENV. ENG.
0	SILVER	LT	ENV. ENG.
0	SILVER	10 UG/L	ENV. ENG.
0	SILVER	LT	ENV. ENG.
0	ALUMINUM	2 UG/L	ENV. ENG.
0	ALUMINUM	400 UG/L	ENV. ENG.
0	ALUMINUM	200 UG/L	ENV. ENG.
0	ALUMINUM	20 UG/L	ENV. ENG.
0	ALUMINUM	20 UG/L	ENV. ENG.
0	ARSENIC	10 UG/L	ENV. ENG.
0	ARSENIC	5 UG/L	ENV. ENG.
0	ARSENIC	2 UG/L	ENV. ENG.
0	ARSENIC	2 UG/L	ENV. ENG.
0	BARIUM	100 UG/L	ENV. ENG.
0	BARIUM	200 UG/L	ENV. ENG.
0	BARIUM	4 UG/L	ENV. ENG.
0	BARIUM	4 UG/L	ENV. ENG.
0	BERYLLIUM	5 UG/L	ENV. ENG.
0	CALCIUM	5000 UG/L	ENV. ENG.
0	CADMIUM	10 UG/L	ENV. ENG.
0	CADMIUM	5 UG/L	ENV. ENG.
0	CADMIUM	2 UG/L	ENV. ENG.
0	CADMIUM	2 UG/L	ENV. ENG.
0	CHLOROFORM	100 UG/L	ENV. ENG.
0	CHLORIDE	1000 UG/L	ENV. ENG.
0	CHLORIDE	2500 UG/L	ENV. ENG.
0	CHLORIDE	1900 UG/L	ENV. ENG.
0	COBALT	50 UG/L	ENV. ENG.
0	CHROMIUM	50 UG/L	ENV. ENG.
0	CHROMIUM	10 UG/L	ENV. ENG.
0	CHROMIUM	4 UG/L	ENV. ENG.
0	CHROMIUM	4 UG/L	ENV. ENG.
0	COPPER	20 UG/L	ENV. ENG.
0	COPPER	25 UG/L	ENV. ENG.
0	COPPER	4 UG/L	ENV. ENG.
0	COPPER	4 UG/L	ENV. ENG.
0	CYANIDE	20 UG/L	ENV. ENG.
0	CYANIDE	10 UG/L	ENV. ENG.
0	CYANIDE	5 UG/L	ENV. ENG.
0	IRON	100 UG/L	ENV. ENG.
0	MERCURY	0.50 UG/L	ENV. ENG.
0	MERCURY	0.20 UG/L	ENV. ENG.

CONTINUED

## WELL MSB 19A COLLECTED ON 11/19/88 LABORATORY ANALYSES CONTINUED

0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	POTASSIUM	LT	5000 UG/L	M. A.
0	MAGNESIUM	LT	5000 UG/L	M. A.
0	MANGANESE	LT	15 UG/L	M. A.
0	SODIUM	LT	5000 UG/L	ENV. ENG.
0	SODIUM	LT	5000 UG/L	M. A.
0	SODIUM	LT	1970 UG/L	ENV. ENG.
0	SODIUM	LT	1640 UG/L	ENV. ENG.
0	NICKEL	LT	50 UG/L	ENV. ENG.
0	NICKEL	LT	40 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	LT	1300 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	LT	1200 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	LT	1340 UG/L	ENV. ENG.
0	LEAD	LT	10 UG/L	ENV. ENG.
0	LEAD	LT	5 UG/L	ENV. ENG.
0	LEAD	LT	11 UG/L	ENV. ENG.
0	PHENOL	LT	10 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	ANTIMONY	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	60 UG/L	M. A.
0	SELENIUM	LT	10 UG/L	ENV. ENG.
0	SELENIUM	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA	LT	2630 UG/L	M. A.
0	TIN	LT	100 UG/L	M. A.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	LT	100 UG/L	M-AREA,SRS
0	TOTAL PHOSPHATES	LT	10 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
2	TRICHLOROETHYLENE	LT	124 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	100 UG/L	M-AREA,SRS
0	URANIUM	LT	1000 UG/L	ENV. ENG.
0	URANIUM	LT	1000 UG/L	ENV. ENG.
0	URANIUM	LT	1000 UG/L	ENV. ENG.
0	URANIUM	LT	1000 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	100 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	100 UG/L	M-AREA,SRS
0	ZINC	LT	40 UG/L	ENV. ENG.
0	ZINC	LT	69 UG/L	M. A.
0	ZINC	LT	65 UG/L	ENV. ENG.
0	ZINC	LT	57 UG/L	ENV. ENG.

## WELL MSB 19A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/19/88 TIME 1210  
 DEPTH TO WATER = 86.76 FT ( 26.44 M) BELOW THE TOC  
 WATER ELEVATION = 212.74 FT ( 64.84 M) MSL  
 PH = 5.2 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 23 UMHOS/CM  
 WATER TEMPERATURE = 18.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 253 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	27.80 UMHC	ENV. ENG.	
0	PH	5.23 PH	ENV. ENG.	
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ALUMINUM	LT	20 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM	LT	4 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLOROFORM	LT	20 UG/L	M-AREA,SRS
0	CHLORIDE	LT	2100 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER	LT	4 UG/L	ENV. ENG.
0	CYANIDE	LT	5 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	SODIUM	LT	1840 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	LT	1510 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
2	TETRACHLOROETHYLENE	LT	72.8 UG/L	M-AREA,SRS
0	TOTAL PHOSPHATES	LT	30 UG/L	ENV. ENG.
2	TRICHLOROETHYLENE	LT	345 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	20 UG/L	M-AREA,SRS
0	URANIUM	LT	1000 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	20 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	20 UG/L	M-AREA,SRS
0	ZINC	LT	55 UG/L	ENV. ENG.

## WELL MSB 198

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/30/88 TIME 1435  
 DEPTH TO WATER = 83.94 FT ( 25.59 M) BELOW THE TOC  
 WATER ELEVATION = 215.96 FT ( 65.83 M) MSL  
 PH = 9.8 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 19 UMHOS/CM  
 WATER TEMPERATURE = 18.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 192 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		24.40 UMHC	ENV. ENG.
0	PH		5.80 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ALUMINUM	LT	20 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		4 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0	CHLORIDE		1800 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER	LT	7 UG/L	ENV. ENG.
0	CYANIDE	LT	5 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	SODIUM		1500 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		1050 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
2	TRICHLOROETHYLENE		9.23 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0	URANIUM	LT	1000 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS
0	ZINC		109 UG/L	ENV. ENG.

## WELL MSB 19C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/30/88 TIME 1455  
 DEPTH TO WATER = 62.72 FT ( 19.12 M) BELOW THE TOC  
 WATER ELEVATION = 237.48 FT ( 72.38 M) MSL  
 PH = 5.2 ALKALINITY = 10 MG/L  
 SPECIFIC CONDUCTANCE = 350 UMHOS/CM  
 WATER TEMPERATURE = 18.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 112 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	LT	10.00 UMHC	ENV. ENG.
0	PH		5.79 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ALUMINUM	LT	20 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		29 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		5200 UG/L	ENV. ENG.
0	CHLORIDE		6100 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER		11 UG/L	ENV. ENG.
0	CYANIDE	LT	5 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
1	SODIUM		24400 UG/L	ENV. ENG.
0	NICKEL		5 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		2690 UG/L	ENV. ENG.
0	LEAD		12 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
2	SULFATE		126000 UG/L	ENV. ENG.
2	SULFATE		130000 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	URANIUM	LT	1000 UG/L	ENV. ENG.
1	ZINC		1840 UG/L	ENV. ENG.
1	ZINC		1640 UG/L	ENV. ENG.

## WELL MSB 20A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/01/88 TIME 1145  
 DEPTH TO WATER = 135.02 FT ( 41.15 M) BELOW THE TOC  
 WATER ELEVATION = 218.98 FT ( 66.75 M) MSL  
 PH = 5.6 ALKALINITY = 2 MG/L  
 SPECIFIC CONDUCTANCE = 24 UMHOS/CM  
 WATER TEMPERATURE = 18.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 163 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		29.40 UMHC	ENV. ENG.
0	PH		5.43 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ALUMINUM	LT	20 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		5 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.

CONTINUED

## WELL MSB 20A COLLECTED ON 11/01/88 LABORATORY ANALYSES CONTINUED

0	CHLOROFORM	LT	100 UG/L	M-AREA,SRS
0	CHLORIDE		1800 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER		7 UG/L	ENV. ENG.
0	CYANIDE	LT	5 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	SODIUM		1330 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		1440 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	LT	10.0 UG/L	M-AREA,SRS
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
2	TRICHLOROETHYLENE		1520 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	100 UG/L	M-AREA,SRS
0	URANIUM	LT	1000 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	100 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	100 UG/L	M-AREA,SRS
0	ZINC		166 UG/L	ENV. ENG.

## WELL MSB 20C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/01/88 TIME 1105  
 DEPTH TO WATER = 125.12 FT ( 38.14 M) BELOW THE TOC  
 WATER ELEVATION = 228.18 FT ( 69.55 M) MSL  
 PH = 10.1 ALKALINITY = 58 MG/L  
 SPECIFIC CONDUCTANCE = 130 UMHOS/CM  
 WATER TEMPERATURE = 18.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 103 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		159.0 UMHC	ENV. ENG.
2	PH		9.68 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
1	ALUMINUM		240 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		7 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0	CHLORIDE		2400 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER		11 UG/L	ENV. ENG.
0	CYANIDE	LT	5 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	SODIUM		2910 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		2710 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0	TOTAL PHOSPHATES		50 UG/L	ENV. ENG.
0	TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0	URANIUM	LT	1000 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS
0	ZINC		52 UG/L	ENV. ENG.

## WELL MSB 21A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/19/88 TIME 1445  
 DEPTH TO WATER = 132.31 FT ( 40.33 M) BELOW THE TOC  
 WATER ELEVATION = 221.09 FT ( 67.39 M) MSL  
 PH = 5.5 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 22 UMHOS/CM  
 WATER TEMPERATURE = 18.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 178 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		21.00 UMHC	ENV. LAB.
0	SPECIFIC CONDUCTANCE		19.50 UMHC	M. A.
0	SPECIFIC CONDUCTANCE		25.30 UMHC	ENV. ENG.
0	PH		5.40 PH	ENV. LAB.
0	PH		5.40 PH	M. A.
0	PH		5.46 PH	ENV. ENG.
0	SILVER	LT	10 UG/L	ENV. LAB.
0	SILVER	LT	10 UG/L	M. A.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ALUMINUM	LT	400 UG/L	ENV. LAB.
0	ALUMINUM		332 UG/L	M. A.
0	ARSENIC	LT	20 UG/L	ENV. ENG.
0	ARSENIC	LT	10 UG/L	ENV. LAB.
0	ARSENIC	LT	5 UG/L	M. A.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM	LT	100 UG/L	ENV. LAB.
0	BARIUM	LT	200 UG/L	M. A.
0	BERYLLIUM	LT	4 UG/L	ENV. ENG.
0	CALCIUM	LT	5 UG/L	M. A.
0	CADMIUM	LT	5000 UG/L	M. A.
0	CADMIUM	LT	10 UG/L	ENV. LAB.
0	CADMIUM	LT	5 UG/L	M. A.
0	CADMIUM	LT	2 UG/L	ENV. ENG.

CONTINUED

WELL MSB 21A COLLECTED ON 11/19/88 LABORATORY ANALYSES CONTINUED

1	CHLOROFORM		1	UG/L	M-AREA,SRS
0	CHLORIDE		2000	UG/L	ENV. LAB.
0	CHLORIDE	LT	2500	UG/L	M. A.
0	CHLORIDE		2500	UG/L	ENV. ENG.
0	COBALT	LT	50	UG/L	M. A.
0	CHROMIUM	LT	50	UG/L	ENV. LAB.
1	CHROMIUM		10	UG/L	M. A.
0	CHROMIUM	LT	4	UG/L	ENV. ENG.
0	COPPER	LT	20	UG/L	ENV. LAB.
0	COPPER	LT	25	UG/L	M. A.
0	COPPER	LT	4	UG/L	ENV. ENG.
0	CYANIDE	LT	20	UG/L	ENV. LAB.
0	CYANIDE	LT	10	UG/L	M. A.
0	CYANIDE	LT	5	UG/L	ENV. ENG.
0	IRON	LT	100	UG/L	M. A.
0	MERCURY	LT	0.50	UG/L	ENV. LAB.
0	MERCURY	LT	0.20	UG/L	M. A.
0	MERCURY	LT	0.20	UG/L	ENV. ENG.
0	POTASSIUM	LT	5000	UG/L	M. A.
0	MAGNESIUM	LT	5000	UG/L	M. A.
1	MANGANESE		27	UG/L	M. A.
0	SODIUM	LT	5000	UG/L	ENV. LAB.
0	SODIUM	LT	5000	UG/L	M. A.
0	SODIUM		1650	UG/L	ENV. ENG.
0	SODIUM		1750	UG/L	ENV. ENG.
0	NICKEL	LT	5	UG/L	ENV. LAB.
0	NICKEL	LT	40	UG/L	M. A.
0	NICKEL	LT	4	UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		1000	UG/L	ENV. LAB.
0	NITRATE AS NITROGEN		920	UG/L	M. A.
0	NITRATE AS NITROGEN		1020	UG/L	ENV. ENG.
0	LEAD	LT	10	UG/L	ENV. LAB.
0	LEAD		5	UG/L	M. A.
0	LEAD	LT	6	UG/L	ENV. ENG.
0	PHENOL	LT	5	UG/L	ENV. LAB.
0	PHENOL	LT	5	UG/L	M. A.
0	PHENOL	LT	5	UG/L	ENV. ENG.
0	ANTIMONY		60	UG/L	M. A.
0	SELENIUM	LT	10	UG/L	ENV. LAB.
0	SELENIUM	LT	5	UG/L	M. A.
0	SELENIUM	LT	2	UG/L	ENV. ENG.
1	SILICA		2400	UG/L	M. A.
0	TIN	LT	100	UG/L	M. A.
0	SULFATE	LT	5000	UG/L	ENV. LAB.
0	SULFATE	LT	5000	UG/L	M. A.
0	SULFATE	LT	5000	UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	LT	1.00	UG/L	M-AREA,SRS
0	TOTAL PHOSPHATES	LT	10	UG/L	ENV. LAB.
0	TOTAL PHOSPHATES	LT	20	UG/L	M. A.
0	TOTAL PHOSPHATES		40	UG/L	ENV. ENG.
2	TRICHLOROETHYLENE		3.87	UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	UG/L	M-AREA,SRS
0	URANIUM	LT	1000	UG/L	ENV. LAB.
0	URANIUM	LT	1000	UG/L	M. A.
0	URANIUM	LT	1000	UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	1	UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	UG/L	M-AREA,SRS
0	ZINC		50	UG/L	ENV. LAB.
0	ZINC		128	UG/L	M. A.
0	ZINC		72	UG/L	ENV. ENG.
0	ZINC		70	UG/L	ENV. ENG.

WELL MSB 21A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/19/88 TIME 1445  
 DEPTH TO WATER = 132.31 FT ( 40.33 M) BELOW THE TOC  
 WATER ELEVATION = 221.09 FT ( 67.39 M) MSL  
 PH = 5.5 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 22 UMHOS/CM  
 WATER TEMPERATURE = 18.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 178 GAL

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		24.10	UMHC	ENV. ENG.
0	PH		5.49	PH	ENV. ENG.
0	SILVER	LT	2	UG/L	ENV. ENG.
0	ALUMINUM	LT	20	UG/L	ENV. ENG.
0	ARSENIC	LT	2	UG/L	ENV. ENG.
0	BARIIUM	LT	4	UG/L	ENV. ENG.
0	CADMIUM	LT	2	UG/L	ENV. ENG.
0	CHLOROFORM	LT	10	UG/L	M-AREA,SRS
0	CHLORIDE		2200	UG/L	ENV. ENG.
0	CHROMIUM	LT	4	UG/L	ENV. ENG.
0	COPPER	LT	4	UG/L	ENV. ENG.
0	CYANIDE	LT	5	UG/L	ENV. ENG.
0	MERCURY	LT	0.20	UG/L	ENV. ENG.
0	SODIUM		1750	UG/L	ENV. ENG.
0	NICKEL	LT	4	UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		1030	UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		1030	UG/L	ENV. ENG.
0	LEAD	LT	6	UG/L	ENV. ENG.
0	PHENOL	LT	5	UG/L	ENV. ENG.
0	PHENOL	LT	5	UG/L	ENV. ENG.
0	SELENIUM	LT	2	UG/L	ENV. ENG.
0	SULFATE	LT	5000	UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	LT	10.0	UG/L	M-AREA,SRS
1	TOTAL PHOSPHATES		940	UG/L	ENV. ENG.
0	TRICHLOROETHYLENE	LT	10.0	UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	10	UG/L	M-AREA,SRS
0	URANIUM	LT	1000	UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	10	UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	10	UG/L	M-AREA,SRS
0	ZINC		77	UG/L	ENV. ENG.

WELL MSB 21C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/01/88 TIME 1235  
 DEPTH TO WATER = 122.67 FT ( 37.39 M) BELOW THE TOC  
 WATER ELEVATION = 230.75 FT ( 70.33 M) MSL  
 PH = 5.1 ALKALINITY = 2 MG/L  
 SPECIFIC CONDUCTANCE = 22 UMHOS/CM  
 WATER TEMPERATURE = 18.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 50 GAL

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		23.20	UMHC	ENV. ENG.
0	PH		5.34	PH	ENV. ENG.
0	SILVER	LT	2	UG/L	ENV. ENG.
0	SILVER	LT	2	UG/L	ENV. ENG.
0	ALUMINUM	LT	20	UG/L	ENV. ENG.
0	ARSENIC	LT	2	UG/L	ENV. ENG.
0	BARIIUM		7	UG/L	ENV. ENG.
0	CADMIUM	LT	2	UG/L	ENV. ENG.
1	CHLOROFORM		3	UG/L	M-AREA,SRS
0	CHLORIDE		2800	UG/L	ENV. ENG.
0	CHROMIUM	LT	4	UG/L	ENV. ENG.
0	COPPER		6	UG/L	ENV. ENG.
0	CYANIDE	LT	5	UG/L	ENV. ENG.
0	MERCURY	LT	0.20	UG/L	ENV. ENG.
0	SODIUM		1490	UG/L	ENV. ENG.
0	NICKEL		4	UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		770	UG/L	ENV. ENG.
0	LEAD	LT	6	UG/L	ENV. ENG.
0	PHENOL	LT	5	UG/L	ENV. ENG.
0	SELENIUM	LT	2	UG/L	ENV. ENG.
0	SULFATE	LT	5000	UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	LT	1.00	UG/L	M-AREA,SRS
0	TOTAL PHOSPHATES	LT	20	UG/L	ENV. ENG.
0	TRICHLOROETHYLENE	LT	1.00	UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	UG/L	M-AREA,SRS
0	URANIUM	LT	1000	UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	1	UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	UG/L	M-AREA,SRS
0	ZINC		110	UG/L	ENV. ENG.

WELL MSB 21TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/01/88 TIME 1350  
 DEPTH TO WATER = 162.96 FT ( 49.66 M) BELOW THE TOC  
 WATER ELEVATION = 191.76 FT ( 58.45 M) MSL  
 PH = 5.9 ALKALINITY = 16 MG/L  
 SPECIFIC CONDUCTANCE = 62 UMHOS/CM  
 WATER TEMPERATURE = 19.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 450 GAL

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		64.20	UMHC	ENV. ENG.
0	PH		5.91	PH	ENV. ENG.
0	SILVER	LT	2	UG/L	ENV. ENG.
0	ALUMINUM		22	UG/L	ENV. ENG.
0	ALUMINUM		24	UG/L	ENV. ENG.
0	ARSENIC	LT	2	UG/L	ENV. ENG.
0	BARIIUM		12	UG/L	ENV. ENG.
0	BARIIUM		12	UG/L	ENV. ENG.
0	CADMIUM	LT	2	UG/L	ENV. ENG.
0	CADMIUM	LT	2	UG/L	ENV. ENG.
0	CHLOROFORM	LT	1	UG/L	M-AREA,SRS
0	CHLORIDE		2200	UG/L	ENV. ENG.
0	CHROMIUM	LT	4	UG/L	ENV. ENG.
0	CHROMIUM	LT	4	UG/L	ENV. ENG.
0	COPPER		10	UG/L	ENV. ENG.
0	CYANIDE	LT	5	UG/L	ENV. ENG.
0	MERCURY	LT	0.20	UG/L	ENV. ENG.
0	SODIUM		1850	UG/L	ENV. ENG.
0	SODIUM		1850	UG/L	ENV. ENG.
0	NICKEL		8	UG/L	ENV. ENG.
0	NICKEL		5	UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		60	UG/L	ENV. ENG.
0	LEAD	LT	6	UG/L	ENV. ENG.
0	LEAD		7	UG/L	ENV. ENG.
1	PHENOL		7	UG/L	ENV. ENG.
1	PHENOL		7	UG/L	ENV. ENG.
0	SELENIUM	LT	2	UG/L	ENV. ENG.
0	SULFATE		9600	UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	LT	1.00	UG/L	M-AREA,SRS
0	TOTAL PHOSPHATES	LT	20	UG/L	ENV. ENG.
0	TRICHLOROETHYLENE	LT	1.00	UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1	UG/L	M-AREA,SRS
0	URANIUM	LT	1000	UG/L	ENV. ENG.
0	URANIUM	LT	1000	UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	1	UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1	UG/L	M-AREA,SRS
1	ZINC		263	UG/L	ENV. ENG.



## WELL MSB 22

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/11/88 TIME 1525  
 DEPTH TO WATER = 127.23 FT ( 38.78 M) BELOW THE TOC  
 WATER ELEVATION = 231.77 FT ( 70.64 M) MSL  
 PH = 5.6 ALKALINITY = 17 MG/L  
 SPECIFIC CONDUCTANCE = 128 UMHOS/CM  
 WATER TEMPERATURE = 20.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 26 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	131.0 UMHC	ENV. ENG.
0	PH	6.08	ENV. ENG.
0	SILVER	2 UG/L	ENV. ENG.
0	SILVER	2 UG/L	ENV. ENG.
2	ALUMINUM	523 UG/L	ENV. ENG.
0	ARSENIC	2 UG/L	ENV. ENG.
0	ARSENIC	2 UG/L	ENV. ENG.
0	BARIUM	42 UG/L	ENV. ENG.
0	CADMIUM	2 UG/L	ENV. ENG.
0	CHLOROFORM	20000 UG/L	M-AREA,SRS
0	CHLORIDE	5200 UG/L	ENV. ENG.
0	CHROMIUM	4 UG/L	ENV. ENG.
0	COPPER	17 UG/L	ENV. ENG.
0	CYANIDE	5 UG/L	ENV. ENG.
0	MERCURY	0.20 UG/L	ENV. ENG.
0	SODIUM	3300 UG/L	ENV. ENG.
0	NICKEL	6 UG/L	ENV. ENG.
1	NITRATE AS NITROGEN	8780 UG/L	ENV. ENG.
2	LEAD	54 UG/L	ENV. ENG.
2	LEAD	53 UG/L	ENV. ENG.
0	PHENOL	5 UG/L	ENV. ENG.
0	SELENIUM	2 UG/L	ENV. ENG.
0	SELENIUM	2 UG/L	ENV. ENG.
0	SULFATE	5000 UG/L	ENV. ENG.
2	TETRACHLOROETHYLENE	180000 UG/L	M-AREA,SRS
0	TOTAL DISSOLVED SOLIDS	152000 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	20 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	20 UG/L	ENV. ENG.
2	TRICHLOROETHYLENE	50800 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	20000 UG/L	M-AREA,SRS
0	URANIUM	1000 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	20000 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	20000 UG/L	M-AREA,SRS
1	ZINC	376 UG/L	ENV. ENG.

## WELL MSB 22

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/15/88 TIME 1520  
 PH = 5.9 ALKALINITY = 17 MG/L  
 SPECIFIC CONDUCTANCE = 131 UMHOS/CM  
 WATER TEMPERATURE = 21.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 32 GAL

## WELL MSB 22

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/16/88 TIME 1615  
 PH = 6.0 ALKALINITY = 17 MG/L  
 SPECIFIC CONDUCTANCE = 125 UMHOS/CM  
 WATER TEMPERATURE = 20.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 32 GAL

## LABORATORY ANALYSES

0	BROMODICHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0	TRICHLOROFLUOROMETHANE	LT	5 UG/L	ENV. ENG.
0	CARBON TETRACHLORIDE	LT	5.00 UG/L	ENV. ENG.
0	BROMOFORM	LT	10 UG/L	ENV. ENG.
1	CHLOROFORM	LT	5 UG/L	ENV. ENG.
0	METHYLENE CHLORIDE	LT	5 UG/L	ENV. ENG.
0	BROMOMETHANE	LT	10 UG/L	ENV. ENG.
0	CHLOROMETHANE	LT	10 UG/L	ENV. ENG.
1	CHLOROBENZENE	LT	12 UG/L	ENV. ENG.
0	COBALT	LT	4 UG/L	ENV. ENG.
1	COBALT	LT	7 UG/L	ENV. ENG.
0	CHLOROETHENE	LT	10 UG/L	ENV. ENG.
0	CHLOROETHANE	LT	10 UG/L	ENV. ENG.
0	BENZENE	LT	5 UG/L	ENV. ENG.
0	DIBROMOCHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0	ETHYLBENZENE	LT	5 UG/L	ENV. ENG.
1	TOLUENE	LT	5 UG/L	ENV. ENG.
0	1,1,2,2-TETRACHLOROETHANE	LT	10 UG/L	ENV. ENG.
2	TETRACHLOROETHYLENE	LT	130000 UG/L	ENV. ENG.
2	TRICHLOROETHYLENE	LT	51000 UG/L	ENV. ENG.
1	TRANS-1,2-DICHLOROETHENE	LT	224 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	5 UG/L	ENV. ENG.
0	1,1,1-TRICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,1,2-TRICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,2-DICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,2-DICHLOROETHANE	LT	1 UG/L	ENV. ENG.
0	CIS-1,3-DICHLOROPROPENE	LT	10 UG/L	ENV. ENG.
0	TRANS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0	2-CHLOROETHYLVINYL ETHER	LT	10 UG/L	ENV. ENG.

## WELL MSB 22

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/04/88 TIME 1405  
 PH = 6.2 ALKALINITY = 23 MG/L  
 SPECIFIC CONDUCTANCE = 140 UMHOS/CM  
 WATER TEMPERATURE = 21.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 32 GAL

## LABORATORY ANALYSES

0	BROMODICHLOROMETHANE	LT	5000 UG/L	ENV. ENG.
0	TRICHLOROFLUOROMETHANE	LT	5000 UG/L	ENV. ENG.
0	CARBON TETRACHLORIDE	LT	5000 UG/L	ENV. ENG.
0	BROMOFORM	LT	10000 UG/L	ENV. ENG.
0	CHLOROFORM	LT	5000 UG/L	ENV. ENG.
0	METHYLENE CHLORIDE	LT	5000 UG/L	ENV. ENG.
0	BROMOMETHANE	LT	10000 UG/L	ENV. ENG.
0	CHLOROMETHANE	LT	10000 UG/L	ENV. ENG.
0	CHLOROBENZENE	LT	5000 UG/L	ENV. ENG.
1	COBALT	LT	6 UG/L	ENV. ENG.
0	CHLOROETHENE	LT	10000 UG/L	ENV. ENG.
0	CHLOROETHANE	LT	10000 UG/L	ENV. ENG.
0	BENZENE	LT	5000 UG/L	ENV. ENG.
0	DIBROMOCHLOROMETHANE	LT	5000 UG/L	ENV. ENG.
0	ETHYLBENZENE	LT	5000 UG/L	ENV. ENG.
0	TOLUENE	LT	5000 UG/L	ENV. ENG.
0	1,1,2,2-TETRACHLOROETHANE	LT	10000 UG/L	ENV. ENG.
2	TETRACHLOROETHYLENE	LT	9608 UG/L	ENV. ENG.
2	TRICHLOROETHYLENE	LT	3503 UG/L	ENV. ENG.
0	TRANS-1,2-DICHLOROETHENE	LT	5000 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	5000 UG/L	ENV. ENG.
0	1,1-DICHLOROETHANE	LT	5000 UG/L	ENV. ENG.
0	1,1,1-TRICHLOROETHANE	LT	5000 UG/L	ENV. ENG.
0	1,1,2-TRICHLOROETHANE	LT	5000 UG/L	ENV. ENG.
0	1,2-DICHLOROETHANE	LT	1000 UG/L	ENV. ENG.
0	1,2-DICHLOROPROPANE	LT	10000 UG/L	ENV. ENG.
0	CIS-1,3-DICHLOROPROPENE	LT	5000 UG/L	ENV. ENG.
0	TRANS-1,3-DICHLOROPROPENE	LT	5000 UG/L	ENV. ENG.
0	2-CHLOROETHYLVINYL ETHER	LT	10000 UG/L	ENV. ENG.

## WELL MSB 22

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/04/88 TIME 1405  
 PH = 6.2 ALKALINITY = 23 MG/L  
 SPECIFIC CONDUCTANCE = 140 UMHOS/CM  
 WATER TEMPERATURE = 21.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 32 GAL

## LABORATORY ANALYSES

0	BROMODICHLOROMETHANE	LT	5000 UG/L	ENV. ENG.
0	TRICHLOROFLUOROMETHANE	LT	5000 UG/L	ENV. ENG.
0	CARBON TETRACHLORIDE	LT	5000 UG/L	ENV. ENG.
0	BROMOFORM	LT	10000 UG/L	ENV. ENG.
0	CHLOROFORM	LT	5000 UG/L	ENV. ENG.
0	METHYLENE CHLORIDE	LT	5000 UG/L	ENV. ENG.
0	BROMOMETHANE	LT	10000 UG/L	ENV. ENG.
0	CHLOROMETHANE	LT	10000 UG/L	ENV. ENG.
0	CHLOROBENZENE	LT	5000 UG/L	ENV. ENG.
1	COBALT	LT	6 UG/L	ENV. ENG.
0	CHLOROETHENE	LT	10000 UG/L	ENV. ENG.
0	CHLOROETHANE	LT	10000 UG/L	ENV. ENG.
0	BENZENE	LT	5000 UG/L	ENV. ENG.
0	DIBROMOCHLOROMETHANE	LT	5000 UG/L	ENV. ENG.
0	ETHYLBENZENE	LT	5000 UG/L	ENV. ENG.
0	TOLUENE	LT	5000 UG/L	ENV. ENG.
0	1,1,2,2-TETRACHLOROETHANE	LT	10000 UG/L	ENV. ENG.
2	TETRACHLOROETHYLENE	LT	90936 UG/L	ENV. ENG.
2	TRICHLOROETHYLENE	LT	37191 UG/L	ENV. ENG.
0	TRANS-1,2-DICHLOROETHENE	LT	5000 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	5000 UG/L	ENV. ENG.
0	1,1-DICHLOROETHANE	LT	5000 UG/L	ENV. ENG.
0	1,1,1-TRICHLOROETHANE	LT	5000 UG/L	ENV. ENG.
0	1,1,2-TRICHLOROETHANE	LT	5000 UG/L	ENV. ENG.
0	1,2-DICHLOROETHANE	LT	1000 UG/L	ENV. ENG.
0	1,2-DICHLOROPROPANE	LT	10000 UG/L	ENV. ENG.
0	CIS-1,3-DICHLOROPROPENE	LT	5000 UG/L	ENV. ENG.
0	TRANS-1,3-DICHLOROPROPENE	LT	5000 UG/L	ENV. ENG.
0	2-CHLOROETHYLVINYL ETHER	LT	10000 UG/L	ENV. ENG.

## WELL MSB 23

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/01/88 TIME 935  
 THE WELL WAS DRY.

## WELL MSB 23B

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/01/88 TIME 950  
 DEPTH TO WATER = 147.89 FT ( 45.08 M) BELOW THE TOC  
 WATER ELEVATION = 223.71 FT ( 68.19 M) MSL  
 PH = 5.4 ALKALINITY = 4 MG/L  
 SPECIFIC CONDUCTANCE = 29 UMHOS/CM  
 WATER TEMPERATURE = 19.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 138 GAL

## LABORATORY ANALYSES

0	CHLOROFORM	LT	1000 UG/L	M-AREA,SRS
0	TETRACHLOROETHYLENE	LT	100 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		2480 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1000 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	1000 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1000 UG/L	M-AREA,SRS

## WELL MSB 23TA

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/05/88 TIME 1323  
 THE WELL WAS DRY.

## WELL MSB 23TA

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/07/88 TIME 1411  
 PH = 4.3 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 25 UMHOS/CM  
 WATER TEMPERATURE = 19.5 DEGREES CELSIUS  
 THE WELL IS CONTINUOUSLY PUMPING.

## LABORATORY ANALYSES

0	CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0	TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0	TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 23TA

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/12/88 TIME 1424  
 PH = 4.4 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 28 UMHOS/CM  
 WATER TEMPERATURE = 20.1 DEGREES CELSIUS  
 THE WELL IS CONTINUOUSLY PUMPING.

## LABORATORY ANALYSES

0	CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0	TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0	TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 23TA

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/19/88 TIME 1320  
 PH = 4.3 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 26 UMHOS/CM  
 WATER TEMPERATURE = 20.4 DEGREES CELSIUS  
 THE WELL IS CONTINUOUSLY PUMPING.

## LABORATORY ANALYSES

0	CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0	TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0	TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 23TA

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/26/88 TIME 1532  
 PH = 4.4 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 27 UMHOS/CM  
 WATER TEMPERATURE = 19.7 DEGREES CELSIUS  
 THE WELL IS CONTINUOUSLY PUMPING.

## LABORATORY ANALYSES

0	CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0	TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0	TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 23TA

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/01/88 TIME 925  
 DEPTH TO WATER = 176.13 FT ( 53.69 M) BELOW THE TOC  
 WATER ELEVATION = 196.77 FT ( 59.98 M) MSL  
 PH = 4.5 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 26 UMHOS/CM  
 WATER TEMPERATURE = 18.6 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0	CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0	TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0	TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 23TA

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/01/88 TIME 955  
 DEPTH TO WATER = 176.13 FT ( 53.69 M) BELOW THE TOC  
 WATER ELEVATION = 196.77 FT ( 59.98 M) MSL  
 PH = 5.3 ALKALINITY = 3 MG/L  
 SPECIFIC CONDUCTANCE = 27 UMHOS/CM  
 WATER TEMPERATURE = 18.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 90 GAL

## LABORATORY ANALYSES

## THESE ANALYSES ARE FROM UNFILTERED SAMPLES

0	CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0	TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		27.7 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 23TA

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/01/88 TIME 1020  
 DEPTH TO WATER = 176.13 FT ( 53.69 M) BELOW THE TOC  
 WATER ELEVATION = 196.77 FT ( 59.98 M) MSL  
 PH = 4.6 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 25 UMHOS/CM  
 WATER TEMPERATURE = 19.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 180 GAL

## LABORATORY ANALYSES

0	CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0	TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
1	TRICHLOROETHYLENE		1.99 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 23TA

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/01/88 TIME 1050  
 DEPTH TO WATER = 176.13 FT ( 53.69 M) BELOW THE TOC  
 WATER ELEVATION = 196.77 FT ( 59.98 M) MSL  
 PH = 4.5 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 25 UMHOS/CM  
 WATER TEMPERATURE = 19.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 270 GAL

## LABORATORY ANALYSES

## THESE ANALYSES ARE FROM UNFILTERED SAMPLES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
1 TRICHLOROETHYLENE		1.45 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 23TA

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/01/88 TIME 1120  
 DEPTH TO WATER = 176.13 FT ( 53.69 M) BELOW THE TOC  
 WATER ELEVATION = 196.77 FT ( 59.98 M) MSL  
 PH = 4.5 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 25 UMHOS/CM  
 WATER TEMPERATURE = 19.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 360 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 23TA

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/04/88 TIME 1210  
 DEPTH TO WATER = 175.65 FT ( 53.54 M) BELOW THE TOC  
 WATER ELEVATION = 197.25 FT ( 60.12 M) MSL  
 PH = 4.4 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 26 UMHOS/CM  
 WATER TEMPERATURE = 19.3 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 23TA

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/04/88 TIME 1235  
 DEPTH TO WATER = 175.65 FT ( 53.54 M) BELOW THE TOC  
 WATER ELEVATION = 197.25 FT ( 60.12 M) MSL  
 PH = 5.2 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 28 UMHOS/CM  
 WATER TEMPERATURE = 19.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 95 GAL

## LABORATORY ANALYSES

## THESE ANALYSES ARE FROM UNFILTERED SAMPLES

0 CHLOROFORM	LT	10 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	10.0 UG/L	M-AREA,SRS
2 TRICHLOROETHYLENE		43.3 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	10 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	10 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	10 UG/L	M-AREA,SRS

## WELL MSB 23TA

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/04/88 TIME 1305  
 DEPTH TO WATER = 175.65 FT ( 53.54 M) BELOW THE TOC  
 WATER ELEVATION = 197.25 FT ( 60.12 M) MSL  
 PH = 4.6 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 26 UMHOS/CM  
 WATER TEMPERATURE = 19.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 190 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
1 TRICHLOROETHYLENE		1.75 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 23TA

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/04/88 TIME 1335  
 DEPTH TO WATER = 175.65 FT ( 53.54 M) BELOW THE TOC  
 WATER ELEVATION = 197.25 FT ( 60.12 M) MSL  
 PH = 4.5 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 26 UMHOS/CM  
 WATER TEMPERATURE = 19.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 285 GAL

## LABORATORY ANALYSES

## THESE ANALYSES ARE FROM UNFILTERED SAMPLES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
1 TRICHLOROETHYLENE		1.36 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 23TA

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/04/88 TIME 1405  
 DEPTH TO WATER = 175.65 FT ( 53.54 M) BELOW THE TOC  
 WATER ELEVATION = 197.25 FT ( 60.12 M) MSL  
 PH = 4.5 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 26 UMHOS/CM  
 WATER TEMPERATURE = 19.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 380 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
1 TRICHLOROETHYLENE		1.06 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 23TA

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/11/88 TIME 835  
 DEPTH TO WATER = 176.56 FT ( 53.82 M) BELOW THE TOC  
 WATER ELEVATION = 196.34 FT ( 59.85 M) MSL  
 PH = 4.4 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 28 UMHOS/CM  
 WATER TEMPERATURE = 19.1 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
1 TRICHLOROETHYLENE		1.53 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 23TA

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/11/88 TIME 902  
 DEPTH TO WATER = 176.56 FT ( 53.82 M) BELOW THE TOC  
 WATER ELEVATION = 196.34 FT ( 59.85 M) MSL  
 PH = 5.1 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 28 UMHOS/CM  
 WATER TEMPERATURE = 19.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 90 GAL

## LABORATORY ANALYSES

## THESE ANALYSES ARE FROM UNFILTERED SAMPLES

0 CHLOROFORM	LT	5 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	5.00 UG/L	M-AREA,SRS
2 TRICHLOROETHYLENE		43.0 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	5 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	5 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	5 UG/L	M-AREA,SRS

## WELL MSB 23TA

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/11/88 TIME 930  
 DEPTH TO WATER = 176.56 FT ( 53.82 M) BELOW THE TOC  
 WATER ELEVATION = 196.34 FT ( 59.85 M) MSL  
 PH = 4.5 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 24 UMHOS/CM  
 WATER TEMPERATURE = 19.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 180 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
2 TRICHLOROETHYLENE		5.04 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 23TA

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/11/88 TIME 958  
 DEPTH TO WATER = 176.56 FT ( 53.82 M) BELOW THE TOC  
 WATER ELEVATION = 196.34 FT ( 59.85 M) MSL  
 PH = 4.5 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 23 UMHOS/CM  
 WATER TEMPERATURE = 19.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 270 GAL

## LABORATORY ANALYSES

## THESE ANALYSES ARE FROM UNFILTERED SAMPLES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
2 TRICHLOROETHYLENE		2.79 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 23TA

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/11/88 TIME 1025  
 DEPTH TO WATER = 176.56 FT ( 53.82 M) BELOW THE TOC  
 WATER ELEVATION = 196.34 FT ( 59.85 M) MSL  
 PH = 4.5 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 24 UMHOS/CM  
 WATER TEMPERATURE = 19.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 360 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
2 TRICHLOROETHYLENE		2.61 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 23TA

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/18/88 TIME 1235  
 DEPTH TO WATER = 176.34 FT ( 53.75 M) BELOW THE TOC  
 WATER ELEVATION = 196.56 FT ( 59.91 M) MSL  
 PH = 4.4 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 25 UMHOS/CM  
 WATER TEMPERATURE = 19.3 DEGREES CELSIUS  
 NO WATER HAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
1 TRICHLOROETHYLENE		2.38 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 23TA

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/18/88 TIME 1300  
 DEPTH TO WATER = 176.34 FT ( 53.75 M) BELOW THE TOC  
 WATER ELEVATION = 196.56 FT ( 59.91 M) MSL  
 PH = 5.1 ALKALINITY = 2 MG/L  
 SPECIFIC CONDUCTANCE = 30 UMHOS/CM  
 WATER TEMPERATURE = 19.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 90 GAL

## LABORATORY ANALYSES

## THESE ANALYSES ARE FROM UNFILTERED SAMPLES

0 CHLOROFORM	LT	5 UG/L	M-AREA,SRS
1 TETRACHLOROETHYLENE		3.35 UG/L	M-AREA,SRS
2 TRICHLOROETHYLENE		46.5 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	3 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	5 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	5 UG/L	M-AREA,SRS

## WELL MSB 23TA

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/18/88 TIME 1330  
 DEPTH TO WATER = 176.34 FT ( 53.75 M) BELOW THE TOC  
 WATER ELEVATION = 196.56 FT ( 59.91 M) MSL  
 PH = 4.6 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 26 UMHOS/CM  
 WATER TEMPERATURE = 19.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 180 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
2 TRICHLOROETHYLENE		5.98 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 23TA

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/18/88 TIME 1400  
 DEPTH TO WATER = 176.34 FT ( 53.75 M) BELOW THE TOC  
 WATER ELEVATION = 196.56 FT ( 59.91 M) MSL  
 PH = 4.6 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 25 UMHOS/CM  
 WATER TEMPERATURE = 19.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 270 GAL

## LABORATORY ANALYSES

## THESE ANALYSES ARE FROM UNFILTERED SAMPLES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
2 TRICHLOROETHYLENE		2.67 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 237A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/18/88 TIME 1450  
 DEPTH TO WATER = 176.34 FT ( 53.75 M) BELOW THE TOC  
 WATER ELEVATION = 196.56 FT ( 59.91 M) MSL  
 PH = 4.5 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 25 UMHOS/CM  
 WATER TEMPERATURE = 19.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 360 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
2 TRICHLOROETHYLENE		3.08 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 237A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1030  
 DEPTH TO WATER = 174.27 FT ( 53.12 M) BELOW THE TOC  
 WATER ELEVATION = 198.63 FT ( 60.54 M) MSL  
 PH = 4.6 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 26 UMHOS/CM  
 WATER TEMPERATURE = 18.6 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
1 TRICHLOROETHYLENE		1.99 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 237A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1055  
 DEPTH TO WATER = 174.27 FT ( 53.12 M) BELOW THE TOC  
 WATER ELEVATION = 198.63 FT ( 60.54 M) MSL  
 PH = 5.2 ALKALINITY = 3 MG/L  
 SPECIFIC CONDUCTANCE = 28 UMHOS/CM  
 WATER TEMPERATURE = 18.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 95 GAL

## LABORATORY ANALYSES

## THESE ANALYSES ARE FROM UNFILTERED SAMPLES

0 CHLOROFORM	LT	5 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	5.00 UG/L	M-AREA,SRS
2 TRICHLOROETHYLENE		35.7 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	5 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	5 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	5 UG/L	M-AREA,SRS

## WELL MSB 237A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1125  
 DEPTH TO WATER = 174.27 FT ( 53.12 M) BELOW THE TOC  
 WATER ELEVATION = 198.63 FT ( 60.54 M) MSL  
 PH = 4.6 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 26 UMHOS/CM  
 WATER TEMPERATURE = 18.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 190 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 237A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/29/88 TIME 1200  
 DEPTH TO WATER = 174.27 FT ( 53.12 M) BELOW THE TOC  
 WATER ELEVATION = 198.63 FT ( 60.54 M) MSL  
 PH = 4.5 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 25 UMHOS/CM  
 WATER TEMPERATURE = 19.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 285 GAL

## LABORATORY ANALYSES

## THESE ANALYSES ARE FROM UNFILTERED SAMPLES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 237A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1230  
 DEPTH TO WATER = 174.27 FT ( 53.12 M) BELOW THE TOC  
 WATER ELEVATION = 198.63 FT ( 60.54 M) MSL  
 PH = 4.5 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 25 UMHOS/CM  
 WATER TEMPERATURE = 19.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 380 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
2 TRICHLOROETHYLENE		2.59 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 237A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/16/88 TIME 1315  
 DEPTH TO WATER = 177.48 FT ( 54.10 M) BELOW THE TOC  
 WATER ELEVATION = 195.42 FT ( 59.56 M) MSL  
 PH = 4.3 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 30 UMHOS/CM  
 WATER TEMPERATURE = 17.5 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
1 TETRACHLOROETHYLENE		1.24 UG/L	M-AREA,SRS
2 TRICHLOROETHYLENE		4.21 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 237A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/16/88 TIME 1345  
 DEPTH TO WATER = 177.48 FT ( 54.10 M) BELOW THE TOC  
 WATER ELEVATION = 195.42 FT ( 59.56 M) MSL  
 PH = 5.2 ALKALINITY = 3 MG/L  
 SPECIFIC CONDUCTANCE = 29 UMHOS/CM  
 WATER TEMPERATURE = 18.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 88 GAL

## LABORATORY ANALYSES

## THESE ANALYSES ARE FROM UNFILTERED SAMPLES

0 CHLOROFORM	LT	5 UG/L	M-AREA,SRS
2 TETRACHLOROETHYLENE		42.0 UG/L	M-AREA,SRS
2 TRICHLOROETHYLENE		84.6 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	5 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	5 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	5 UG/L	M-AREA,SRS

## WELL MSB 23TA

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/16/88 TIME 1415  
 DEPTH TO WATER = 177.48 FT ( 54.10 M) BELOW THE TOC  
 WATER ELEVATION = 195.42 FT ( 59.56 M) MSL  
 PH = 4.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 24 UMHOS/CM  
 WATER TEMPERATURE = 18.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 176 GAL

## LABORATORY ANALYSES

0	CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0	TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		12.5 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 23TA

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/16/88 TIME 1440  
 DEPTH TO WATER = 177.48 FT ( 54.10 M) BELOW THE TOC  
 WATER ELEVATION = 195.42 FT ( 59.56 M) MSL  
 PH = 4.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 23 UMHOS/CM  
 WATER TEMPERATURE = 18.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 264 GAL

## LABORATORY ANALYSES

## THESE ANALYSES ARE FROM UNFILTERED SAMPLES

0	CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0	TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		9.78 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 23TA

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/16/88 TIME 1510  
 DEPTH TO WATER = 177.48 FT ( 54.10 M) BELOW THE TOC  
 WATER ELEVATION = 195.42 FT ( 59.56 M) MSL  
 PH = 4.5 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 23 UMHOS/CM  
 WATER TEMPERATURE = 18.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 352 GAL

## LABORATORY ANALYSES

0	CHLOROFORM	LT	1 UG/L	M-AREA,SRS
1	TETRACHLOROETHYLENE		1.80 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		3.77 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 24

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/27/88 TIME 1400  
 DEPTH TO WATER = 144.95 FT ( 43.91 M) BELOW THE TOC  
 WATER ELEVATION = 236.15 FT ( 71.98 M) MSL  
 PH = 11.0 ALKALINITY = 76 MG/L  
 SPECIFIC CONDUCTANCE = 233 UMHOS/CM  
 WATER TEMPERATURE = 20.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 7 GAL  
 THE WELL WENT DRY DURING PURGING.

## WELL MSB 26A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/26/88 TIME 1700  
 DEPTH TO WATER = 151.64 FT ( 46.22 M) BELOW THE TOC  
 WATER ELEVATION = 229.96 FT ( 70.09 M) MSL  
 PH = 4.6 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 49 UMHOS/CM  
 WATER TEMPERATURE = 19.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 162 GAL

## WELL MSB 25

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/26/88 TIME 1550  
 THE WELL WAS DRY.

## WELL MSB 25A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/26/88 TIME 1620  
 DEPTH TO WATER = 145.41 FT ( 44.32 M) BELOW THE TOC  
 WATER ELEVATION = 220.99 FT ( 67.36 M) MSL  
 PH = 4.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 34 UMHOS/CM  
 WATER TEMPERATURE = 19.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 162 GAL

## LABORATORY ANALYSES

0	CHLOROFORM	LT	500 UG/L	M-AREA,SRS
0	TETRACHLOROETHYLENE	LT	50.0 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		2130 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	500 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	500 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	500 UG/L	M-AREA,SRS

## WELL MSB 26

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/03/88 TIME 930  
 PH = 5.0 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 24 UMHOS/CM  
 WATER TEMPERATURE = 19.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 36 GAL

## LABORATORY ANALYSES

0	CHLOROFORM	LT	10 UG/L	M-AREA,SRS
0	TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		34.3 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	10 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	10 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	10 UG/L	M-AREA,SRS

## WELL MSB 26A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/03/88 TIME 915  
 DEPTH TO WATER = 135.74 FT ( 41.37 M) BELOW THE TOC  
 WATER ELEVATION = 225.16 FT ( 68.63 M) MSL  
 PH = 4.8 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 51 UMHOS/CM  
 WATER TEMPERATURE = 18.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 152 GAL

## WELL MSB 27

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/10/88 TIME 1055  
 DEPTH TO WATER = 135.88 FT ( 41.42 M) BELOW THE TOC  
 WATER ELEVATION = 239.62 FT ( 73.04 M) MSL  
 PH = 4.9 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 42 UMHOS/CM  
 WATER TEMPERATURE = 18.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 17 GAL

## LABORATORY ANALYSES

0	CHLOROFORM	LT	1 UG/L	M-AREA,SRS
1	TETRACHLOROETHYLENE		1.79 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		5.68 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 27A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/10/88 TIME 1045  
 PH = 5.0 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 35 UMHS/CM  
 WATER TEMPERATURE = 18.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 96 GAL

## WELL MSB 27B

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/10/88 TIME 1010  
 DEPTH TO WATER = 149.67 FT ( 45.62 M) BELOW THE TOC  
 WATER ELEVATION = 227.13 FT ( 69.23 M) MSL  
 PH = 5.3 ALKALINITY = 3 MG/L  
 SPECIFIC CONDUCTANCE = 32 UMHS/CM  
 WATER TEMPERATURE = 18.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 166 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	20 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	2.00 UG/L	M-AREA,SRS
2 TRICHLOROETHYLENE		112 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	20 UG/L	M-AREA,SRS
1 1,1-DICHLOROETHYLENE		9 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	20 UG/L	M-AREA,SRS

## WELL MSB 27TA

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/10/88 TIME 1100  
 DEPTH TO WATER = 178.09 FT ( 54.28 M) BELOW THE TOC  
 WATER ELEVATION = 198.51 FT ( 60.51 M) MSL  
 PH = 5.0 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 25 UMHS/CM  
 WATER TEMPERATURE = 18.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 390 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 28

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/03/88 TIME 1320  
 DEPTH TO WATER = 121.87 FT ( 37.15 M) BELOW THE TOC  
 WATER ELEVATION = 232.53 FT ( 70.88 M) MSL  
 PH = 6.7 ALKALINITY = 30 MG/L  
 SPECIFIC CONDUCTANCE = 69 UMHS/CM  
 WATER TEMPERATURE = 18.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 69 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 28A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/03/88 TIME 1350  
 DEPTH TO WATER = 129.39 FT ( 39.44 M) BELOW THE TOC  
 WATER ELEVATION = 224.81 FT ( 68.52 M) MSL  
 PH = 4.8 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 22 UMHS/CM  
 WATER TEMPERATURE = 18.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 192 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	100 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	100 UG/L	M-AREA,SRS
2 TRICHLOROETHYLENE		8130 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1000 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1000 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1000 UG/L	M-AREA,SRS

## WELL MSB 29A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/08/88 TIME 1650  
 DEPTH TO WATER = 145.52 FT ( 44.36 M) BELOW THE TOC  
 WATER ELEVATION = 219.88 FT ( 67.02 M) MSL  
 PH = 6.1 ALKALINITY = 22 MG/L  
 SPECIFIC CONDUCTANCE = 74 UMHS/CM  
 WATER TEMPERATURE = 19.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 263 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 29B

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/08/88 TIME 1605  
 DEPTH TO WATER = 139.60 FT ( 42.55 M) BELOW THE TOC  
 WATER ELEVATION = 225.60 FT ( 68.76 M) MSL  
 PH = 4.4 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 28 UMHS/CM  
 WATER TEMPERATURE = 18.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 203 GAL

## LABORATORY ANALYSES

0 SPECIFIC CONDUCTANCE		56.70 UMMC	ENV. ENG.
0 PH		4.41 PH	ENV. ENG.
0 SILVER	LT	2 UG/L	ENV. ENG.
1 ALUMINUM		82 UG/L	ENV. ENG.
0 ARSENIC	LT	2 UG/L	ENV. ENG.
0 BARIUM		5 UG/L	ENV. ENG.
0 CADMIUM	LT	2 UG/L	ENV. ENG.
0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 CHLORIDE		2400 UG/L	ENV. ENG.
0 CHROMIUM	LT	4 UG/L	ENV. ENG.
0 COPPER		5 UG/L	ENV. ENG.
0 CYANIDE	LT	5 UG/L	ENV. ENG.
0 MERCURY		0.26 UG/L	ENV. ENG.
0 SODIUM		2080 UG/L	ENV. ENG.
0 NICKEL	LT	4 UG/L	ENV. ENG.
0 NITRATE AS NITROGEN		1640 UG/L	ENV. ENG.
0 LEAD		6 UG/L	ENV. ENG.
0 PHENOL	LT	5 UG/L	ENV. ENG.
0 SELENIUM	LT	2 UG/L	ENV. ENG.
0 SULFATE	LT	5000 UG/L	ENV. ENG.
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TOTAL DISSOLVED SOLIDS		45000 UG/L	ENV. ENG.
0 TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0 TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 URANIUM	LT	1000 UG/L	ENV. ENG.
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS
0 ZINC		7 UG/L	ENV. ENG.
0 TOTAL RADIUM		1.62+-0.59 PCI/L	RAD. MEAS.

## WELL MSB 29C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/08/88 TIME 1645  
 DEPTH TO WATER = 133.01 FT ( 40.54 M) BELOW THE TOC  
 WATER ELEVATION = 232.19 FT ( 70.77 M) MSL  
 PH = 4.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 26 UMHS/CM  
 WATER TEMPERATURE = 18.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 149 GAL

## LABORATORY ANALYSES

0 SPECIFIC CONDUCTANCE		33.60 UMMC	ENV. ENG.
0 PH		4.29 PH	ENV. ENG.
0 SILVER	LT	2 UG/L	ENV. ENG.
0 ALUMINUM	LT	20 UG/L	ENV. ENG.
0 ARSENIC	LT	2 UG/L	ENV. ENG.
0 BARIUM		5 UG/L	ENV. ENG.
0 CADMIUM	LT	2 UG/L	ENV. ENG.
0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 CHLORIDE		2100 UG/L	ENV. ENG.
0 CHROMIUM	LT	4 UG/L	ENV. ENG.
0 COPPER		8 UG/L	ENV. ENG.
0 CYANIDE	LT	5 UG/L	ENV. ENG.
0 MERCURY	LT	0.20 UG/L	ENV. ENG.
0 SODIUM		1980 UG/L	ENV. ENG.
0 NICKEL	LT	4 UG/L	ENV. ENG.
0 NITRATE AS NITROGEN		1650 UG/L	ENV. ENG.
0 NITRATE AS NITROGEN		1660 UG/L	ENV. ENG.
0 LEAD	LT	6 UG/L	ENV. ENG.
0 PHENOL	LT	5 UG/L	ENV. ENG.
0 SELENIUM	LT	2 UG/L	ENV. ENG.
0 SULFATE	LT	5000 UG/L	ENV. ENG.
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TOTAL DISSOLVED SOLIDS		47000 UG/L	ENV. ENG.
0 TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.

CONTINUED

WELL MSB 29C COLLECTED ON 11/08/88 LABORATORY ANALYSES CONTINUED

0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0	URANIUM	LT	1000 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS
0	ZINC	LT	11 UG/L	ENV. ENG.
0	TOTAL RADIUM		0.56+-0.45 PCI/L	RAD. MEAS.

WELL MSB 29D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/08/88 TIME 1410  
 DEPTH TO WATER = 130.84 FT ( 39.88 M) BELOW THE TOC  
 WATER ELEVATION = 234.26 FT ( 71.40 M) MSL  
 PH = 4.5 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 35 UMHOS/CM  
 WATER TEMPERATURE = 19.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 66 GAL

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		35.10 UMHC	ENV. ENG.
0	PH		4.02 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ALUMINIUM		44 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		9 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0	CHLORIDE		2200 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER		15 UG/L	ENV. ENG.
0	CYANIDE	LT	5 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	SODIUM		3280 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		2240 UG/L	ENV. ENG.
0	LEAD		15 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0	TOTAL DISSOLVED SOLIDS		59000 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		60 UG/L	ENV. ENG.
0	TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0	URANIUM	LT	1000 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS
0	ZINC		12 UG/L	ENV. ENG.
2	TOTAL RADIUM		6.26+-1.01 PCI/L	RAD. MEAS.

WELL MSB 29TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/08/88 TIME 1530  
 DEPTH TO WATER = 153.91 FT ( 46.91 M) BELOW THE TOC  
 WATER ELEVATION = 211.29 FT ( 64.40 M) MSL  
 PH = 4.5 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 19 UMHOS/CM  
 WATER TEMPERATURE = 18.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 393 GAL

LABORATORY ANALYSES

0	CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0	TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
1	TRICHLOROETHYLENE		2.35 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

WELL MSB 30A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/20/88 TIME 1505  
 DEPTH TO WATER = 158.67 FT ( 48.34 M) BELOW THE TOC  
 WATER ELEVATION = 195.93 FT ( 59.72 M) MSL  
 PH = 6.5 ALKALINITY = 26 MG/L  
 SPECIFIC CONDUCTANCE = 70 UMHOS/CM  
 WATER TEMPERATURE = 18.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 440 GAL

LABORATORY ANALYSES

0	CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0	TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0	TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

WELL MSB 30AA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/21/88 TIME 920  
 DEPTH TO WATER = 127.95 FT ( 39.00 M) BELOW THE TOC  
 WATER ELEVATION = 224.65 FT ( 68.47 M) MSL  
 PH = 6.2 ALKALINITY = 16 MG/L  
 SPECIFIC CONDUCTANCE = 87 UMHOS/CM  
 WATER TEMPERATURE = 17.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 75 GAL  
 THE WELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

0	CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0	TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0	TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

WELL MSB 30B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/20/88 TIME 1525  
 DEPTH TO WATER = 126.96 FT ( 38.70 M) BELOW THE TOC  
 WATER ELEVATION = 226.14 FT ( 68.93 M) MSL  
 PH = 4.5 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 32 UMHOS/CM  
 WATER TEMPERATURE = 18.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 265 GAL

LABORATORY ANALYSES

0	CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0	TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0	TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

WELL MSB 30C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/20/88 TIME 1350  
 DEPTH TO WATER = 121.94 FT ( 37.17 M) BELOW THE TOC  
 WATER ELEVATION = 232.96 FT ( 71.01 M) MSL  
 PH = 5.4 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 19 UMHOS/CM  
 WATER TEMPERATURE = 18.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 61 GAL

LABORATORY ANALYSES

0	CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0	TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
1	TRICHLOROETHYLENE		1.31 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

WELL MSB 30CC

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/20/88 TIME 1435  
 DEPTH TO WATER = 127.51 FT ( 38.87 M) BELOW THE TOC  
 WATER ELEVATION = 226.19 FT ( 68.94 M) MSL  
 PH = 5.1 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 21 UMHOS/CM  
 WATER TEMPERATURE = 18.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 173 GAL

LABORATORY ANALYSES

0	CHLOROFORM	LT	5 UG/L	M-AREA,SRS
0	TETRACHLOROETHYLENE	LT	5.00 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		4.94 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	5 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	5 UG/L	M-AREA,SRS



## WELL MSB 31A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/09/88 TIME 1630  
 DEPTH TO WATER = 153.04 FT ( 46.65 M) BELOW THE TOC  
 WATER ELEVATION = 194.16 FT ( 59.18 M) MSL  
 PH = 4.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 19 UMHOS/CM  
 WATER TEMPERATURE = 19.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 474 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	25.80 UMHC	ENV. ENG.
0	PH	5.15 PH	ENV. ENG.
0	SILVER	LT	2 UG/L ENV. ENG.
0	ALUMINUM	LT	20 UG/L ENV. ENG.
0	ARSENIC	LT	2 UG/L ENV. ENG.
0	BARIUM	LT	2 UG/L ENV. ENG.
0	CADMIUM	LT	4 UG/L ENV. ENG.
0	CHLOROFORM	LT	2 UG/L ENV. ENG.
0	CHLORIDE	LT	1 UG/L M-AREA,SRS
0	CHROMIUM	LT	2300 UG/L ENV. ENG.
0	COPPER	LT	4 UG/L ENV. ENG.
0	CYANIDE	LT	16 UG/L ENV. ENG.
0	CYANIDE	LT	5 UG/L ENV. ENG.
0	MERCURY	LT	5 UG/L ENV. ENG.
0	SODIUM	LT	0.20 UG/L ENV. ENG.
0	NICKEL	LT	1660 UG/L ENV. ENG.
0	NITRATE AS NITROGEN	LT	4 UG/L ENV. ENG.
0	LEAD	LT	420 UG/L ENV. ENG.
0	PHENOL	LT	8 UG/L ENV. ENG.
0	SELENIUM	LT	5 UG/L ENV. ENG.
0	SULFATE	LT	2 UG/L ENV. ENG.
0	TETRACHLOROETHYLENE	LT	5000 UG/L ENV. ENG.
0	TOTAL PHOSPHATES	LT	1.00 UG/L M-AREA,SRS
0	TRICHLOROETHYLENE	LT	30 UG/L ENV. ENG.
0	TRANS-1,2-DICHLOROETHENE	LT	1.00 UG/L M-AREA,SRS
0	URANIUM	LT	1 UG/L M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	1000 UG/L ENV. ENG.
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L M-AREA,SRS
0	ZINC	LT	1 UG/L M-AREA,SRS
			48 UG/L ENV. ENG.

## WELL MSB 31B

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/09/88 TIME 1648  
 DEPTH TO WATER = 132.76 FT ( 40.47 M) BELOW THE TOC  
 WATER ELEVATION = 214.74 FT ( 65.45 M) MSL  
 PH = 4.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 22 UMHOS/CM  
 WATER TEMPERATURE = 19.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 166 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	27.70 UMHC	ENV. ENG.
0	PH	4.92 PH	ENV. ENG.
0	SILVER	LT	2 UG/L ENV. ENG.
0	ALUMINUM	LT	20 UG/L ENV. ENG.
0	ARSENIC	LT	2 UG/L ENV. ENG.
0	BARIUM	LT	5 UG/L ENV. ENG.
0	CADMIUM	LT	2 UG/L ENV. ENG.
0	CHLOROFORM	LT	50 UG/L M-AREA,SRS
0	CHLORIDE	LT	2500 UG/L ENV. ENG.
0	CHROMIUM	LT	4 UG/L ENV. ENG.
0	COPPER	LT	4 UG/L ENV. ENG.
0	CYANIDE	LT	5 UG/L ENV. ENG.
0	MERCURY	LT	0.20 UG/L ENV. ENG.
0	SODIUM	LT	1930 UG/L ENV. ENG.
0	NICKEL	LT	4 UG/L ENV. ENG.
0	NITRATE AS NITROGEN	LT	960 UG/L ENV. ENG.
0	NITRATE AS NITROGEN	LT	960 UG/L ENV. ENG.
0	LEAD	LT	6 UG/L ENV. ENG.
0	PHENOL	LT	5 UG/L ENV. ENG.
0	SELENIUM	LT	2 UG/L ENV. ENG.
0	SULFATE	LT	5000 UG/L ENV. ENG.
2	TETRACHLOROETHYLENE	LT	26.1 UG/L M-AREA,SRS
0	TOTAL PHOSPHATES	LT	20 UG/L ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L ENV. ENG.
2	TRICHLOROETHYLENE	LT	365 UG/L M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	50 UG/L M-AREA,SRS
0	URANIUM	LT	1000 UG/L ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	50 UG/L M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	50 UG/L M-AREA,SRS
0	ZINC	LT	83 UG/L ENV. ENG.

## WELL MSB 31C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/09/88 TIME 1530  
 DEPTH TO WATER = 112.32 FT ( 34.24 M) BELOW THE TOC  
 WATER ELEVATION = 234.98 FT ( 71.62 M) MSL  
 PH = 5.5 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 73 UMHOS/CM  
 WATER TEMPERATURE = 19.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 49 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	83.00 UMHC	ENV. ENG.
0	SPECIFIC CONDUCTANCE	79.10 UMHC	ENV. ENG.
0	PH	5.53 PH	ENV. ENG.
0	PH	5.47 PH	ENV. ENG.
0	SILVER	LT	2 UG/L ENV. ENG.
0	ALUMINUM	LT	20 UG/L ENV. ENG.
0	ARSENIC	LT	2 UG/L ENV. ENG.
0	BARIUM	LT	25 UG/L ENV. ENG.
0	CADMIUM	LT	2 UG/L ENV. ENG.
0	CHLORIDE	LT	6800 UG/L ENV. ENG.
0	CHROMIUM	LT	4 UG/L ENV. ENG.
0	COPPER	LT	5 UG/L ENV. ENG.
0	CYANIDE	LT	5 UG/L ENV. ENG.
0	MERCURY	LT	0.20 UG/L ENV. ENG.
1	SODIUM	LT	8400 UG/L ENV. ENG.
0	NICKEL	LT	4 UG/L ENV. ENG.
1	NITRATE AS NITROGEN	LT	4630 UG/L ENV. ENG.
0	LEAD	LT	6 UG/L ENV. ENG.
0	PHENOL	LT	5 UG/L ENV. ENG.
0	PHENOL	LT	5 UG/L ENV. ENG.
0	SELENIUM	LT	2 UG/L ENV. ENG.
0	SULFATE	LT	5000 UG/L ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L ENV. ENG.
0	URANIUM	LT	1000 UG/L ENV. ENG.
0	ZINC	LT	41 UG/L ENV. ENG.

## WELL MSB 32

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/10/88 TIME 1645  
 DEPTH TO WATER = 29.35 FT ( 8.95 M) BELOW THE TOC  
 WATER ELEVATION = 225.95 FT ( 68.87 M) MSL  
 PH = 4.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 23 UMHOS/CM  
 WATER TEMPERATURE = 18.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 74 GAL

## LABORATORY ANALYSES

0	CHLOROFORM	LT	1 UG/L M-AREA,SRS
0	TETRACHLOROETHYLENE	LT	1.00 UG/L M-AREA,SRS
0	TRICHLOROETHYLENE	LT	1.00 UG/L M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 UG/L M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	1 UG/L M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L M-AREA,SRS

## WELL MSB 33

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/04/88 TIME 1020  
 DEPTH TO WATER = 37.32 FT ( 11.38 M) BELOW THE TOC  
 WATER ELEVATION = 219.28 FT ( 66.84 M) MSL  
 PH = 5.0 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 39 UMHOS/CM  
 WATER TEMPERATURE = 17.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 26 GAL

## WELL MSB 33A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/04/88 TIME 1145  
 DEPTH TO WATER = 51.58 FT ( 15.72 M) BELOW THE TOC  
 WATER ELEVATION = 203.82 FT ( 62.13 M) MSL  
 PH = 4.9 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 22 UMHOS/CM  
 WATER TEMPERATURE = 18.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 315 GAL

## LABORATORY ANALYSES

0	CHLOROFORM	LT	1 UG/L M-AREA,SRS
0	TETRACHLOROETHYLENE	LT	1.00 UG/L M-AREA,SRS
2	TRICHLOROETHYLENE	LT	8.35 UG/L M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 UG/L M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	1 UG/L M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L M-AREA,SRS

## WELL MSB 33B

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/04/88 TIME 1105  
 DEPTH TO WATER = 46.98 FT ( 14.32 M) BELOW THE TOC  
 WATER ELEVATION = 208.22 FT ( 63.47 M) MSL  
 PH = 4.9 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 31 UMHOS/CM  
 WATER TEMPERATURE = 18.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 150 GAL

## LABORATORY ANALYSES

0	CHLOROFORM	LT	10 UG/L	M-AREA,SRS
2	TETRACHLOROETHYLENE		61.3 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		25.0 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	10 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	10 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	10 UG/L	M-AREA,SRS

## WELL MSB 33C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/04/88 TIME 1040  
 DEPTH TO WATER = 44.55 FT ( 13.58 M) BELOW THE TOC  
 WATER ELEVATION = 210.75 FT ( 64.24 M) MSL  
 PH = 4.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 42 UMHOS/CM  
 WATER TEMPERATURE = 17.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 114 GAL

## WELL MSB 33TA

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/04/88 TIME 1200  
 DEPTH TO WATER = 43.75 FT ( 13.43 M) BELOW THE TOC  
 WATER ELEVATION = 191.75 FT ( 58.45 M) MSL  
 PH = 5.0 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 23 UMHOS/CM  
 WATER TEMPERATURE = 19.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 450 GAL

## LABORATORY ANALYSES

0	CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0	TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0	TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 34A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/09/88 TIME 1345  
 DEPTH TO WATER = 165.08 FT ( 50.32 M) BELOW THE TOC  
 WATER ELEVATION = 218.12 FT ( 66.46 M) MSL  
 PH = 4.9 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 24 UMHOS/CM  
 WATER TEMPERATURE = 19.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 273 GAL

## LABORATORY ANALYSES

0	CHLOROFORM	LT	200 UG/L	M-AREA,SRS
2	TETRACHLOROETHYLENE		142 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		1360 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	200 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	200 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	200 UG/L	M-AREA,SRS

## WELL MSB 34B

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/09/88 TIME 1410  
 DEPTH TO WATER = 155.20 FT ( 47.31 M) BELOW THE TOC  
 WATER ELEVATION = 227.90 FT ( 69.46 M) MSL  
 PH = 4.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 40 UMHOS/CM  
 WATER TEMPERATURE = 20.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 120 GAL

## WELL MSB 34C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/09/88 TIME 1420  
 DEPTH TO WATER = 152.18 FT ( 46.39 M) BELOW THE TOC  
 WATER ELEVATION = 231.02 FT ( 70.42 M) MSL  
 PH = 4.9 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 59 UMHOS/CM  
 WATER TEMPERATURE = 20.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 30 GAL

## LABORATORY ANALYSES

0	CHLOROFORM	LT	500 UG/L	M-AREA,SRS
2	TETRACHLOROETHYLENE		316 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		1170 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	500 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	500 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	500 UG/L	M-AREA,SRS

## WELL MSB 34TA

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/09/88 TIME 1400  
 DEPTH TO WATER = 184.64 FT ( 56.28 M) BELOW THE TOC  
 WATER ELEVATION = 197.86 FT ( 60.31 M) MSL  
 PH = 5.7 ALKALINITY = 5 MG/L  
 SPECIFIC CONDUCTANCE = 28 UMHOS/CM  
 WATER TEMPERATURE = 19.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 781 GAL

## LABORATORY ANALYSES

0	CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0	TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0	TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 34TB

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/09/88 TIME 1250  
 DEPTH TO WATER = 183.95 FT ( 56.06 M) BELOW THE TOC  
 WATER ELEVATION = 198.87 FT ( 60.62 M) MSL  
 PH = 5.3 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 35 UMHOS/CM  
 WATER TEMPERATURE = 19.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 346 GAL

## LABORATORY ANALYSES

0	CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0	TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0	TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 35A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/10/88 TIME 1625  
 DEPTH TO WATER = 134.68 FT ( 41.05 M) BELOW THE TOC  
 WATER ELEVATION = 216.42 FT ( 65.97 M) MSL  
 PH = 4.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 28 UMHOS/CM  
 WATER TEMPERATURE = 19.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 282 GAL

## LABORATORY ANALYSES

0	CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0	TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		3.84 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 35B

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/10/88 TIME 1530  
 DEPTH TO WATER = 131.40 FT ( 40.05 M) BELOW THE TOC  
 WATER ELEVATION = 220.40 FT ( 67.18 M) MSL  
 PH = 5.5 ALKALINITY = 10 MG/L  
 SPECIFIC CONDUCTANCE = 40 UMHS/CM  
 WATER TEMPERATURE = 19.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 166 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 35D

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/10/88 TIME 1510  
 THE WELL WAS DRY.

## WELL MSB 35TA

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/10/88 TIME 1615  
 DEPTH TO WATER = 152.82 FT ( 46.58 M) BELOW THE TOC  
 WATER ELEVATION = 197.58 FT ( 60.22 M) MSL  
 PH = 4.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 18 UMHS/CM  
 WATER TEMPERATURE = 19.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 480 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 36A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/06/88 TIME 1405  
 DEPTH TO WATER = 130.20 FT ( 39.69 M) BELOW THE TOC  
 WATER ELEVATION = 210.40 FT ( 64.13 M) MSL  
 PH = 4.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 33 UMHS/CM  
 WATER TEMPERATURE = 19.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 309 GAL

## LABORATORY ANALYSES

0 SPECIFIC CONDUCTANCE		32.70 UMHC	ENV. ENG.
0 PH		4.47 PH	ENV. ENG.
0 SILVER	LT	2 UG/L	ENV. ENG.
0 ALUMINUM	LT	20 UG/L	ENV. ENG.
0 ALUMINUM	LT	20 UG/L	ENV. ENG.
0 ARSENIC	LT	2 UG/L	ENV. ENG.
0 BARIUM		11 UG/L	ENV. ENG.
0 BARIUM		12 UG/L	ENV. ENG.
0 CADMIUM	LT	2 UG/L	ENV. ENG.
0 CADMIUM	LT	2 UG/L	ENV. ENG.
0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 CHLORIDE		2200 UG/L	ENV. ENG.
0 CHROMIUM	LT	4 UG/L	ENV. ENG.
0 COPPER		6 UG/L	ENV. ENG.
0 COPPER		8 UG/L	ENV. ENG.
0 CYANIDE	LT	5 UG/L	ENV. ENG.
0 MERCURY		0.20 UG/L	ENV. ENG.
0 MERCURY	LT	0.20 UG/L	ENV. ENG.
0 SODIUM		1670 UG/L	ENV. ENG.
0 SODIUM		1990 UG/L	ENV. ENG.
0 NICKEL		5 UG/L	ENV. ENG.
0 NICKEL		5 UG/L	ENV. ENG.
0 NITRATE AS NITROGEN		120 UG/L	ENV. ENG.
0 LEAD		10 UG/L	ENV. ENG.
0 PHENOL	LT	5 UG/L	ENV. ENG.
0 SELENIUM	LT	2 UG/L	ENV. ENG.
0 SULFATE		5400 UG/L	ENV. ENG.
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TOTAL PHOSPHATES		50 UG/L	ENV. ENG.
0 TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 URANIUM	LT	1000 UG/L	ENV. ENG.
0 URANIUM	LT	1000 UG/L	ENV. ENG.
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS
0 ZINC		22 UG/L	ENV. ENG.
0 ZINC		27 UG/L	ENV. ENG.

## WELL MSB 36B

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/06/88 TIME 1150  
 DEPTH TO WATER = 125.80 FT ( 38.34 M) BELOW THE TOC  
 WATER ELEVATION = 214.90 FT ( 65.50 M) MSL  
 PH = 4.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 161 UMHS/CM  
 WATER TEMPERATURE = 18.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 167 GAL

## LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE		171.0 UMHC	ENV. ENG.
0 PH		4.92 PH	ENV. ENG.
0 SILVER	LT	2 UG/L	ENV. ENG.
0 ALUMINUM		23 UG/L	ENV. ENG.
0 ARSENIC	LT	2 UG/L	ENV. ENG.
0 BARIUM		35 UG/L	ENV. ENG.
0 CADMIUM	LT	2 UG/L	ENV. ENG.
0 CHLOROFORM	LT	1000 UG/L	M-AREA,SRS
0 CHLORIDE		2800 UG/L	ENV. ENG.
0 CHLORIDE		3000 UG/L	ENV. ENG.
0 CHROMIUM	LT	4 UG/L	ENV. ENG.
0 COPPER		8 UG/L	ENV. ENG.
0 CYANIDE	LT	5 UG/L	ENV. ENG.
0 MERCURY		0.36 UG/L	ENV. ENG.
1 SODIUM		13200 UG/L	ENV. ENG.
0 NICKEL	LT	4 UG/L	ENV. ENG.
2 NITRATE AS NITROGEN		17500 UG/L	ENV. ENG.
0 LEAD	LT	6 UG/L	ENV. ENG.
0 PHENOL	LT	5 UG/L	ENV. ENG.
0 SELENIUM	LT	2 UG/L	ENV. ENG.
0 SULFATE	LT	5000 UG/L	ENV. ENG.
0 SULFATE	LT	5000 UG/L	ENV. ENG.
0 TETRACHLOROETHYLENE	LT	100 UG/L	M-AREA,SRS
0 TOTAL PHOSPHATES		20 UG/L	ENV. ENG.
2 TRICHLOROETHYLENE		3020 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1000 UG/L	M-AREA,SRS
0 URANIUM	LT	1000 UG/L	ENV. ENG.
0 1,1-DICHLOROETHYLENE	LT	1000 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1000 UG/L	M-AREA,SRS
0 ZINC	LT	22 UG/L	ENV. ENG.

## WELL MSB 36C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/19/88 TIME 1320  
 DEPTH TO WATER = 126.06 FT ( 38.42 M) BELOW THE TOC  
 WATER ELEVATION = 214.74 FT ( 65.45 M) MSL  
 PH = 5.1 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 24 UMHS/CM  
 WATER TEMPERATURE = 18.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 86 GAL

## LABORATORY ANALYSES

0 SPECIFIC CONDUCTANCE		22.00 UMHC	ENV. LAB.
0 SPECIFIC CONDUCTANCE		21.30 UMHC	W. A.
0 SPECIFIC CONDUCTANCE		27.00 UMHC	ENV. ENG.
0 PH		5.09 PH	ENV. LAB.
0 PH		5.10 PH	W. A.
0 PH		5.30 PH	ENV. ENG.
0 SILVER	LT	10 UG/L	ENV. LAB.
0 SILVER	LT	10 UG/L	W. A.
0 SILVER	LT	2 UG/L	ENV. ENG.
0 ALUMINUM	LT	400 UG/L	ENV. LAB.
0 ALUMINUM	LT	200 UG/L	W. A.
0 ALUMINUM	LT	20 UG/L	ENV. ENG.
0 ARSENIC	LT	10 UG/L	ENV. LAB.
0 ARSENIC	LT	5 UG/L	W. A.
0 ARSENIC	LT	2 UG/L	ENV. ENG.
0 BARIUM	LT	100 UG/L	ENV. LAB.
0 BARIUM	LT	200 UG/L	W. A.
0 BARIUM	LT	5 UG/L	ENV. ENG.
0 BERYLLIUM	LT	5 UG/L	W. A.
0 CALCIUM	LT	5000 UG/L	W. A.
0 CADMIUM	LT	10 UG/L	ENV. LAB.
0 CADMIUM	LT	5 UG/L	W. A.
0 CADMIUM	LT	2 UG/L	ENV. ENG.
0 CHLOROFORM	LT	100 UG/L	M-AREA,SRS
0 CHLORIDE	LT	1000 UG/L	ENV. LAB.
0 CHLORIDE	LT	2500 UG/L	W. A.
0 CHLORIDE	LT	2000 UG/L	ENV. ENG.
0 COBALT	LT	50 UG/L	W. A.
0 CHROMIUM	LT	50 UG/L	ENV. LAB.
0 CHROMIUM	LT	10 UG/L	W. A.
0 CHROMIUM	LT	4 UG/L	ENV. ENG.
0 COPPER	LT	20 UG/L	ENV. LAB.
0 COPPER	LT	25 UG/L	W. A.
0 COPPER	LT	4 UG/L	ENV. ENG.
0 CYANIDE	LT	20 UG/L	ENV. LAB.
0 CYANIDE	LT	10 UG/L	W. A.
0 CYANIDE	LT	5 UG/L	ENV. ENG.
0 IRON	LT	100 UG/L	W. A.
0 MERCURY	LT	0.50 UG/L	ENV. LAB.
0 MERCURY	LT	0.20 UG/L	W. A.
0 MERCURY	LT	0.26 UG/L	ENV. ENG.
0 POTASSIUM	LT	5000 UG/L	W. A.
0 MAGNESIUM	LT	5000 UG/L	W. A.
0 MANGANESE	LT	15 UG/L	W. A.
0 SODIUM	LT	5000 UG/L	ENV. LAB.
0 SODIUM	LT	5000 UG/L	W. A.
0 SODIUM	LT	2300 UG/L	ENV. ENG.
0 NICKEL	LT	50 UG/L	ENV. LAB.

CONTINUED

## WELL MSB 36C COLLECTED ON 11/19/88 LABORATORY ANALYSES CONTINUED

0	NICKEL	LT	40 UG/L	M. A.
0	NICKEL	LT	4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		1600 UG/L	ENV. LAB.
0	NITRATE AS NITROGEN		1400 UG/L	M. A.
0	NITRATE AS NITROGEN		1580 UG/L	ENV. ENG.
0	LEAD	LT	10 UG/L	ENV. LAB.
0	LEAD	LT	5 UG/L	M. A.
0	LEAD		6 UG/L	ENV. ENG.
0	PHENOL	LT	0.00 UG/L	ENV. LAB.
0	PHENOL	LT	5 UG/L	M. A.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	ANTIMONY	LT	60 UG/L	M. A.
0	SELENIUM	LT	10 UG/L	ENV. LAB.
0	SELENIUM	LT	5 UG/L	M. A.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		3310 UG/L	M. A.
0	TIN	LT	100 UG/L	M. A.
0	SULFATE	LT	5000 UG/L	ENV. LAB.
0	SULFATE	LT	5000 UG/L	M. A.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	LT	100 UG/L	M-AREA,SRS
0	TOTAL PHOSPHATES	LT	10 UG/L	ENV. LAB.
0	TOTAL PHOSPHATES	LT	20 UG/L	M. A.
2	TRICHLOROETHYLENE		40 UG/L	ENV. ENG.
0	TRANS-1,2-DICHLOROETHENE	LT	572 UG/L	M-AREA,SRS
0	URANIUM	LT	1000 UG/L	M-AREA,SRS
0	URANIUM	LT	1000 UG/L	ENV. LAB.
0	URANIUM	LT	1000 UG/L	M. A.
0	1,1-DICHLOROETHYLENE	LT	1000 UG/L	ENV. ENG.
0	1,1,1-TRICHLOROETHANE	LT	100 UG/L	M-AREA,SRS
0	ZINC	LT	100 UG/L	M-AREA,SRS
0	ZINC		10 UG/L	ENV. LAB.
0	ZINC		34 UG/L	M. A.
0	ZINC		19 UG/L	ENV. ENG.

## WELL MSB 36C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/19/88 TIME 1320  
 DEPTH TO WATER = 126.06 FT ( 38.42 M) BELOW THE TOC  
 WATER ELEVATION = 214.74 FT ( 65.45 M) MSL  
 PH = 5.1 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 24 UMHO/CM  
 WATER TEMPERATURE = 18.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 86 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		27.00 UMHC	ENV. ENG.
0	PH		5.25 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ALUMINUM	LT	20 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		5 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLOROFORM	LT	100 UG/L	M-AREA,SRS
0	CHLORIDE		3600 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER	LT	4 UG/L	ENV. ENG.
0	CYANIDE	LT	5 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	SODIUM		1960 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		1890 UG/L	ENV. ENG.
0	LEAD	LT	4 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	LT	100 UG/L	M-AREA,SRS
0	TOTAL PHOSPHATES		30 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		30 UG/L	ENV. ENG.
2	TRICHLOROETHYLENE		730 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	100 UG/L	M-AREA,SRS
0	URANIUM	LT	1000 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	100 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	100 UG/L	M-AREA,SRS
0	ZINC		15 UG/L	ENV. ENG.

## WELL MSB 36D

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/06/88 TIME 1420  
 PH = 5.8 ALKALINITY = 5 MG/L  
 SPECIFIC CONDUCTANCE = 120 UMHO/CM  
 WATER TEMPERATURE = 17.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 5 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		130.0 UMHC	ENV. ENG.
0	PH		5.81 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ALUMINUM	LT	20 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		16 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLOROFORM	LT	1 UG/L	M-AREA,SRS
1	CHLORIDE		16600 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
1	COPPER		41 UG/L	ENV. ENG.
0	CYANIDE	LT	5 UG/L	ENV. ENG.

CONTINUED

## WELL MSB 36D COLLECTED ON 11/06/88 LABORATORY ANALYSES CONTINUED

1	MERCURY		0.58 UG/L	ENV. ENG.
1	SODIUM		15100 UG/L	ENV. ENG.
1	NICKEL		9 UG/L	ENV. ENG.
1	NITRATE AS NITROGEN		5830 UG/L	ENV. ENG.
0	LEAD		13 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	LT	100 UG/L	M-AREA,SRS
0	TOTAL PHOSPHATES		130 UG/L	ENV. ENG.
0	TRICHLOROETHYLENE	LT	100 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0	URANIUM	LT	1000 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS
0	ZINC		39 UG/L	ENV. ENG.

## WELL MSB 36TA

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/06/88 TIME 1325  
 DEPTH TO WATER = 148.40 FT ( 45.23 M) BELOW THE TOC  
 WATER ELEVATION = 192.20 FT ( 58.58 M) MSL  
 PH = 5.0 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 23 UMHO/CM  
 WATER TEMPERATURE = 18.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 39 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		25.90 UMHC	ENV. ENG.
0	PH		5.10 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ALUMINUM	LT	20 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		8 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0	CHLORIDE		2200 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER		10 UG/L	ENV. ENG.
0	CYANIDE	LT	5 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	SODIUM		1660 UG/L	ENV. ENG.
0	NICKEL		7 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	LT	50 UG/L	ENV. ENG.
0	LEAD		15 UG/L	ENV. ENG.
0	LEAD		16 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	LT	100 UG/L	M-AREA,SRS
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	TRICHLOROETHYLENE	LT	100 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0	URANIUM	LT	1000 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS
0	ZINC		24 UG/L	ENV. ENG.

## WELL MSB 37A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/28/88 TIME 935  
 DEPTH TO WATER = 178.08 FT ( 54.28 M) BELOW THE TOC  
 WATER ELEVATION = 205.02 FT ( 62.49 M) MSL  
 PH = 6.5 ALKALINITY = 19 MG/L  
 SPECIFIC CONDUCTANCE = 66 UMHO/CM  
 WATER TEMPERATURE = 19.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 81 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

0	CHLOROFORM	LT	10 UG/L	M-AREA,SRS
0	TETRACHLOROETHYLENE	LT	10.0 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		40.1 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	10 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	10 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	10 UG/L	M-AREA,SRS

## WELL MSB 37B

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/27/88 TIME 1320  
 DEPTH TO WATER = 163.16 FT ( 49.73 M) BELOW THE TOC  
 WATER ELEVATION = 219.64 FT ( 66.95 M) MSL  
 PH = 5.6 ALKALINITY = 4 MG/L  
 SPECIFIC CONDUCTANCE = 31 UMHOS/CM  
 WATER TEMPERATURE = 19.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 237 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	20 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	20.0 UG/L	M-AREA,SRS
2 TRICHLOROETHYLENE		362 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	20 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	20 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	20 UG/L	M-AREA,SRS

## WELL MSB 37C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/27/88 TIME 1350  
 DEPTH TO WATER = 153.15 FT ( 46.68 M) BELOW THE TOC  
 WATER ELEVATION = 229.95 FT ( 70.09 M) MSL  
 PH = 5.7 ALKALINITY = 4 MG/L  
 SPECIFIC CONDUCTANCE = 28 UMHOS/CM  
 WATER TEMPERATURE = 19.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 167 GAL

## WELL MSB 37D

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/27/88 TIME 1240  
 PH = 5.2 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 54 UMHOS/CM  
 WATER TEMPERATURE = 19.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 42 GAL

## WELL MSB 37TA

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/27/88 TIME 1340  
 DEPTH TO WATER = 177.70 FT ( 54.16 M) BELOW THE TOC  
 WATER ELEVATION = 204.70 FT ( 62.39 M) MSL  
 PH = 5.4 ALKALINITY = 2 MG/L  
 SPECIFIC CONDUCTANCE = 28 UMHOS/CM  
 WATER TEMPERATURE = 19.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 480 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	100 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	108 UG/L	M-AREA,SRS
2 TRICHLOROETHYLENE		1790 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	100 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	100 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	100 UG/L	M-AREA,SRS

## WELL MSB 38TA

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/08/88 TIME 1010  
 DEPTH TO WATER = 164.10 FT ( 50.02 M) BELOW THE TOC  
 WATER ELEVATION = 192.60 FT ( 58.71 M) MSL  
 PH = 5.1 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 19 UMHOS/CM  
 WATER TEMPERATURE = 19.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 470 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 39A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/30/88 TIME 950  
 DEPTH TO WATER = 132.54 FT ( 40.40 M) BELOW THE TOC  
 WATER ELEVATION = 209.06 FT ( 63.72 M) MSL  
 PH = 6.3 ALKALINITY = 14 MG/L  
 SPECIFIC CONDUCTANCE = 80 UMHOS/CM  
 WATER TEMPERATURE = 17.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 66 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

0 SPECIFIC CONDUCTANCE		86.40 UMHC	ENV. ENG.
1 PH		6.59 PH	ENV. ENG.
0 SILVER	LT	2 UG/L	ENV. ENG.
0 ALUMINUM	LT	20 UG/L	ENV. ENG.
0 ARSENIC	LT	2 UG/L	ENV. ENG.
0 BARIUM		17 UG/L	ENV. ENG.
2 CADMIUM		20 UG/L	ENV. ENG.
0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 CHLORIDE		2300 UG/L	ENV. ENG.
0 CHROMIUM	LT	4 UG/L	ENV. ENG.
0 COPPER	LT	7 UG/L	ENV. ENG.
0 CYANIDE	LT	5 UG/L	ENV. ENG.
0 MERCURY	LT	0.20 UG/L	ENV. ENG.
0 SODIUM		2190 UG/L	ENV. ENG.
1 NICKEL		10 UG/L	ENV. ENG.
0 NITRATE AS NITROGEN		690 UG/L	ENV. ENG.
0 LEAD	LT	6 UG/L	ENV. ENG.
0 PHENOL	LT	5 UG/L	ENV. ENG.
0 SELENIUM	LT	2 UG/L	ENV. ENG.
0 SULFATE		6200 UG/L	ENV. ENG.
1 TETRACHLOROETHYLENE		1.46 UG/L	M-AREA,SRS
0 TOTAL PHOSPHATES		30 UG/L	ENV. ENG.
1 TRICHLOROETHYLENE		1.75 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 URANIUM	LT	1000 UG/L	ENV. ENG.
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS
0 ZINC		198 UG/L	ENV. ENG.
0 ZINC		190 UG/L	ENV. ENG.

## WELL MSB 39B

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/30/88 TIME 1035  
 DEPTH TO WATER = 129.48 FT ( 39.47 M) BELOW THE TOC  
 WATER ELEVATION = 212.32 FT ( 64.72 M) MSL  
 PH = 4.3 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 165 UMHOS/CM  
 WATER TEMPERATURE = 18.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 205 GAL

## LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE		165.0 UMHC	ENV. ENG.
0 PH		4.93 PH	ENV. ENG.
0 SILVER	LT	2 UG/L	ENV. ENG.
0 ALUMINUM	LT	49 UG/L	ENV. ENG.
0 ARSENIC	LT	2 UG/L	ENV. ENG.
0 BARIUM		38 UG/L	ENV. ENG.
0 CADMIUM	LT	2 UG/L	ENV. ENG.
0 CHLOROFORM	LT	100 UG/L	M-AREA,SRS
0 CHLORIDE		4500 UG/L	ENV. ENG.
0 CHROMIUM		5700 UG/L	ENV. ENG.
0 COPPER	LT	4 UG/L	ENV. ENG.
0 CYANIDE	LT	9 UG/L	ENV. ENG.
0 MERCURY	LT	5 UG/L	ENV. ENG.
0 MERCURY	LT	0.20 UG/L	ENV. ENG.
0 SODIUM	LT	0.20 UG/L	ENV. ENG.
0 NICKEL	LT	16100 UG/L	ENV. ENG.
2 NITRATE AS NITROGEN		4 UG/L	ENV. ENG.
0 LEAD	LT	18200 UG/L	ENV. ENG.
0 PHENOL	LT	6 UG/L	ENV. ENG.
0 SELENIUM	LT	5 UG/L	ENV. ENG.
0 SULFATE	LT	2 UG/L	ENV. ENG.
0 SULFATE	LT	5000 UG/L	ENV. ENG.
0 SULFATE	LT	5000 UG/L	ENV. ENG.
2 TETRACHLOROETHYLENE		228 UG/L	M-AREA,SRS
0 TOTAL PHOSPHATES	LT	319 UG/L	ENV. ENG.
2 TRICHLOROETHYLENE		319 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	100 UG/L	M-AREA,SRS
0 URANIUM	LT	1000 UG/L	ENV. ENG.
0 1,1-DICHLOROETHYLENE	LT	100 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	100 UG/L	M-AREA,SRS
0 ZINC		48 UG/L	ENV. ENG.

MELL MSB 39C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/30/88 TIME 1100  
 DEPTH TO WATER = 125.57 FT ( 38.27 M) BELOW THE TOC  
 WATER ELEVATION = 215.95 FT ( 65.82 M) MSL  
 PH = 4.4 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 64 UMHOS/CM  
 WATER TEMPERATURE = 18.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 85 GAL

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	62.60 UMHC	ENV. ENG.
0	PH	4.80 PH	ENV. ENG.
0	SILVER	LT	ENV. ENG.
1	ALUMINUM	108 UG/L	ENV. ENG.
0	ARSENIC	LT	ENV. ENG.
0	BARIUM	13 UG/L	ENV. ENG.
0	CADMIUM	LT	ENV. ENG.
0	CHLOROFORM	LT	ENV. ENG.
0	CHLORIDE	2600 UG/L	M-AREA,SRS
0	CHROMIUM	LT	ENV. ENG.
0	COPPER	4 UG/L	ENV. ENG.
0	CYANIDE	5 UG/L	ENV. ENG.
1	MERCURY	0.66 UG/L	ENV. ENG.
0	SODIUM	4240 UG/L	ENV. ENG.
0	NICKEL	LT	ENV. ENG.
1	NITRATE AS NITROGEN	5410 UG/L	ENV. ENG.
0	LEAD	LT	ENV. ENG.
0	PHENOL	LT	ENV. ENG.
0	SELENIUM	LT	ENV. ENG.
0	SULFATE	5000 UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	LT	M-AREA,SRS
0	TOTAL PHOSPHATES	LT	ENV. ENG.
2	TRICHLOROETHYLENE	75.7 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	M-AREA,SRS
0	URANIUM	LT	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	M-AREA,SRS
0	ZINC	27 UG/L	ENV. ENG.

MELL MSB 39D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/30/88 TIME 1115  
 DEPTH TO WATER = 108.44 FT ( 33.05 M) BELOW THE TOC  
 WATER ELEVATION = 233.26 FT ( 71.10 M) MSL  
 PH = 4.9 ALKALINITY = 3 MG/L  
 SPECIFIC CONDUCTANCE = 32 UMHOS/CM  
 WATER TEMPERATURE = 18.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 67 GAL

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	34.30 UMHC	ENV. ENG.
0	PH	5.70 PH	ENV. ENG.
0	SILVER	LT	ENV. ENG.
0	ALUMINUM	LT	ENV. ENG.
0	ARSENIC	LT	ENV. ENG.
0	BARIUM	9 UG/L	ENV. ENG.
0	CADMIUM	LT	ENV. ENG.
0	CHLOROFORM	LT	ENV. ENG.
0	CHLORIDE	1 UG/L	M-AREA,SRS
0	CHROMIUM	3800 UG/L	ENV. ENG.
1	COPPER	4 UG/L	ENV. ENG.
0	CYANIDE	LT	ENV. ENG.
0	MERCURY	5 UG/L	ENV. ENG.
0	SODIUM	0.20 UG/L	ENV. ENG.
0	NICKEL	2010 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	LT	ENV. ENG.
0	LEAD	1990 UG/L	ENV. ENG.
0	PHENOL	13 UG/L	ENV. ENG.
0	SELENIUM	5 UG/L	ENV. ENG.
0	SULFATE	2 UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	5000 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	M-AREA,SRS
0	TRICHLOROETHYLENE	LT	ENV. ENG.
0	TRANS-1,2-DICHLOROETHENE	LT	M-AREA,SRS
0	URANIUM	1 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	M-AREA,SRS
0	ZINC	88 UG/L	ENV. ENG.
0	ZINC	96 UG/L	ENV. ENG.

MELL MSB 39TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/30/88 TIME 1020  
 DEPTH TO WATER = 152.10 FT ( 46.36 M) BELOW THE TOC  
 WATER ELEVATION = 189.70 FT ( 57.82 M) MSL  
 PH = 4.9 ALKALINITY = 2 MG/L  
 SPECIFIC CONDUCTANCE = 21 UMHOS/CM  
 WATER TEMPERATURE = 18.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 400 GAL

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	30.60 UMHC	ENV. ENG.
0	PH	5.34 PH	ENV. ENG.
0	SILVER	LT	ENV. ENG.
0	ALUMINUM	LT	ENV. ENG.
0	ARSENIC	LT	ENV. ENG.
0	BARIUM	LT	ENV. ENG.
0	CADMIUM	2 UG/L	ENV. ENG.
0	CHLOROFORM	5 UG/L	ENV. ENG.
0	CHLORIDE	LT	M-AREA,SRS
0	CHROMIUM	2300 UG/L	ENV. ENG.
0	CHROMIUM	LT	ENV. ENG.
0	COPPER	LT	ENV. ENG.
0	CYANIDE	14 UG/L	ENV. ENG.
0	MERCURY	LT	ENV. ENG.
0	SODIUM	0.20 UG/L	ENV. ENG.
0	SODIUM	1420 UG/L	ENV. ENG.
0	NICKEL	1430 UG/L	ENV. ENG.
0	NICKEL	LT	ENV. ENG.
0	NITRATE AS NITROGEN	LT	ENV. ENG.
0	LEAD	50 UG/L	ENV. ENG.
0	PHENOL	LT	ENV. ENG.
0	SELENIUM	LT	ENV. ENG.
0	SULFATE	LT	ENV. ENG.
0	TETRACHLOROETHYLENE	5000 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	M-AREA,SRS
0	TRICHLOROETHYLENE	LT	ENV. ENG.
0	TRANS-1,2-DICHLOROETHENE	LT	M-AREA,SRS
0	URANIUM	1 UG/L	ENV. ENG.
0	URANIUM	1000 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	M-AREA,SRS
0	ZINC	1 UG/L	M-AREA,SRS
0	ZINC	83 UG/L	ENV. ENG.
0	ZINC	82 UG/L	ENV. ENG.

MELL MSB 40A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/05/88 TIME 1235  
 DEPTH TO WATER = 118.80 FT ( 36.21 M) BELOW THE TOC  
 WATER ELEVATION = 202.40 FT ( 61.69 M) MSL  
 PH = 4.5 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 48 UMHOS/CM  
 WATER TEMPERATURE = 19.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 256 GAL

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	53.70 UMHC	ENV. ENG.
0	PH	4.41 PH	ENV. ENG.
0	SILVER	LT	ENV. ENG.
0	ALUMINUM	34 UG/L	ENV. ENG.
0	ARSENIC	LT	ENV. ENG.
0	BARIUM	21 UG/L	ENV. ENG.
0	CADMIUM	LT	ENV. ENG.
0	CHLOROFORM	LT	M-AREA,SRS
0	CHLORIDE	2500 UG/L	ENV. ENG.
0	CHROMIUM	LT	ENV. ENG.
0	COPPER	4 UG/L	ENV. ENG.
0	CYANIDE	LT	ENV. ENG.
2	MERCURY	2.28 UG/L	ENV. ENG.
0	SODIUM	2180 UG/L	ENV. ENG.
0	NICKEL	5 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	LT	ENV. ENG.
0	LEAD	LT	ENV. ENG.
0	PHENOL	LT	ENV. ENG.
0	SELENIUM	LT	ENV. ENG.
1	SULFATE	2 UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	11700 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	M-AREA,SRS
0	TRICHLOROETHYLENE	280 UG/L	ENV. ENG.
0	TRANS-1,2-DICHLOROETHENE	LT	M-AREA,SRS
0	URANIUM	1 UG/L	M-AREA,SRS
0	URANIUM	1000 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	M-AREA,SRS
0	ZINC	1 UG/L	M-AREA,SRS
0	ZINC	29 UG/L	ENV. ENG.

## WELL MSB 408

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/05/88 TIME 1410  
 DEPTH TO WATER = 117.54 FT ( 35.83 M) BELOW THE TOC  
 WATER ELEVATION = 204.14 FT ( 62.22 M) MSL  
 PH = 4.8 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 27 UMHOS/CM  
 WATER TEMPERATURE = 18.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 162 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	31.70 UMHG	ENV. ENG.
0	PH	5.32 PH	ENV. ENG.
0	SILVER	LT	2 UG/L ENV. ENG.
0	ALUMINUM	LT	20 UG/L ENV. ENG.
0	ALUMINUM	LT	20 UG/L ENV. ENG.
0	ARSENIC	LT	2 UG/L ENV. ENG.
0	BARIUM	LT	6 UG/L ENV. ENG.
0	BARIUM	LT	6 UG/L ENV. ENG.
0	CADMIUM	LT	2 UG/L ENV. ENG.
0	CADMIUM	LT	2 UG/L ENV. ENG.
0	CHLOROFORM	LT	20 UG/L M-AREA,SRS
0	CHLOROFORM	LT	20 UG/L M-AREA,SRS
0	CHLORIDE	LT	2000 UG/L ENV. ENG.
0	CHROMIUM	LT	4 UG/L ENV. ENG.
0	CHROMIUM	LT	4 UG/L ENV. ENG.
0	COPPER	LT	12 UG/L ENV. ENG.
0	COPPER	LT	13 UG/L ENV. ENG.
0	CYANIDE	LT	5 UG/L ENV. ENG.
0	MERCURY	LT	0.20 UG/L ENV. ENG.
0	SODIUM	LT	1630 UG/L ENV. ENG.
0	SODIUM	LT	1640 UG/L ENV. ENG.
0	NICKEL	LT	4 UG/L ENV. ENG.
0	NICKEL	LT	4 UG/L ENV. ENG.
0	NITRATE AS NITROGEN	LT	890 UG/L ENV. ENG.
0	LEAD	LT	6 UG/L ENV. ENG.
0	PHENOL	LT	5 UG/L ENV. ENG.
0	SELENIUM	LT	2 UG/L ENV. ENG.
0	SULFATE	LT	5000 UG/L ENV. ENG.
0	TETRACHLOROETHYLENE	LT	2.00 UG/L M-AREA,SRS
0	TETRACHLOROETHYLENE	LT	2.00 UG/L M-AREA,SRS
0	TOTAL PHOSPHATES	LT	90 UG/L ENV. ENG.
2	TRICHLOROETHYLENE	LT	594 UG/L M-AREA,SRS
2	TRICHLOROETHYLENE	LT	622 UG/L M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	20 UG/L M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	20 UG/L M-AREA,SRS
0	URANIUM	LT	1000 UG/L ENV. ENG.
0	URANIUM	LT	1000 UG/L ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	20 UG/L M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	20 UG/L M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	20 UG/L M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	20 UG/L M-AREA,SRS
0	ZINC	LT	33 UG/L ENV. ENG.
0	ZINC	LT	34 UG/L ENV. ENG.

## WELL MSB 40C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/05/88 TIME 1505  
 PH = 5.2 ALKALINITY = 3 MG/L  
 SPECIFIC CONDUCTANCE = 48 UMHOS/CM  
 WATER TEMPERATURE = 20.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 69 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	53.20 UMHG	ENV. ENG.
0	PH	5.02 PH	ENV. ENG.
0	SILVER	LT	2 UG/L ENV. ENG.
0	ALUMINUM	LT	73 UG/L ENV. ENG.
0	ARSENIC	LT	2 UG/L ENV. ENG.
0	BARIUM	LT	14 UG/L ENV. ENG.
0	CADMIUM	LT	2 UG/L ENV. ENG.
0	CHLORIDE	LT	2000 UG/L ENV. ENG.
0	CHLORIDE	LT	2000 UG/L ENV. ENG.
0	CHROMIUM	LT	4 UG/L ENV. ENG.
0	COPPER	LT	8 UG/L ENV. ENG.
0	CYANIDE	LT	5 UG/L ENV. ENG.
0	MERCURY	LT	0.20 UG/L ENV. ENG.
0	MERCURY	LT	0.20 UG/L ENV. ENG.
0	SODIUM	LT	2310 UG/L ENV. ENG.
0	NICKEL	LT	5 UG/L ENV. ENG.
0	NITRATE AS NITROGEN	LT	470 UG/L ENV. ENG.
0	LEAD	LT	6 UG/L ENV. ENG.
0	PHENOL	LT	5 UG/L ENV. ENG.
0	SELENIUM	LT	2 UG/L ENV. ENG.
0	SULFATE	LT	7700 UG/L ENV. ENG.
0	SULFATE	LT	7800 UG/L ENV. ENG.
1	TOTAL PHOSPHATES	LT	740 UG/L ENV. ENG.
0	URANIUM	LT	1000 UG/L ENV. ENG.
0	ZINC	LT	25 UG/L ENV. ENG.

## WELL MSB 400

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/06/88 TIME 1030  
 PH = 5.4 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 27 UMHOS/CM  
 WATER TEMPERATURE = 17.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 4 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	31.90 UMHG	ENV. ENG.
0	PH	5.38 PH	ENV. ENG.
0	SILVER	LT	2 UG/L ENV. ENG.
0	ALUMINUM	LT	79 UG/L ENV. ENG.
0	ARSENIC	LT	2 UG/L ENV. ENG.
0	BARIUM	LT	7 UG/L ENV. ENG.
0	CADMIUM	LT	2 UG/L ENV. ENG.
0	CHLORIDE	LT	2000 UG/L ENV. ENG.
0	CHROMIUM	LT	4 UG/L ENV. ENG.
1	COPPER	LT	36 UG/L ENV. ENG.
0	CYANIDE	LT	5 UG/L ENV. ENG.
0	MERCURY	LT	0.20 UG/L ENV. ENG.
0	SODIUM	LT	1400 UG/L ENV. ENG.
0	NICKEL	LT	4 UG/L ENV. ENG.
0	NITRATE AS NITROGEN	LT	820 UG/L ENV. ENG.
1	LEAD	LT	22 UG/L ENV. ENG.
0	PHENOL	LT	5 UG/L ENV. ENG.
0	SELENIUM	LT	2 UG/L ENV. ENG.
0	SULFATE	LT	5000 UG/L ENV. ENG.
0	TOTAL PHOSPHATES	LT	260 UG/L ENV. ENG.
0	URANIUM	LT	1000 UG/L ENV. ENG.
0	ZINC	LT	24 UG/L ENV. ENG.

## WELL MSB 40TA

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/05/88 TIME 1255  
 DEPTH TO WATER = 134.02 FT ( 40.85 M) BELOW THE TOC  
 WATER ELEVATION = 186.78 FT ( 56.93 M) MSL  
 PH = 5.3 ALKALINITY = 7 MG/L  
 SPECIFIC CONDUCTANCE = 33 UMHOS/CM  
 WATER TEMPERATURE = 18.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 455 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	34.40 UMHG	ENV. ENG.
0	SPECIFIC CONDUCTANCE	32.60 UMHG	ENV. ENG.
0	PH	5.48 PH	ENV. ENG.
0	PH	5.71 PH	ENV. ENG.
0	SILVER	LT	2 UG/L ENV. ENG.
0	ALUMINUM	LT	20 UG/L ENV. ENG.
0	ARSENIC	LT	2 UG/L ENV. ENG.
0	BARIUM	LT	7 UG/L ENV. ENG.
0	CADMIUM	LT	2 UG/L ENV. ENG.
0	CHLOROFORM	LT	1 UG/L M-AREA,SRS
0	CHLORIDE	LT	2400 UG/L ENV. ENG.
0	CHROMIUM	LT	4 UG/L ENV. ENG.
0	COPPER	LT	7 UG/L ENV. ENG.
0	CYANIDE	LT	5 UG/L ENV. ENG.
0	MERCURY	LT	0.20 UG/L ENV. ENG.
0	SODIUM	LT	1710 UG/L ENV. ENG.
0	NICKEL	LT	4 UG/L ENV. ENG.
0	NITRATE AS NITROGEN	LT	50 UG/L ENV. ENG.
0	LEAD	LT	7 UG/L ENV. ENG.
0	PHENOL	LT	5 UG/L ENV. ENG.
0	SELENIUM	LT	2 UG/L ENV. ENG.
0	SULFATE	LT	5000 UG/L ENV. ENG.
0	TETRACHLOROETHYLENE	LT	1.00 UG/L M-AREA,SRS
0	TOTAL PHOSPHATES	LT	40 UG/L ENV. ENG.
0	TRICHLOROETHYLENE	LT	1.00 UG/L M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 UG/L M-AREA,SRS
0	URANIUM	LT	1000 UG/L ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	1 UG/L M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L M-AREA,SRS
0	ZINC	LT	14 UG/L ENV. ENG.

## WELL MSB 41A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/07/88 TIME 1240  
 DEPTH TO WATER = 108.15 FT ( 32.96 M) BELOW THE TOC  
 WATER ELEVATION = 215.45 FT ( 65.73 M) MSL  
 PH = 6.0 ALKALINITY = 9 MG/L  
 SPECIFIC CONDUCTANCE = 37 UMHOS/CM  
 WATER TEMPERATURE = 18.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 366 GAL

## LABORATORY ANALYSES

0	CHLOROFORM	LT	1 UG/L M-AREA,SRS
1	TETRACHLOROETHYLENE	LT	1.11 UG/L M-AREA,SRS
0	TRICHLOROETHYLENE	LT	1.00 UG/L M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 UG/L M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	1 UG/L M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L M-AREA,SRS

## WELL MSB 418

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/07/88 TIME 1320  
 DEPTH TO WATER = 108.33 FT ( 33.02 M) BELOW THE TOC  
 WATER ELEVATION = 215.67 FT ( 65.74 M) MSL  
 PH = 5.1 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 19 UMHOS/CM  
 WATER TEMPERATURE = 18.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 284 GAL

## LABORATORY ANALYSES

0	CHLOROFORM	LT	1 UG/L	M-AREA,SRS
2	TETRACHLOROETHYLENE		7.66 UG/L	M-AREA,SRS
1	TRICHLOROETHYLENE		1.40 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 41C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/07/88 TIME 1150  
 DEPTH TO WATER = 108.18 FT ( 32.97 M) BELOW THE TOC  
 WATER ELEVATION = 216.42 FT ( 65.97 M) MSL  
 PH = 4.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 17 UMHOS/CM  
 WATER TEMPERATURE = 18.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 192 GAL

## LABORATORY ANALYSES

0	CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0	TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0	TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 41D

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/07/88 TIME 1120  
 THE WELL WAS DRY.

## WELL MSB 41TA

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/07/88 TIME 1305  
 DEPTH TO WATER = 121.14 FT ( 36.92 M) BELOW THE TOC  
 WATER ELEVATION = 202.56 FT ( 61.74 M) MSL  
 PH = 5.2 ALKALINITY = 2 MG/L  
 SPECIFIC CONDUCTANCE = 21 UMHOS/CM  
 WATER TEMPERATURE = 19.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 496 GAL

## LABORATORY ANALYSES

0	CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0	TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0	TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 42A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/08/88 TIME 1200  
 DEPTH TO WATER = 157.81 FT ( 48.10 M) BELOW THE TOC  
 WATER ELEVATION = 218.79 FT ( 66.69 M) MSL  
 PH = 5.1 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 23 UMHOS/CM  
 WATER TEMPERATURE = 19.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 266 GAL

## LABORATORY ANALYSES

0	CHLOROFORM	LT	100 UG/L	M-AREA,SRS
2	TETRACHLOROETHYLENE		124 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		987 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	100 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	100 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	100 UG/L	M-AREA,SRS

## WELL MSB 42B

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/08/88 TIME 1250  
 DEPTH TO WATER = 149.66 FT ( 45.62 M) BELOW THE TOC  
 WATER ELEVATION = 226.84 FT ( 69.14 M) MSL  
 PH = 4.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 30 UMHOS/CM  
 WATER TEMPERATURE = 19.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 191 GAL

## LABORATORY ANALYSES

0	CHLOROFORM	LT	50 UG/L	M-AREA,SRS
2	TETRACHLOROETHYLENE		17.4 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		256 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	50 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	50 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	50 UG/L	M-AREA,SRS

## WELL MSB 42C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/08/88 TIME 1235  
 DEPTH TO WATER = 145.74 FT ( 43.81 M) BELOW THE TOC  
 WATER ELEVATION = 232.76 FT ( 70.95 M) MSL  
 PH = 5.4 ALKALINITY = 2 MG/L  
 SPECIFIC CONDUCTANCE = 24 UMHOS/CM  
 WATER TEMPERATURE = 19.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 96 GAL

## LABORATORY ANALYSES

0	CHLOROFORM	LT	1 UG/L	M-AREA,SRS
2	TETRACHLOROETHYLENE		8.96 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		23.4 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 42D

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/09/88 TIME 1445  
 PH = 5.3 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 20 UMHOS/CM  
 WATER TEMPERATURE = 22.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 1 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

0	CHLOROFORM	LT	50 UG/L	M-AREA,SRS
2	TETRACHLOROETHYLENE		9.72 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		75.8 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	50 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	50 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	50 UG/L	M-AREA,SRS

## WELL MSB 42TA

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/08/88 TIME 1210  
 DEPTH TO WATER = 173.69 FT ( 52.94 M) BELOW THE TOC  
 WATER ELEVATION = 203.01 FT ( 61.88 M) MSL  
 PH = 5.0 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 18 UMHOS/CM  
 WATER TEMPERATURE = 19.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 445 GAL

## LABORATORY ANALYSES

0	CHLOROFORM	LT	1 UG/L	M-AREA,SRS
1	TETRACHLOROETHYLENE		2.05 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		3.97 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS



## WELL MSB 45A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/28/88 TIME 1600  
 DEPTH TO WATER = 126.85 FT ( 38.66 M) BELOW THE TOC  
 WATER ELEVATION = 231.05 FT ( 70.42 M) MSL  
 PH = 5.0 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 23 UMHOS/CM  
 WATER TEMPERATURE = 19.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 249 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	24.20 UMHG	ENV. ENG.
0	PH	5.58 PH	ENV. ENG.
0	SILVER	LT	2 UG/L ENV. ENG.
0	ALUMINUM	LT	20 UG/L ENV. ENG.
0	ARSENIC	LT	2 UG/L ENV. ENG.
0	BARIUM	LT	5 UG/L ENV. ENG.
0	CADMIUM	LT	2 UG/L ENV. ENG.
0	CHLOROFORM	LT	1 UG/L M-AREA,SRS
0	CHLORIDE	LT	1500 UG/L ENV. ENG.
0	CHROMIUM	LT	4 UG/L ENV. ENG.
0	COPPER	LT	11 UG/L ENV. ENG.
0	COPPER	LT	11 UG/L ENV. ENG.
0	CYANIDE	LT	5 UG/L ENV. ENG.
0	CYANIDE	LT	5 UG/L ENV. ENG.
0	MERCURY	LT	0.20 UG/L ENV. ENG.
0	SODIUM	LT	1650 UG/L ENV. ENG.
0	NICKEL	LT	4 UG/L ENV. ENG.
0	NITRATE AS NITROGEN	LT	1290 UG/L ENV. ENG.
0	LEAD	LT	6 UG/L ENV. ENG.
0	PHENOL	LT	5 UG/L ENV. ENG.
0	SELENIUM	LT	2 UG/L ENV. ENG.
0	SULFATE	LT	5000 UG/L ENV. ENG.
0	TETRACHLOROETHYLENE	LT	1.00 UG/L M-AREA,SRS
0	TOTAL DISSOLVED SOLIDS	LT	122000 UG/L ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L ENV. ENG.
0	TRICHLOROETHYLENE	LT	1.00 UG/L M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 UG/L M-AREA,SRS
0	URANIUM	LT	1000 UG/L ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	1 UG/L M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L M-AREA,SRS
0	ZINC	LT	32 UG/L ENV. ENG.
0	TOTAL RADIUM	LT	1 PCI/L RAD. MEAS.

## WELL MSB 43B

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/28/88 TIME 1510  
 DEPTH TO WATER = 126.83 FT ( 38.66 M) BELOW THE TOC  
 WATER ELEVATION = 231.17 FT ( 70.46 M) MSL  
 PH = 4.8 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 37 UMHOS/CM  
 WATER TEMPERATURE = 19.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 159 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	24.50 UMHG	ENV. ENG.
0	PH	5.65 PH	ENV. ENG.
0	SILVER	LT	2 UG/L ENV. ENG.
0	SILVER	LT	2 UG/L ENV. ENG.
0	ALUMINUM	LT	20 UG/L ENV. ENG.
0	ARSENIC	LT	2 UG/L ENV. ENG.
0	BARIUM	LT	4 UG/L ENV. ENG.
0	CADMIUM	LT	2 UG/L ENV. ENG.
0	CHLORIDE	LT	1800 UG/L ENV. ENG.
0	CHROMIUM	LT	4 UG/L ENV. ENG.
0	COPPER	LT	9 UG/L ENV. ENG.
0	CYANIDE	LT	5 UG/L ENV. ENG.
0	MERCURY	LT	0.20 UG/L ENV. ENG.
0	SODIUM	LT	1910 UG/L ENV. ENG.
0	NICKEL	LT	4 UG/L ENV. ENG.
0	NITRATE AS NITROGEN	LT	1520 UG/L ENV. ENG.
0	LEAD	LT	6 UG/L ENV. ENG.
0	PHENOL	LT	5 UG/L ENV. ENG.
0	SELENIUM	LT	2 UG/L ENV. ENG.
0	SULFATE	LT	5000 UG/L ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	LT	102000 UG/L ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L ENV. ENG.
0	URANIUM	LT	1000 UG/L ENV. ENG.
0	ZINC	LT	71 UG/L ENV. ENG.
0	TOTAL RADIUM	LT	0.61+-0.54 PCI/L RAD. MEAS.

## WELL MSB 43D

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/28/88 TIME 1615  
 DEPTH TO WATER = 124.52 FT ( 37.95 M) BELOW THE TOC  
 WATER ELEVATION = 232.98 FT ( 71.01 M) MSL  
 PH = 4.6 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 25 UMHOS/CM  
 WATER TEMPERATURE = 19.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 84 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	25.80 UMHG	ENV. ENG.
0	PH	5.29 PH	ENV. ENG.
0	SILVER	LT	2 UG/L ENV. ENG.
0	ALUMINUM	LT	50 UG/L ENV. ENG.
0	ALUMINUM	LT	52 UG/L ENV. ENG.
0	ARSENIC	LT	2 UG/L ENV. ENG.
0	BARIUM	LT	4 UG/L ENV. ENG.
0	BARIUM	LT	4 UG/L ENV. ENG.
0	CADMIUM	LT	2 UG/L ENV. ENG.
0	CADMIUM	LT	2 UG/L ENV. ENG.
0	CHLORIDE	LT	2100 UG/L ENV. ENG.
0	CHROMIUM	LT	4 UG/L ENV. ENG.
0	CHROMIUM	LT	4 UG/L ENV. ENG.
0	COPPER	LT	5 UG/L ENV. ENG.
0	COPPER	LT	5 UG/L ENV. ENG.
0	CYANIDE	LT	5 UG/L ENV. ENG.
0	MERCURY	LT	0.20 UG/L ENV. ENG.
0	SODIUM	LT	1720 UG/L ENV. ENG.
0	SODIUM	LT	1740 UG/L ENV. ENG.
0	NICKEL	LT	4 UG/L ENV. ENG.
0	NICKEL	LT	4 UG/L ENV. ENG.
0	NITRATE AS NITROGEN	LT	1210 UG/L ENV. ENG.
0	NITRATE AS NITROGEN	LT	1210 UG/L ENV. ENG.
0	LEAD	LT	10 UG/L ENV. ENG.
0	LEAD	LT	9 UG/L ENV. ENG.
0	PHENOL	LT	5 UG/L ENV. ENG.
0	PHENOL	LT	5 UG/L ENV. ENG.
0	SELENIUM	LT	2 UG/L ENV. ENG.
0	SULFATE	LT	5000 UG/L ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	LT	112000 UG/L ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L ENV. ENG.
0	URANIUM	LT	1000 UG/L ENV. ENG.
0	URANIUM	LT	1000 UG/L ENV. ENG.
0	ZINC	LT	42 UG/L ENV. ENG.
0	ZINC	LT	46 UG/L ENV. ENG.
0	TOTAL RADIUM	LT	1 PCI/L RAD. MEAS.

## WELL MSB 43TA

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/28/88 TIME 1555  
 DEPTH TO WATER = 156.23 FT ( 47.62 M) BELOW THE TOC  
 WATER ELEVATION = 201.37 FT ( 61.38 M) MSL  
 PH = 4.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 22 UMHOS/CM  
 WATER TEMPERATURE = 19.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 450 GAL

## LABORATORY ANALYSES

0	CHLOROFORM	LT	1 UG/L M-AREA,SRS
0	TETRACHLOROETHYLENE	LT	1.00 UG/L M-AREA,SRS
0	TRICHLOROETHYLENE	LT	1.00 UG/L M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 UG/L M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	1 UG/L M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L M-AREA,SRS

## WELL MSB 44A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/28/88 TIME 1210  
 DEPTH TO WATER = 159.20 FT ( 48.52 M) BELOW THE TOC  
 WATER ELEVATION = 217.70 FT ( 66.36 M) MSL  
 PH = 4.9 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 20 UMHOS/CM  
 WATER TEMPERATURE = 18.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 256 GAL

## LABORATORY ANALYSES

0	CHLOROFORM	LT	1 UG/L M-AREA,SRS
0	TETRACHLOROETHYLENE	LT	1.00 UG/L M-AREA,SRS
1	TRICHLOROETHYLENE	LT	1.90 UG/L M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 UG/L M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	1 UG/L M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L M-AREA,SRS

## WELL MSB 44B

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/28/88 TIME 1150  
 DEPTH TO WATER = 151.12 FT ( 46.06 M) BELOW THE TOC  
 WATER ELEVATION = 225.98 FT ( 68.88 M) MSL  
 PH = 5.0 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 34 UMHOS/CM  
 WATER TEMPERATURE = 18.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 142 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 44C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/18/88 TIME 1525  
 DEPTH TO WATER = 138.04 FT ( 42.08 M) BELOW THE TOC  
 WATER ELEVATION = 239.84 FT ( 73.10 M) MSL  
 PH = 6.4 ALKALINITY = 85 MG/L  
 SPECIFIC CONDUCTANCE = 179 UMHOS/CM  
 WATER TEMPERATURE = 15.2 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 45A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/19/88 TIME 1725  
 DEPTH TO WATER = 164.37 FT ( 50.10 M) BELOW THE TOC  
 WATER ELEVATION = 216.73 FT ( 66.04 M) MSL  
 PH = 5.4 ALKALINITY = 6 MG/L  
 SPECIFIC CONDUCTANCE = 41 UMHOS/CM  
 WATER TEMPERATURE = 19.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 236 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	100 UG/L	M-AREA,SRS
2 TETRACHLOROETHYLENE	LT	129 UG/L	M-AREA,SRS
2 TRICHLOROETHYLENE	LT	736 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	100 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	100 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	100 UG/L	M-AREA,SRS

## WELL MSB 45B

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/19/88 TIME 1700  
 DEPTH TO WATER = 153.63 FT ( 46.83 M) BELOW THE TOC  
 WATER ELEVATION = 227.47 FT ( 69.33 M) MSL  
 PH = 4.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 39 UMHOS/CM  
 WATER TEMPERATURE = 19.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 132 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 45C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/19/88 TIME 1625  
 THE WELL WAS DRY.

## WELL MSB 46A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/19/88 TIME 1550  
 DEPTH TO WATER = 157.06 FT ( 47.87 M) BELOW THE TOC  
 WATER ELEVATION = 215.64 FT ( 65.73 M) MSL  
 PH = 10.5 ALKALINITY = 50 MG/L  
 SPECIFIC CONDUCTANCE = 164 UMHOS/CM  
 WATER TEMPERATURE = 18.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 58 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 46B

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/18/88 TIME 1605  
 PH = 5.2 ALKALINITY = 4 MG/L  
 SPECIFIC CONDUCTANCE = 41 UMHOS/CM  
 WATER TEMPERATURE = 18.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 123 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 46C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1620  
 THE WELL WAS DRY.

## WELL MSB 47B

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/20/88 TIME 1610  
 DEPTH TO WATER = 140.79 FT ( 42.91 M) BELOW THE TOC  
 WATER ELEVATION = 228.21 FT ( 69.56 M) MSL  
 PH = 6.3 ALKALINITY = 31 MG/L  
 SPECIFIC CONDUCTANCE = 111 UMHOS/CM  
 WATER TEMPERATURE = 18.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 210 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	500 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	50.0 UG/L	M-AREA,SRS
2 TRICHLOROETHYLENE	LT	1550 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	500 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	500 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	500 UG/L	M-AREA,SRS

## WELL MSB 47C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/20/88 TIME 1525  
 DEPTH TO WATER = 134.82 FT ( 41.09 M) BELOW THE TOC  
 WATER ELEVATION = 234.48 FT ( 71.47 M) MSL  
 PH = 5.4 ALKALINITY = 5 MG/L  
 SPECIFIC CONDUCTANCE = 48 UMHOS/CM  
 WATER TEMPERATURE = 18.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 112 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	2000 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	200 UG/L	M-AREA,SRS
2 TRICHLOROETHYLENE	LT	12000 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	2000 UG/L	M-AREA,SRS

CONTINUED

WELL MSB 47C COLLECTED ON 10/20/88 LABORATORY ANALYSES CONTINUED

0 1,1-DICHLOROETHYLENE	LT	2000 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	2000 UG/L	M-AREA,SRS

WELL MSB 47D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/20/88 TIME 1500  
 DEPTH TO WATER = 133.61 FT ( 40.72 M) BELOW THE TOC  
 WATER ELEVATION = 235.59 FT ( 71.81 M) MSL  
 PH = 4.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 79 UMHOS/CM  
 WATER TEMPERATURE = 18.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 37 GAL

LABORATORY ANALYSES

0 CHLOROFORM	LT	3 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	2.50 UG/L	M-AREA,SRS
0 TRICHLOROETHYLENE	LT	2.50 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	3 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	3 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	3 UG/L	M-AREA,SRS

WELL MSB 47TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/20/88 TIME 1620  
 DEPTH TO WATER = 152.89 FT ( 46.60 M) BELOW THE TOC  
 WATER ELEVATION = 216.11 FT ( 65.87 M) MSL  
 PH = 5.0 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 25 UMHOS/CM  
 WATER TEMPERATURE = 18.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 450 GAL

LABORATORY ANALYSES

0 CHLOROFORM	LT	50 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	5.00 UG/L	M-AREA,SRS
2 TRICHLOROETHYLENE	LT	561 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	50 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	50 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	50 UG/L	M-AREA,SRS

WELL MSB 480

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/27/88 TIME 845  
 DEPTH TO WATER = 129.59 FT ( 39.50 M) BELOW THE TOC  
 WATER ELEVATION = 235.61 FT ( 71.21 M) MSL  
 PH = 11.7 ALKALINITY = 522 MG/L  
 SPECIFIC CONDUCTANCE = 1419 UMHOS/CM  
 WATER TEMPERATURE = 19.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 1 GAL  
 THE WELL WENT DRY DURING PURGING.

WELL MSB 490

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/06/88 TIME 1600  
 DEPTH TO WATER = 131.67 FT ( 40.13 M) BELOW THE TOC  
 WATER ELEVATION = 203.15 FT ( 61.91 M) MSL  
 PH = 6.1 ALKALINITY = 19 MG/L  
 SPECIFIC CONDUCTANCE = 59 UMHOS/CM  
 WATER TEMPERATURE = 19.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 256 GAL

LABORATORY ANALYSES

0 CHLOROFORM	LT	10 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	10.0 UG/L	M-AREA,SRS
2 TRICHLOROETHYLENE	LT	164 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	10 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	10 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	10 UG/L	M-AREA,SRS

WELL MSB 490

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/07/88 TIME 1100  
 DEPTH TO WATER = 107.70 FT ( 32.83 M) BELOW THE TOC  
 WATER ELEVATION = 226.50 FT ( 69.04 M) MSL  
 PH = 6.3 ALKALINITY = 21 MG/L  
 SPECIFIC CONDUCTANCE = 60 UMHOS/CM  
 WATER TEMPERATURE = 17.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 17 GAL  
 THE WELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

WELL MSB 500

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/07/88 TIME 1035  
 DEPTH TO WATER = 21.62 FT ( 6.59 M) BELOW THE TOC  
 WATER ELEVATION = 202.38 FT ( 61.69 M) MSL  
 PH = 6.1 ALKALINITY = 9 MG/L  
 SPECIFIC CONDUCTANCE = 34 UMHOS/CM  
 WATER TEMPERATURE = 17.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 152 GAL

LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
1 TETRACHLOROETHYLENE	LT	2.15 UG/L	M-AREA,SRS
2 TRICHLOROETHYLENE	LT	5.20 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

WELL MSB 500

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/07/88 TIME 1020  
 DEPTH TO WATER = 20.87 FT ( 6.36 M) BELOW THE TOC  
 WATER ELEVATION = 202.63 FT ( 61.76 M) MSL  
 PH = 5.1 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 56 UMHOS/CM  
 WATER TEMPERATURE = 17.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 44 GAL

LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

WELL MSB 510

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/07/88 TIME 950  
 DEPTH TO WATER = 59.52 FT ( 18.14 M) BELOW THE TOC  
 WATER ELEVATION = 203.98 FT ( 62.17 M) MSL  
 PH = 6.5 ALKALINITY = 18 MG/L  
 SPECIFIC CONDUCTANCE = 50 UMHOS/CM  
 WATER TEMPERATURE = 17.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 144 GAL

LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 510

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/07/88 TIME 1340  
 DEPTH TO WATER = 53.36 FT ( 16.26 M) BELOW THE TOC  
 WATER ELEVATION = 209.14 FT ( 63.75 M) MSL  
 PH = 4.8 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 18 UMHOS/CM  
 WATER TEMPERATURE = 20.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 6 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

0	CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0	TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0	TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 528

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/28/88 TIME 1310  
 DEPTH TO WATER = 103.48 FT ( 31.54 M) BELOW THE TOC  
 WATER ELEVATION = 218.42 FT ( 66.58 M) MSL  
 PH = 10.7 ALKALINITY = 69 MG/L  
 SPECIFIC CONDUCTANCE = 175 UMHOS/CM  
 WATER TEMPERATURE = 18.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 304 GAL

## LABORATORY ANALYSES

0	CHLOROFORM	LT	1 UG/L	M-AREA,SRS
1	TETRACHLOROETHYLENE		2.32 UG/L	M-AREA,SRS
1	TRICHLOROETHYLENE		1.13 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 520

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/29/88 TIME 940  
 DEPTH TO WATER = 83.94 FT ( 25.59 M) BELOW THE TOC  
 WATER ELEVATION = 237.86 FT ( 72.50 M) MSL  
 PH = 5.6 ALKALINITY = 4 MG/L  
 SPECIFIC CONDUCTANCE = 24 UMHOS/CM  
 WATER TEMPERATURE = 17.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 2 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

0	CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0	TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0	TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 530

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/02/88 TIME 1430  
 DEPTH TO WATER = 123.43 FT ( 37.62 M) BELOW THE TOC  
 WATER ELEVATION = 222.07 FT ( 67.69 M) MSL  
 PH = 5.2 ALKALINITY = 3 MG/L  
 SPECIFIC CONDUCTANCE = 21 UMHOS/CM  
 WATER TEMPERATURE = 19.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 104 GAL

## LABORATORY ANALYSES

0	CHLOROFORM	LT	1 UG/L	M-AREA,SRS
1	TETRACHLOROETHYLENE		1.37 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		2.66 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 530

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/02/88 TIME 1420  
 DEPTH TO WATER = 111.79 FT ( 34.07 M) BELOW THE TOC  
 WATER ELEVATION = 233.31 FT ( 71.11 M) MSL  
 PH = 4.7 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 23 UMHOS/CM  
 WATER TEMPERATURE = 18.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 25 GAL

## LABORATORY ANALYSES

0	CHLOROFORM	LT	1 UG/L	M-AREA,SRS
1	TETRACHLOROETHYLENE		1.50 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		3.91 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 548

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/30/88 TIME 1450  
 DEPTH TO WATER = 151.78 FT ( 46.26 M) BELOW THE TOC  
 WATER ELEVATION = 221.92 FT ( 67.64 M) MSL  
 PH = 5.8 ALKALINITY = 14 MG/L  
 SPECIFIC CONDUCTANCE = 37 UMHOS/CM  
 WATER TEMPERATURE = 19.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 250 GAL

## LABORATORY ANALYSES

0	CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0	TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0	TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 540

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/30/88 TIME 1525  
 DEPTH TO WATER = 146.66 FT ( 44.70 M) BELOW THE TOC  
 WATER ELEVATION = 227.04 FT ( 69.20 M) MSL  
 PH = 10.3 ALKALINITY = 80 MG/L  
 SPECIFIC CONDUCTANCE = 255 UMHOS/CM  
 WATER TEMPERATURE = 18.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 242 GAL

## LABORATORY ANALYSES

0	CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0	TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0	TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 540

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/30/88 TIME 1250  
 DEPTH TO WATER = 139.67 FT ( 42.57 M) BELOW THE TOC  
 WATER ELEVATION = 234.33 FT ( 71.42 M) MSL  
 PH = 5.0 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 25 UMHOS/CM  
 WATER TEMPERATURE = 18.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 36 GAL

## LABORATORY ANALYSES

0	CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0	TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0	TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 540

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/30/88 TIME 1250  
 DEPTH TO WATER = 139.67 FT ( 42.57 M) BELOW THE TOC  
 WATER ELEVATION = 234.33 FT ( 71.42 M) MSL  
 PH = 5.0 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 25 UMHOS/CM  
 WATER TEMPERATURE = 18.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 36 GAL

## LABORATORY ANALYSES

1 CHLOROFORM		1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 54TA

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/30/88 TIME 1555  
 DEPTH TO WATER = 154.74 FT ( 47.17 M) BELOW THE TOC  
 WATER ELEVATION = 219.06 FT ( 66.77 M) MSL  
 PH = 6.9 ALKALINITY = 27 MG/L  
 SPECIFIC CONDUCTANCE = 62 UMHOS/CM  
 WATER TEMPERATURE = 19.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 505 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 550

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/20/88 TIME 955  
 DEPTH TO WATER = 133.39 FT ( 40.66 M) BELOW THE TOC  
 WATER ELEVATION = 235.01 FT ( 71.63 M) MSL  
 PH = 5.2 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 31 UMHOS/CM  
 WATER TEMPERATURE = 17.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 25 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 560

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/20/88 TIME 1020  
 DEPTH TO WATER = 58.65 FT ( 17.88 M) BELOW THE TOC  
 WATER ELEVATION = 221.15 FT ( 67.41 M) MSL  
 PH = 4.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 18 UMHOS/CM  
 WATER TEMPERATURE = 17.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 24 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 61C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/02/88 TIME 1250  
 DEPTH TO WATER = 95.26 FT ( 29.04 M) BELOW THE TOC  
 WATER ELEVATION = 222.34 FT ( 67.77 M) MSL  
 PH = 4.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 27 UMHOS/CM  
 WATER TEMPERATURE = 17.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 160 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 61D

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/02/88 TIME 1450  
 DEPTH TO WATER = 93.34 FT ( 28.45 M) BELOW THE TOC  
 WATER ELEVATION = 224.76 FT ( 68.51 M) MSL  
 PH = 5.3 ALKALINITY = 6 MG/L  
 SPECIFIC CONDUCTANCE = 27 UMHOS/CM  
 WATER TEMPERATURE = 18.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 12 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL MSB 1

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/21/88 TIME 1640  
 DEPTH TO WATER = 88.74 FT ( 27.05 M) BELOW THE TOC  
 WATER ELEVATION = 222.76 FT ( 67.90 M) MSL  
 PH = 4.8 ALKALINITY = 2 MG/L  
 SPECIFIC CONDUCTANCE = 156 UMHOS/CM  
 WATER TEMPERATURE = 21.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 14 GAL  
 THE WELL WENT DRY DURING PURGING.

## WELL MSB 2

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/21/88 TIME 1630  
 DEPTH TO WATER = 88.52 FT ( 26.98 M) BELOW THE TOC  
 WATER ELEVATION = 224.18 FT ( 68.33 M) MSL  
 PH = 4.9 ALKALINITY = 4 MG/L  
 SPECIFIC CONDUCTANCE = 486 UMHOS/CM  
 WATER TEMPERATURE = 21.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 15 GAL  
 THE WELL WENT DRY DURING PURGING.

## WELL MSB 3

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/21/88 TIME 1610  
 DEPTH TO WATER = 96.75 FT ( 29.49 M) BELOW THE TOC  
 WATER ELEVATION = 215.65 FT ( 65.73 M) MSL  
 PH = 6.3 ALKALINITY = 44 MG/L  
 SPECIFIC CONDUCTANCE = 124 UMHOS/CM  
 WATER TEMPERATURE = 21.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 7 GAL  
 THE WELL WENT DRY DURING PURGING.

## WELL NRG 4

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/21/88 TIME 1600  
 DEPTH TO WATER = 91.47 FT ( 27.88 M) BELOW THE TOC  
 WATER ELEVATION = 215.03 FT ( 65.54 M) MSL  
 PH = 5.0 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 31 UMHOS/CM  
 WATER TEMPERATURE = 20.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 8 GAL  
 THE WELL WENT DRY DURING PURGING.

## WELL NRG 5

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/21/88 TIME 1550  
 DEPTH TO WATER = 88.08 FT ( 26.85 M) BELOW THE TOC  
 WATER ELEVATION = 215.42 FT ( 65.66 M) MSL  
 PH = 5.3 ALKALINITY = 8 MG/L  
 SPECIFIC CONDUCTANCE = 43 UMHOS/CM  
 WATER TEMPERATURE = 20.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 14 GAL  
 THE WELL WENT DRY DURING PURGING.

## WELL PAC 1

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/01/88 TIME 1415  
 DEPTH TO WATER = 12.99 FT ( 3.96 M) BELOW THE TOC  
 WATER ELEVATION = 282.91 FT ( 86.23 M) MSL  
 PH = 5.0 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 43 UMHOS/CM  
 WATER TEMPERATURE = 20.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 77 GAL

## WELL PAC 2

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/01/88 TIME 1510  
 DEPTH TO WATER = 15.56 FT ( 4.74 M) BELOW THE TOC  
 WATER ELEVATION = 269.24 FT ( 82.07 M) MSL  
 PH = 5.8 ALKALINITY = 15 MG/L  
 SPECIFIC CONDUCTANCE = 99 UMHOS/CM  
 WATER TEMPERATURE = 19.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 56 GAL

## WELL PAC 3

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/01/88 TIME 1455  
 DEPTH TO WATER = 20.16 FT ( 6.14 M) BELOW THE TOC  
 WATER ELEVATION = 269.74 FT ( 82.22 M) MSL  
 PH = 5.3 ALKALINITY = 11 MG/L  
 SPECIFIC CONDUCTANCE = 389 UMHOS/CM  
 WATER TEMPERATURE = 19.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 44 GAL

## WELL PAC 4

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/01/88 TIME 1435  
 DEPTH TO WATER = 8.53 FT ( 2.60 M) BELOW THE TOC  
 WATER ELEVATION = 283.07 FT ( 86.28 M) MSL  
 PH = 5.2 ALKALINITY = 8 MG/L  
 SPECIFIC CONDUCTANCE = 195 UMHOS/CM  
 WATER TEMPERATURE = 21.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 88 GAL

## WELL PAC 5

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/04/88 TIME 1610  
 DEPTH TO WATER = 19.84 FT ( 6.05 M) BELOW THE TOC  
 WATER ELEVATION = 269.50 FT ( 82.14 M) MSL  
 PH = 7.5 ALKALINITY = 245 MG/L  
 SPECIFIC CONDUCTANCE = 630 UMHOS/CM  
 WATER TEMPERATURE = 15.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 7 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	589.0 UMHC	ENV. ENG.
1	PH	7.19 PH	ENV. ENG.
0	TURBIDITY	1 NTU	ENV. ENG.
0	SILVER	2 UG/L	ENV. ENG.
0	ARSENIC	2 UG/L	ENV. ENG.
0	BARIUM	45 UG/L	ENV. ENG.
1	CALCIUM	42000 UG/L	ENV. ENG.
0	CADMIUM	2 UG/L	ENV. ENG.
1	CHLORIDE	10100 UG/L	ENV. ENG.
1	CHLORIDE	10200 UG/L	ENV. ENG.
0	CHROMIUM	4 UG/L	ENV. ENG.
0	ENDRIN	0.10 UG/L	ENV. ENG.
0	FLUORIDE	100 UG/L	ENV. ENG.
0	IRON	33 UG/L	ENV. ENG.
1	MERCURY	0.90 UG/L	ENV. ENG.
1	MERCURY	0.83 UG/L	ENV. ENG.
0	POTASSIUM	2670 UG/L	ENV. ENG.
0	LINDANE	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	0.50 UG/L	ENV. ENG.
1	MAGNESIUM	19500 UG/L	ENV. ENG.
2	MANGANESE	57 UG/L	ENV. ENG.
1	SODIUM	82100 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	280 UG/L	ENV. ENG.
0	LEAD	6 UG/L	ENV. ENG.
0	PHENOL	5 UG/L	ENV. ENG.
0	SELENIUM	2 UG/L	ENV. ENG.
1	SILICA	14100 UG/L	ENV. ENG.
0	SILVEX	0.09 UG/L	ENV. ENG.
1	SULFATE	68200 UG/L	ENV. ENG.
1	SULFATE	64100 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	392000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	2900 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	9 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	8 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	30 UG/L	ENV. ENG.
0	TOXAPHENE	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXACETIC ACID	0.30 UG/L	ENV. ENG.
0	GROSS ALPHA	1.28+-2.28 PCI/L	HP, 735A
0	GROSS ALPHA	3 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	3.16+-3.75 PCI/L	HP, 735A
0	NONVOLATILE BETA	8.02+-5.63 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	1 PCI/L	RAD. MEAS.
1	TRITIUM	11.20+-0.60 PCI/ML	HP, 735A
1	TRITIUM	10.90+-0.38 PCI/ML	RAD. MEAS.

## WELL PAC 6

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/04/88 TIME 1630  
 DEPTH TO WATER = 18.60 FT ( 5.67 M) BELOW THE TOC  
 WATER ELEVATION = 270.81 FT ( 82.54 M) MSL  
 PH = 7.3 ALKALINITY = 149 MG/L  
 SPECIFIC CONDUCTANCE = 390 UMHOS/CM  
 WATER TEMPERATURE = 14.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 8 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	356.0 UMHC	ENV. ENG.
1	PH	6.97 PH	ENV. ENG.
0	TURBIDITY	21 NTU	ENV. ENG.
0	SILVER	2 UG/L	ENV. ENG.
0	ARSENIC	2 UG/L	ENV. ENG.
0	BARIUM	27 UG/L	ENV. ENG.
1	CALCIUM	27300 UG/L	ENV. ENG.
0	CADMIUM	2 UG/L	ENV. ENG.
0	CHLORIDE	8000 UG/L	ENV. ENG.
0	CHROMIUM	4 UG/L	ENV. ENG.
0	ENDRIN	0.10 UG/L	ENV. ENG.
0	FLUORIDE	100 UG/L	ENV. ENG.
0	IRON	97 UG/L	ENV. ENG.
1	MERCURY	0.71 UG/L	ENV. ENG.
0	POTASSIUM	1430 UG/L	ENV. ENG.
0	LINDANE	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	0.50 UG/L	ENV. ENG.
1	MAGNESIUM	7600 UG/L	ENV. ENG.
2	MANGANESE	198 UG/L	ENV. ENG.
1	SODIUM	53400 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	50 UG/L	ENV. ENG.
0	LEAD	6 UG/L	ENV. ENG.
0	PHENOL	5 UG/L	ENV. ENG.
0	SELENIUM	2 UG/L	ENV. ENG.
1	SILICA	19700 UG/L	ENV. ENG.
0	SILVEX	0.09 UG/L	ENV. ENG.
1	SULFATE	44400 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	266000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1600 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	8 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	60 UG/L	ENV. ENG.
0	TOXAPHENE	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXACETIC ACID	0.30 UG/L	ENV. ENG.
0	GROSS ALPHA	9.24+-2.10 PCI/L	HP, 735A

CONTINUED

WELL PAC 6 COLLECTED ON 12/04/88 LABORATORY ANALYSES CONTINUED

0 GROSS ALPHA	LT	3	PCI/L	RAD. MEAS.
0 GROSS ALPHA		2.69+-2.40	PCI/L	RAD. MEAS.
0 NONVOLATILE BETA		6.43+-1.56	PCI/L	HP, 735A
0 NONVOLATILE BETA		5.81+-2.00	PCI/L	RAD. MEAS.
0 NONVOLATILE BETA		7.37+-2.24	PCI/L	RAD. MEAS.
0 TOTAL RADIUM	LT	1	PCI/L	RAD. MEAS.
0 TOTAL RADIUM		0.56+-0.49	PCI/L	RAD. MEAS.
0 TRITIUM		6.40+-0.50	PCI/ML	HP, 735A
0 TRITIUM		6.60+-0.33	PCI/ML	RAD. MEAS.
0 TRITIUM		6.50+-0.33	PCI/ML	RAD. MEAS.

WELL PCB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/04/88 TIME 1245  
 DEPTH TO WATER = 26.23 FT ( 8.00 M) BELOW THE TOC  
 WATER ELEVATION = 279.27 FT ( 85.12 M) MSL  
 PH = 4.8 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 96 UMHOS/CM  
 WATER TEMPERATURE = 20.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 42 GAL

WELL PCB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/03/88 TIME 1440  
 DEPTH TO WATER = 26.74 FT ( 8.15 M) BELOW THE TOC  
 WATER ELEVATION = 278.16 FT ( 84.78 M) MSL  
 PH = 4.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 63 UMHOS/CM  
 WATER TEMPERATURE = 19.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 54 GAL

WELL PCB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/04/88 TIME 1355  
 DEPTH TO WATER = 26.68 FT ( 8.13 M) BELOW THE TOC  
 WATER ELEVATION = 277.92 FT ( 84.71 M) MSL  
 PH = 3.3 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 1435 UMHOS/CM  
 WATER TEMPERATURE = 22.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 40 GAL

WELL PCB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/04/88 TIME 1355  
 DEPTH TO WATER = 31.03 FT ( 9.46 M) BELOW THE TOC  
 WATER ELEVATION = 278.57 FT ( 84.91 M) MSL  
 PH = 3.9 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 170 UMHOS/CM  
 WATER TEMPERATURE = 19.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 41 GAL

LABORATORY ANALYSES

0 BROMODICHLOROMETHANE	LT	5	UG/L	ENV. ENG.
0 TRICHLOROFLUOROMETHANE	LT	5	UG/L	ENV. ENG.
0 CARBON TETRACHLORIDE	LT	5.00	UG/L	ENV. ENG.
0 BROMOFORM	LT	10	UG/L	ENV. ENG.
0 CHLOROFORM	LT	5	UG/L	ENV. ENG.
0 METHYLENE CHLORIDE	LT	5	UG/L	ENV. ENG.
0 BROMOMETHANE	LT	10	UG/L	ENV. ENG.
0 CHLOROMETHANE	LT	10	UG/L	ENV. ENG.
0 CHLOROBENZENE	LT	5	UG/L	ENV. ENG.
0 CHLOROETHENE	LT	10	UG/L	ENV. ENG.
0 CHLOROETHANE	LT	10	UG/L	ENV. ENG.
0 BENZENE	LT	5	UG/L	ENV. ENG.
0 DIBROMOCHLOROMETHANE	LT	5	UG/L	ENV. ENG.
0 ETHYLBENZENE	LT	5	UG/L	ENV. ENG.
0 TOLUENE	LT	5	UG/L	ENV. ENG.
0 1,1,2,2-TETRACHLOROETHANE	LT	10	UG/L	ENV. ENG.
0 TETRACHLOROETHYLENE	LT	5.00	UG/L	ENV. ENG.
0 TRICHLOROETHYLENE	LT	5.00	UG/L	ENV. ENG.
0 TRANS-1,2-DICHLOROETHENE	LT	5	UG/L	ENV. ENG.
0 1,1-DICHLOROETHYLENE	LT	5	UG/L	ENV. ENG.
0 1,1-DICHLOROETHANE	LT	5	UG/L	ENV. ENG.
0 1,1,1-TRICHLOROETHANE	LT	5	UG/L	ENV. ENG.
0 1,1,2-TRICHLOROETHANE	LT	5	UG/L	ENV. ENG.
0 1,2-DICHLOROETHANE	LT	1	UG/L	ENV. ENG.
0 1,2-DICHLOROPROPANE	LT	10	UG/L	ENV. ENG.
0 CIS-1,3-DICHLOROPROPENE	LT	5	UG/L	ENV. ENG.
0 TRANS-1,3-DICHLOROPROPENE	LT	5	UG/L	ENV. ENG.
0 2-CHLOROETHYL VINYL ETHER	LT	10	UG/L	ENV. ENG.

WELL PDB 2

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/27/88 TIME 1525  
 DEPTH TO WATER = 43.05 FT ( 13.12 M) BELOW THE TOC  
 WATER ELEVATION = 276.45 FT ( 84.26 M) MSL  
 PH = 4.9 ALKALINITY = 4 MG/L  
 SPECIFIC CONDUCTANCE = 72 UMHOS/CM  
 WATER TEMPERATURE = 23.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 75 GAL

WELL PDB 3

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/27/88 TIME 1450  
 DEPTH TO WATER = 42.92 FT ( 13.08 M) BELOW THE TOC  
 WATER ELEVATION = 276.58 FT ( 84.30 M) MSL  
 PH = 4.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 56 UMHOS/CM  
 WATER TEMPERATURE = 23.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 74 GAL

WELL PRP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/22/88 TIME 1600  
 DEPTH TO WATER = 38.32 FT ( 11.68 M) BELOW THE TOC  
 WATER ELEVATION = 246.28 FT ( 75.07 M) MSL  
 PH = 4.9 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 42 UMHOS/CM  
 WATER TEMPERATURE = 22.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 35 GAL

LABORATORY ANALYSES

1 BARIUM 59 UG/L ENV. ENG.

WELL PRP 2

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/22/88 TIME 1655  
 DEPTH TO WATER = 38.91 FT ( 10.95 M) BELOW THE TOC  
 WATER ELEVATION = 250.49 FT ( 76.35 M) MSL  
 PH = 5.0 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 29 UMHOS/CM  
 WATER TEMPERATURE = 19.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 43 GAL

LABORATORY ANALYSES

0 BARIUM 20 UG/L ENV. ENG.

WELL PRP 3

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/23/88 TIME 1010  
 DEPTH TO WATER = 30.24 FT ( 9.22 M) BELOW THE TOC  
 WATER ELEVATION = 250.46 FT ( 76.34 M) MSL  
 PH = 4.9 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 93 UMHOS/CM  
 WATER TEMPERATURE = 20.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 57 GAL

LABORATORY ANALYSES

1 BARIUM 102 UG/L ENV. ENG.

WELL PRP 4

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/23/88 TIME 1035  
 DEPTH TO WATER = 30.25 FT ( 9.22 M) BELOW THE TOC  
 WATER ELEVATION = 254.45 FT ( 77.56 M) MSL  
 PH = 4.9 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 34 UMHOS/CM  
 WATER TEMPERATURE = 19.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 56 GAL

LABORATORY ANALYSES

0 BARIUM 22 UG/L ENV. ENG.

## WELL PSB 1A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/17/88 TIME 1310  
 DEPTH TO WATER = 54.51 FT ( 16.61 M) BELOW THE TOC  
 WATER ELEVATION = 274.59 FT ( 83.70 M) MSL  
 PH = 6.8 ALKALINITY = 9 MG/L  
 SPECIFIC CONDUCTANCE = 52 UMHOS/CM  
 WATER TEMPERATURE = 21.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 45 GAL

## LABORATORY ANALYSES

0 GROSS ALPHA 0.11+-0.29 PCI/L HP, 735A  
 0 NONVOLATILE BETA 4.23+-1.19 PCI/L HP, 735A  
 2 TRITIUM 223761+-1508 PCI/ML HP, 735A

## WELL PSB 2A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/17/88 TIME 1245  
 DEPTH TO WATER = 49.82 FT ( 15.19 M) BELOW THE TOC  
 WATER ELEVATION = 275.88 FT ( 83.48 M) MSL  
 PH = 4.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 235 UMHOS/CM  
 WATER TEMPERATURE = 19.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 43 GAL

## LABORATORY ANALYSES

0 GROSS ALPHA 1.86+-0.93 PCI/L HP, 735A  
 0 NONVOLATILE BETA 6.37+-1.45 PCI/L HP, 735A  
 2 TRITIUM 144693+-769 PCI/ML HP, 735A

## WELL PSB 3A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/17/88 TIME 1225  
 DEPTH TO WATER = 46.10 FT ( 14.05 M) BELOW THE TOC  
 WATER ELEVATION = 272.50 FT ( 83.06 M) MSL  
 PH = 5.2 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 34 UMHOS/CM  
 WATER TEMPERATURE = 19.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 42 GAL

## LABORATORY ANALYSES

2 TRITIUM 73287+-384 PCI/ML HP, 735A

## WELL PSB 4A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/17/88 TIME 1205  
 DEPTH TO WATER = 41.20 FT ( 12.56 M) BELOW THE TOC  
 WATER ELEVATION = 271.30 FT ( 82.69 M) MSL  
 PH = 5.1 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 40 UMHOS/CM  
 WATER TEMPERATURE = 19.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 41 GAL

## LABORATORY ANALYSES

0 GROSS ALPHA 1.50+-0.75 PCI/L HP, 735A  
 0 NONVOLATILE BETA 2.64+-1.01 PCI/L HP, 735A  
 2 TRITIUM 10999+-47 PCI/ML HP, 735A

## WELL PSB 5A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/17/88 TIME 1140  
 DEPTH TO WATER = 46.08 FT ( 14.05 M) BELOW THE TOC  
 WATER ELEVATION = 273.22 FT ( 83.28 M) MSL  
 PH = 5.1 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 27 UMHOS/CM  
 WATER TEMPERATURE = 21.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 24 GAL

## LABORATORY ANALYSES

0 GROSS ALPHA 0.84+-0.67 PCI/L HP, 735A  
 0 NONVOLATILE BETA 0.12+-0.69 PCI/L HP, 735A  
 2 TRITIUM 35.17+-0.95 PCI/ML HP, 735A

## WELL PSB 6A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/17/88 TIME 1100  
 DEPTH TO WATER = 49.19 FT ( 14.99 M) BELOW THE TOC  
 WATER ELEVATION = 275.01 FT ( 83.82 M) MSL  
 PH = 5.2 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 60 UMHOS/CM  
 WATER TEMPERATURE = 19.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 34 GAL

## LABORATORY ANALYSES

0 GROSS ALPHA 0.60+-0.51 PCI/L HP, 735A  
 0 NONVOLATILE BETA 1.92+-0.92 PCI/L HP, 735A  
 2 TRITIUM 75137+-892 PCI/ML HP, 735A

## WELL PSB 7A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/17/88 TIME 1335  
 DEPTH TO WATER = 55.54 FT ( 16.93 M) BELOW THE TOC  
 WATER ELEVATION = 275.16 FT ( 83.87 M) MSL  
 PH = 6.2 ALKALINITY = 13 MG/L  
 SPECIFIC CONDUCTANCE = 68 UMHOS/CM  
 WATER TEMPERATURE = 20.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 43 GAL

## LABORATORY ANALYSES

0 GROSS ALPHA 0.71+-0.54 PCI/L HP, 735A  
 0 NONVOLATILE BETA 1.34+-0.84 PCI/L HP, 735A  
 2 TRITIUM 14914+-178 PCI/ML HP, 735A

## WELL PSS 10

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/07/88 TIME 1515  
 THE WELL WAS DRY.

## WELL PSS 10

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/11/88 TIME 1030  
 DEPTH TO WATER = 22.16 FT ( 6.75 M) BELOW THE TOC  
 WATER ELEVATION = 197.48 FT ( 60.19 M) MSL  
 PHYSICAL OR MECHANICAL FAILURE PREVENTED SAMPLE COLLECTION.

## WELL PSS 10

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/18/88 TIME 1120  
 DEPTH TO WATER = 22.14 FT ( 6.75 M) BELOW THE TOC  
 WATER ELEVATION = 197.50 FT ( 60.20 M) MSL  
 PH = 6.3 ALKALINITY = 12 MG/L  
 SPECIFIC CONDUCTANCE = 51 UMHOS/CM  
 WATER TEMPERATURE = 18.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 14 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

0 SPECIFIC CONDUCTANCE 72.10 UMHOS ENV. ENG.  
 0 PH 6.13 PH ENV. ENG.  
 0 SILVER LT 2 UG/L ENV. ENG.  
 0 ARSENIC LT 2 UG/L ENV. ENG.  
 0 BARIUM 6 UG/L ENV. ENG.  
 0 CALCIUM 2680 UG/L ENV. ENG.  
 0 CADMIUM LT 2 UG/L ENV. ENG.  
 0 CHLORIDE 2800 UG/L ENV. ENG.  
 0 CHROMIUM LT 4 UG/L ENV. ENG.  
 0 COPPER LT 4 UG/L ENV. ENG.  
 0 ENDORIN LT 0.10 UG/L ENV. ENG.  
 0 FLUORIDE LT 100 UG/L ENV. ENG.  
 2 IRON 560 UG/L ENV. ENG.  
 0 MERCURY LT 0.20 UG/L ENV. ENG.  
 0 POTASSIUM 544 UG/L ENV. ENG.  
 0 LINDANE LT 0.05 UG/L ENV. ENG.  
 0 METHOXYCHLOR LT 0.50 UG/L ENV. ENG.  
 0 MAGNESIUM 331 UG/L ENV. ENG.  
 1 MANGANESE 34 UG/L ENV. ENG.  
 0 SODIUM 4460 UG/L ENV. ENG.  
 0 NICKEL 5 UG/L ENV. ENG.  
 0 NITRITE AS NITROGEN LT 50 UG/L ENV. ENG.  
 0 NITRATE AS NITROGEN LT 270 UG/L ENV. ENG.  
 0 LEAD LT 6 UG/L ENV. ENG.  
 1 PHENOL 9 UG/L ENV. ENG.  
 0 SELENIUM LT 2 UG/L ENV. ENG.  
 1 SILICA 8020 UG/L ENV. ENG.  
 0 SILVEX LT 0.09 UG/L ENV. ENG.  
 0 SULFATE LT 5000 UG/L ENV. ENG.  
 0 TOTAL DISSOLVED SOLIDS 14000 UG/L ENV. ENG.

CONTINUED



WELL PSS 10 COLLECTED ON 12/18/88 LABORATORY ANALYSES CONTINUED

0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
1	TOTAL ORGANIC HALOGENS		10 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		30 UG/L	ENV. ENG.
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXACETIC ACID	LT	0.30 UG/L	ENV. ENG.
0	GROSS ALPHA		0.44+-0.32 PCI/L	HP, 735A
0	GROSS ALPHA		0.58+-0.45 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		0.53+-0.63 PCI/L	HP, 735A
0	NONVOLATILE BETA		1.43+-0.81 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT	1 PCI/L	RAD. MEAS.
0	TRITIUM		1.04+-0.46 PCI/ML	HP, 735A
0	TRITIUM	LT	0.70 PCI/ML	RAD. MEAS.

WELL PSS 20

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/07/88 TIME 1400  
 DEPTH TO WATER = 35.97 FT ( 10.94 M) BELOW THE TOC  
 WATER ELEVATION = 192.76 FT ( 58.75 M) MSL  
 PH = 5.7 ALKALINITY = 2 MG/L  
 SPECIFIC CONDUCTANCE = 20 UMHOS/CM  
 WATER TEMPERATURE = 18.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 73 GAL

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		23.20 UMHOS	ENV. ENG.
0	PH		5.45 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		5 UG/L	ENV. ENG.
0	CALCIUM		1040 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		1800 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER	LT	4 UG/L	ENV. ENG.
0	ENDRIN	LT	0.10 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	IRON	LT	20 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	POTASSIUM		511 UG/L	ENV. ENG.
0	LINDANE	LT	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0	MAGNESIUM		272 UG/L	ENV. ENG.
0	MANGANESE		19 UG/L	ENV. ENG.
0	SODIUM		1670 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
0	NITRITE AS NITROGEN	LT	50 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		620 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		5670 UG/L	ENV. ENG.
0	SILVEX	LT	0.09 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		42000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXACETIC ACID	LT	0.30 UG/L	ENV. ENG.
0	GROSS ALPHA		2.09+-0.78 PCI/L	HP, 735A
0	GROSS ALPHA		1.65+-0.73 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		1.74+-0.86 PCI/L	HP, 735A
0	NONVOLATILE BETA	LT	2 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT	1 PCI/L	RAD. MEAS.
0	TRITIUM		1.96+-0.40 PCI/ML	HP, 735A
0	TRITIUM		0.86+-0.25 PCI/ML	RAD. MEAS.

WELL PSS 30

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/08/88 TIME 1355  
 PH = 7.1 ALKALINITY = 10 MG/L  
 SPECIFIC CONDUCTANCE = 87 UMHOS/CM  
 WATER TEMPERATURE = 17.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 4 GAL  
 THE WELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		93.90 UMHOS	ENV. ENG.
0	SPECIFIC CONDUCTANCE		93.20 UMHOS	ENV. ENG.
1	PH		6.70 PH	ENV. ENG.
1	PH		6.86 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		4 UG/L	ENV. ENG.
0	CALCIUM		4640 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		3700 UG/L	ENV. ENG.
0	CHLORIDE		3900 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER	LT	4 UG/L	ENV. ENG.
0	ENDRIN	LT	0.10 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	IRON		37 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	POTASSIUM		661 UG/L	ENV. ENG.
0	LINDANE	LT	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0	MAGNESIUM		257 UG/L	ENV. ENG.

CONTINUED

WELL PSS 30 COLLECTED ON 12/08/88 LABORATORY ANALYSES CONTINUED

2	MANGANESE		74 UG/L	ENV. ENG.
0	SODIUM		2670 UG/L	ENV. ENG.
1	NICKEL		10 UG/L	ENV. ENG.
0	NITRITE AS NITROGEN	LT	50 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		130 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
1	PHENOL		16 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		10800 UG/L	ENV. ENG.
0	SILVEX	LT	0.09 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		86000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON		2200 UG/L	ENV. ENG.
2	TOTAL ORGANIC HALOGENS		53 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXACETIC ACID	LT	0.30 UG/L	ENV. ENG.
0	GROSS ALPHA		0.87+-0.64 PCI/L	HP, 735A
0	GROSS ALPHA		2.57+-0.92 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		2.14+-1.05 PCI/L	HP, 735A
0	NONVOLATILE BETA	LT	2 PCI/L	RAD. MEAS.
0	TOTAL RADIUM		2.29+-0.76 PCI/L	RAD. MEAS.
0	TRITIUM		0.58+-0.42 PCI/ML	HP, 735A
0	TRITIUM	LT	0.70 PCI/ML	RAD. MEAS.

WELL RAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/04/88 TIME 1040  
 DEPTH TO WATER = 11.52 FT ( 3.51 M) BELOW THE TOC  
 WATER ELEVATION = 272.08 FT ( 82.93 M) MSL  
 PH = 4.6 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 103 UMHOS/CM  
 WATER TEMPERATURE = 20.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 65 GAL

WELL RAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/04/88 TIME 1005  
 DEPTH TO WATER = 8.45 FT ( 2.64 M) BELOW THE TOC  
 WATER ELEVATION = 271.75 FT ( 82.83 M) MSL  
 PH = 6.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 44 UMHOS/CM  
 WATER TEMPERATURE = 18.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 75 GAL

WELL RAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/04/88 TIME 1100  
 DEPTH TO WATER = 7.93 FT ( 2.42 M) BELOW THE TOC  
 WATER ELEVATION = 271.37 FT ( 82.71 M) MSL  
 PH = 4.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 47 UMHOS/CM  
 WATER TEMPERATURE = 18.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 77 GAL

WELL RAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/04/88 TIME 940  
 DEPTH TO WATER = 8.98 FT ( 2.74 M) BELOW THE TOC  
 WATER ELEVATION = 270.02 FT ( 82.30 M) MSL  
 PH = 4.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 67 UMHOS/CM  
 WATER TEMPERATURE = 18.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 83 GAL

## WELL RRP 1

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/23/88 TIME 1100  
 DEPTH TO WATER = 23.07 FT ( 7.03 M) BELOW THE TOC  
 WATER ELEVATION = 261.33 FT ( 79.65 M) MSL  
 PH = 4.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 27 UMHOS/CM  
 WATER TEMPERATURE = 19.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 49 GAL

## LABORATORY ANALYSES

0 COPPER 6 UG/L ENV. ENG.

## WELL RRP 2

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/23/88 TIME 1205  
 DEPTH TO WATER = 24.29 FT ( 7.40 M) BELOW THE TOC  
 WATER ELEVATION = 260.21 FT ( 79.31 M) MSL  
 PH = 4.4 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 53 UMHOS/CM  
 WATER TEMPERATURE = 20.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 52 GAL

## LABORATORY ANALYSES

0 COPPER 8 UG/L ENV. ENG.

## WELL RRP 3

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/23/88 TIME 1125  
 DEPTH TO WATER = 20.92 FT ( 6.38 M) BELOW THE TOC  
 WATER ELEVATION = 259.18 FT ( 79.00 M) MSL  
 PH = 5.1 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 12 UMHOS/CM  
 WATER TEMPERATURE = 18.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 55 GAL

## LABORATORY ANALYSES

1 COPPER 43 UG/L ENV. ENG.

## WELL RRP 4

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/23/88 TIME 1145  
 DEPTH TO WATER = 20.89 FT ( 6.37 M) BELOW THE TOC  
 WATER ELEVATION = 259.31 FT ( 79.04 M) MSL  
 PH = 4.9 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 19 UMHOS/CM  
 WATER TEMPERATURE = 18.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 55 GAL

## LABORATORY ANALYSES

1 COPPER 33 UG/L ENV. ENG.

## WELL RSA 7

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 1205  
 DEPTH TO WATER = 35.00 FT ( 10.67 M) BELOW THE TOC  
 WATER ELEVATION = 277.40 FT ( 84.55 M) MSL  
 PH = 4.9  
 SPECIFIC CONDUCTANCE = 33 UMHOS/CM  
 WATER TEMPERATURE = 18.1 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA 0.00+-0.18 PCI/L HP, 735A  
 0 NONVOLATILE BETA 1.76+-0.73 PCI/L HP, 735A

## WELL RSA 8

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 1200  
 DEPTH TO WATER = 34.20 FT ( 10.42 M) BELOW THE TOC  
 WATER ELEVATION = 278.10 FT ( 84.77 M) MSL  
 PH = 5.3  
 SPECIFIC CONDUCTANCE = 37 UMHOS/CM  
 WATER TEMPERATURE = 18.0 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA 0.67+-0.62 PCI/L HP, 735A  
 0 NONVOLATILE BETA 0.60+-0.84 PCI/L HP, 735A

## WELL RSA 9

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 1215  
 DEPTH TO WATER = 36.00 FT ( 10.97 M) BELOW THE TOC  
 WATER ELEVATION = 275.70 FT ( 84.03 M) MSL  
 PH = 5.0  
 SPECIFIC CONDUCTANCE = 26 UMHOS/CM  
 WATER TEMPERATURE = 18.0 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA 0.61+-0.55 PCI/L HP, 735A  
 0 NONVOLATILE BETA 0.81+-0.85 PCI/L HP, 735A

## WELL RSA 10

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 1210  
 DEPTH TO WATER = 36.00 FT ( 10.97 M) BELOW THE TOC  
 WATER ELEVATION = 275.30 FT ( 83.91 M) MSL  
 PH = 4.8  
 SPECIFIC CONDUCTANCE = 32 UMHOS/CM  
 WATER TEMPERATURE = 18.8 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA 0.63+-0.92 PCI/L HP, 735A  
 0 NONVOLATILE BETA 1.94+-1.78 PCI/L HP, 735A

## WELL RSB 7

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 1000  
 DEPTH TO WATER = 27.00 FT ( 8.23 M) BELOW THE TOC  
 WATER ELEVATION = 282.00 FT ( 86.95 M) MSL  
 PH = 5.1  
 SPECIFIC CONDUCTANCE = 28 UMHOS/CM  
 WATER TEMPERATURE = 18.3 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA -0.04+-0.38 PCI/L HP, 735A  
 1 NONVOLATILE BETA 12.01+-2.64 PCI/L HP, 735A

## WELL RSB 8

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 910  
 DEPTH TO WATER = 22.50 FT ( 6.86 M) BELOW THE TOC  
 WATER ELEVATION = 283.30 FT ( 86.35 M) MSL  
 PH = 4.8  
 SPECIFIC CONDUCTANCE = 47 UMHOS/CM  
 WATER TEMPERATURE = 18.2 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

1 GROSS ALPHA 10.60+-2.00 PCI/L RAD. MEAS.  
 1 NONVOLATILE BETA 13.60+-1.44 PCI/L RAD. MEAS.

## WELL RSB 9

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 900  
 DEPTH TO WATER = 20.70 FT ( 6.31 M) BELOW THE TOC  
 WATER ELEVATION = 284.90 FT ( 86.84 M) MSL  
 PH = 4.7  
 SPECIFIC CONDUCTANCE = 58 UMHOS/CM  
 WATER TEMPERATURE = 16.0 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA 0.16+-0.39 PCI/L HP, 735A  
 0 NONVOLATILE BETA 2.74+-1.11 PCI/L HP, 735A

## WELL RSC 2

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 1235  
 DEPTH TO WATER = 27.00 FT ( 8.23 M) BELOW THE TOC  
 WATER ELEVATION = 275.00 FT ( 83.82 M) MSL  
 PH = 5.5  
 SPECIFIC CONDUCTANCE = 27 UMHOS/CM  
 WATER TEMPERATURE = 16.9 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA 1.63+-0.54 PCI/L HP, 735A  
 1 NONVOLATILE BETA 14.16+-1.57 PCI/L HP, 735A

## WELL RSC 3

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 1135  
 DEPTH TO WATER = 30.20 FT ( 9.21 M) BELOW THE TOC  
 WATER ELEVATION = 271.10 FT ( 82.63 M) MSL  
 PH = 6.8  
 SPECIFIC CONDUCTANCE = 131 UMHOS/CM  
 WATER TEMPERATURE = 17.1 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA 0.82+-0.70 PCI/L HP, 735A  
 0 NONVOLATILE BETA 1.01+-0.93 PCI/L HP, 735A

## WELL RSC 4

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 1255  
 DEPTH TO WATER = 25.40 FT ( 7.74 M) BELOW THE TOC  
 WATER ELEVATION = 274.90 FT ( 83.79 M) MSL  
 PH = 6.2  
 SPECIFIC CONDUCTANCE = 43 UMHOS/CM  
 WATER TEMPERATURE = 16.3 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA 1.59+-0.87 PCI/L HP, 735A  
 0 NONVOLATILE BETA 4.86+-1.42 PCI/L HP, 735A

## WELL RSC 5

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 1250  
 DEPTH TO WATER = 34.80 FT ( 10.61 M) BELOW THE TOC  
 WATER ELEVATION = 270.10 FT ( 82.33 M) MSL  
 PH = 6.7  
 SPECIFIC CONDUCTANCE = 600 UMHOS/CM  
 WATER TEMPERATURE = 16.2 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA 2.53+-2.38 PCI/L HP, 735A  
 0 NONVOLATILE BETA 8.70+-2.11 PCI/L HP, 735A

## WELL RSC 6

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 1140  
 DEPTH TO WATER = 27.50 FT ( 8.38 M) BELOW THE TOC  
 WATER ELEVATION = 276.60 FT ( 84.31 M) MSL  
 PH = 5.9  
 SPECIFIC CONDUCTANCE = 52 UMHOS/CM  
 WATER TEMPERATURE = 16.7 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA 0.90+-0.44 PCI/L HP, 735A  
 0 NONVOLATILE BETA 7.15+-1.14 PCI/L HP, 735A

## WELL RSC 7

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 1145  
 DEPTH TO WATER = 32.60 FT ( 9.94 M) BELOW THE TOC  
 WATER ELEVATION = 275.20 FT ( 83.88 M) MSL  
 PH = 5.0  
 SPECIFIC CONDUCTANCE = 38 UMHOS/CM  
 WATER TEMPERATURE = 16.2 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA 1.51+-0.50 PCI/L HP, 735A  
 1 NONVOLATILE BETA 31.23+-2.56 PCI/L HP, 735A

## WELL RSC 8

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 1150  
 DEPTH TO WATER = 20.40 FT ( 6.22 M) BELOW THE TOC  
 WATER ELEVATION = 288.40 FT ( 87.91 M) MSL  
 PH = 5.4  
 SPECIFIC CONDUCTANCE = 41 UMHOS/CM  
 WATER TEMPERATURE = 16.8 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA 0.07+-0.32 PCI/L HP, 735A  
 0 NONVOLATILE BETA 7.45+-1.71 PCI/L HP, 735A

## WELL RSC 9

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 1240  
 DEPTH TO WATER = 32.50 FT ( 9.91 M) BELOW THE TOC  
 WATER ELEVATION = 269.30 FT ( 82.08 M) MSL  
 PH = 5.8  
 SPECIFIC CONDUCTANCE = 56 UMHOS/CM  
 WATER TEMPERATURE = 16.4 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA 0.41+-0.31 PCI/L HP, 735A  
 0 NONVOLATILE BETA 3.00+-0.83 PCI/L HP, 735A

## WELL RSC 10

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 1310  
 DEPTH TO WATER = 30.00 FT ( 9.14 M) BELOW THE TOC  
 WATER ELEVATION = 267.40 FT ( 81.50 M) MSL  
 PH = 6.4  
 SPECIFIC CONDUCTANCE = 49 UMHOS/CM  
 WATER TEMPERATURE = 16.0 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA 0.99+-0.68 PCI/L HP, 735A  
 0 NONVOLATILE BETA 2.04+-1.03 PCI/L HP, 735A

## WELL RSD 1

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 1225  
 DEPTH TO WATER = 19.50 FT ( 5.94 M) BELOW THE TOC  
 WATER ELEVATION = 281.00 FT ( 86.65 M) MSL  
 PH = 4.8  
 SPECIFIC CONDUCTANCE = 54 UMHOS/CM  
 WATER TEMPERATURE = 18.4 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA 0.59+-0.60 PCI/L HP, 735A  
 1 NONVOLATILE BETA 32.18+-4.34 PCI/L HP, 735A

## WELL RSD 2A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/11/88 TIME 1015  
 DEPTH TO WATER = 18.20 FT ( 5.55 M) BELOW THE TOC  
 WATER ELEVATION = 283.00 FT ( 86.26 M) MSL  
 PH = 6.4  
 SPECIFIC CONDUCTANCE = 30 UMHOS/CM  
 WATER TEMPERATURE = 19.3 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA 0.25+-0.72 PCI/L HP, 735A  
 2 NONVOLATILE BETA 197+-20.9 PCI/L HP, 735A

## WELL RSD 2B

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 1020  
 THE WELL WAS DRY.

## WELL RSD 2C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 1025  
 DEPTH TO WATER = 17.80 FT ( 5.43 M) BELOW THE TOC  
 WATER ELEVATION = 283.90 FT ( 86.53 M) MSL  
 PH = 4.9  
 SPECIFIC CONDUCTANCE = 71 UMHOS/CM  
 WATER TEMPERATURE = 20.5 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA -0.30+-1.48 PCI/L HP, 735A  
 2 NONVOLATILE BETA 3419+- 186 PCI/L HP, 735A

## WELL RSD 3

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 1040  
 DEPTH TO WATER = 24.00 FT ( 7.32 M) BELOW THE TOC  
 WATER ELEVATION = 276.80 FT ( 84.37 M) MSL  
 PH = 5.3  
 SPECIFIC CONDUCTANCE = 35 UMHOS/CM  
 WATER TEMPERATURE = 17.7 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA 0.59+-0.35 PCI/L HP, 735A  
 0 NONVOLATILE BETA 7.27+-1.12 PCI/L HP, 735A

## WELL RSD 4

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 935  
 DEPTH TO WATER = 18.00 FT ( 5.49 M) BELOW THE TOC  
 WATER ELEVATION = 283.60 FT ( 86.44 M) MSL  
 PH = 5.1  
 SPECIFIC CONDUCTANCE = 27 UMHOS/CM  
 WATER TEMPERATURE = 17.1 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA 1.58+-0.96 PCI/L HP, 735A  
 2 NONVOLATILE BETA 128+- 14 PCI/L HP, 735A

## WELL RSD 5

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 940  
 DEPTH TO WATER = 19.00 FT ( 5.79 M) BELOW THE TOC  
 WATER ELEVATION = 282.70 FT ( 86.17 M) MSL  
 PH = 5.2  
 SPECIFIC CONDUCTANCE = 36 UMHOS/CM  
 WATER TEMPERATURE = 16.4 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA 3.48+-1.46 PCI/L HP, 735A  
 2 NONVOLATILE BETA 260+-27.5 PCI/L HP, 735A

## WELL RSD 6

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 945  
 DEPTH TO WATER = 14.50 FT ( 4.42 M) BELOW THE TOC  
 WATER ELEVATION = 287.60 FT ( 87.66 M) MSL  
 PH = 5.4  
 SPECIFIC CONDUCTANCE = 38 UMHOS/CM  
 WATER TEMPERATURE = 17.4 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA 0.46+-0.63 PCI/L HP, 735A  
 2 NONVOLATILE BETA 81.35+-9.30 PCI/L HP, 735A  
 2 NONVOLATILE BETA 57.56+-5.95 PCI/L HP, 735A

## WELL RSD 7

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 950  
 DEPTH TO WATER = 11.40 FT ( 3.47 M) BELOW THE TOC  
 WATER ELEVATION = 282.00 FT ( 85.95 M) MSL  
 PH = 5.3  
 WATER TEMPERATURE = 17.7 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA 0.14+-0.53 PCI/L HP, 735A  
 2 NONVOLATILE BETA 92.70+-10.4 PCI/L HP, 735A

## WELL RSD 8

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 955  
 DEPTH TO WATER = 10.20 FT ( 3.11 M) BELOW THE TOC  
 WATER ELEVATION = 282.80 FT ( 86.20 M) MSL  
 PH = 5.6  
 SPECIFIC CONDUCTANCE = 36 UMHOS/CM  
 WATER TEMPERATURE = 17.8 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA 2.30+-1.08 PCI/L HP, 735A  
 1 GROSS ALPHA 7.69+-1.79 PCI/L RAD. MEAS.  
 2 NONVOLATILE BETA 1342+-73.8 PCI/L HP, 735A  
 2 NONVOLATILE BETA 1056+-10.8 PCI/L RAD. MEAS.

## WELL RSD 9

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/13/88 TIME 1055  
 DEPTH TO WATER = 11.00 FT ( 3.35 M) BELOW THE TOC  
 WATER ELEVATION = 281.60 FT ( 85.83 M) MSL  
 PH = 5.3  
 SPECIFIC CONDUCTANCE = 41 UMHOS/CM  
 WATER TEMPERATURE = 16.6 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA 0.47+-0.50 PCI/L HP, 735A  
 0 NONVOLATILE BETA 3.13+-1.18 PCI/L HP, 735A

## WELL RSD 10

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/13/88 TIME 1050  
 DEPTH TO WATER = 11.20 FT ( 3.41 M) BELOW THE TOC  
 WATER ELEVATION = 281.30 FT ( 85.74 M) MSL  
 PH = 4.8  
 SPECIFIC CONDUCTANCE = 31 UMHOS/CM  
 WATER TEMPERATURE = 16.7 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA 0.80+-0.69 PCI/L HP, 735A  
 2 NONVOLATILE BETA 56.79+-7.02 PCI/L HP, 735A

## WELL RSD 11

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/13/88 TIME 1045  
 DEPTH TO WATER = 10.80 FT ( 3.29 M) BELOW THE TOC  
 WATER ELEVATION = 281.50 FT ( 85.80 M) MSL  
 PH = 5.0  
 SPECIFIC CONDUCTANCE = 35 UMHOS/CM  
 WATER TEMPERATURE = 15.4 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA 1.04+-0.72 PCI/L HP, 735A  
 1 NONVOLATILE BETA 18.86+-2.96 PCI/L HP, 735A

## WELL RSE 1A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 1045  
 DEPTH TO WATER = 21.00 FT ( 6.40 M) BELOW THE TOC  
 WATER ELEVATION = 283.20 FT ( 86.32 M) MSL  
 PH = 5.1  
 SPECIFIC CONDUCTANCE = 26 UMHOS/CM  
 WATER TEMPERATURE = 19.3 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA 0.70+-0.63 PCI/L HP, 735A  
 1 NONVOLATILE BETA 24.93+-3.65 PCI/L HP, 735A

## WELL RSE 1B

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 1045  
 DEPTH TO WATER = 20.50 FT ( 6.25 M) BELOW THE TOC  
 WATER ELEVATION = 282.80 FT ( 86.20 M) MSL  
 PH = 5.0  
 SPECIFIC CONDUCTANCE = 43 UMHOS/CM  
 WATER TEMPERATURE = 20.4 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

2 GROSS ALPHA 20.47+-5.02 PCI/L HP, 735A  
 2 GROSS ALPHA 31.89+-6.61 PCI/L HP, 735A  
 2 NONVOLATILE BETA 5587+- 558 PCI/L HP, 735A  
 2 NONVOLATILE BETA 5413+- 330 PCI/L HP, 735A

## WELL RSE 1C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 1050  
 DEPTH TO WATER = 24.00 FT ( 7.32 M) BELOW THE TOC  
 WATER ELEVATION = 279.30 FT ( 85.13 M) MSL  
 PH = 5.1  
 SPECIFIC CONDUCTANCE = 25 UMHOS/CM  
 WATER TEMPERATURE = 20.5 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA 0.94+-0.42 PCI/L HP, 735A  
 1 NONVOLATILE BETA 20.24+-1.92 PCI/L HP, 735A  
 0 NONVOLATILE BETA 2.42+-1.02 PCI/L HP, 735A

## WELL RSE 2

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 1035  
 DEPTH TO WATER = 23.50 FT ( 7.16 M) BELOW THE TOC  
 WATER ELEVATION = 279.00 FT ( 85.04 M) MSL  
 PH = 4.8  
 SPECIFIC CONDUCTANCE = 34 UMHOS/CM  
 WATER TEMPERATURE = 19.5 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA 0.99+-0.44 PCI/L HP, 735A  
 1 NONVOLATILE BETA 14.10+-1.56 PCI/L HP, 735A

## WELL RSE 3A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 1010  
 DEPTH TO WATER = 20.40 FT ( 6.22 M) BELOW THE TOC  
 WATER ELEVATION = 280.60 FT ( 85.53 M) MSL  
 PH = 5.0  
 SPECIFIC CONDUCTANCE = 52 UMHOS/CM  
 WATER TEMPERATURE = 18.5 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA 0.43+-0.52 PCI/L HP, 735A  
 0 GROSS ALPHA 3.24+-0.75 PCI/L HP, 735A  
 1 NONVOLATILE BETA 22.02+-2.42 PCI/L HP, 735A  
 1 NONVOLATILE BETA 29.71+-2.48 PCI/L HP, 735A

## WELL RSE 4A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 915  
 DEPTH TO WATER = 22.00 FT ( 6.71 M) BELOW THE TOC  
 WATER ELEVATION = 282.60 FT ( 86.14 M) MSL  
 PH = 4.7  
 SPECIFIC CONDUCTANCE = 39 UMHOS/CM  
 WATER TEMPERATURE = 18.8 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA 1.45+-0.52 PCI/L HP, 735A  
 1 NONVOLATILE BETA 44.85+-3.32 PCI/L HP, 735A

## WELL RSE 4B

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 920  
 THE WELL WAS DRY.

## WELL RSE 4C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 925  
 DEPTH TO WATER = 21.50 FT ( 6.55 M) BELOW THE TOC  
 WATER ELEVATION = 283.20 FT ( 86.32 M) MSL  
 PH = 4.8  
 SPECIFIC CONDUCTANCE = 38 UMHOS/CM  
 WATER TEMPERATURE = 19.8 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA 0.59+-0.70 PCI/L HP, 735A  
 2 NONVOLATILE BETA 106+-11.7 PCI/L HP, 735A

## WELL RSE 5

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 1005  
 DEPTH TO WATER = 24.60 FT ( 7.50 M) BELOW THE TOC  
 WATER ELEVATION = 281.40 FT ( 85.77 M) MSL  
 PH = 5.3  
 SPECIFIC CONDUCTANCE = 42 UMHOS/CM  
 WATER TEMPERATURE = 17.2 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA 0.27+-0.45 PCI/L HP, 735A  
 1 NONVOLATILE BETA 18.81+-2.95 PCI/L HP, 735A

## WELL RSE 6

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 1030  
 THE WELL WAS DRY.

## WELL RSE 7

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 1120  
 DEPTH TO WATER = 27.00 FT ( 8.23 M) BELOW THE TOC  
 WATER ELEVATION = 275.40 FT ( 83.94 M) MSL  
 PH = 5.2  
 SPECIFIC CONDUCTANCE = 41 UMHOS/CM  
 WATER TEMPERATURE = 18.8 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA 0.59+-0.55 PCI/L HP, 735A  
 0 NONVOLATILE BETA 4.37+-1.34 PCI/L HP, 735A

## WELL RSE 8

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 1125  
 DEPTH TO WATER = 26.50 FT ( 8.08 M) BELOW THE TOC  
 WATER ELEVATION = 275.70 FT ( 84.03 M) MSL  
 PH = 4.9  
 SPECIFIC CONDUCTANCE = 61 UMHOS/CM  
 WATER TEMPERATURE = 19.3 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA 0.50+-0.52 PCI/L HP, 735A  
 1 GROSS ALPHA 5.49+-1.55 PCI/L RAD. MEAS.  
 0 NONVOLATILE BETA 2.49+-1.10 PCI/L HP, 735A  
 0 NONVOLATILE BETA 6.71+-1.15 PCI/L RAD. MEAS.

## WELL RSE 9

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 1130  
 DEPTH TO WATER = 30.80 FT ( 9.39 M) BELOW THE TOC  
 WATER ELEVATION = 275.20 FT ( 83.88 M) MSL  
 PH = 4.6  
 SPECIFIC CONDUCTANCE = 43 UMHOS/CM  
 WATER TEMPERATURE = 20.2 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA 0.10+-0.51 PCI/L HP, 735A  
 0 NONVOLATILE BETA 1.36+-0.93 PCI/L HP, 735A

## WELL RSE 10

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 1115  
 DEPTH TO WATER = 29.20 FT ( 8.90 M) BELOW THE TOC  
 WATER ELEVATION = 275.50 FT ( 83.97 M) MSL  
 PH = 4.9  
 SPECIFIC CONDUCTANCE = 38 UMHOS/CM  
 WATER TEMPERATURE = 20.2 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA 1.39+-0.49 PCI/L HP, 735A  
 0 NONVOLATILE BETA 9.95+-1.30 PCI/L HP, 735A

## WELL RSE 11

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 1110  
 DEPTH TO WATER = 27.50 FT ( 8.38 M) BELOW THE TOC  
 WATER ELEVATION = 276.50 FT ( 84.22 M) MSL  
 PH = 5.0  
 SPECIFIC CONDUCTANCE = 63 UMHOS/CM  
 WATER TEMPERATURE = 18.0 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA 1.35+-0.97 PCI/L HP, 735A  
 2 NONVOLATILE BETA 1170+-64.4 PCI/L HP, 735A

## WELL RSE 12

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 1100  
 DEPTH TO WATER = 30.00 FT ( 9.14 M) BELOW THE TOC  
 WATER ELEVATION = 275.80 FT ( 84.06 M) MSL  
 PH = 5.3  
 SPECIFIC CONDUCTANCE = 44 UMHOS/CM  
 WATER TEMPERATURE = 18.1 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA 1.67+-1.03 PCI/L HP, 735A  
 2 NONVOLATILE BETA 168+- 18 PCI/L HP, 735A

## WELL RSE 13

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 930  
 DEPTH TO WATER = 17.00 FT ( 5.18 M) BELOW THE TOC  
 WATER ELEVATION = 284.20 FT ( 86.63 M) MSL  
 PH = 5.0  
 SPECIFIC CONDUCTANCE = 49 UMHOS/CM  
 WATER TEMPERATURE = 18.0 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA 0.32+-0.69 PCI/L HP, 735A  
 2 NONVOLATILE BETA 137+-14.9 PCI/L HP, 735A

## WELL RSE 18

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 1055  
 DEPTH TO WATER = 31.00 FT ( 9.45 M) BELOW THE TOC  
 WATER ELEVATION = 276.10 FT ( 84.16 M) MSL  
 PH = 5.9  
 SPECIFIC CONDUCTANCE = 72 UMHOS/CM  
 WATER TEMPERATURE = 18.8 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA 0.37+-0.49 PCI/L HP, 735A  
 0 NONVOLATILE BETA 1.74+-1.03 PCI/L HP, 735A

## WELL RSE 19

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 1105  
 DEPTH TO WATER = 29.00 FT ( 8.84 M) BELOW THE TOC  
 WATER ELEVATION = 275.80 FT ( 84.06 M) MSL  
 PH = 5.3  
 SPECIFIC CONDUCTANCE = 74 UMHOS/CM  
 WATER TEMPERATURE = 18.0 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 GROSS ALPHA 1.91+-1.03 PCI/L HP, 735A  
 2 NONVOLATILE BETA 74.17+-8.60 PCI/L HP, 735A

## WELL RSE 24

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/14/88 TIME 955  
 DEPTH TO WATER = 16.72 FT ( 5.10 M) BELOW THE TOC  
 WATER ELEVATION = 277.38 FT ( 84.55 M) MSL  
 PH = 5.5 ALKALINITY = 2 MG/L  
 SPECIFIC CONDUCTANCE = 31 UMHOS/CM  
 WATER TEMPERATURE = 19.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 104 GAL

## WELL RSE 25

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/14/88 TIME 1135  
 DEPTH TO WATER = 20.86 FT ( 6.36 M) BELOW THE TOC  
 WATER ELEVATION = 273.04 FT ( 83.22 M) MSL  
 PH = 5.5 ALKALINITY = 7 MG/L  
 SPECIFIC CONDUCTANCE = 70 UMHOS/CM  
 WATER TEMPERATURE = 20.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 94 GAL

## WELL RSF 1

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/14/88 TIME 1435  
 DEPTH TO WATER = 28.61 FT ( 8.72 M) BELOW THE TOC  
 WATER ELEVATION = 274.49 FT ( 83.67 M) MSL  
 PH = 10.4 ALKALINITY = 59 MG/L  
 SPECIFIC CONDUCTANCE = 144 UMHOS/CM  
 WATER TEMPERATURE = 20.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 120 GAL

## WELL RSF 2

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/14/88 TIME 1355  
 DEPTH TO WATER = 27.40 FT ( 8.35 M) BELOW THE TOC  
 WATER ELEVATION = 275.40 FT ( 83.94 M) MSL  
 PH = 5.7 ALKALINITY = 8 MG/L  
 SPECIFIC CONDUCTANCE = 58 UMHOS/CM  
 WATER TEMPERATURE = 19.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 134 GAL

## WELL RSF 3

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/14/88 TIME 1325  
 DEPTH TO WATER = 29.75 FT ( 9.07 M) BELOW THE TOC  
 WATER ELEVATION = 277.35 FT ( 84.54 M) MSL  
 PH = 6.1 ALKALINITY = 11 MG/L  
 SPECIFIC CONDUCTANCE = 48 UMHOS/CM  
 WATER TEMPERATURE = 21.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 126 GAL

## WELL RHM 1

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/11/88 TIME 1545  
 DEPTH TO WATER = 179.48 FT ( 54.71 M) BELOW THE TOC  
 WATER ELEVATION = 186.02 FT ( 56.70 M) MSL  
 PH = 4.2 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 168 UMHOS/CM  
 WATER TEMPERATURE = 18.8 DEGREES CELSIUS  
 THE WELL IS CONTINUOUSLY PUMPING.

## LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE	114.0 UMHC	ENV. ENG.
0 PH	4.59 PH	ENV. ENG.
0 SILVER	2 UG/L	ENV. ENG.
2 ALUMINUM	413 UG/L	ENV. ENG.
0 ARSENIC	2 UG/L	ENV. ENG.
1 BARIUM	81 UG/L	ENV. ENG.
0 CADMIUM	2 UG/L	ENV. ENG.
0 CHLORIDE	4500 UG/L	ENV. ENG.
0 CHROMIUM	4 UG/L	ENV. ENG.
0 COPPER	11 UG/L	ENV. ENG.
0 CYANIDE	5 UG/L	ENV. ENG.
0 CYANIDE	5 UG/L	ENV. ENG.
0 MERCURY	0.20 UG/L	ENV. ENG.
1 SODIUM	6450 UG/L	ENV. ENG.
0 NICKEL	5 UG/L	ENV. ENG.
2 NITRATE AS NITROGEN	15200 UG/L	ENV. ENG.
0 LEAD	8 UG/L	ENV. ENG.
0 PHENOL	5 UG/L	ENV. ENG.
0 SELENIUM	2 UG/L	ENV. ENG.
0 SULFATE	5000 UG/L	ENV. ENG.
0 TOTAL PHOSPHATES	20 UG/L	ENV. ENG.
0 URANIUM	1000 UG/L	ENV. ENG.
0 ZINC	22 UG/L	ENV. ENG.

## WELL RHM 1

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/12/88 TIME 1200  
 DEPTH TO WATER = 179.77 FT ( 54.79 M) BELOW THE TOC  
 WATER ELEVATION = 185.73 FT ( 56.61 M) MSL  
 PH = 4.3 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 173 UMHOS/CM  
 WATER TEMPERATURE = 18.7 DEGREES CELSIUS  
 THE WELL IS CONTINUOUSLY PUMPING.

## LABORATORY ANALYSES

0 CHLOROFORM	LT	10000 UG/L	M-AREA,SRS
2 TETRACHLOROETHYLENE		21500 UG/L	M-AREA,SRS
2 TRICHLOROETHYLENE		56600 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	10000 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	10000 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	10000 UG/L	M-AREA,SRS

## WELL RHM 1

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/12/88 TIME 1630  
 DEPTH TO WATER = 181.19 FT ( 55.23 M) BELOW THE TOC  
 WATER ELEVATION = 184.31 FT ( 56.18 M) MSL  
 PH = 4.2 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 156 UMHOS/CM  
 WATER TEMPERATURE = 18.0 DEGREES CELSIUS  
 THE WELL IS CONTINUOUSLY PUMPING.

## LABORATORY ANALYSES

0 CHLOROFORM	LT	10000 UG/L	M-AREA,SRS
2 TETRACHLOROETHYLENE		22600 UG/L	M-AREA,SRS
2 TRICHLOROETHYLENE		53000 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	10000 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	10000 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	10000 UG/L	M-AREA,SRS

## WELL RHM 1

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/16/88 TIME 1115  
 DEPTH TO WATER = 145.75 FT ( 44.43 M) BELOW THE TOC  
 WATER ELEVATION = 219.75 FT ( 66.98 M) MSL  
 PH = 4.1 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 110 UMHOS/CM  
 WATER TEMPERATURE = 17.4 DEGREES CELSIUS  
 THE WELL IS CONTINUOUSLY PUMPING.

## LABORATORY ANALYSES

0 CHLOROFORM	LT	10000 UG/L	M-AREA,SRS
2 TETRACHLOROETHYLENE		13900 UG/L	M-AREA,SRS
2 TRICHLOROETHYLENE		36900 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	10000 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	10000 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	10000 UG/L	M-AREA,SRS

## WELL RHM 2

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/12/88 TIME 1335  
 PH = 4.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 44 UMHOS/CM  
 WATER TEMPERATURE = 19.7 DEGREES CELSIUS  
 THE WELL IS CONTINUOUSLY PUMPING.

## LABORATORY ANALYSES

0	CHLOROFORM	LT	5000 UG/L	M-AREA,SRS
2	TETRACHLOROETHYLENE		8160 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		27400 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5000 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	5000 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	5000 UG/L	M-AREA,SRS

## WELL RHM 2

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/12/88 TIME 1450  
 PH = 4.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 42 UMHOS/CM  
 WATER TEMPERATURE = 19.3 DEGREES CELSIUS  
 THE WELL IS CONTINUOUSLY PUMPING.

## LABORATORY ANALYSES

0	CHLOROFORM	LT	5000 UG/L	M-AREA,SRS
2	TETRACHLOROETHYLENE		9600 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		29200 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5000 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	5000 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	5000 UG/L	M-AREA,SRS

## WELL RHM 2

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/16/88 TIME 1220  
 PH = 4.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 40 UMHOS/CM  
 WATER TEMPERATURE = 18.0 DEGREES CELSIUS  
 THE WELL IS CONTINUOUSLY PUMPING.

## LABORATORY ANALYSES

0	CHLOROFORM	LT	5000 UG/L	M-AREA,SRS
2	TETRACHLOROETHYLENE		8460 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		27000 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5000 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	5000 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	5000 UG/L	M-AREA,SRS

## WELL RHM 3

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/12/88 TIME 1320  
 DEPTH TO WATER = 161.56 FT ( 49.24 M) BELOW THE TOC  
 WATER ELEVATION = 215.44 FT ( 65.67 M) MSL  
 PH = 4.4 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 110 UMHOS/CM  
 WATER TEMPERATURE = 20.2 DEGREES CELSIUS  
 THE WELL IS CONTINUOUSLY PUMPING.

## LABORATORY ANALYSES

0	CHLOROFORM	LT	5000 UG/L	M-AREA,SRS
2	TETRACHLOROETHYLENE		8430 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		34000 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5000 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	5000 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	5000 UG/L	M-AREA,SRS

## WELL RHM 3

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/12/88 TIME 1435  
 DEPTH TO WATER = 163.27 FT ( 49.77 M) BELOW THE TOC  
 WATER ELEVATION = 213.73 FT ( 65.15 M) MSL  
 PH = 4.4 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 99 UMHOS/CM  
 WATER TEMPERATURE = 19.3 DEGREES CELSIUS  
 THE WELL IS CONTINUOUSLY PUMPING.

## LABORATORY ANALYSES

0	CHLOROFORM	LT	5000 UG/L	M-AREA,SRS
2	TETRACHLOROETHYLENE		7690 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		33600 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5000 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	5000 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	5000 UG/L	M-AREA,SRS

## WELL RHM 3

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/16/88 TIME 1205  
 DEPTH TO WATER = 165.75 FT ( 50.52 M) BELOW THE TOC  
 WATER ELEVATION = 211.25 FT ( 64.39 M) MSL  
 PH = 4.2 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 86 UMHOS/CM  
 WATER TEMPERATURE = 18.2 DEGREES CELSIUS  
 THE WELL IS CONTINUOUSLY PUMPING.

## LABORATORY ANALYSES

0	CHLOROFORM	LT	5000 UG/L	M-AREA,SRS
2	TETRACHLOROETHYLENE		7420 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		30300 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5000 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	5000 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	5000 UG/L	M-AREA,SRS

## WELL RHM 4

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/12/88 TIME 1215  
 DEPTH TO WATER = 155.74 FT ( 47.48 M) BELOW THE TOC  
 WATER ELEVATION = 210.74 FT ( 64.23 M) MSL  
 PH = 4.9 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 22 UMHOS/CM  
 WATER TEMPERATURE = 18.8 DEGREES CELSIUS  
 THE WELL IS CONTINUOUSLY PUMPING.

## LABORATORY ANALYSES

0	CHLOROFORM	LT	500 UG/L	M-AREA,SRS
2	TETRACHLOROETHYLENE		161 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		7200 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	500 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	500 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	500 UG/L	M-AREA,SRS

## WELL RHM 4

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/12/88 TIME 1710  
 DEPTH TO WATER = 157.03 FT ( 47.86 M) BELOW THE TOC  
 WATER ELEVATION = 209.47 FT ( 63.85 M) MSL  
 PH = 4.8 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 42 UMHOS/CM  
 WATER TEMPERATURE = 18.4 DEGREES CELSIUS  
 THE WELL IS CONTINUOUSLY PUMPING.

## LABORATORY ANALYSES

0	CHLOROFORM	LT	500 UG/L	M-AREA,SRS
2	TETRACHLOROETHYLENE		187 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		7220 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	500 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	500 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	500 UG/L	M-AREA,SRS

## WELL RHM 4

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/16/88 TIME 1130  
 DEPTH TO WATER = 158.17 FT ( 48.21 M) BELOW THE TOC  
 WATER ELEVATION = 208.33 FT ( 63.50 M) MSL  
 PH = 4.6 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 21 UMHOS/CM  
 WATER TEMPERATURE = 17.3 DEGREES CELSIUS  
 THE WELL IS CONTINUOUSLY PUMPING.

## LABORATORY ANALYSES

0	CHLOROFORM	LT	500 UG/L	M-AREA,SRS
2	TETRACHLOROETHYLENE		363 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		7090 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	500 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	500 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	500 UG/L	M-AREA,SRS



## WELL RM 5

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/12/88 TIME 1405  
 DEPTH TO WATER = 145.39 FT ( 44.32 M) BELOW THE TOC  
 WATER ELEVATION = 221.51 FT ( 67.52 M) MSL  
 PH = 4.9 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 33 UMHOS/CM  
 WATER TEMPERATURE = 20.0 DEGREES CELSIUS  
 THE WELL IS CONTINUOUSLY PUMPING.

## LABORATORY ANALYSES

0	CHLOROFORM	LT	200 UG/L	M-AREA,SRS
2	TETRACHLOROETHYLENE		533 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		1240 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	200 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	200 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	200 UG/L	M-AREA,SRS

## WELL RM 5

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/12/88 TIME 1505  
 DEPTH TO WATER = 147.30 FT ( 44.90 M) BELOW THE TOC  
 WATER ELEVATION = 219.60 FT ( 66.93 M) MSL  
 PH = 4.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 30 UMHOS/CM  
 WATER TEMPERATURE = 19.6 DEGREES CELSIUS  
 THE WELL IS CONTINUOUSLY PUMPING.

## LABORATORY ANALYSES

0	CHLOROFORM	LT	200 UG/L	M-AREA,SRS
2	TETRACHLOROETHYLENE		665 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		1380 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	200 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	200 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	200 UG/L	M-AREA,SRS

## WELL RM 5

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/12/88 TIME 1505  
 DEPTH TO WATER = 147.30 FT ( 44.90 M) BELOW THE TOC  
 WATER ELEVATION = 219.60 FT ( 66.93 M) MSL  
 PH = 4.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 30 UMHOS/CM  
 WATER TEMPERATURE = 19.6 DEGREES CELSIUS  
 THE WELL IS CONTINUOUSLY PUMPING.

## LABORATORY ANALYSES

0	CHLOROFORM	LT	2000 UG/L	M-AREA,SRS
2	TETRACHLOROETHYLENE		675 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		1260 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	2000 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	2000 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	2000 UG/L	M-AREA,SRS

## WELL RM 5

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/16/88 TIME 1240  
 DEPTH TO WATER = 148.27 FT ( 45.19 M) BELOW THE TOC  
 WATER ELEVATION = 218.63 FT ( 66.64 M) MSL  
 PH = 4.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 29 UMHOS/CM  
 WATER TEMPERATURE = 18.2 DEGREES CELSIUS  
 THE WELL IS CONTINUOUSLY PUMPING.

## LABORATORY ANALYSES

0	CHLOROFORM	LT	200 UG/L	M-AREA,SRS
2	TETRACHLOROETHYLENE		691 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		1330 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	200 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	200 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	200 UG/L	M-AREA,SRS

## WELL RM 6

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/12/88 TIME 955  
 DEPTH TO WATER = 162.89 FT ( 49.65 M) BELOW THE TOC  
 WATER ELEVATION = 186.21 FT ( 56.76 M) MSL  
 PH = 4.9 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 37 UMHOS/CM  
 WATER TEMPERATURE = 19.1 DEGREES CELSIUS  
 THE WELL IS CONTINUOUSLY PUMPING.

## WELL RM 6

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/12/88 TIME 1725  
 DEPTH TO WATER = 165.21 FT ( 50.36 M) BELOW THE TOC  
 WATER ELEVATION = 185.89 FT ( 56.05 M) MSL  
 PH = 4.6 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 44 UMHOS/CM  
 WATER TEMPERATURE = 19.0 DEGREES CELSIUS  
 THE WELL IS CONTINUOUSLY PUMPING.

## LABORATORY ANALYSES

0	CHLOROFORM	LT	10000 UG/L	M-AREA,SRS
2	TETRACHLOROETHYLENE		10600 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		12300 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	10000 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	10000 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	10000 UG/L	M-AREA,SRS

## WELL RM 6

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/16/88 TIME 1040  
 DEPTH TO WATER = 184.58 FT ( 56.26 M) BELOW THE TOC  
 WATER ELEVATION = 164.52 FT ( 50.15 M) MSL  
 PH = 4.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 34 UMHOS/CM  
 WATER TEMPERATURE = 17.9 DEGREES CELSIUS  
 THE WELL IS CONTINUOUSLY PUMPING.

## LABORATORY ANALYSES

0	CHLOROFORM	LT	10000 UG/L	M-AREA,SRS
2	TETRACHLOROETHYLENE		11700 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		13400 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	10000 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	10000 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	10000 UG/L	M-AREA,SRS

## WELL RM 7

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/12/88 TIME 945  
 DEPTH TO WATER = 126.30 FT ( 38.50 M) BELOW THE TOC  
 WATER ELEVATION = 222.70 FT ( 67.86 M) MSL  
 PH = 4.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 66 UMHOS/CM  
 WATER TEMPERATURE = 19.9 DEGREES CELSIUS  
 THE WELL IS CONTINUOUSLY PUMPING.

## LABORATORY ANALYSES

0	CHLOROFORM	LT	500 UG/L	M-AREA,SRS
2	TETRACHLOROETHYLENE		5340 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		3670 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	500 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	500 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	500 UG/L	M-AREA,SRS

## WELL RM 7

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/12/88 TIME 1740  
 DEPTH TO WATER = 127.72 FT ( 38.93 M) BELOW THE TOC  
 WATER ELEVATION = 221.28 FT ( 67.45 M) MSL  
 PH = 4.6 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 66 UMHOS/CM  
 WATER TEMPERATURE = 19.6 DEGREES CELSIUS  
 THE WELL IS CONTINUOUSLY PUMPING.

## LABORATORY ANALYSES

0	CHLOROFORM	LT	500 UG/L	M-AREA,SRS
2	TETRACHLOROETHYLENE		4930 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		2940 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	500 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	500 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	500 UG/L	M-AREA,SRS

## WELL RHM 7

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/16/88 TIME 1025  
 DEPTH TO WATER = 129.69 FT ( 39.53 M) BELOW THE TOC  
 WATER ELEVATION = 219.31 FT ( 66.85 M) MSL  
 PH = 4.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 60 UMHOS/CM  
 WATER TEMPERATURE = 18.3 DEGREES CELSIUS  
 THE WELL IS CONTINUOUSLY PUMPING.

## LABORATORY ANALYSES

0	CHLOROFORM	LT	500 UG/L	M-AREA,SRS
2	TETRACHLOROETHYLENE		5910 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		3320 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	500 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	500 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	500 UG/L	M-AREA,SRS

## WELL RHM 8

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/12/88 TIME 1045  
 DEPTH TO WATER = 142.61 FT ( 43.47 M) BELOW THE TOC  
 WATER ELEVATION = 205.69 FT ( 62.70 M) MSL  
 PH = 4.9 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 186 UMHOS/CM  
 WATER TEMPERATURE = 19.2 DEGREES CELSIUS  
 THE WELL IS CONTINUOUSLY PUMPING.

## LABORATORY ANALYSES

0	CHLOROFORM	LT	25 UG/L	M-AREA,SRS
2	TETRACHLOROETHYLENE		102 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		64.7 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	25 UG/L	M-AREA,SRS
1	1,1-DICHLOROETHYLENE		27 UG/L	M-AREA,SRS
1	1,1,1-TRICHLOROETHANE		27 UG/L	M-AREA,SRS

## WELL RHM 8

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/12/88 TIME 1600  
 DEPTH TO WATER = 144.19 FT ( 43.95 M) BELOW THE TOC  
 WATER ELEVATION = 204.11 FT ( 62.21 M) MSL  
 PH = 4.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 170 UMHOS/CM  
 WATER TEMPERATURE = 18.8 DEGREES CELSIUS  
 THE WELL IS CONTINUOUSLY PUMPING.

## LABORATORY ANALYSES

0	CHLOROFORM	LT	25 UG/L	M-AREA,SRS
0	CHLOROFORM	LT	25 UG/L	M-AREA,SRS
2	TETRACHLOROETHYLENE		65.4 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		67.3 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		60.0 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		61.3 UG/L	M-AREA,SRS
1	TRANS-1,2-DICHLOROETHENE		22 UG/L	M-AREA,SRS
1	TRANS-1,2-DICHLOROETHENE		22 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	25 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	25 UG/L	M-AREA,SRS
1	1,1,1-TRICHLOROETHANE		22 UG/L	M-AREA,SRS
1	1,1,1-TRICHLOROETHANE		21 UG/L	M-AREA,SRS

## WELL RHM 8

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/22/88 TIME 1215  
 DEPTH TO WATER = 143.26 FT ( 43.67 M) BELOW THE TOC  
 WATER ELEVATION = 205.04 FT ( 62.50 M) MSL  
 PH = 4.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 345 UMHOS/CM  
 WATER TEMPERATURE = 18.8 DEGREES CELSIUS  
 THE WELL IS CONTINUOUSLY PUMPING.

## LABORATORY ANALYSES

0	CHLOROFORM	LT	25 UG/L	M-AREA,SRS
2	TETRACHLOROETHYLENE		152 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		101 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	25 UG/L	M-AREA,SRS
1	1,1-DICHLOROETHYLENE		48 UG/L	M-AREA,SRS
1	1,1,1-TRICHLOROETHANE		42 UG/L	M-AREA,SRS

## WELL RHM 9

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/12/88 TIME 930  
 DEPTH TO WATER = 154.82 FT ( 47.19 M) BELOW THE TOC  
 WATER ELEVATION = 225.78 FT ( 68.82 M) MSL  
 PH = 4.9 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 37 UMHOS/CM  
 WATER TEMPERATURE = 19.2 DEGREES CELSIUS  
 THE WELL IS CONTINUOUSLY PUMPING.

## LABORATORY ANALYSES

0	CHLOROFORM	LT	100 UG/L	M-AREA,SRS
2	TETRACHLOROETHYLENE		19.2 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		419 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	100 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	100 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	100 UG/L	M-AREA,SRS

## WELL RHM 9

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/12/88 TIME 1525  
 DEPTH TO WATER = 156.25 FT ( 47.63 M) BELOW THE TOC  
 WATER ELEVATION = 224.35 FT ( 68.38 M) MSL  
 PH = 4.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 35 UMHOS/CM  
 WATER TEMPERATURE = 19.1 DEGREES CELSIUS  
 THE WELL IS CONTINUOUSLY PUMPING.

## LABORATORY ANALYSES

0	CHLOROFORM	LT	100 UG/L	M-AREA,SRS
2	TETRACHLOROETHYLENE		35.9 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		419 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	100 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	100 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	100 UG/L	M-AREA,SRS

## WELL RHM 9

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/16/88 TIME 1010  
 DEPTH TO WATER = 156.17 FT ( 47.60 M) BELOW THE TOC  
 WATER ELEVATION = 224.43 FT ( 68.41 M) MSL  
 PH = 4.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 34 UMHOS/CM  
 WATER TEMPERATURE = 17.8 DEGREES CELSIUS  
 THE WELL IS CONTINUOUSLY PUMPING.

## LABORATORY ANALYSES

0	CHLOROFORM	LT	100 UG/L	M-AREA,SRS
2	TETRACHLOROETHYLENE		63.1 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		425 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	100 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	100 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	100 UG/L	M-AREA,SRS

## WELL RHM 10

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/12/88 TIME 1125  
 DEPTH TO WATER = 157.36 FT ( 47.96 M) BELOW THE TOC  
 WATER ELEVATION = 198.14 FT ( 60.39 M) MSL  
 PH = 4.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 207 UMHOS/CM  
 WATER TEMPERATURE = 19.6 DEGREES CELSIUS  
 THE WELL IS CONTINUOUSLY PUMPING.

## LABORATORY ANALYSES

0	CHLOROFORM	LT	5000 UG/L	M-AREA,SRS
2	TETRACHLOROETHYLENE		11000 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		7200 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5000 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	5000 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	5000 UG/L	M-AREA,SRS

## WELL RNM 10

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/12/88 TIME 1615  
 DEPTH TO WATER = 159.53 FT ( 48.63 M) BELOW THE TOC  
 WATER ELEVATION = 195.97 FT ( 59.73 M) MSL  
 PH = 4.6 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 170 UMHOS/CM  
 WATER TEMPERATURE = 19.0 DEGREES CELSIUS  
 THE WELL IS CONTINUOUSLY PUMPING.

## LABORATORY ANALYSES

0	CHLOROFORM	LT	5000 UG/L	M-AREA,SRS
2	TETRACHLOROETHYLENE		11100 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		6070 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5000 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	5000 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	5000 UG/L	M-AREA,SRS

## WELL RNM 10

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/16/88 TIME 1145  
 DEPTH TO WATER = 173.84 FT ( 52.99 M) BELOW THE TOC  
 WATER ELEVATION = 181.66 FT ( 55.37 M) MSL  
 PH = 4.6 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 146 UMHOS/CM  
 WATER TEMPERATURE = 17.4 DEGREES CELSIUS  
 THE WELL IS CONTINUOUSLY PUMPING.

## LABORATORY ANALYSES

0	CHLOROFORM	LT	5000 UG/L	M-AREA,SRS
2	TETRACHLOROETHYLENE		11900 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		7410 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	5000 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	5000 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	5000 UG/L	M-AREA,SRS

## WELL RNM 11

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/12/88 TIME 915  
 DEPTH TO WATER = 168.17 FT ( 51.26 M) BELOW THE TOC  
 WATER ELEVATION = 215.13 FT ( 65.57 M) MSL  
 PH = 4.3 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 81 UMHOS/CM  
 WATER TEMPERATURE = 19.5 DEGREES CELSIUS  
 THE WELL IS CONTINUOUSLY PUMPING.

## LABORATORY ANALYSES

0	CHLOROFORM	LT	2000 UG/L	M-AREA,SRS
2	TETRACHLOROETHYLENE		1190 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		10300 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	2000 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	2000 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	2000 UG/L	M-AREA,SRS

## WELL RNM 11

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/12/88 TIME 1540  
 DEPTH TO WATER = 170.07 FT ( 51.84 M) BELOW THE TOC  
 WATER ELEVATION = 213.25 FT ( 64.99 M) MSL  
 PH = 4.0 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 68 UMHOS/CM  
 WATER TEMPERATURE = 19.6 DEGREES CELSIUS  
 THE WELL IS CONTINUOUSLY PUMPING.

## LABORATORY ANALYSES

0	CHLOROFORM	LT	2000 UG/L	M-AREA,SRS
2	TETRACHLOROETHYLENE		1280 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		8350 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	2000 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	2000 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	2000 UG/L	M-AREA,SRS

## WELL RNM 11

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/19/88 TIME 1605  
 DEPTH TO WATER = 171.11 FT ( 52.15 M) BELOW THE TOC  
 WATER ELEVATION = 212.19 FT ( 64.68 M) MSL  
 PH = 4.2 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 61 UMHOS/CM  
 WATER TEMPERATURE = 19.2 DEGREES CELSIUS  
 THE WELL IS CONTINUOUSLY PUMPING.

## LABORATORY ANALYSES

0	CHLOROFORM	LT	2000 UG/L	M-AREA,SRS
0	TETRACHLOROETHYLENE	LT	1590 UG/L	M-AREA,SRS
2	TRICHLOROETHYLENE		6950 UG/L	M-AREA,SRS
0	TRANS-1,2-DICHLOROETHENE	LT	2000 UG/L	M-AREA,SRS
0	1,1-DICHLOROETHYLENE	LT	2000 UG/L	M-AREA,SRS
0	1,1,1-TRICHLOROETHANE	LT	2000 UG/L	M-AREA,SRS

## WELL SBG 1

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/27/88 TIME 1615  
 DEPTH TO WATER = 26.40 FT ( 8.05 M) BELOW THE TOC  
 WATER ELEVATION = 236.00 FT ( 71.93 M) MSL  
 PH = 4.5 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 39 UMHOS/CM  
 WATER TEMPERATURE = 18.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 118 GAL

## LABORATORY ANALYSES

2	TRITIUM	22.70+-0.81 PCI/ML HP, 735A
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## WELL SBG 2

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/27/88 TIME 1355  
 DEPTH TO WATER = 53.94 FT ( 16.44 M) BELOW THE TOC  
 WATER ELEVATION = 236.06 FT ( 71.95 M) MSL  
 PH = 4.7 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 18 UMHOS/CM  
 WATER TEMPERATURE = 19.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 78 GAL

## LABORATORY ANALYSES

1	TRITIUM	15.40+-0.71 PCI/ML HP, 735A
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## WELL SBG 3

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/27/88 TIME 1330  
 DEPTH TO WATER = 50.49 FT ( 15.39 M) BELOW THE TOC  
 WATER ELEVATION = 236.11 FT ( 71.97 M) MSL  
 PH = 5.1 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 17 UMHOS/CM  
 WATER TEMPERATURE = 19.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 77 GAL

## LABORATORY ANALYSES

1	TRITIUM	14.90+-0.71 PCI/ML HP, 735A
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## WELL SBG 4

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/27/88 TIME 1430  
 DEPTH TO WATER = 34.16 FT ( 10.41 M) BELOW THE TOC  
 WATER ELEVATION = 238.94 FT ( 72.83 M) MSL  
 PH = 4.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 28 UMHOS/CM  
 WATER TEMPERATURE = 19.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 145 GAL

## LABORATORY ANALYSES

1	TRITIUM	15.50+-0.72 PCI/ML HP, 735A
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## WELL S8G 5

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/27/88 TIME 1525  
 DEPTH TO WATER = 37.34 FT ( 11.38 M) BELOW THE TOC  
 WATER ELEVATION = 247.16 FT ( 75.34 M) MSL  
 PH = 6.0 ALKALINITY = 18 MG/L  
 SPECIFIC CONDUCTANCE = 56 UMHOS/CM  
 WATER TEMPERATURE = 20.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 126 GAL

## LABORATORY ANALYSES

0 TRITIUM 4.43+-0.54 PCI/ML HP, 735A

## WELL S8G 6

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/27/88 TIME 1550  
 DEPTH TO WATER = 39.30 FT ( 11.98 M) BELOW THE TOC  
 WATER ELEVATION = 242.40 FT ( 73.88 M) MSL  
 PH = 4.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 29 UMHOS/CM  
 WATER TEMPERATURE = 19.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 89 GAL

## LABORATORY ANALYSES

1 TRITIUM 10.90+-0.65 PCI/ML HP, 735A

## WELL SCA 1

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/28/88 TIME 1030  
 PHYSICAL OR MECHANICAL FAILURE PREVENTED SAMPLE COLLECTION.

## WELL SCA 2

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/28/88 TIME 1055  
 PHYSICAL OR MECHANICAL FAILURE PREVENTED SAMPLE COLLECTION.

## WELL SLP 1

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/28/88 TIME 1250  
 DEPTH TO WATER = 42.27 FT ( 12.88 M) BELOW THE TOC  
 PH = 5.5 ALKALINITY = 6 MG/L  
 SPECIFIC CONDUCTANCE = 26 UMHOS/CM  
 WATER TEMPERATURE = 17.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 4 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	31.00 UMHC	ENV. ENG.
0	PH	5.47 PH	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
0	BARIIUM	20 UG/L	ENV. ENG.
0	CALCIUM	3230 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHLORIDE	4100 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	FLUORIDE	LT 100 UG/L	ENV. ENG.
0	IRON	LT 44 UG/L	ENV. ENG.
0	MERCURY	LT 0.20 UG/L	ENV. ENG.
0	POTASSIUM	LT 500 UG/L	ENV. ENG.
0	MAGNESIUM	338 UG/L	ENV. ENG.
2	MANGANESE	87 UG/L	ENV. ENG.
0	SODIUM	1910 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	70 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
1	SILICA	6200 UG/L	ENV. ENG.
0	SULFATE	LT 5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	20000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT 5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT 20 UG/L	ENV. ENG.
0	GROSS ALPHA	0.70+-0.46 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	LT 2 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT 1 PCI/L	RAD. MEAS.
1	TRITIUM	11.40+-0.39 PCI/ML	RAD. MEAS.

## WELL SLP 2

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/28/88 TIME 1230  
 DEPTH TO WATER = 41.59 FT ( 12.62 M) BELOW THE TOC  
 PH = 7.5 ALKALINITY = 21 MG/L  
 SPECIFIC CONDUCTANCE = 59 UMHOS/CM  
 WATER TEMPERATURE = 19.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 79 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	65.70 UMHC	ENV. ENG.
1	PH	6.88 PH	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
0	BARIIUM	11 UG/L	ENV. ENG.
1	CALCIUM	10200 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHLORIDE	1900 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	FLUORIDE	LT 100 UG/L	ENV. ENG.
0	IRON	LT 20 UG/L	ENV. ENG.
0	MERCURY	LT 0.20 UG/L	ENV. ENG.
0	MERCURY	LT 0.20 UG/L	ENV. ENG.
0	POTASSIUM	LT 500 UG/L	ENV. ENG.
0	MAGNESIUM	197 UG/L	ENV. ENG.
0	MANGANESE	12 UG/L	ENV. ENG.
0	SODIUM	1680 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	810 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
1	SILICA	6410 UG/L	ENV. ENG.
0	SULFATE	LT 5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	48000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT 5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT 20 UG/L	ENV. ENG.
0	GROSS ALPHA	LT 3 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	LT 2 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT 1 PCI/L	RAD. MEAS.
0	TRITIUM	9.78+-0.37 PCI/ML	RAD. MEAS.

## WELL SRM 1

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/21/88 TIME 1620  
 PH = 5.0 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 16 UMHOS/CM  
 WATER TEMPERATURE = 18.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 26 GAL

## WELL SRM 2

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/23/88 TIME 1535  
 DEPTH TO WATER = 105.55 FT ( 32.17 M) BELOW THE TOC  
 WATER ELEVATION = 215.05 FT ( 65.55 M) MSL  
 PH = 4.5 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 58 UMHOS/CM  
 WATER TEMPERATURE = 18.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 43 GAL

## WELL SRM 2A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/23/88 TIME 1620  
 DEPTH TO WATER = 113.61 FT ( 34.63 M) BELOW THE TOC  
 WATER ELEVATION = 206.99 FT ( 63.09 M) MSL  
 PH = 4.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 21 UMHOS/CM  
 WATER TEMPERATURE = 19.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 310 GAL

## WELL SRM 2B

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/23/88 TIME 1600  
 DEPTH TO WATER = 112.62 FT ( 34.33 M) BELOW THE TOC  
 WATER ELEVATION = 207.98 FT ( 63.39 M) MSL  
 PH = 5.0 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 20 UMHOS/CM  
 WATER TEMPERATURE = 19.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 146 GAL

## WELL SRM 3A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/21/88 TIME 1350  
 DEPTH TO WATER = 117.70 FT ( 35.88 M) BELOW THE TOC  
 WATER ELEVATION = 214.40 FT ( 65.35 M) MSL  
 PH = 4.9 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 17 UMHOS/CM  
 WATER TEMPERATURE = 18.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 136 GAL

## WELL SRM 4

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/21/88 TIME 1420  
 DEPTH TO WATER = 106.16 FT ( 32.36 M) BELOW THE TOC  
 WATER ELEVATION = 213.94 FT ( 65.21 M) MSL  
 PH = 4.9 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 61 UMHOS/CM  
 WATER TEMPERATURE = 19.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 36 GAL

## WELL SRM 5

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/21/88 TIME 1435  
 DEPTH TO WATER = 97.09 FT ( 29.59 M) BELOW THE TOC  
 WATER ELEVATION = 212.31 FT ( 64.71 M) MSL  
 PH = 5.1 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 41 UMHOS/CM  
 WATER TEMPERATURE = 19.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 47 GAL

## WELL SRM 6

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/21/88 TIME 1555  
 DEPTH TO WATER = 94.99 FT ( 28.95 M) BELOW THE TOC  
 WATER ELEVATION = 212.71 FT ( 64.83 M) MSL  
 PH = 5.3 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 32 UMHOS/CM  
 WATER TEMPERATURE = 18.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 53 GAL

## WELL SRM 7

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/21/88 TIME 1555  
 DEPTH TO WATER = 87.79 FT ( 26.76 M) BELOW THE TOC  
 WATER ELEVATION = 211.31 FT ( 64.41 M) MSL  
 PH = 5.2 ALKALINITY = 2 MG/L  
 SPECIFIC CONDUCTANCE = 26 UMHOS/CM  
 WATER TEMPERATURE = 19.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 36 GAL

## WELL SRM 8

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/21/88 TIME 1245  
 DEPTH TO WATER = 79.54 FT ( 24.24 M) BELOW THE TOC  
 WATER ELEVATION = 208.56 FT ( 63.57 M) MSL  
 PH = 5.4 ALKALINITY = 2 MG/L  
 SPECIFIC CONDUCTANCE = 25 UMHOS/CM  
 WATER TEMPERATURE = 18.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 34 GAL

## WELL SRM 9

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/21/88 TIME 1205  
 DEPTH TO WATER = 55.53 FT ( 16.93 M) BELOW THE TOC  
 WATER ELEVATION = 197.87 FT ( 60.31 M) MSL  
 PH = 5.2 ALKALINITY = 2 MG/L  
 SPECIFIC CONDUCTANCE = 16 UMHOS/CM  
 WATER TEMPERATURE = 18.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 83 GAL

## WELL SRM 9A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/21/88 TIME 1210  
 DEPTH TO WATER = 55.21 FT ( 16.83 M) BELOW THE TOC  
 WATER ELEVATION = 198.09 FT ( 60.38 M) MSL  
 PH = 5.1 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 18 UMHOS/CM  
 WATER TEMPERATURE = 18.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 219 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL SRM 9B

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/21/88 TIME 1150  
 DEPTH TO WATER = 54.57 FT ( 16.63 M) BELOW THE TOC  
 WATER ELEVATION = 198.83 FT ( 60.60 M) MSL  
 PH = 5.1 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 17 UMHOS/CM  
 WATER TEMPERATURE = 18.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 122 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL SRM 10

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/21/88 TIME 1455  
 PH = 5.2 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 24 UMHOS/CM  
 WATER TEMPERATURE = 19.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 26 GAL

## WELL SRM 11

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/21/88 TIME 1515  
 DEPTH TO WATER = 84.74 FT ( 25.83 M) BELOW THE TOC  
 WATER ELEVATION = 211.06 FT ( 64.33 M) MSL  
 PH = 4.9 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 22 UMHOS/CM  
 WATER TEMPERATURE = 18.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 54 GAL

## WELL SRM 12A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/21/88 TIME 1130  
 DEPTH TO WATER = 45.57 FT ( 13.28 M) BELOW THE TOC  
 WATER ELEVATION = 192.73 FT ( 58.74 M) MSL  
 PH = 4.8 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 19 UMHOS/CM  
 WATER TEMPERATURE = 18.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 232 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL SRM 12B

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/21/88 TIME 1120  
 DEPTH TO WATER = 49.42 FT ( 15.06 M) BELOW THE TOC  
 WATER ELEVATION = 186.88 FT ( 56.96 M) MSL  
 PH = 5.5 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 13 UMHOS/CM  
 WATER TEMPERATURE = 17.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 106 GAL

## LABORATORY ANALYSES

1 CHLOROFORM		1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
1 TRICHLOROETHYLENE		1.04 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL SRM 12C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/21/88 TIME 1105  
 DEPTH TO WATER = 42.87 FT ( 13.07 M) BELOW THE TOC  
 WATER ELEVATION = 195.43 FT ( 59.6 M) MSL  
 PH = 5.4 ALKALINITY = 2 MG/L  
 SPECIFIC CONDUCTANCE = 14 UMHOS/CM  
 WATER TEMPERATURE = 17.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 38 GAL

## LABORATORY ANALYSES

1 CHLOROFORM		1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
1 TRICHLOROETHYLENE		1.33 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL SRM 13A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/20/88 TIME 1615  
 DEPTH TO WATER = 96.78 FT ( 29.50 M) BELOW THE TOC  
 WATER ELEVATION = 200.92 FT ( 61.24 M) MSL  
 PH = 4.9 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 19 UMHOS/CM  
 WATER TEMPERATURE = 18.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 280 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	10 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	10.0 UG/L	M-AREA,SRS
0 TRICHLOROETHYLENE	LT	10.0 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	10 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	10 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	10 UG/L	M-AREA,SRS

## WELL SRM 13B

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/20/88 TIME 1755  
 DEPTH TO WATER = 94.70 FT ( 28.86 M) BELOW THE TOC  
 WATER ELEVATION = 203.00 FT ( 61.88 M) MSL  
 PH = 5.0 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 17 UMHOS/CM  
 WATER TEMPERATURE = 18.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 130 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL SRM 13C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/28/88 TIME 1005  
 DEPTH TO WATER = 88.11 FT ( 26.86 M) BELOW THE TOC  
 WATER ELEVATION = 209.59 FT ( 63.88 M) MSL  
 PH = 5.2 ALKALINITY = 2 MG/L  
 SPECIFIC CONDUCTANCE = 25 UMHOS/CM  
 WATER TEMPERATURE = 18.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 36 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL SRM 13C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/28/88 TIME 1005  
 DEPTH TO WATER = 88.11 FT ( 26.86 M) BELOW THE TOC  
 WATER ELEVATION = 209.59 FT ( 63.88 M) MSL  
 PH = 5.2 ALKALINITY = 2 MG/L  
 SPECIFIC CONDUCTANCE = 25 UMHOS/CM  
 WATER TEMPERATURE = 18.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 36 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL SRM 14A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/20/88 TIME 1730  
 DEPTH TO WATER = 123.28 FT ( 37.58 M) BELOW THE TOC  
 WATER ELEVATION = 203.72 FT ( 62.09 M) MSL  
 PH = 5.3 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 23 UMHOS/CM  
 WATER TEMPERATURE = 18.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 237 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
2 TRICHLOROETHYLENE		4.85 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL SRM 148

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/20/88 TIME 1720  
 DEPTH TO WATER = 121.75 FT ( 37.11 M) BELOW THE TOC  
 WATER ELEVATION = 205.15 FT ( 62.53 M) MSL  
 PH = 5.4 ALKALINITY = 3 MG/L  
 SPECIFIC CONDUCTANCE = 23 UMHOS/CM  
 WATER TEMPERATURE = 18.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 132 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL SRM 14C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/20/88 TIME 1700  
 PH = 4.9 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 21 UMHOS/CM  
 WATER TEMPERATURE = 18.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 48 GAL

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
0 1,1,1-TRICHLOROETHANE	LT	1 UG/L	M-AREA,SRS

## WELL SRM 15A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/23/88 TIME 1720  
 DEPTH TO WATER = 109.40 FT ( 33.35 M) BELOW THE TOC  
 WATER ELEVATION = 209.70 FT ( 63.92 M) MSL  
 PH = 5.5 ALKALINITY = 3 MG/L  
 SPECIFIC CONDUCTANCE = 26 UMHOS/CM  
 WATER TEMPERATURE = 18.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 292 GAL

## WELL SRM 15B

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/23/88 TIME 1700  
 DEPTH TO WATER = 109.34 FT ( 33.33 M) BELOW THE TOC  
 WATER ELEVATION = 209.76 FT ( 63.94 M) MSL  
 PH = 5.1 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 18 UMHOS/CM  
 WATER TEMPERATURE = 18.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 177 GAL

## WELL SRM 15C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/23/88 TIME 1640  
 DEPTH TO WATER = 105.74 FT ( 32.23 M) BELOW THE TOC  
 WATER ELEVATION = 213.36 FT ( 65.03 M) MSL  
 PH = 5.0 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 18 UMHOS/CM  
 WATER TEMPERATURE = 18.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 68 GAL

## WELL SRM 16A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/21/88 TIME 905  
 DEPTH TO WATER = 130.85 FT ( 39.88 M) BELOW THE TOC  
 WATER ELEVATION = 215.95 FT ( 65.82 M) MSL  
 PHYSICAL OR MECHANICAL FAILURE PREVENTED SAMPLE COLLECTION.

## WELL SRM 16A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/01/88 TIME 1215  
 DEPTH TO WATER = 133.01 FT ( 40.54 M) BELOW THE TOC  
 WATER ELEVATION = 213.79 FT ( 65.16 M) MSL  
 PH = 6.7 ALKALINITY = 53 MG/L  
 SPECIFIC CONDUCTANCE = 181 UMHOS/CM  
 WATER TEMPERATURE = 17.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 32 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

0 CHLOROFORM	LT	1 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRICHLOROETHYLENE	LT	1.00 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	1 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	1 UG/L	M-AREA,SRS
1 1,1,1-TRICHLOROETHANE		7 UG/L	M-AREA,SRS

## WELL SRM 16A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/01/88 TIME 1215  
 DEPTH TO WATER = 133.01 FT ( 40.54 M) BELOW THE TOC  
 WATER ELEVATION = 213.79 FT ( 65.16 M) MSL  
 PH = 6.7 ALKALINITY = 53 MG/L  
 SPECIFIC CONDUCTANCE = 181 UMHOS/CM  
 WATER TEMPERATURE = 17.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 32 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

0 CHLOROFORM	LT	10 UG/L	M-AREA,SRS
0 TETRACHLOROETHYLENE	LT	10.0 UG/L	M-AREA,SRS
0 TRICHLOROETHYLENE	LT	10.0 UG/L	M-AREA,SRS
0 TRANS-1,2-DICHLOROETHENE	LT	10 UG/L	M-AREA,SRS
0 1,1-DICHLOROETHYLENE	LT	10 UG/L	M-AREA,SRS
1 1,1,1-TRICHLOROETHANE		12 UG/L	M-AREA,SRS

## WELL SRM 16B

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/21/88 TIME 940  
 DEPTH TO WATER = 131.04 FT ( 39.94 M) BELOW THE TOC  
 WATER ELEVATION = 215.76 FT ( 65.76 M) MSL  
 PH = 5.2 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 18 UMHOS/CM  
 WATER TEMPERATURE = 17.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 146 GAL

## WELL SRM 16C

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/21/88 TIME 930  
 DEPTH TO WATER = 130.17 FT ( 39.68 M) BELOW THE TOC  
 WATER ELEVATION = 216.43 FT ( 65.97 M) MSL  
 PH = 5.2 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 16 UMHOS/CM  
 WATER TEMPERATURE = 17.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 28 GAL

## WELL SSS 1

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/12/88 TIME 1720  
 DEPTH TO WATER = 40.52 FT ( 12.35 M) BELOW THE TOC  
 WATER ELEVATION = 154.38 FT ( 47.06 M) MSL  
 PH = 4.7 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 16 UMHO/CM  
 WATER TEMPERATURE = 15.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 1 GAL  
 THERE WAS INSUFFICIENT WATER TO FILL ALL OR SOME SAMPLE BOTTLES

## WELL SSS 2

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/12/88 TIME 1320  
 DEPTH TO WATER = 16.18 FT ( 4.93 M) BELOW THE TOC  
 WATER ELEVATION = 148.92 FT ( 45.39 M) MSL  
 PH = 5.0 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 25 UMHO/CM  
 WATER TEMPERATURE = 16.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 7 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	39.20 UMHC	ENV. ENG.
0	PH	5.25 PH	ENV. ENG.
0	SILVER	LT	2 UG/L ENV. ENG.
0	ARSENIC	LT	2 UG/L ENV. ENG.
0	BARIUM	LT	9 UG/L ENV. ENG.
0	CALCIUM	LT	1890 UG/L ENV. ENG.
0	CADMIUM	LT	2 UG/L ENV. ENG.
0	CHLORIDE	LT	4100 UG/L ENV. ENG.
0	CHROMIUM	LT	4 UG/L ENV. ENG.
0	COPPER	LT	10 UG/L ENV. ENG.
0	ENDRIN	LT	0.10 UG/L ENV. ENG.
0	FLUORIDE	LT	100 UG/L ENV. ENG.
0	IRON	LT	24 UG/L ENV. ENG.
0	MERCURY	LT	0.20 UG/L ENV. ENG.
0	POTASSIUM	LT	1270 UG/L ENV. ENG.
0	LINDANE	LT	0.05 UG/L ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L ENV. ENG.
0	MAGNESIUM	LT	635 UG/L ENV. ENG.
0	MANGANESE	LT	6 UG/L ENV. ENG.
0	SODIUM	LT	2040 UG/L ENV. ENG.
0	NICKEL	LT	4 UG/L ENV. ENG.
0	NITRITE AS NITROGEN	LT	50 UG/L ENV. ENG.
0	NITRATE AS NITROGEN	LT	1050 UG/L ENV. ENG.
0	LEAD	LT	6 UG/L ENV. ENG.
0	PHENOL	LT	5 UG/L ENV. ENG.
0	PHENOL	LT	5 UG/L ENV. ENG.
0	SELENIUM	LT	2 UG/L ENV. ENG.
1	SILICA	LT	7450 UG/L ENV. ENG.
0	SILVEX	LT	0.09 UG/L ENV. ENG.
0	SULFATE	LT	5000 UG/L ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	LT	20000 UG/L ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	3100 UG/L ENV. ENG.
1	TOTAL ORGANIC HALOGENS	LT	13 UG/L ENV. ENG.
0	TOTAL PHOSPHATES	LT	120 UG/L ENV. ENG.
0	TOXAPHENE	LT	1 UG/L ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L ENV. ENG.
0	GROSS ALPHA	LT	1.08+-0.72 PCI/L HP, 735A
0	GROSS ALPHA	LT	1.74+-1.03 PCI/L RAD. MEAS.
0	NONVOLATILE BETA	LT	0.37+-0.79 PCI/L HP, 735A
0	NONVOLATILE BETA	LT	2.63+-0.93 PCI/L RAD. MEAS.
0	TOTAL RADIUM	LT	1.29+-0.78 PCI/L RAD. MEAS.
0	TRITIUM	LT	6.46+-0.57 PCI/ML HP, 735A
0	TRITIUM	LT	2.92+-0.28 PCI/ML RAD. MEAS.

## WELL SSS 3

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/12/88 TIME 1750  
 DEPTH TO WATER = 14.58 FT ( 4.44 M) BELOW THE TOC  
 WATER ELEVATION = 149.02 FT ( 45.42 M) MSL  
 PH = 4.6 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 13 UMHO/CM  
 WATER TEMPERATURE = 14.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 1 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

0	NITRITE AS NITROGEN	LT	50 UG/L ENV. ENG.
0	NITRATE AS NITROGEN	LT	200 UG/L ENV. ENG.
0	PHENOL	LT	5 UG/L ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L ENV. ENG.
0	TOTAL PHOSPHATES	LT	60 UG/L ENV. ENG.
0	GROSS ALPHA	LT	3.27+-1.49 PCI/L HP, 735A
0	NONVOLATILE BETA	LT	4.65+-1.49 PCI/L HP, 735A
0	TRITIUM	LT	4.89+-0.54 PCI/ML HP, 735A
0	TRITIUM	LT	3.10+-0.28 PCI/ML RAD. MEAS.
0	TRITIUM	LT	2.99+-0.28 PCI/ML RAD. MEAS.

## WELL SSS 4

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 1230  
 THE WELL WAS DRY.

## WELL SSS 5

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 1105  
 DEPTH TO WATER = 51.90 FT ( 15.82 M) BELOW THE TOC  
 WATER ELEVATION = 188.10 FT ( 57.33 M) MSL  
 PH = 4.9 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 24 UMHO/CM  
 WATER TEMPERATURE = 16.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 3 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	40.30 UMHC	ENV. ENG.
0	PH	4.99 PH	ENV. ENG.
0	SILVER	LT	2 UG/L ENV. ENG.
0	ARSENIC	LT	2 UG/L ENV. ENG.
0	BARIUM	LT	4 UG/L ENV. ENG.
0	CALCIUM	LT	1730 UG/L ENV. ENG.
0	CADMIUM	LT	2 UG/L ENV. ENG.
0	CHLORIDE	LT	3200 UG/L ENV. ENG.
0	CHROMIUM	LT	4 UG/L ENV. ENG.
0	COPPER	LT	4 UG/L ENV. ENG.
0	ENDRIN	LT	0.10 UG/L ENV. ENG.
0	FLUORIDE	LT	100 UG/L ENV. ENG.
0	IRON	LT	20 UG/L ENV. ENG.
0	MERCURY	LT	0.21 UG/L ENV. ENG.
0	POTASSIUM	LT	766 UG/L ENV. ENG.
0	LINDANE	LT	0.05 UG/L ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L ENV. ENG.
0	MAGNESIUM	LT	627 UG/L ENV. ENG.
0	MANGANESE	LT	7 UG/L ENV. ENG.
0	SODIUM	LT	2390 UG/L ENV. ENG.
0	NICKEL	LT	4 UG/L ENV. ENG.
0	NITRITE AS NITROGEN	LT	50 UG/L ENV. ENG.
0	NITRATE AS NITROGEN	LT	1740 UG/L ENV. ENG.
0	LEAD	LT	6 UG/L ENV. ENG.
0	PHENOL	LT	5 UG/L ENV. ENG.
0	SELENIUM	LT	2 UG/L ENV. ENG.
1	SILICA	LT	7270 UG/L ENV. ENG.
1	SILICA	LT	7350 UG/L ENV. ENG.
0	SILVEX	LT	0.09 UG/L ENV. ENG.
0	SULFATE	LT	5000 UG/L ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	LT	62000 UG/L ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	3600 UG/L ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L ENV. ENG.
1	TOTAL PHOSPHATES	LT	910 UG/L ENV. ENG.
0	TOXAPHENE	LT	1 UG/L ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L ENV. ENG.
0	GROSS ALPHA	LT	1.52+-0.84 PCI/L HP, 735A
1	GROSS ALPHA	LT	5.01+-1.52 PCI/L HP, 735A
0	NONVOLATILE BETA	LT	2.06+-1.05 PCI/L HP, 735A
0	NONVOLATILE BETA	LT	5.59+-1.10 PCI/L RAD. MEAS.
2	TOTAL RADIUM	LT	5.74+-1.26 PCI/L RAD. MEAS.
0	TRITIUM	LT	4.04+-0.80 PCI/ML HP, 735A
0	TRITIUM	LT	2.33+-0.27 PCI/ML RAD. MEAS.

## WELL SSS 6

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 1000  
 THE WELL WAS DRY.

## WELL SSS 7

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 1450  
 DEPTH TO WATER = 65.64 FT ( 20.01 M) BELOW THE TOC  
 WATER ELEVATION = 140.94 FT ( 42.96 M) MSL  
 PH = 4.5 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 38 UMHO/CM  
 WATER TEMPERATURE = 17.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 1 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	50.90 UMHC	ENV. ENG.
0	PH	4.96 PH	ENV. ENG.
0	SILVER	LT	2 UG/L ENV. ENG.
0	ARSENIC	LT	2 UG/L ENV. ENG.
0	BARIUM	LT	4 UG/L ENV. ENG.
0	CALCIUM	LT	2150 UG/L ENV. ENG.
0	CADMIUM	LT	2 UG/L ENV. ENG.
0	CHLORIDE	LT	4800 UG/L ENV. ENG.
0	CHROMIUM	LT	4800 UG/L ENV. ENG.
0	COPPER	LT	4 UG/L ENV. ENG.
0	ENDRIN	LT	0.10 UG/L ENV. ENG.
0	FLUORIDE	LT	100 UG/L ENV. ENG.

CONTINUED



WELL SSS 7 COLLECTED ON 12/10/88 LABORATORY ANALYSES CONTINUED

0 IRON	LT	20 UG/L	ENV. ENG.
0 MERCURY	LT	0.20 UG/L	ENV. ENG.
0 POTASSIUM		873 UG/L	ENV. ENG.
0 LINDANE	LT	0.05 UG/L	ENV. ENG.
0 METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0 MAGNESIUM		770 UG/L	ENV. ENG.
0 MANGANESE		3 UG/L	ENV. ENG.
0 SODIUM		2720 UG/L	ENV. ENG.
0 NICKEL	LT	4 UG/L	ENV. ENG.
0 NITRITE AS NITROGEN	LT	50 UG/L	ENV. ENG.
0 NITRATE AS NITROGEN		2600 UG/L	ENV. ENG.
0 LEAD	LT	6 UG/L	ENV. ENG.
0 PHENOL	LT	5 UG/L	ENV. ENG.
0 SELENIUM	LT	2 UG/L	ENV. ENG.
1 SILICA		16100 UG/L	ENV. ENG.
0 SILVEX	LT	0.09 UG/L	ENV. ENG.
0 SULFATE	LT	5000 UG/L	ENV. ENG.
0 SULFATE	LT	5000 UG/L	ENV. ENG.
0 TOTAL DISSOLVED SOLIDS		84000 UG/L	ENV. ENG.
0 TOTAL ORGANIC CARBON		3500 UG/L	ENV. ENG.
0 TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
1 TOTAL PHOSPHATES		680 UG/L	ENV. ENG.
0 TOXAPHENE	LT	1 UG/L	ENV. ENG.
0 2,4-DICHLOROPHENOXACETIC ACID	LT	0.30 UG/L	ENV. ENG.
0 GROSS ALPHA		3.08+-1.18 PCI/L	HP, 735A
0 GROSS ALPHA		0.95+-0.73 PCI/L	RAD. MEAS.
0 NONVOLATILE BETA		3.56+-1.25 PCI/L	HP, 735A
0 NONVOLATILE BETA		2.32+-0.94 PCI/L	RAD. MEAS.
0 TOTAL RADIUM		1.32+-0.63 PCI/L	RAD. MEAS.
0 TRITIUM		2.27+-0.46 PCI/ML	HP, 735A
0 TRITIUM		1.25+-0.25 PCI/ML	RAD. MEAS.

WELL SSS 8

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 1640  
 DEPTH TO WATER = 49.96 FT ( 15.23 M) BELOW THE TOC  
 WATER ELEVATION = 151.24 FT ( 46.10 M) MSL  
 PH = 4.5 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 16 UMHOS/CM  
 WATER TEMPERATURE = 17.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 2 GAL

LABORATORY ANALYSES

0 SPECIFIC CONDUCTANCE		22.00 UMHG	ENV. ENG.
0 PH		4.51 PH	ENV. ENG.
0 SILVER	LT	2 UG/L	ENV. ENG.
0 ARSENIC	LT	2 UG/L	ENV. ENG.
0 BARIUM	LT	4 UG/L	ENV. ENG.
0 CADMIUM	LT	1390 UG/L	ENV. ENG.
0 CHLORIDE	LT	2 UG/L	ENV. ENG.
0 CHROMIUM	LT	2200 UG/L	ENV. ENG.
0 COPPER	LT	4 UG/L	ENV. ENG.
0 ENDRIK	LT	4 UG/L	ENV. ENG.
0 FLUORIDE	LT	0.10 UG/L	ENV. ENG.
0 FLUORIDE	LT	100 UG/L	ENV. ENG.
0 IRON	LT	100 UG/L	ENV. ENG.
0 MERCURY	LT	20 UG/L	ENV. ENG.
0 POTASSIUM	LT	0.20 UG/L	ENV. ENG.
0 LINDANE	LT	500 UG/L	ENV. ENG.
0 METHOXYCHLOR	LT	0.05 UG/L	ENV. ENG.
0 MAGNESIUM		0.50 UG/L	ENV. ENG.
0 MANGANESE	LT	395 UG/L	ENV. ENG.
0 SODIUM		948 UG/L	ENV. ENG.
0 NICKEL	LT	4 UG/L	ENV. ENG.
0 NITRITE AS NITROGEN	LT	50 UG/L	ENV. ENG.
0 NITRATE AS NITROGEN		1100 UG/L	ENV. ENG.
0 LEAD	LT	6 UG/L	ENV. ENG.
0 PHENOL	LT	5 UG/L	ENV. ENG.
0 SELENIUM	LT	2 UG/L	ENV. ENG.
1 SILICA		7280 UG/L	ENV. ENG.
0 SILVEX	LT	0.09 UG/L	ENV. ENG.
0 SULFATE	LT	5000 UG/L	ENV. ENG.
0 TOTAL DISSOLVED SOLIDS		54000 UG/L	ENV. ENG.
0 TOTAL ORGANIC CARBON		1800 UG/L	ENV. ENG.
0 TOTAL ORGANIC HALOGENS		8 UG/L	ENV. ENG.
1 TOTAL PHOSPHATES		1100 UG/L	ENV. ENG.
0 TOXAPHENE	LT	1 UG/L	ENV. ENG.
0 2,4-DICHLOROPHENOXACETIC ACID	LT	0.30 UG/L	ENV. ENG.
1 GROSS ALPHA		12.30+-2.77 PCI/L	HP, 735A
1 GROSS ALPHA		14.30+-2.05 PCI/L	RAD. MEAS.
0 NONVOLATILE BETA		7.66+-2.22 PCI/L	HP, 735A
0 NONVOLATILE BETA		8.23+-1.23 PCI/L	RAD. MEAS.
2 TOTAL RADIUM		20.00+-2.29 PCI/L	RAD. MEAS.
0 TRITIUM		4.04+-0.50 PCI/ML	HP, 735A
0 TRITIUM		3.01+-0.28 PCI/ML	RAD. MEAS.

WELL SSS 9

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/11/88 TIME 930  
 DEPTH TO WATER = 49.96 FT ( 15.23 M) BELOW THE TOC  
 WATER ELEVATION = 153.34 FT ( 46.74 M) MSL  
 PH = 4.5 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 19 UMHOS/CM  
 WATER TEMPERATURE = 14.3 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 3 GAL

LABORATORY ANALYSES

0 SPECIFIC CONDUCTANCE		21.70 UMHG	ENV. ENG.
0 PH		4.97 PH	ENV. ENG.
0 SILVER	LT	2 UG/L	ENV. ENG.
0 SILVER	LT	2 UG/L	ENV. ENG.
0 ARSENIC	LT	2 UG/L	ENV. ENG.
0 BARIUM	LT	4 UG/L	ENV. ENG.
0 CADMIUM	LT	476 UG/L	ENV. ENG.
0 CHLORIDE	LT	2 UG/L	ENV. ENG.
0 CHROMIUM	LT	1600 UG/L	ENV. ENG.
0 COPPER	LT	4 UG/L	ENV. ENG.
0 ENDRIK	LT	4 UG/L	ENV. ENG.
0 FLUORIDE	LT	0.10 UG/L	ENV. ENG.
0 MERCURY	LT	100 UG/L	ENV. ENG.
0 MERCURY	LT	20 UG/L	ENV. ENG.
0 POTASSIUM	LT	0.20 UG/L	ENV. ENG.
0 LINDANE	LT	2220 UG/L	ENV. ENG.
0 METHOXYCHLOR	LT	0.05 UG/L	ENV. ENG.
0 MAGNESIUM	LT	0.50 UG/L	ENV. ENG.
0 MANGANESE	LT	440 UG/L	ENV. ENG.
1 SODIUM		13400 UG/L	ENV. ENG.
1 SODIUM		13400 UG/L	ENV. ENG.
0 NICKEL	LT	4 UG/L	ENV. ENG.
0 NITRITE AS NITROGEN	LT	50 UG/L	ENV. ENG.
0 NITRATE AS NITROGEN		800 UG/L	ENV. ENG.
0 LEAD	LT	6 UG/L	ENV. ENG.
0 PHENOL	LT	5 UG/L	ENV. ENG.
0 SELENIUM	LT	2 UG/L	ENV. ENG.
0 SELENIUM	LT	2 UG/L	ENV. ENG.
1 SILICA		6420 UG/L	ENV. ENG.
0 SILVEX	LT	0.09 UG/L	ENV. ENG.
0 SULFATE	LT	5000 UG/L	ENV. ENG.
0 TOTAL DISSOLVED SOLIDS		48000 UG/L	ENV. ENG.
0 TOTAL ORGANIC CARBON		1400 UG/L	ENV. ENG.
0 TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
1 TOTAL PHOSPHATES		1390 UG/L	ENV. ENG.
0 TOXAPHENE	LT	1 UG/L	ENV. ENG.
0 2,4-DICHLOROPHENOXACETIC ACID	LT	0.30 UG/L	ENV. ENG.
1 GROSS ALPHA		0.96+-0.66 PCI/L	HP, 735A
1 GROSS ALPHA		12.40+-1.77 PCI/L	RAD. MEAS.
0 NONVOLATILE BETA		2.40+-1.08 PCI/L	HP, 735A
1 NONVOLATILE BETA		11.60+-1.42 PCI/L	RAD. MEAS.
2 TOTAL RADIUM		13.30+-1.85 PCI/L	RAD. MEAS.
0 TRITIUM		3.77+-0.50 PCI/ML	HP, 735A
0 TRITIUM		2.96+-0.28 PCI/ML	RAD. MEAS.

WELL SSS 10

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/11/88 TIME 1230  
 DEPTH TO WATER = 74.78 FT ( 22.79 M) BELOW THE TOC  
 WATER ELEVATION = 236.82 FT ( 72.18 M) MSL  
 PH = 4.6 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 41 UMHOS/CM  
 WATER TEMPERATURE = 16.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 3 GAL

LABORATORY ANALYSES

0 SPECIFIC CONDUCTANCE		50.50 UMHG	ENV. ENG.
0 SPECIFIC CONDUCTANCE		50.00 UMHG	ENV. ENG.
0 PH		4.37 PH	ENV. ENG.
0 PH		4.48 PH	ENV. ENG.
0 SILVER	LT	2 UG/L	ENV. ENG.
0 ARSENIC	LT	2 UG/L	ENV. ENG.
0 BARIUM	LT	8 UG/L	ENV. ENG.
0 BARIUM	LT	8 UG/L	ENV. ENG.
0 CADMIUM	LT	2290 UG/L	ENV. ENG.
0 CADMIUM	LT	2 UG/L	ENV. ENG.
0 CHLORIDE	LT	2 UG/L	ENV. ENG.
0 CHROMIUM	LT	6400 UG/L	ENV. ENG.
0 CHROMIUM	LT	4 UG/L	ENV. ENG.
0 COPPER	LT	4 UG/L	ENV. ENG.
0 COPPER	LT	5 UG/L	ENV. ENG.
0 ENDRIK	LT	4 UG/L	ENV. ENG.
0 FLUORIDE	LT	0.10 UG/L	ENV. ENG.
0 IRON	LT	100 UG/L	ENV. ENG.
0 IRON	LT	20 UG/L	ENV. ENG.
0 MERCURY	LT	20 UG/L	ENV. ENG.
0 POTASSIUM	LT	0.20 UG/L	ENV. ENG.
0 POTASSIUM	LT	500 UG/L	ENV. ENG.
0 LINDANE	LT	500 UG/L	ENV. ENG.
0 METHOXYCHLOR	LT	0.05 UG/L	ENV. ENG.
0 MAGNESIUM	LT	0.50 UG/L	ENV. ENG.
0 MAGNESIUM		699 UG/L	ENV. ENG.
0 MANGANESE		741 UG/L	ENV. ENG.
0 MANGANESE		14 UG/L	ENV. ENG.
0 SODIUM		12 UG/L	ENV. ENG.
0 SODIUM		4220 UG/L	ENV. ENG.
0 SODIUM		4950 UG/L	ENV. ENG.
0 NICKEL	LT	4 UG/L	ENV. ENG.

CONTINUED

WELL SSS 10 COLLECTED ON 12/11/88 LABORATORY ANALYSES CONTINUED

0 NICKEL	LT	4 UG/L	ENV. ENG.
0 NITRITE AS NITROGEN	LT	50 UG/L	ENV. ENG.
0 NITRATE AS NITROGEN		2820 UG/L	ENV. ENG.
0 LEAD	LT	6 UG/L	ENV. ENG.
0 PHENOL	LT	6 UG/L	ENV. ENG.
0 SELENIUM	LT	5 UG/L	ENV. ENG.
1 SILICA		2 UG/L	ENV. ENG.
1 SILICA		6210 UG/L	ENV. ENG.
0 SILVEX	LT	0.09 UG/L	ENV. ENG.
0 SULFATE	LT	5000 UG/L	ENV. ENG.
0 TOTAL DISSOLVED SOLIDS		54000 UG/L	ENV. ENG.
0 TOTAL ORGANIC CARBON		1400 UG/L	ENV. ENG.
0 TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0 TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
1 TOTAL PHOSPHATES		790 UG/L	ENV. ENG.
0 TOXAPHENE	LT	1 UG/L	ENV. ENG.
0 2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L	ENV. ENG.
0 GROSS ALPHA		0.47+-0.47 PCI/L	HP, 735A
1 GROSS ALPHA		13.80+-2.17 PCI/L	RAD. MEAS.
0 NONVOLATILE BETA		1.34+-0.91 PCI/L	HP, 735A
0 NONVOLATILE BETA		6.17+-1.15 PCI/L	RAD. MEAS.
2 TOTAL RADIUM		10.20+-1.37 PCI/L	RAD. MEAS.
0 TRITIUM		2.04+-0.45 PCI/ML	HP, 735A
0 TRITIUM		1.83+-0.27 PCI/ML	RAD. MEAS.

WELL SSS 11

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/11/88 TIME 1305  
THE WELL WAS DRY.

WELL SSS 12

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/11/88 TIME 1315  
THE WELL WAS DRY.

WELL SSS 17

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/12/88 TIME 1505  
DEPTH TO WATER = 28.55 FT ( 8.70 M) BELOW THE TOC  
WATER ELEVATION = 194.15 FT ( 59.18 M) MSL  
PH = 4.5 ALKALINITY = 0 MG/L  
SPECIFIC CONDUCTANCE = 15 UMHOS/CM  
WATER TEMPERATURE = 18.0 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 5 GAL

LABORATORY ANALYSES

0 SPECIFIC CONDUCTANCE		24.00 UMHOS	ENV. ENG.
0 PH		4.63 PH	ENV. ENG.
0 SILVER	LT	2 UG/L	ENV. ENG.
0 ARSENIC	LT	2 UG/L	ENV. ENG.
0 BARIUM		8 UG/L	ENV. ENG.
0 CALCIUM		402 UG/L	ENV. ENG.
0 CADMIUM	LT	2 UG/L	ENV. ENG.
0 CHLORIDE		2400 UG/L	ENV. ENG.
0 CHROMIUM	LT	4 UG/L	ENV. ENG.
0 COPPER	LT	4 UG/L	ENV. ENG.
0 ENDORIN	LT	4 UG/L	ENV. ENG.
0 FLUORIDE	LT	0.10 UG/L	ENV. ENG.
0 IRON	LT	100 UG/L	ENV. ENG.
0 MERCURY	LT	122 UG/L	ENV. ENG.
0 POTASSIUM	LT	0.20 UG/L	ENV. ENG.
0 LINDANE	LT	989 UG/L	ENV. ENG.
0 METHOXYCHLOR	LT	0.05 UG/L	ENV. ENG.
0 MAGNESIUM	LT	0.50 UG/L	ENV. ENG.
0 MANGANESE		362 UG/L	ENV. ENG.
0 SODIUM		2 UG/L	ENV. ENG.
0 NICKEL	LT	884 UG/L	ENV. ENG.
0 NITRITE AS NITROGEN	LT	4 UG/L	ENV. ENG.
0 NITRATE AS NITROGEN	LT	50 UG/L	ENV. ENG.
0 LEAD	LT	700 UG/L	ENV. ENG.
0 PHENOL	LT	6 UG/L	ENV. ENG.
0 SELENIUM	LT	5 UG/L	ENV. ENG.
1 SILICA		2 UG/L	ENV. ENG.
0 SILVEX	LT	5030 UG/L	ENV. ENG.
0 SULFATE	LT	0.09 UG/L	ENV. ENG.
0 TOTAL DISSOLVED SOLIDS	LT	5000 UG/L	ENV. ENG.
0 TOTAL DISSOLVED SOLIDS	LT	5000 UG/L	ENV. ENG.
0 TOTAL ORGANIC CARBON	LT	5000 UG/L	ENV. ENG.
0 TOTAL ORGANIC CARBON		1000 UG/L	ENV. ENG.
1 TOTAL ORGANIC HALOGENS		17 UG/L	ENV. ENG.
0 TOTAL PHOSPHATES		40 UG/L	ENV. ENG.
0 TOXAPHENE	LT	1 UG/L	ENV. ENG.
0 2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L	ENV. ENG.
0 GROSS ALPHA		3.19+-1.17 PCI/L	HP, 735A
1 GROSS ALPHA		5.99+-1.40 PCI/L	RAD. MEAS.
0 NONVOLATILE BETA		2.53+-1.10 PCI/L	HP, 735A
0 NONVOLATILE BETA		5.67+-1.09 PCI/L	RAD. MEAS.
1 TOTAL RADIUM		4.61+-1.20 PCI/L	RAD. MEAS.
0 TRITIUM		1.61+-0.48 PCI/ML	HP, 735A
0 TRITIUM		0.55+-0.25 PCI/ML	RAD. MEAS.

WELL SSS 19

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/10/88 TIME 1250  
THE WELL WAS DRY.

WELL SSS 20

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/11/88 TIME 1145  
DEPTH TO WATER = 76.12 FT ( 23.20 M) BELOW THE TOC  
WATER ELEVATION = 176.88 FT ( 53.91 M) MSL  
PH = 4.8 ALKALINITY = 1 MG/L  
SPECIFIC CONDUCTANCE = 19 UMHOS/CM  
WATER TEMPERATURE = 15.9 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 1 GAL  
THERE WAS INSUFFICIENT WATER TO FILL ALL OR SOME SAMPLE BOTTLES

WELL SSS 21

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/11/88 TIME 1100  
DEPTH TO WATER = 95.87 FT ( 29.22 M) BELOW THE TOC  
WATER ELEVATION = 190.65 FT ( 58.10 M) MSL  
PH = 4.8 ALKALINITY = 1 MG/L  
SPECIFIC CONDUCTANCE = 25 UMHOS/CM  
WATER TEMPERATURE = 16.4 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 1 GAL  
THERE WAS INSUFFICIENT WATER TO FILL ALL OR SOME SAMPLE BOTTLES

WELL SSS 22

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/11/88 TIME 1525  
DEPTH TO WATER = 52.20 FT ( 15.91 M) BELOW THE TOC  
WATER ELEVATION = 238.70 FT ( 72.76 M) MSL  
PH = 4.8 ALKALINITY = 1 MG/L  
SPECIFIC CONDUCTANCE = 23 UMHOS/CM  
WATER TEMPERATURE = 16.4 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 8 GAL

LABORATORY ANALYSES

0 SPECIFIC CONDUCTANCE		32.30 UMHOS	ENV. ENG.
0 PH		4.85 PH	ENV. ENG.
0 SILVER	LT	2 UG/L	ENV. ENG.
0 ARSENIC	LT	2 UG/L	ENV. ENG.
0 BARIUM		7 UG/L	ENV. ENG.
0 CALCIUM		1110 UG/L	ENV. ENG.
0 CADMIUM	LT	2 UG/L	ENV. ENG.
0 CHLORIDE		1700 UG/L	ENV. ENG.
0 CHROMIUM	LT	4 UG/L	ENV. ENG.
0 COPPER		5 UG/L	ENV. ENG.
0 ENDORIN	LT	0.10 UG/L	ENV. ENG.
0 FLUORIDE	LT	100 UG/L	ENV. ENG.
0 IRON	LT	20 UG/L	ENV. ENG.
0 MERCURY	LT	0.20 UG/L	ENV. ENG.
0 POTASSIUM	LT	500 UG/L	ENV. ENG.
0 LINDANE	LT	0.05 UG/L	ENV. ENG.
0 METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0 MAGNESIUM		526 UG/L	ENV. ENG.
0 MANGANESE		14 UG/L	ENV. ENG.
0 SODIUM		1730 UG/L	ENV. ENG.
0 NICKEL	LT	4 UG/L	ENV. ENG.
0 NITRITE AS NITROGEN	LT	50 UG/L	ENV. ENG.
0 NITRATE AS NITROGEN		2040 UG/L	ENV. ENG.
0 LEAD	LT	6 UG/L	ENV. ENG.
0 PHENOL	LT	5 UG/L	ENV. ENG.
0 SELENIUM	LT	2 UG/L	ENV. ENG.
1 SILICA		6080 UG/L	ENV. ENG.
0 SILVEX	LT	0.09 UG/L	ENV. ENG.
0 SULFATE	LT	5000 UG/L	ENV. ENG.
0 TOTAL DISSOLVED SOLIDS		54000 UG/L	ENV. ENG.
0 TOTAL ORGANIC CARBON		2200 UG/L	ENV. ENG.
0 TOTAL ORGANIC CARBON		2900 UG/L	ENV. ENG.
0 TOTAL ORGANIC HALOGENS		8 UG/L	ENV. ENG.
0 TOTAL PHOSPHATES		90 UG/L	ENV. ENG.
0 TOXAPHENE	LT	1 UG/L	ENV. ENG.
0 2,4-DICHLOROPHENOXYACETIC ACID	LT	0.30 UG/L	ENV. ENG.
0 GROSS ALPHA		1.20+-0.73 PCI/L	HP, 735A
0 GROSS ALPHA		0.98+-0.72 PCI/L	RAD. MEAS.
0 NONVOLATILE BETA		2.18+-1.05 PCI/L	HP, 735A
0 NONVOLATILE BETA	LT	2 PCI/L	RAD. MEAS.
0 TOTAL RADIUM		0.99+-0.61 PCI/L	RAD. MEAS.
0 TRITIUM		3.11+-0.48 PCI/ML	HP, 735A
0 TRITIUM		1.36+-0.25 PCI/ML	RAD. MEAS.

## WELL SSS 23

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/11/88 TIME 1425  
 DEPTH TO WATER = 53.47 FT ( 16.30 M) BELOW THE TOC  
 WATER ELEVATION = 247.53 FT ( 75.45 M) MSL  
 PH = 4.8 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 15 UMHOS/CM  
 WATER TEMPERATURE = 16.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 8 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	18.50 UMHC	ENV. ENG.
0	PH	4.95 PH	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
0	BARIUM	LT 4 UG/L	ENV. ENG.
0	CALCIUM	857 UG/L	ENV. ENG.
0	CADMIUM	935 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHLORIDE	1900 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	COPPER	LT 4 UG/L	ENV. ENG.
0	ENDRIN	LT 0.10 UG/L	ENV. ENG.
0	FLUORIDE	LT 100 UG/L	ENV. ENG.
0	IRON	LT 20 UG/L	ENV. ENG.
0	MERCURY	LT 0.20 UG/L	ENV. ENG.
0	POTASSIUM	LT 500 UG/L	ENV. ENG.
0	LINDANE	LT 0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT 0.50 UG/L	ENV. ENG.
0	MAGNESIUM	274 UG/L	ENV. ENG.
0	MANGANESE	8 UG/L	ENV. ENG.
0	SODIUM	1040 UG/L	ENV. ENG.
0	NICKEL	LT 4 UG/L	ENV. ENG.
0	NITRITE AS NITROGEN	LT 50 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	LT 710 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
1	SILICA	6970 UG/L	ENV. ENG.
0	SILVEX	LT 0.09 UG/L	ENV. ENG.
0	SULFATE	LT 5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	51000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1600 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	9 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	250 UG/L	ENV. ENG.
0	TOXAPHENE	LT 1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT 0.30 UG/L	ENV. ENG.
0	GROSS ALPHA	1.67+-1.02 PCI/L	HP, 735A
0	GROSS ALPHA	LT 3 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	2.87+-1.65 PCI/L	HP, 735A
0	NONVOLATILE BETA	LT 2 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	1.13+-0.66 PCI/L	RAD. MEAS.
0	TRITIUM	2.00+-0.45 PCI/ML	HP, 735A
0	TRITIUM	0.78+-0.24 PCI/ML	RAD. MEAS.

## WELL SSS 24

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/11/88 TIME 1335  
 THE WELL WAS DRY.

## WELL SSS 25

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/13/88 TIME 1205  
 DEPTH TO WATER = 7.77 FT ( 2.37 M) BELOW THE TOC  
 WATER ELEVATION = 195.43 FT ( 59.57 M) MSL  
 PH = 6.2 ALKALINITY = 27 MG/L  
 SPECIFIC CONDUCTANCE = 71 UMHOS/CM  
 WATER TEMPERATURE = 19.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 18 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	75.60 UMHC	ENV. ENG.
0	PH	5.93 PH	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
0	BARIUM	50 UG/L	ENV. ENG.
0	CALCIUM	2280 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHLORIDE	7200 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	COPPER	LT 4 UG/L	ENV. ENG.
0	ENDRIN	LT 0.10 UG/L	ENV. ENG.
0	FLUORIDE	110 UG/L	ENV. ENG.
2	IRON	7040 UG/L	ENV. ENG.
0	MERCURY	LT 0.20 UG/L	ENV. ENG.
0	POTASSIUM	1510 UG/L	ENV. ENG.
0	LINDANE	LT 0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT 0.50 UG/L	ENV. ENG.
0	MAGNESIUM	1220 UG/L	ENV. ENG.
2	MANGANESE	705 UG/L	ENV. ENG.
1	SODIUM	6590 UG/L	ENV. ENG.
0	NICKEL	LT 4 UG/L	ENV. ENG.
0	NITRITE AS NITROGEN	LT 50 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	50 UG/L	ENV. ENG.

CONTINUED

## WELL SSS 25 COLLECTED ON 12/13/88 LABORATORY ANALYSES CONTINUED

0	LEAD	LT 6 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
1	SILICA	1650 UG/L	ENV. ENG.
0	SILVEX	LT 0.09 UG/L	ENV. ENG.
0	SULFATE	LT 5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	22000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1200 UG/L	ENV. ENG.
2	TOTAL ORGANIC HALOGENS	26 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT 20 UG/L	ENV. ENG.
0	TOXAPHENE	LT 1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT 0.30 UG/L	ENV. ENG.
0	GROSS ALPHA	0.44+-0.47 PCI/L	HP, 735A
0	GROSS ALPHA	4.66+-1.85 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	0.38+-0.78 PCI/L	HP, 735A
0	NONVOLATILE BETA	4.99+-1.07 PCI/L	RAD. MEAS.
1	TOTAL RADIUM	4.72+-1.20 PCI/L	RAD. MEAS.
0	TRITIUM	8.07+-0.60 PCI/ML	HP, 735A
0	TRITIUM	5.85+-0.33 PCI/ML	RAD. MEAS.

## WELL SSS 26

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/13/88 TIME 1050  
 DEPTH TO WATER = 22.23 FT ( 6.78 M) BELOW THE TOC  
 WATER ELEVATION = 192.37 FT ( 58.64 M) MSL  
 PH = 4.7 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 36 UMHOS/CM  
 WATER TEMPERATURE = 18.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 10 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	46.90 UMHC	ENV. ENG.
0	SPECIFIC CONDUCTANCE	48.50 UMHC	ENV. ENG.
0	PH	5.02 PH	ENV. ENG.
0	PH	4.97 PH	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
0	BARIUM	LT 4 UG/L	ENV. ENG.
0	CALCIUM	475 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHLORIDE	5400 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	COPPER	LT 4 UG/L	ENV. ENG.
0	ENDRIN	LT 0.10 UG/L	ENV. ENG.
0	FLUORIDE	LT 100 UG/L	ENV. ENG.
0	IRON	49 UG/L	ENV. ENG.
0	MERCURY	LT 0.20 UG/L	ENV. ENG.
0	POTASSIUM	1370 UG/L	ENV. ENG.
0	LINDANE	LT 0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT 0.50 UG/L	ENV. ENG.
0	MAGNESIUM	329 UG/L	ENV. ENG.
0	MANGANESE	5 UG/L	ENV. ENG.
0	SODIUM	4730 UG/L	ENV. ENG.
0	NICKEL	LT 4 UG/L	ENV. ENG.
0	NITRITE AS NITROGEN	LT 50 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	750 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
1	SILICA	4420 UG/L	ENV. ENG.
1	SILICA	4510 UG/L	ENV. ENG.
0	SILVEX	LT 0.09 UG/L	ENV. ENG.
0	SULFATE	LT 5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	34000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT 5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	60 UG/L	ENV. ENG.
0	TOXAPHENE	LT 1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	LT 0.30 UG/L	ENV. ENG.
0	GROSS ALPHA	1.29+-0.77 PCI/L	HP, 735A
0	GROSS ALPHA	LT 3 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	2.06+-1.05 PCI/L	HP, 735A
0	NONVOLATILE BETA	1.86+-0.89 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	1.42+-0.78 PCI/L	RAD. MEAS.
0	TRITIUM	6.57+-0.57 PCI/ML	HP, 735A
0	TRITIUM	4.59+-0.31 PCI/ML	RAD. MEAS.

## WELL SSS 27

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/12/88 TIME 1640  
 DEPTH TO WATER = 41.14 FT ( 12.54 M) BELOW THE TOC  
 WATER ELEVATION = 172.66 FT ( 52.63 M) MSL  
 PH = 4.4 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 18 UMHOS/CM  
 WATER TEMPERATURE = 14.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 9 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	27.80 UMHC	ENV. ENG.
0	PH	4.73 PH	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
0	BARIUM	4 UG/L	ENV. ENG.
0	CALCIUM	641 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHLORIDE	2600 UG/L	ENV. ENG.

CONTINUED

MELL SSS 27 COLLECTED ON 12/12/88 LABORATORY ANALYSES CONTINUED

0	CHLORIDE		2500 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER	LT	4 UG/L	ENV. ENG.
0	ENDRIN	LT	0.10 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	IRON		41 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	POTASSIUM		1400 UG/L	ENV. ENG.
0	LINDANE	LT	0.05 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0	MAGNESIUM		434 UG/L	ENV. ENG.
0	MANGANESE		3 UG/L	ENV. ENG.
0	SODIUM		1500 UG/L	ENV. ENG.
0	NICKEL	LT	4 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	LT	50 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	LT	50 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	LT	920 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	LT	920 UG/L	ENV. ENG.
0	LEAD	LT	4 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		5120 UG/L	ENV. ENG.
0	SILVEX	LT	0.09 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	LT	5000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1600 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		60 UG/L	ENV. ENG.
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXACETIC ACID	LT	0.50 UG/L	ENV. ENG.
1	GROSS ALPHA		7.77+-1.99 PCI/L	HP, 735A
1	GROSS ALPHA		23.70+-2.31 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		4.55+-1.41 PCI/L	HP, 735A
1	NONVOLATILE BETA		15.40+-1.46 PCI/L	RAD. MEAS.
2	TOTAL RADIUM		17.40+-2.07 PCI/L	RAD. MEAS.
0	TRITIUM		1.03+-0.46 PCI/ML	HP, 735A
0	TRITIUM	LT	0.70 PCI/ML	RAD. MEAS.

MELL TBG 1

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/27/88 TIME 1455  
 DEPTH TO WATER = 52.26 FT ( 15.93 M) BELOW THE TOC  
 WATER ELEVATION = 98.96 FT ( 30.16 M) MSL  
 PH = 5.7 ALKALINITY = 13 MG/L  
 SPECIFIC CONDUCTANCE = 116 UMHOS/CM  
 WATER TEMPERATURE = 21.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE MELL PRIOR TO SAMPLING = 27 GAL

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		122.0 UMHOS	ENV. ENG.
0	PH		5.61 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
1	BARIUM		60 UG/L	ENV. ENG.
0	BROMODICHLOROMETHANE	LT	25 UG/L	ENV. ENG.
0	CALCIUM		6220 UG/L	ENV. ENG.
0	TRICHLOROFLUOROMETHANE	LT	25 UG/L	ENV. ENG.
0	CARBON TETRACHLORIDE	LT	25.0 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	BROMOFORM	LT	50 UG/L	ENV. ENG.
0	CHLOROFORM	LT	25 UG/L	ENV. ENG.
0	METHYLENE CHLORIDE	LT	25 UG/L	ENV. ENG.
0	BROMOMETHANE	LT	50 UG/L	ENV. ENG.
0	CHLOROMETHANE	LT	50 UG/L	ENV. ENG.
0	CHLOROBENZENE	LT	4800 UG/L	ENV. ENG.
0	CHROMIUM	LT	25 UG/L	ENV. ENG.
0	CHLOROETHENE	LT	4 UG/L	ENV. ENG.
0	CHLOROETHANE	LT	50 UG/L	ENV. ENG.
0	BENZENE	LT	50 UG/L	ENV. ENG.
0	DIBROMOCHLOROMETHANE	LT	25 UG/L	ENV. ENG.
0	ENDRIN	LT	0.10 UG/L	ENV. ENG.
0	ETHYLBENZENE	LT	25 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
2	IRON		513 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	POTASSIUM		2070 UG/L	ENV. ENG.
0	LINDANE	LT	0.05 UG/L	ENV. ENG.
0	TOLUENE	LT	25 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
0	MAGNESIUM		1480 UG/L	ENV. ENG.
2	MANGANESE		242 UG/L	ENV. ENG.
1	SODIUM		11000 UG/L	ENV. ENG.
1	NITRATE AS NITROGEN		5060 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		13300 UG/L	ENV. ENG.
0	SILVEX	LT	0.09 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	1,1,2,2-TETRACHLOROETHANE	LT	50 UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	LT	28.0 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		68000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
2	TOTAL ORGANIC HALOGENS		332 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
2	TRICHLOROETHYLENE		306 UG/L	ENV. ENG.
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	TRANS-1,2-DICHLOROETHENE	LT	25 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	25 UG/L	ENV. ENG.

CONTINUED

MELL TBG 1 COLLECTED ON 12/27/88 LABORATORY ANALYSES CONTINUED

0	1,1-DICHLOROETHANE	LT	25 UG/L	ENV. ENG.
0	1,1,1-TRICHLOROETHANE	LT	25 UG/L	ENV. ENG.
0	1,1,2-TRICHLOROETHANE	LT	25 UG/L	ENV. ENG.
0	1,2-DICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,2-DICHLOROPROPANE	LT	50 UG/L	ENV. ENG.
0	CIS-1,3-DICHLOROPROPENE	LT	25 UG/L	ENV. ENG.
0	TRANS-1,3-DICHLOROPROPENE	LT	25 UG/L	ENV. ENG.
0	2-CHLOROETHYL VINYL ETHER	LT	50 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXACETIC ACID	LT	0.30 UG/L	ENV. ENG.
0	GROSS ALPHA		1.22+-0.60 PCI/L	HP, 735A
0	GROSS ALPHA		4.53+-1.76 PCI/L	RAD. MEAS.
0	GROSS ALPHA		3.19+-1.60 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		4.03+-1.02 PCI/L	HP, 735A
0	NONVOLATILE BETA		4.94+-1.18 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		3.22+-1.09 PCI/L	RAD. MEAS.
0	CERIUM 144		0.00+-0.14 PCI/ML	HP, 735A
0	COBALT 60		0.00+-0.02 PCI/ML	HP, 735A
0	CHROMIUM 51		0.00+-0.23 PCI/ML	HP, 735A
0	CESIUM 134		0.00+-0.02 PCI/ML	HP, 735A
0	CESIUM 137		0.00+-0.02 PCI/ML	HP, 735A
0	IODINE 131		0.00+-0.12 PCI/ML	HP, 735A
0	RUTHENIUM 103		0.00+-0.03 PCI/ML	HP, 735A
0	RUTHENIUM 106		0.00+-0.17 PCI/ML	HP, 735A
0	ANTIMONY 125		0.00+-0.05 PCI/ML	HP, 735A
0	TOTAL RADIUM		1.58+-0.76 PCI/L	RAD. MEAS.
0	TOTAL RADIUM		1.75+-0.79 PCI/L	RAD. MEAS.
0	TRITIUM		4.05+-0.49 PCI/ML	HP, 735A
0	TRITIUM		2.42+-0.27 PCI/ML	RAD. MEAS.
0	TRITIUM		2.45+-0.27 PCI/ML	RAD. MEAS.
0	ZIRCONIUM/NIOBIUM 95		0.00+-0.04 PCI/ML	HP, 735A

MELL TBG 3

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/28/88 TIME 1045  
 DEPTH TO WATER = 50.16 FT ( 15.29 M) BELOW THE TOC  
 WATER ELEVATION = 101.01 FT ( 30.79 M) MSL  
 PH = 6.3 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 350 UMHOS/CM  
 WATER TEMPERATURE = 21.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE MELL PRIOR TO SAMPLING = 7 GAL  
 THE MELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		329.0 UMHOS	ENV. ENG.
0	PH		4.20 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
1	BARIUM		394 UG/L	ENV. ENG.
0	BROMODICHLOROMETHANE	LT	10 UG/L	ENV. ENG.
1	CALCIUM		10500 UG/L	ENV. ENG.
0	TRICHLOROFLUOROMETHANE	LT	10 UG/L	ENV. ENG.
2	CARBON TETRACHLORIDE		270 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	BROMOFORM	LT	20 UG/L	ENV. ENG.
0	CHLOROFORM	LT	10 UG/L	ENV. ENG.
0	METHYLENE CHLORIDE	LT	10 UG/L	ENV. ENG.
0	BROMOMETHANE	LT	20 UG/L	ENV. ENG.
0	CHLOROMETHANE	LT	20 UG/L	ENV. ENG.
0	CHLORIDE		8300 UG/L	ENV. ENG.
0	CHLOROBENZENE	LT	10 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	CHLOROETHENE	LT	20 UG/L	ENV. ENG.
0	CHLOROETHANE	LT	20 UG/L	ENV. ENG.
0	BENZENE	LT	10 UG/L	ENV. ENG.
0	DIBROMOCHLOROMETHANE	LT	10 UG/L	ENV. ENG.
0	ENDRIN	LT	0.10 UG/L	ENV. ENG.
0	ETHYLBENZENE	LT	10 UG/L	ENV. ENG.
0	FLUORIDE		250 UG/L	ENV. ENG.
0	IRON		116 UG/L	ENV. ENG.
2	MERCURY		1.01 UG/L	ENV. ENG.
0	POTASSIUM		3060 UG/L	ENV. ENG.
0	LINDANE	LT	0.05 UG/L	ENV. ENG.
0	TOLUENE	LT	10 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT	0.50 UG/L	ENV. ENG.
1	MAGNESIUM		6940 UG/L	ENV. ENG.
2	MANGANESE		1370 UG/L	ENV. ENG.
1	SODIUM		32800 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN		41900 UG/L	ENV. ENG.
0	LEAD		12 UG/L	ENV. ENG.
1	PHENOL		11 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		12700 UG/L	ENV. ENG.
0	SILVEX	LT	0.09 UG/L	ENV. ENG.
1	SULFATE		10900 UG/L	ENV. ENG.
0	1,1,2,2-TETRACHLOROETHANE	LT	20 UG/L	ENV. ENG.
2	TETRACHLOROETHYLENE		146 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		224000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON		1200 UG/L	ENV. ENG.
2	TOTAL ORGANIC HALOGENS		492 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES		60 UG/L	ENV. ENG.
2	TRICHLOROETHYLENE		17.0 UG/L	ENV. ENG.
0	TOXAPHENE	LT	1 UG/L	ENV. ENG.
0	TRANS-1,2-DICHLOROETHENE	LT	10 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	10 UG/L	ENV. ENG.
0	1,1,1-TRICHLOROETHANE	LT	10 UG/L	ENV. ENG.
0	1,1,2-TRICHLOROETHANE	LT	10 UG/L	ENV. ENG.
0	1,2-DICHLOROETHANE	LT	2 UG/L	ENV. ENG.
0	1,2-DICHLOROPROPANE	LT	20 UG/L	ENV. ENG.
0	CIS-1,3-DICHLOROPROPENE	LT	10 UG/L	ENV. ENG.
0	TRANS-1,3-DICHLOROPROPENE	LT	10 UG/L	ENV. ENG.
0	2-CHLOROETHYL VINYL ETHER	LT	20 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXACETIC ACID	LT	0.30 UG/L	ENV. ENG.
2	GROSS ALPHA		70.80+-7.73 PCI/L	HP, 735A

CONTINUED

WELL TBG 3 COLLECTED ON 12/28/88 LABORATORY ANALYSES CONTINUED

2 GROSS ALPHA 30.60+-4.52 PCI/L RAD. MEAS.  
 2 NONVOLATILE BETA 53.00+-4.60 PCI/L HP, 735A  
 1 NONVOLATILE BETA 25.00+-2.39 PCI/L RAD. MEAS.  
 0 CERIUM 144 0.00+-0.14 PCI/ML HP, 735A  
 0 COBALT 60 0.00+-0.02 PCI/ML HP, 735A  
 0 CHROMIUM 51 0.00+-0.22 PCI/ML HP, 735A  
 0 CESIUM 134 0.00+-0.02 PCI/ML HP, 735A  
 0 CESIUM 137 0.00+-0.02 PCI/ML HP, 735A  
 0 IODINE 131 0.00+-0.11 PCI/ML HP, 735A  
 1 LEAD 214 0.02+-0.01 PCI/ML HP, 735A  
 0 RUTHENIUM 103 0.00+-0.02 PCI/ML HP, 735A  
 0 RUTHENIUM 106 0.00+-0.17 PCI/ML HP, 735A  
 0 ANTIMONY 125 0.00+-0.05 PCI/ML HP, 735A  
 2 TOTAL RADIUM 37.70+-3.02 PCI/L RAD. MEAS.  
 0 TRITIUM 3.28+-0.48 PCI/ML HP, 735A  
 0 TRITIUM 1.86+-0.26 PCI/ML RAD. MEAS.  
 0 ZIRCONIUM/NIOBIUM 95 0.00+-0.04 PCI/ML HP, 735A

WELL TBG 4

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/27/88 TIME 1410  
 DEPTH TO WATER = 50.14 FT ( 15.28 M) BELOW THE TOC  
 WATER ELEVATION = 101.20 FT ( 30.85 M) MSL  
 PH = 4.2 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 420 UMHOS/CM  
 WATER TEMPERATURE = 20.9 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 32 GAL

LABORATORY ANALYSES

1 SPECIFIC CONDUCTANCE 437.0 UMHOS ENV. ENG.  
 1 SPECIFIC CONDUCTANCE 439.0 UMHOS ENV. ENG.  
 1 PH 3.89 PH ENV. ENG.  
 1 PH 3.93 PH ENV. ENG.  
 0 SILVER LT 2 UG/L ENV. ENG.  
 0 ARSENIC LT 2 UG/L ENV. ENG.  
 0 BARIUM LT 398 UG/L ENV. ENG.  
 0 BROMODICHLOROMETHANE LT 15 UG/L ENV. ENG.  
 0 CALCIUM 9510 UG/L ENV. ENG.  
 0 TRICHLOROFLUOROMETHANE LT 15 UG/L ENV. ENG.  
 2 CARBON TETRACHLORIDE 259 UG/L ENV. ENG.  
 0 CADMIUM LT 2 UG/L ENV. ENG.  
 0 BROMOFORM LT 30 UG/L ENV. ENG.  
 0 CHLOROFORM LT 15 UG/L ENV. ENG.  
 0 METHYLENE CHLORIDE LT 15 UG/L ENV. ENG.  
 0 BROMOMETHANE LT 30 UG/L ENV. ENG.  
 0 CHLOROMETHANE LT 30 UG/L ENV. ENG.  
 0 CHLORIDE 3800 UG/L ENV. ENG.  
 0 CHLOROBENZENE LT 15 UG/L ENV. ENG.  
 0 CHROMIUM LT 4 UG/L ENV. ENG.  
 0 CHLOROETHENE LT 30 UG/L ENV. ENG.  
 0 CHLOROETHANE LT 30 UG/L ENV. ENG.  
 0 BENZENE LT 15 UG/L ENV. ENG.  
 0 DIBROMOCHLOROMETHANE LT 15 UG/L ENV. ENG.  
 0 ENDRIEN LT 0.10 UG/L ENV. ENG.  
 0 ETHYLBENZENE LT 15 UG/L ENV. ENG.  
 0 FLUORIDE 290 UG/L ENV. ENG.  
 0 IRON 40 UG/L ENV. ENG.  
 2 MERCURY 1.82 UG/L ENV. ENG.  
 0 POTASSIUM 3270 UG/L ENV. ENG.  
 0 LINDANE LT 0.05 UG/L ENV. ENG.  
 0 TOLUENE LT 15 UG/L ENV. ENG.  
 0 METHOXYCHLOR LT 0.50 UG/L ENV. ENG.  
 1 MAGNESIUM 7550 UG/L ENV. ENG.  
 2 MANGANESE 575 UG/L ENV. ENG.  
 1 SODIUM 40500 UG/L ENV. ENG.  
 2 NITRATE AS NITROGEN 43500 UG/L ENV. ENG.  
 0 LEAD LT 6 UG/L ENV. ENG.  
 0 PHENOL LT 6 UG/L ENV. ENG.  
 0 SELENIUM LT 2 UG/L ENV. ENG.  
 1 SILICA 11600 UG/L ENV. ENG.  
 0 SILVEX LT 0.09 UG/L ENV. ENG.  
 0 SULFATE LT 5000 UG/L ENV. ENG.  
 0 1,1,2,2-TETRACHLOROETHANE LT 30 UG/L ENV. ENG.  
 2 TETRACHLOROETHYLENE 38.0 UG/L ENV. ENG.  
 0 TOTAL DISSOLVED SOLIDS 276000 UG/L ENV. ENG.  
 0 TOTAL ORGANIC CARBON LT 1000 UG/L ENV. ENG.  
 2 TOTAL ORGANIC HALOGENS 611 UG/L ENV. ENG.  
 0 TOTAL PHOSPHATES 30 UG/L ENV. ENG.  
 2 TRICHLOROETHYLENE 268 UG/L ENV. ENG.  
 0 TOXAPHENE LT 1 UG/L ENV. ENG.  
 0 TRANS-1,2-DICHLOROETHENE LT 15 UG/L ENV. ENG.  
 0 1,1-DICHLOROETHYLENE LT 15 UG/L ENV. ENG.  
 0 1,1-DICHLOROETHANE LT 15 UG/L ENV. ENG.  
 0 1,1,1-TRICHLOROETHANE LT 15 UG/L ENV. ENG.  
 0 1,1,2-TRICHLOROETHANE LT 15 UG/L ENV. ENG.  
 0 1,2-DICHLOROETHANE LT 3 UG/L ENV. ENG.  
 0 1,2-DICHLOROPROPANE LT 30 UG/L ENV. ENG.  
 0 CIS-1,3-DICHLOROPROPENE LT 15 UG/L ENV. ENG.  
 0 TRANS-1,3-DICHLOROPROPENE LT 15 UG/L ENV. ENG.  
 0 2-CHLOROETHYL VINYL ETHER LT 30 UG/L ENV. ENG.  
 0 2,4-DICHLOROPHENOXACETIC ACID LT 0.30 UG/L ENV. ENG.  
 2 GROSS ALPHA 37.80+-5.04 PCI/L HP, 735A  
 2 GROSS ALPHA 83.70+-9.70 PCI/L RAD. MEAS.  
 1 NONVOLATILE BETA 40.70+-4.49 PCI/L HP, 735A  
 2 NONVOLATILE BETA 68.90+-4.87 PCI/L RAD. MEAS.  
 0 CERIUM 144 0.00+-0.14 PCI/ML HP, 735A  
 0 COBALT 60 0.00+-0.02 PCI/ML HP, 735A  
 0 CHROMIUM 51 0.00+-0.25 PCI/ML HP, 735A  
 0 CESIUM 134 0.00+-0.02 PCI/ML HP, 735A  
 0 CESIUM 137 0.00+-0.02 PCI/ML HP, 735A  
 0 IODINE 131 0.00+-0.12 PCI/ML HP, 735A  
 1 LEAD 214 0.02+-0.01 PCI/ML HP, 735A  
 0 RUTHENIUM 103 0.00+-0.03 PCI/ML HP, 735A  
 CONTINUED

WELL TBG 4 COLLECTED ON 12/27/88 LABORATORY ANALYSES CONTINUED

0 RUTHENIUM 106 0.00+-0.17 PCI/ML HP, 735A  
 0 ANTIMONY 125 0.00+-0.05 PCI/ML HP, 735A  
 2 TOTAL RADIUM 42.60+-3.19 PCI/L RAD. MEAS.  
 0 TRITIUM 3.46+-0.48 PCI/ML HP, 735A  
 0 TRITIUM 1.90+-0.26 PCI/ML RAD. MEAS.  
 0 ZIRCONIUM/NIOBIUM 95 0.00+-0.04 PCI/ML HP, 735A

WELL TBG 5

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/28/88 TIME 1110  
 DEPTH TO WATER = 48.82 FT ( 14.88 M) BELOW THE TOC  
 WATER ELEVATION = 100.59 FT ( 30.66 M) MSL  
 PH = 5.7 ALKALINITY = 3 MG/L  
 SPECIFIC CONDUCTANCE = 93 UMHOS/CM  
 WATER TEMPERATURE = 20.8 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 12 GAL  
 THE WELL WENT DRY DURING PURGING.

LABORATORY ANALYSES

0 SPECIFIC CONDUCTANCE 97.60 UMHOS ENV. ENG.  
 0 PH 5.56 PH ENV. ENG.  
 0 SILVER LT 2 UG/L ENV. ENG.  
 0 ARSENIC LT 2 UG/L ENV. ENG.  
 0 ARSENIC LT 2 UG/L ENV. ENG.  
 0 BARIUM 25 UG/L ENV. ENG.  
 0 BARIUM 23 UG/L ENV. ENG.  
 0 BROMODICHLOROMETHANE LT 50 UG/L ENV. ENG.  
 0 CALCIUM 6200 UG/L ENV. ENG.  
 0 TRICHLOROFLUOROMETHANE LT 50 UG/L ENV. ENG.  
 0 CARBON TETRACHLORIDE LT 50.0 UG/L ENV. ENG.  
 0 CADMIUM LT 2 UG/L ENV. ENG.  
 0 CADMIUM LT 2 UG/L ENV. ENG.  
 0 BROMOFORM LT 100 UG/L ENV. ENG.  
 0 CHLOROFORM LT 50 UG/L ENV. ENG.  
 0 METHYLENE CHLORIDE LT 50 UG/L ENV. ENG.  
 0 BROMOMETHANE LT 100 UG/L ENV. ENG.  
 0 CHLOROMETHANE LT 100 UG/L ENV. ENG.  
 0 CHLORIDE 4500 UG/L ENV. ENG.  
 0 CHLOROBENZENE LT 50 UG/L ENV. ENG.  
 0 CHROMIUM LT 4 UG/L ENV. ENG.  
 0 CHROMIUM LT 4 UG/L ENV. ENG.  
 0 CHLOROETHENE LT 100 UG/L ENV. ENG.  
 0 CHLOROETHANE LT 100 UG/L ENV. ENG.  
 0 BENZENE LT 50 UG/L ENV. ENG.  
 0 DIBROMOCHLOROMETHANE LT 50 UG/L ENV. ENG.  
 0 ENDRIEN LT 0.10 UG/L ENV. ENG.  
 0 ETHYLBENZENE LT 50 UG/L ENV. ENG.  
 0 FLUORIDE 140 UG/L ENV. ENG.  
 0 IRON 59 UG/L ENV. ENG.  
 0 MERCURY LT 0.20 UG/L ENV. ENG.  
 0 POTASSIUM 1170 UG/L ENV. ENG.  
 0 POTASSIUM 1240 UG/L ENV. ENG.  
 0 LINDANE LT 0.05 UG/L ENV. ENG.  
 0 TOLUENE LT 50 UG/L ENV. ENG.  
 0 METHOXYCHLOR LT 0.50 UG/L ENV. ENG.  
 0 MAGNESIUM 1220 UG/L ENV. ENG.  
 0 MAGNESIUM 1100 UG/L ENV. ENG.  
 2 MANGANESE 201 UG/L ENV. ENG.  
 2 MANGANESE 180 UG/L ENV. ENG.  
 1 SODIUM 6650 UG/L ENV. ENG.  
 0 NITRATE AS NITROGEN 1790 UG/L ENV. ENG.  
 0 LEAD 6 UG/L ENV. ENG.  
 0 LEAD LT 6 UG/L ENV. ENG.  
 1 PHENOL 8 UG/L ENV. ENG.  
 0 SELENIUM LT 2 UG/L ENV. ENG.  
 0 SELENIUM LT 2 UG/L ENV. ENG.  
 1 SILICA 12200 UG/L ENV. ENG.  
 0 SILVEX LT 0.09 UG/L ENV. ENG.  
 1 SULFATE 21200 UG/L ENV. ENG.  
 0 1,1,2,2-TETRACHLOROETHANE LT 100 UG/L ENV. ENG.  
 0 TETRACHLOROETHYLENE LT 50.0 UG/L ENV. ENG.  
 0 TOTAL DISSOLVED SOLIDS 50000 UG/L ENV. ENG.  
 0 TOTAL ORGANIC CARBON LT 1000 UG/L ENV. ENG.  
 2 TOTAL ORGANIC HALOGENS 1084 UG/L ENV. ENG.  
 0 TOTAL PHOSPHATES 180 UG/L ENV. ENG.  
 2 TRICHLOROETHYLENE 1060 UG/L ENV. ENG.  
 0 TOXAPHENE LT 1 UG/L ENV. ENG.  
 0 TRANS-1,2-DICHLOROETHENE LT 50 UG/L ENV. ENG.  
 0 1,1-DICHLOROETHYLENE LT 50 UG/L ENV. ENG.  
 0 1,1-DICHLOROETHANE LT 50 UG/L ENV. ENG.  
 0 1,1,1-TRICHLOROETHANE LT 50 UG/L ENV. ENG.  
 0 1,1,2-TRICHLOROETHANE LT 50 UG/L ENV. ENG.  
 0 1,2-DICHLOROETHANE LT 10 UG/L ENV. ENG.  
 0 1,2-DICHLOROPROPANE LT 100 UG/L ENV. ENG.  
 0 CIS-1,3-DICHLOROPROPENE LT 50 UG/L ENV. ENG.  
 0 TRANS-1,3-DICHLOROPROPENE LT 50 UG/L ENV. ENG.  
 0 2-CHLOROETHYL VINYL ETHER LT 100 UG/L ENV. ENG.  
 0 2,4-DICHLOROPHENOXACETIC ACID LT 0.30 UG/L ENV. ENG.  
 0 GROSS ALPHA 1.35+-0.40 PCI/L HP, 735A  
 0 GROSS ALPHA 2.80+-0.89 PCI/L HP, 735A  
 0 NONVOLATILE BETA 2.80+-0.89 PCI/L HP, 735A  
 0 CERIUM 144 0.00+-0.14 PCI/ML HP, 735A  
 0 COBALT 60 0.00+-0.02 PCI/ML HP, 735A  
 0 CHROMIUM 51 0.00+-0.23 PCI/ML HP, 735A  
 0 CESIUM 134 0.00+-0.02 PCI/ML HP, 735A  
 0 CESIUM 137 0.00+-0.02 PCI/ML HP, 735A  
 0 IODINE 131 0.00+-0.11 PCI/ML HP, 735A  
 0 RUTHENIUM 103 0.00+-0.02 PCI/ML HP, 735A  
 0 RUTHENIUM 106 0.00+-0.17 PCI/ML HP, 735A  
 0 ANTIMONY 125 0.00+-0.05 PCI/ML HP, 735A  
 0 TOTAL RADIUM 0.55+-0.39 PCI/L RAD. MEAS.  
 0 TRITIUM 5.39+-0.52 PCI/ML HP, 735A  
 0 TRITIUM 3.15+-0.28 PCI/ML RAD. MEAS.  
 0 ZIRCONIUM/NIOBIUM 95 0.00+-0.04 PCI/ML HP, 735A

## WELL TBG 6

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/28/88 TIME 1015  
 DEPTH TO WATER = 47.11 FT ( 14.36 M) BELOW THE TOC  
 WATER ELEVATION = 100.95 FT ( 30.77 M) MSL  
 PH = 4.9 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 230 UMHOS/CM  
 WATER TEMPERATURE = 20.2 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 22 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	224.0 UMHG	ENV. ENG.
0	PH	4.80 PH	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
1	BARIIUM	50 UG/L	ENV. ENG.
0	BROMODICHLOROMETHANE	LT 5 UG/L	ENV. ENG.
1	CALCIUM	13200 UG/L	ENV. ENG.
0	TRICHLOROFLUOROMETHANE	LT 5 UG/L	ENV. ENG.
2	CARBON TETRACHLORIDE	73.0 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	BROMOFORM	LT 10 UG/L	ENV. ENG.
0	CHLOROFORM	LT 5 UG/L	ENV. ENG.
0	METHYLENE CHLORIDE	LT 5 UG/L	ENV. ENG.
0	BROMOMETHANE	LT 10 UG/L	ENV. ENG.
0	CHLOROMETHANE	LT 10 UG/L	ENV. ENG.
0	CHLORIDE	4000 UG/L	ENV. ENG.
0	CHLOROBENZENE	LT 5 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	CHLOROETHENE	LT 10 UG/L	ENV. ENG.
0	CHLOROETHANE	LT 10 UG/L	ENV. ENG.
0	BENZENE	LT 5 UG/L	ENV. ENG.
0	DIBROMOCHLOROMETHANE	LT 5 UG/L	ENV. ENG.
0	ENDRIN	LT 0.10 UG/L	ENV. ENG.
0	ETHYLBENZENE	LT 5 UG/L	ENV. ENG.
0	FLUORIDE	240 UG/L	ENV. ENG.
0	IRON	55 UG/L	ENV. ENG.
0	MERCURY	LT 0.20 UG/L	ENV. ENG.
0	MERCURY	LT 0.20 UG/L	ENV. ENG.
0	POTASSIUM	1710 UG/L	ENV. ENG.
0	LINDANE	LT 0.05 UG/L	ENV. ENG.
0	TOLUENE	LT 5 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT 0.50 UG/L	ENV. ENG.
0	MAGNESIUM	2760 UG/L	ENV. ENG.
2	MANGANESE	76 UG/L	ENV. ENG.
1	SODIUM	19100 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN	21100 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN	21100 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
1	SILICA	12400 UG/L	ENV. ENG.
1	SILICA	12700 UG/L	ENV. ENG.
0	SILVEX	LT 0.09 UG/L	ENV. ENG.
0	SULFATE	LT 5000 UG/L	ENV. ENG.
0	1,1,2,2-TETRACHLOROETHANE	LT 10 UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	LT 5.00 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	84000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
2	TOTAL ORGANIC HALOGENS	238 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	290 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	300 UG/L	ENV. ENG.
2	TRICHLOROETHYLENE	217 UG/L	ENV. ENG.
0	TOXAPHENE	LT 1 UG/L	ENV. ENG.
0	TRANS-1,2-DICHLOROETHENE	LT 5 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT 5 UG/L	ENV. ENG.
0	1,1-DICHLOROETHANE	LT 5 UG/L	ENV. ENG.
0	1,1,1-TRICHLOROETHANE	LT 5 UG/L	ENV. ENG.
0	1,1,2-TRICHLOROETHANE	LT 5 UG/L	ENV. ENG.
0	1,2-DICHLOROETHANE	LT 1 UG/L	ENV. ENG.
0	1,2-DICHLOROPROPANE	LT 10 UG/L	ENV. ENG.
0	CIS-1,3-DICHLOROPROPENE	LT 5 UG/L	ENV. ENG.
0	TRANS-1,3-DICHLOROPROPENE	LT 5 UG/L	ENV. ENG.
0	2-CHLOROETHYL VINYL ETHER	LT 10 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXACETIC ACID	LT 0.30 UG/L	ENV. ENG.
1	GROSS ALPHA	6.77+-1.62 PCI/L	HP, 735A
1	GROSS ALPHA	9.24+-3.37 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	7.10+-1.32 PCI/L	HP, 735A
0	NONVOLATILE BETA	8.20+-2.52 PCI/L	RAD. MEAS.
0	CERIUM 144	0.00+-0.15 PCI/ML	HP, 735A
0	COBALT 60	0.00+-0.02 PCI/ML	HP, 735A
0	CHROMIUM 51	0.00+-0.25 PCI/ML	HP, 735A
0	CESIUM 134	0.00+-0.02 PCI/ML	HP, 735A
0	CESIUM 137	0.00+-0.02 PCI/ML	HP, 735A
0	IODINE 131	0.00+-0.12 PCI/ML	HP, 735A
0	RUTHENIUM 103	0.00+-0.03 PCI/ML	HP, 735A
0	RUTHENIUM 106	0.00+-0.17 PCI/ML	HP, 735A
0	ANTHONY 125	0.00+-0.05 PCI/ML	HP, 735A
2	TOTAL RADIUM	7.65+-1.40 PCI/L	RAD. MEAS.
0	TRITIUM	5.64+-0.52 PCI/ML	HP, 735A
0	TRITIUM	2.66+-0.27 PCI/ML	RAD. MEAS.
0	ZIRCONIUM/NIOBIUM 95	0.00+-0.03 PCI/ML	HP, 735A

## WELL TBG 7

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/27/88 TIME 1320  
 DEPTH TO WATER = 44.01 FT ( 13.41 M) BELOW THE TOC  
 WATER ELEVATION = 102.75 FT ( 31.32 M) MSL  
 PH = 6.0 ALKALINITY = 9 MG/L  
 SPECIFIC CONDUCTANCE = 56 UMHOS/CM  
 WATER TEMPERATURE = 20.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 48 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	61.40 UMHG	ENV. ENG.
0	PH	6.00 PH	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
0	BARIIUM	13 UG/L	ENV. ENG.
0	BROMODICHLOROMETHANE	LT 5 UG/L	ENV. ENG.
0	CALCIUM	5810 UG/L	ENV. ENG.
0	TRICHLOROFLUOROMETHANE	LT 5 UG/L	ENV. ENG.
0	CARBON TETRACHLORIDE	LT 5.00 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	BROMOFORM	LT 10 UG/L	ENV. ENG.
0	CHLOROFORM	LT 5 UG/L	ENV. ENG.
0	METHYLENE CHLORIDE	LT 5 UG/L	ENV. ENG.
0	BROMOMETHANE	LT 10 UG/L	ENV. ENG.
0	CHLOROMETHANE	LT 10 UG/L	ENV. ENG.
0	CHLORIDE	3100 UG/L	ENV. ENG.
0	CHLOROBENZENE	LT 5 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	CHLOROETHENE	LT 10 UG/L	ENV. ENG.
0	CHLOROETHANE	LT 10 UG/L	ENV. ENG.
0	BENZENE	LT 5 UG/L	ENV. ENG.
0	DIBROMOCHLOROMETHANE	LT 5 UG/L	ENV. ENG.
0	ENDRIN	LT 0.10 UG/L	ENV. ENG.
0	ETHYLBENZENE	LT 5 UG/L	ENV. ENG.
0	FLUORIDE	100 UG/L	ENV. ENG.
0	IRON	100 UG/L	ENV. ENG.
0	MERCURY	LT 0.20 UG/L	ENV. ENG.
0	POTASSIUM	1000 UG/L	ENV. ENG.
0	LINDANE	LT 0.05 UG/L	ENV. ENG.
0	TOLUENE	LT 5 UG/L	ENV. ENG.
0	METHOXYCHLOR	LT 0.50 UG/L	ENV. ENG.
0	MAGNESIUM	568 UG/L	ENV. ENG.
0	MANGANESE	24 UG/L	ENV. ENG.
0	SODIUM	3490 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	1250 UG/L	ENV. ENG.
0	LEAD	LT 6 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
1	SILICA	8500 UG/L	ENV. ENG.
0	SILVEX	LT 0.09 UG/L	ENV. ENG.
0	SULFATE	LT 5000 UG/L	ENV. ENG.
0	1,1,2,2-TETRACHLOROETHANE	LT 10 UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	LT 5.00 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	40000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
2	TOTAL ORGANIC HALOGENS	81 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	60 UG/L	ENV. ENG.
0	TRICHLOROETHYLENE	LT 5.00 UG/L	ENV. ENG.
0	TOXAPHENE	LT 1 UG/L	ENV. ENG.
0	TRANS-1,2-DICHLOROETHENE	LT 5 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT 5 UG/L	ENV. ENG.
0	1,1-DICHLOROETHANE	LT 5 UG/L	ENV. ENG.
0	1,1,1-TRICHLOROETHANE	LT 5 UG/L	ENV. ENG.
0	1,1,2-TRICHLOROETHANE	LT 5 UG/L	ENV. ENG.
0	1,2-DICHLOROETHANE	LT 1 UG/L	ENV. ENG.
0	1,2-DICHLOROPROPANE	LT 10 UG/L	ENV. ENG.
0	CIS-1,3-DICHLOROPROPENE	LT 5 UG/L	ENV. ENG.
0	TRANS-1,3-DICHLOROPROPENE	LT 5 UG/L	ENV. ENG.
0	2-CHLOROETHYL VINYL ETHER	LT 10 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXACETIC ACID	LT 0.30 UG/L	ENV. ENG.
0	GROSS ALPHA	1.23+-0.55 PCI/L	HP, 735A
0	GROSS ALPHA	1.21+-1.09 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	1.88+-0.79 PCI/L	HP, 735A
0	NONVOLATILE BETA	1.38+-0.96 PCI/L	RAD. MEAS.
0	CERIUM 144	0.00+-0.14 PCI/ML	HP, 735A
0	COBALT 60	0.00+-0.02 PCI/ML	HP, 735A
0	CHROMIUM 51	0.00+-0.24 PCI/ML	HP, 735A
0	CESIUM 134	0.00+-0.02 PCI/ML	HP, 735A
0	CESIUM 137	0.00+-0.02 PCI/ML	HP, 735A
0	IODINE 131	0.00+-0.11 PCI/ML	HP, 735A
0	RUTHENIUM 103	0.00+-0.02 PCI/ML	HP, 735A
0	RUTHENIUM 106	0.00+-0.15 PCI/ML	HP, 735A
0	ANTHONY 125	0.00+-0.05 PCI/ML	HP, 735A
0	TRITIUM	1.05+-0.63 PCI/L	RAD. MEAS.
0	TRITIUM	3.38+-0.48 PCI/ML	HP, 735A
0	TRITIUM	1.96+-0.26 PCI/ML	RAD. MEAS.
0	ZIRCONIUM/NIOBIUM 95	0.00+-0.04 PCI/ML	HP, 735A

WELL XSB 10

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/12/88 TIME 1135  
 DEPTH TO WATER = 57.51 FT ( 17.53 M) BELOW THE TOC  
 WATER ELEVATION = 98.47 FT ( 30.01 M) MSL  
 PH = 5.4 ALKALINITY = 4 MG/L  
 SPECIFIC CONDUCTANCE = 101 UMHOS/CM  
 WATER TEMPERATURE = 20.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 256 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	104.0 UMHC	ENV. ENG.
0	SPECIFIC CONDUCTANCE	98.60 UMHC	ENV. ENG.
0	PH	4.93 PH	ENV. ENG.
0	PH	5.24 PH	ENV. ENG.
0	SILVER	2 UG/L	ENV. ENG.
0	ARSENIC	2 UG/L	ENV. ENG.
0	ARSENIC	2 UG/L	ENV. ENG.
0	BARIUM	33 UG/L	ENV. ENG.
0	BROMODICHLOROMETHANE	50 UG/L	ENV. ENG.
0	CALCIUM	3720 UG/L	ENV. ENG.
0	TRICHLOROFLUOROMETHANE	50 UG/L	ENV. ENG.
2	CARBON TETRACHLORIDE	57.0 UG/L	ENV. ENG.
0	CADMIUM	2 UG/L	ENV. ENG.
0	BROMOFORM	100 UG/L	ENV. ENG.
0	CHLOROFORM	50 UG/L	ENV. ENG.
0	METHYLENE CHLORIDE	50 UG/L	ENV. ENG.
0	BROMOMETHANE	100 UG/L	ENV. ENG.
0	CHLOROMETHANE	100 UG/L	ENV. ENG.
0	CHLORIDE	4200 UG/L	ENV. ENG.
0	CHLORIDE	4200 UG/L	ENV. ENG.
0	CHLOROBENZENE	50 UG/L	ENV. ENG.
0	CHLOROETHENE	100 UG/L	ENV. ENG.
0	CHLOROETHANE	100 UG/L	ENV. ENG.
0	BENZENE	50 UG/L	ENV. ENG.
0	DIBROMOCHLOROMETHANE	50 UG/L	ENV. ENG.
0	ENDRIN	0.10 UG/L	ENV. ENG.
0	ETHYLBENZENE	50 UG/L	ENV. ENG.
0	FLUORIDE	100 UG/L	ENV. ENG.
0	FLUORIDE	100 UG/L	ENV. ENG.
0	IRON	31 UG/L	ENV. ENG.
0	MERCURY	0.20 UG/L	ENV. ENG.
0	MERCURY	0.20 UG/L	ENV. ENG.
0	POTASSIUM	1510 UG/L	ENV. ENG.
0	LINDANE	0.05 UG/L	ENV. ENG.
0	TOLUENE	50 UG/L	ENV. ENG.
0	METHOXYCHLOR	0.50 UG/L	ENV. ENG.
0	MAGNESIUM	925 UG/L	ENV. ENG.
2	MANGANESE	58 UG/L	ENV. ENG.
1	SODIUM	7340 UG/L	ENV. ENG.
1	NITRATE AS NITROGEN	7350 UG/L	ENV. ENG.
1	NITRATE AS NITROGEN	7220 UG/L	ENV. ENG.
0	LEAD	11 UG/L	ENV. ENG.
0	PHENOL	5 UG/L	ENV. ENG.
0	PHENOL	5 UG/L	ENV. ENG.
0	SELENIUM	2 UG/L	ENV. ENG.
0	SELENIUM	2 UG/L	ENV. ENG.
1	SILICA	10100 UG/L	ENV. ENG.
0	SILVEX	0.09 UG/L	ENV. ENG.
0	SULFATE	5000 UG/L	ENV. ENG.
0	SULFATE	5000 UG/L	ENV. ENG.
0	1,1,2,2-TETRACHLOROETHANE	100 UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	50.0 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	66000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	650 UG/L	ENV. ENG.
2	TOTAL PHOSPHATES	20 UG/L	ENV. ENG.
2	TRICHLOROETHYLENE	782 UG/L	ENV. ENG.
0	TOXAPHENE	1 UG/L	ENV. ENG.
1	TRANS-1,2-DICHLOROETHENE	255 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	50 UG/L	ENV. ENG.
0	1,1-DICHLOROETHANE	50 UG/L	ENV. ENG.
0	1,1,1-TRICHLOROETHANE	50 UG/L	ENV. ENG.
0	1,1,2-TRICHLOROETHANE	50 UG/L	ENV. ENG.
0	1,2-DICHLOROETHANE	10 UG/L	ENV. ENG.
0	1,2-DICHLOROPROPANE	100 UG/L	ENV. ENG.
0	CIS-1,3-DICHLOROPROPENE	50 UG/L	ENV. ENG.
0	TRANS-1,3-DICHLOROPROPENE	50 UG/L	ENV. ENG.
0	2-CHLOROETHYL VINYL ETHER	100 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXACETIC ACID	0.30 UG/L	ENV. ENG.
0	GROSS ALPHA	1.60+-0.84 PCI/L	HP, 735A
0	GROSS ALPHA	1.52+-1.23 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	1.54+-0.96 PCI/L	HP, 735A
0	NONVOLATILE BETA	2.64+-0.77 PCI/L	RAD. MEAS.
0	CERIUM 144	0.00+-0.11 PCI/ML	HP, 735A
0	COBALT 60	0.00+-0.02 PCI/ML	HP, 735A
0	CHROMIUM 51	0.00+-0.25 PCI/ML	HP, 735A
0	CESIUM 134	0.00+-0.01 PCI/ML	HP, 735A
0	CESIUM 137	0.00+-0.02 PCI/ML	HP, 735A
0	IODINE 131	0.00+-0.20 PCI/ML	HP, 735A
0	RUTHENIUM 103	0.00+-0.02 PCI/ML	HP, 735A
0	RUTHENIUM 106	0.00+-0.14 PCI/ML	HP, 735A
0	ANTIMONY 125	0.00+-0.05 PCI/ML	HP, 735A
0	TOTAL RADIUM	0.70+-0.63 PCI/L	RAD. MEAS.
0	TRITIUM	5.47+-0.55 PCI/ML	HP, 735A
0	TRITIUM	2.64+-0.27 PCI/ML	RAD. MEAS.
0	ZIRCONIUM/NIOBIUM 95	0.00+-0.03 PCI/ML	HP, 735A

WELL XSB 20

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/12/88 TIME 1450  
 DEPTH TO WATER = 57.55 FT ( 17.54 M) BELOW THE TOC  
 WATER ELEVATION = 97.24 FT ( 29.64 M) MSL  
 PH = 9.8 ALKALINITY = 71 MG/L  
 SPECIFIC CONDUCTANCE = 220 UMHOS/CM  
 WATER TEMPERATURE = 17.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 9 GAL  
 THE WELL WENT DRY DURING PURGING.

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	193.0 UMHC	ENV. ENG.
2	PH	9.52 PH	ENV. ENG.
0	SILVER	2 UG/L	ENV. ENG.
0	SILVER	2 UG/L	ENV. ENG.
0	ARSENIC	4 UG/L	ENV. ENG.
0	BARIUM	40 UG/L	ENV. ENG.
0	BROMODICHLOROMETHANE	5 UG/L	ENV. ENG.
1	CALCIUM	15200 UG/L	ENV. ENG.
0	TRICHLOROFLUOROMETHANE	5 UG/L	ENV. ENG.
2	CARBON TETRACHLORIDE	7.00 UG/L	ENV. ENG.
0	CADMIUM	2 UG/L	ENV. ENG.
0	BROMOFORM	10 UG/L	ENV. ENG.
0	CHLOROFORM	5 UG/L	ENV. ENG.
0	METHYLENE CHLORIDE	5 UG/L	ENV. ENG.
0	BROMOMETHANE	10 UG/L	ENV. ENG.
0	CHLOROMETHANE	10 UG/L	ENV. ENG.
0	CHLORIDE	4800 UG/L	ENV. ENG.
0	CHLOROBENZENE	5 UG/L	ENV. ENG.
1	CHROMIUM	7 UG/L	ENV. ENG.
0	CHLOROETHENE	10 UG/L	ENV. ENG.
0	CHLOROETHANE	10 UG/L	ENV. ENG.
0	BENZENE	5 UG/L	ENV. ENG.
0	DIBROMOCHLOROMETHANE	5 UG/L	ENV. ENG.
0	ENDRIN	0.10 UG/L	ENV. ENG.
0	ETHYLBENZENE	5 UG/L	ENV. ENG.
0	FLUORIDE	140 UG/L	ENV. ENG.
0	IRON	20 UG/L	ENV. ENG.
0	MERCURY	0.20 UG/L	ENV. ENG.
1	POTASSIUM	6340 UG/L	ENV. ENG.
0	LINDANE	0.05 UG/L	ENV. ENG.
1	TOLUENE	6 UG/L	ENV. ENG.
0	METHOXYCHLOR	0.50 UG/L	ENV. ENG.
0	MAGNESIUM	125 UG/L	ENV. ENG.
0	MANGANESE	2 UG/L	ENV. ENG.
1	SODIUM	21700 UG/L	ENV. ENG.
1	NITRATE AS NITROGEN	3990 UG/L	ENV. ENG.
0	LEAD	6 UG/L	ENV. ENG.
1	PHENOL	13 UG/L	ENV. ENG.
0	SELENIUM	2 UG/L	ENV. ENG.
1	SILICA	8900 UG/L	ENV. ENG.
0	SILVEX	0.09 UG/L	ENV. ENG.
1	SULFATE	10900 UG/L	ENV. ENG.
0	1,1,2,2-TETRACHLOROETHANE	10 UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	5.00 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	116000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1200 UG/L	ENV. ENG.
2	TOTAL ORGANIC HALOGENS	132 UG/L	ENV. ENG.
1	TOTAL PHOSPHATES	320 UG/L	ENV. ENG.
2	TRICHLOROETHYLENE	154 UG/L	ENV. ENG.
0	TOXAPHENE	1 UG/L	ENV. ENG.
1	TRANS-1,2-DICHLOROETHENE	41 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	5 UG/L	ENV. ENG.
0	1,1-DICHLOROETHANE	5 UG/L	ENV. ENG.
0	1,1,1-TRICHLOROETHANE	5 UG/L	ENV. ENG.
0	1,1,2-TRICHLOROETHANE	5 UG/L	ENV. ENG.
0	1,2-DICHLOROETHANE	1 UG/L	ENV. ENG.
0	1,2-DICHLOROPROPANE	10 UG/L	ENV. ENG.
0	CIS-1,3-DICHLOROPROPENE	5 UG/L	ENV. ENG.
0	TRANS-1,3-DICHLOROPROPENE	5 UG/L	ENV. ENG.
0	2-CHLOROETHYL VINYL ETHER	10 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXACETIC ACID	0.30 UG/L	ENV. ENG.
0	GROSS ALPHA	1.95+-1.34 PCI/L	HP, 735A
0	GROSS ALPHA	3 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	5.84+-1.69 PCI/L	HP, 735A
0	NONVOLATILE BETA	7.79+-1.59 PCI/L	RAD. MEAS.
0	CERIUM 144	0.00+-0.12 PCI/ML	HP, 735A
0	COBALT 60	0.00+-0.02 PCI/ML	HP, 735A
0	CHROMIUM 51	0.00+-0.32 PCI/ML	HP, 735A
0	CESIUM 134	0.00+-0.02 PCI/ML	HP, 735A
0	CESIUM 137	0.00+-0.02 PCI/ML	HP, 735A
0	IODINE 131	0.00+-0.40 PCI/ML	HP, 735A
0	RUTHENIUM 103	0.00+-0.03 PCI/ML	HP, 735A
0	RUTHENIUM 106	0.00+-0.15 PCI/ML	HP, 735A
0	ANTIMONY 125	0.00+-0.04 PCI/ML	HP, 735A
0	TOTAL RADIUM	1.52+-0.76 PCI/L	RAD. MEAS.
0	TRITIUM	4.67+-0.54 PCI/ML	HP, 735A
0	TRITIUM	2.07+-0.27 PCI/ML	RAD. MEAS.
0	ZIRCONIUM/NIOBIUM 95	0.00+-0.04 PCI/ML	HP, 735A

## WELL XSB 3A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/12/88 TIME 1220  
 DEPTH TO WATER = 58.80 FT ( 17.92 M) BELOW THE TOC  
 WATER ELEVATION = 98.60 FT ( 30.05 M) MSL  
 PH = 5.5 ALKALINITY = 1 MG/L  
 SPECIFIC CONDUCTANCE = 135 UMHOS/CM  
 WATER TEMPERATURE = 19.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 100 GAL

## WELL XSB 40

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/12/88 TIME 1325  
 DEPTH TO WATER = 57.78 FT ( 17.61 M) BELOW THE TOC  
 WATER ELEVATION = 97.14 FT ( 29.61 M) MSL  
 PH = 5.1 ALKALINITY = 2 MG/L  
 SPECIFIC CONDUCTANCE = 138 UMHOS/CM  
 WATER TEMPERATURE = 19.5 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 253 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	119.0 UMHC	ENV. ENG.
0	PH	5.00 PH	ENV. ENG.
0	SILVER	2 UG/L	ENV. ENG.
0	ARSENIC	2 UG/L	ENV. ENG.
0	BARIUM	41 UG/L	ENV. ENG.
0	BROMODICHLOROMETHANE	5 UG/L	ENV. ENG.
0	CALCIUM	4570 UG/L	ENV. ENG.
0	TRICHLOROFLUOROMETHANE	5 UG/L	ENV. ENG.
0	CARBON TETRACHLORIDE	5.00 UG/L	ENV. ENG.
0	CADMIUM	2 UG/L	ENV. ENG.
0	BROMOFORM	10 UG/L	ENV. ENG.
0	CHLOROFORM	5 UG/L	ENV. ENG.
0	METHYLENE CHLORIDE	5 UG/L	ENV. ENG.
0	BROMOMETHANE	10 UG/L	ENV. ENG.
0	CHLOROMETHANE	10 UG/L	ENV. ENG.
0	CHLORIDE	6400 UG/L	ENV. ENG.
0	CHLOROBENZENE	5 UG/L	ENV. ENG.
0	CHROMIUM	4 UG/L	ENV. ENG.
0	CHROMIUM	4 UG/L	ENV. ENG.
0	CHLOROETHENE	10 UG/L	ENV. ENG.
0	CHLOROETHANE	10 UG/L	ENV. ENG.
0	BENZENE	5 UG/L	ENV. ENG.
0	DIBROMOCHLOROMETHANE	5 UG/L	ENV. ENG.
0	ENDRIN	0.10 UG/L	ENV. ENG.
0	ENDRIN	0.10 UG/L	ENV. ENG.
0	ETHYLBENZENE	5 UG/L	ENV. ENG.
0	FLUORIDE	100 UG/L	ENV. ENG.
0	IRON	20 UG/L	ENV. ENG.
0	IRON	20 UG/L	ENV. ENG.
0	MERCURY	0.20 UG/L	ENV. ENG.
0	POTASSIUM	1260 UG/L	ENV. ENG.
0	LINDANE	0.05 UG/L	ENV. ENG.
0	LINDANE	0.05 UG/L	ENV. ENG.
0	TOLUENE	5 UG/L	ENV. ENG.
0	METHOXYCHLOR	0.50 UG/L	ENV. ENG.
0	METHOXYCHLOR	0.50 UG/L	ENV. ENG.
0	MAGNESIUM	1180 UG/L	ENV. ENG.
2	MANGANESE	153 UG/L	ENV. ENG.
1	SODIUM	17100 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN	12600 UG/L	ENV. ENG.
0	LEAD	6 UG/L	ENV. ENG.
0	LEAD	6 UG/L	ENV. ENG.
0	PHENOL	5 UG/L	ENV. ENG.
0	SELENIUM	2 UG/L	ENV. ENG.
1	SILICA	9360 UG/L	ENV. ENG.
0	SILVEX	0.09 UG/L	ENV. ENG.
0	SILVEX	0.09 UG/L	ENV. ENG.
0	SULFATE	5000 UG/L	ENV. ENG.
0	1,1,2,2-TETRACHLOROETHANE	10 UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	5.00 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	90000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
2	TOTAL ORGANIC HALOGENS	30 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	30 UG/L	ENV. ENG.
2	TRICHLOROETHYLENE	40.0 UG/L	ENV. ENG.
0	TOXAPHENE	1 UG/L	ENV. ENG.
0	TOXAPHENE	1 UG/L	ENV. ENG.
0	TRANS-1,2-DICHLOROETHENE	5 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	5 UG/L	ENV. ENG.
0	1,1-DICHLOROETHANE	5 UG/L	ENV. ENG.
0	1,1,1-TRICHLOROETHANE	5 UG/L	ENV. ENG.
0	1,1,2-TRICHLOROETHANE	5 UG/L	ENV. ENG.
0	1,2-DICHLOROETHANE	1 UG/L	ENV. ENG.
0	1,2-DICHLOROPROPANE	10 UG/L	ENV. ENG.
0	CIS-1,3-DICHLOROPROPENE	5 UG/L	ENV. ENG.
0	TRANS-1,3-DICHLOROPROPENE	5 UG/L	ENV. ENG.
0	2-CHLOROETHYL VINYL ETHER	10 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	0.30 UG/L	ENV. ENG.
0	2,4-DICHLOROPHENOXYACETIC ACID	0.30 UG/L	ENV. ENG.
0	GROSS ALPHA	1.52+-0.97 PCI/L	HP, 735A
0	GROSS ALPHA	2.61+-1.46 PCI/L	RAD. MEAS.
0	GROSS ALPHA	3 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	3.63+-1.33 PCI/L	HP, 735A
0	NONVOLATILE BETA	3.68+-1.01 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	3.07+-0.98 PCI/L	RAD. MEAS.
0	CERIUM 144	0.00+-0.12 PCI/ML	HP, 735A
0	COBALT 60	0.00+-0.02 PCI/ML	HP, 735A
0	CHROMIUM 51	0.00+-0.32 PCI/ML	HP, 735A

CONTINUED

## WELL XSB 40 COLLECTED ON 12/12/88 LABORATORY ANALYSES CONTINUED

0	CESIUM 134	0.00+-0.02 PCI/ML	HP, 735A
0	CESIUM 137	0.00+-0.02 PCI/ML	HP, 735A
0	IODINE 131	0.00+-0.41 PCI/ML	HP, 735A
0	RUTHENIUM 103	0.00+-0.03 PCI/ML	HP, 735A
0	RUTHENIUM 106	0.00+-0.15 PCI/ML	HP, 735A
0	ANTIMONY 125	0.00+-0.04 PCI/ML	HP, 735A
0	TOTAL RADIUM	0.72+-0.60 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	0.78+-0.61 PCI/L	RAD. MEAS.
0	TRITIUM	3.81+-0.52 PCI/ML	HP, 735A
0	TRITIUM	1.36+-0.25 PCI/ML	RAD. MEAS.
0	TRITIUM	1.75+-0.26 PCI/ML	RAD. MEAS.
0	ZIRCONIUM/NIOBIUM 95	0.00+-0.04 PCI/ML	HP, 735A

## WELL XSB 5A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/12/88 TIME 1405  
 DEPTH TO WATER = 15.60 FT ( 4.75 M) BELOW THE TOC  
 WATER ELEVATION = 97.90 FT ( 29.84 M) MSL  
 PH = 4.5 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 310 UMHOS/CM  
 WATER TEMPERATURE = 16.7 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 48 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE	265.0 UMHC	ENV. ENG.
0	PH	4.30 PH	ENV. ENG.
0	SILVER	2 UG/L	ENV. ENG.
0	ARSENIC	2 UG/L	ENV. ENG.
0	ARSENIC	2 UG/L	ENV. ENG.
0	BARIUM	44 UG/L	ENV. ENG.
0	BROMODICHLOROMETHANE	5 UG/L	ENV. ENG.
0	TRICHLOROFLUOROMETHANE	5 UG/L	ENV. ENG.
0	CARBON TETRACHLORIDE	5.00 UG/L	ENV. ENG.
0	CADMIUM	2 UG/L	ENV. ENG.
0	BROMOFORM	10 UG/L	ENV. ENG.
0	CHLOROFORM	5 UG/L	ENV. ENG.
0	METHYLENE CHLORIDE	5 UG/L	ENV. ENG.
0	BROMOMETHANE	10 UG/L	ENV. ENG.
0	CHLOROMETHANE	10 UG/L	ENV. ENG.
0	CHLORIDE	5400 UG/L	ENV. ENG.
0	CHLOROBENZENE	5 UG/L	ENV. ENG.
0	CHROMIUM	4 UG/L	ENV. ENG.
0	CHLOROETHENE	10 UG/L	ENV. ENG.
0	CHLOROETHANE	10 UG/L	ENV. ENG.
0	BENZENE	5 UG/L	ENV. ENG.
0	DIBROMOCHLOROMETHANE	5 UG/L	ENV. ENG.
0	ETHYLBENZENE	5 UG/L	ENV. ENG.
0	FLUORIDE	100 UG/L	ENV. ENG.
0	IRON	20 UG/L	ENV. ENG.
0	IRON	20 UG/L	ENV. ENG.
1	MERCURY	0.93 UG/L	ENV. ENG.
0	TOLUENE	5 UG/L	ENV. ENG.
0	MANGANESE	20 UG/L	ENV. ENG.
0	MANGANESE	20 UG/L	ENV. ENG.
1	SODIUM	40200 UG/L	ENV. ENG.
1	SODIUM	40800 UG/L	ENV. ENG.
2	NITRATE AS NITROGEN	31900 UG/L	ENV. ENG.
2	LEAD	35 UG/L	ENV. ENG.
0	PHENOL	5 UG/L	ENV. ENG.
0	PHENOL	5 UG/L	ENV. ENG.
0	SELENIUM	2 UG/L	ENV. ENG.
0	SELENIUM	2 UG/L	ENV. ENG.
0	SULFATE	5000 UG/L	ENV. ENG.
0	1,1,2,2-TETRACHLOROETHANE	10 UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	5.00 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	1000 UG/L	ENV. ENG.
2	TRICHLOROETHYLENE	48 UG/L	ENV. ENG.
2	TRICHLOROETHYLENE	63.0 UG/L	ENV. ENG.
0	TRANS-1,2-DICHLOROETHENE	5 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	5 UG/L	ENV. ENG.
0	1,1-DICHLOROETHANE	5 UG/L	ENV. ENG.
0	1,1,1-TRICHLOROETHANE	5 UG/L	ENV. ENG.
0	1,1,2-TRICHLOROETHANE	5 UG/L	ENV. ENG.
0	1,2-DICHLOROETHANE	1 UG/L	ENV. ENG.
0	1,2-DICHLOROPROPANE	10 UG/L	ENV. ENG.
0	CIS-1,3-DICHLOROPROPENE	5 UG/L	ENV. ENG.
0	TRANS-1,3-DICHLOROPROPENE	5 UG/L	ENV. ENG.
0	2-CHLOROETHYL VINYL ETHER	10 UG/L	ENV. ENG.
1	GROSS ALPHA	6.96+-2.12 PCI/L	RAD. MEAS.
1	GROSS ALPHA	8.83+-2.44 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	8.97+-1.67 PCI/L	RAD. MEAS.
1	NONVOLATILE BETA	10.40+-1.75 PCI/L	RAD. MEAS.
0	CERIUM 144	0.00+-0.11 PCI/ML	HP, 735A
0	COBALT 60	0.00+-0.02 PCI/ML	HP, 735A
0	CHROMIUM 51	0.00+-0.26 PCI/ML	HP, 735A
0	CESIUM 134	0.00+-0.01 PCI/ML	HP, 735A
0	CESIUM 137	0.00+-0.01 PCI/ML	HP, 735A
0	IODINE 131	0.00+-0.19 PCI/ML	HP, 735A
0	RUTHENIUM 103	0.01+-0.01 PCI/ML	HP, 735A
1	RUTHENIUM 106	0.06+-0.05 PCI/ML	HP, 735A
0	ANTIMONY 125	0.00+-0.04 PCI/ML	HP, 735A
1	TOTAL RADIUM	4.78+-1.04 PCI/L	RAD. MEAS.
1	TOTAL RADIUM	4.81+-1.06 PCI/L	RAD. MEAS.
0	TRITIUM	3.45+-0.29 PCI/ML	RAD. MEAS.
0	TRITIUM	3.24+-0.28 PCI/ML	RAD. MEAS.
0	ZIRCONIUM/NIOBIUM 95	0.00+-0.04 PCI/ML	HP, 735A



## WELL YSB 1A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/26/88 TIME 1245  
 DEPTH TO WATER = 29.32 FT ( 8.94 M) BELOW THE TOC  
 WATER ELEVATION = 116.18 FT ( 35.41 M) MSL  
 PH = 5.7 ALKALINITY = 7 MG/L  
 SPECIFIC CONDUCTANCE = 40 UMHO/CM  
 WATER TEMPERATURE = 21.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 46 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		43.70 UMHC	ENV. ENG.
0	PH		5.68 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		10 UG/L	ENV. ENG.
0	BARIUM		10 UG/L	ENV. ENG.
0	BROMODICHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0	TRICHLOROFLUOROMETHANE	LT	5 UG/L	ENV. ENG.
0	CARBON TETRACHLORIDE	LT	5.00 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	BROMOFORM	LT	10 UG/L	ENV. ENG.
0	METHYLENE CHLORIDE	LT	5 UG/L	ENV. ENG.
0	BROMOMETHANE	LT	5 UG/L	ENV. ENG.
0	CHLOROMETHANE	LT	10 UG/L	ENV. ENG.
0	CHLORIDE	LT	10 UG/L	ENV. ENG.
0	CHLOROBENZENE	LT	3700 UG/L	ENV. ENG.
0	CHROMIUM	LT	5 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	CHLOROETHENE	LT	4 UG/L	ENV. ENG.
0	CHLOROETHANE	LT	10 UG/L	ENV. ENG.
0	BENZENE	LT	10 UG/L	ENV. ENG.
0	DIBROMOCHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0	ETHYLBENZENE	LT	5 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	IRON		46 UG/L	ENV. ENG.
0	IRON		48 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	TOLUENE	LT	5 UG/L	ENV. ENG.
0	MANGANESE		4 UG/L	ENV. ENG.
0	MANGANESE		4 UG/L	ENV. ENG.
0	SODIUM		2850 UG/L	ENV. ENG.
0	SODIUM		2940 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		1120 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	1,1,2,2-TETRACHLOROETHANE	LT	10 UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	LT	5.00 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TRICHLOROETHYLENE	LT	5.00 UG/L	ENV. ENG.
0	TRANS-1,2-DICHLOROETHENE	LT	5 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	5 UG/L	ENV. ENG.
0	1,1-DICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,1,1-TRICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,1,2-TRICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,2-DICHLOROETHANE	LT	1 UG/L	ENV. ENG.
0	1,2-DICHLOROPROPANE	LT	10 UG/L	ENV. ENG.
0	CIS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0	TRANS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0	2-CHLOROETHYL VINYL ETHER	LT	10 UG/L	ENV. ENG.
0	GROSS ALPHA	LT	3 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	LT	1.21+-0.79 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT	1 PCI/L	RAD. MEAS.

## WELL YSB 2A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/26/88 TIME 1215  
 DEPTH TO WATER = 27.85 FT ( 8.49 M) BELOW THE TOC  
 WATER ELEVATION = 116.85 FT ( 35.62 M) MSL  
 PH = 5.6 ALKALINITY = 5 MG/L  
 SPECIFIC CONDUCTANCE = 44 UMHO/CM  
 WATER TEMPERATURE = 19.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 50 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		48.20 UMHC	ENV. ENG.
0	PH		5.43 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		11 UG/L	ENV. ENG.
0	BROMODICHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0	TRICHLOROFLUOROMETHANE	LT	5 UG/L	ENV. ENG.
0	CARBON TETRACHLORIDE	LT	5.00 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	BROMOFORM	LT	10 UG/L	ENV. ENG.
0	CHLOROFORM	LT	5 UG/L	ENV. ENG.
0	METHYLENE CHLORIDE	LT	5 UG/L	ENV. ENG.
0	BROMOMETHANE	LT	10 UG/L	ENV. ENG.
0	CHLOROMETHANE	LT	10 UG/L	ENV. ENG.
0	CHLORIDE	LT	4500 UG/L	ENV. ENG.
0	CHLOROBENZENE	LT	5 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	CHLOROETHENE	LT	10 UG/L	ENV. ENG.
0	CHLOROETHANE	LT	10 UG/L	ENV. ENG.
0	BENZENE	LT	5 UG/L	ENV. ENG.

CONTINUED

## WELL YSB 2A COLLECTED ON 12/26/88 LABORATORY ANALYSES CONTINUED

0	DIBROMOCHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0	ETHYLBENZENE	LT	5 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	IRON		68 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	TOLUENE	LT	5 UG/L	ENV. ENG.
0	MANGANESE		3 UG/L	ENV. ENG.
0	SODIUM		4380 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		950 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	1,1,2,2-TETRACHLOROETHANE	LT	10 UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	LT	5.00 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TRICHLOROETHYLENE	LT	5.00 UG/L	ENV. ENG.
0	TRANS-1,2-DICHLOROETHENE	LT	5 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	5 UG/L	ENV. ENG.
0	1,1-DICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,1,1-TRICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,1,2-TRICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,2-DICHLOROETHANE	LT	1 UG/L	ENV. ENG.
0	1,2-DICHLOROPROPANE	LT	10 UG/L	ENV. ENG.
0	CIS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0	TRANS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0	2-CHLOROETHYL VINYL ETHER	LT	10 UG/L	ENV. ENG.
0	GROSS ALPHA	LT	3 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	LT	2.18+-0.82 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT	1 PCI/L	RAD. MEAS.

## WELL YSB 3A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/26/88 TIME 1135  
 DEPTH TO WATER = 27.87 FT ( 8.49 M) BELOW THE TOC  
 WATER ELEVATION = 116.03 FT ( 35.37 M) MSL  
 PH = 6.4 ALKALINITY = 53 MG/L  
 SPECIFIC CONDUCTANCE = 215 UMHO/CM  
 WATER TEMPERATURE = 20.6 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 51 GAL

## LABORATORY ANALYSES

1	SPECIFIC CONDUCTANCE		202.0 UMHC	ENV. ENG.
0	PH		6.26 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		6 UG/L	ENV. ENG.
0	BROMODICHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0	BROMODICHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0	TRICHLOROFLUOROMETHANE	LT	5 UG/L	ENV. ENG.
0	TRICHLOROFLUOROMETHANE	LT	5 UG/L	ENV. ENG.
0	CARBON TETRACHLORIDE	LT	5.00 UG/L	ENV. ENG.
0	CARBON TETRACHLORIDE	LT	5.00 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	BROMOFORM	LT	10 UG/L	ENV. ENG.
0	BROMOFORM	LT	10 UG/L	ENV. ENG.
0	CHLOROFORM	LT	5 UG/L	ENV. ENG.
0	CHLOROFORM	LT	5 UG/L	ENV. ENG.
0	METHYLENE CHLORIDE	LT	5 UG/L	ENV. ENG.
0	METHYLENE CHLORIDE	LT	5 UG/L	ENV. ENG.
0	BROMOMETHANE	LT	10 UG/L	ENV. ENG.
0	BROMOMETHANE	LT	10 UG/L	ENV. ENG.
0	CHLOROMETHANE	LT	10 UG/L	ENV. ENG.
0	CHLOROMETHANE	LT	10 UG/L	ENV. ENG.
0	CHLORIDE	LT	7200 UG/L	ENV. ENG.
0	CHLOROBENZENE	LT	5 UG/L	ENV. ENG.
0	CHLOROBENZENE	LT	5 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	CHLOROETHENE	LT	10 UG/L	ENV. ENG.
0	CHLOROETHENE	LT	10 UG/L	ENV. ENG.
0	CHLOROETHANE	LT	10 UG/L	ENV. ENG.
0	CHLOROETHANE	LT	10 UG/L	ENV. ENG.
0	BENZENE	LT	5 UG/L	ENV. ENG.
0	BENZENE	LT	5 UG/L	ENV. ENG.
0	DIBROMOCHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0	DIBROMOCHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0	ETHYLBENZENE	LT	5 UG/L	ENV. ENG.
0	ETHYLBENZENE	LT	5 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	IRON		48 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	TOLUENE	LT	5 UG/L	ENV. ENG.
0	TOLUENE	LT	5 UG/L	ENV. ENG.
0	MANGANESE		4 UG/L	ENV. ENG.
1	SODIUM		35000 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		5490 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	1,1,2,2-TETRACHLOROETHANE	LT	10 UG/L	ENV. ENG.
0	1,1,2,2-TETRACHLOROETHANE	LT	10 UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	LT	5.00 UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	LT	5.00 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TRICHLOROETHYLENE	LT	5.00 UG/L	ENV. ENG.
0	TRICHLOROETHYLENE	LT	5.00 UG/L	ENV. ENG.
0	TRANS-1,2-DICHLOROETHENE	LT	5 UG/L	ENV. ENG.

CONTINUED

## WELL Y58 3A COLLECTED ON 12/26/88 LABORATORY ANALYSES CONTINUED

0	TRANS-1,2-DICHLOROETHENE	LT	5 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	5 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	5 UG/L	ENV. ENG.
0	1,1-DICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,1-DICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,1,1-TRICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,1,1-TRICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,1,2-TRICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,1,2-TRICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,2-DICHLOROETHANE	LT	1 UG/L	ENV. ENG.
0	1,2-DICHLOROETHANE	LT	1 UG/L	ENV. ENG.
0	1,2-DICHLOROPROPANE	LT	10 UG/L	ENV. ENG.
0	1,2-DICHLOROPROPANE	LT	10 UG/L	ENV. ENG.
0	CIS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0	CIS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0	TRANS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0	TRANS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0	2-CHLOROETHYL VINYL ETHER	LT	10 UG/L	ENV. ENG.
0	2-CHLOROETHYL VINYL ETHER	LT	10 UG/L	ENV. ENG.
0	GROSS ALPHA	1.52+-1.15	PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	2	PCI/L	RAD. MEAS.
0	TOTAL RADIUM	1	PCI/L	RAD. MEAS.

## WELL Y58 4A

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/17/88 TIME 1635  
 DEPTH TO WATER = 28.82 FT ( 8.78 M) BELOW THE TOC  
 WATER ELEVATION = 115.78 FT ( 35.29 M) MSL  
 PH = 5.5 ALKALINITY = 6 MG/L  
 SPECIFIC CONDUCTANCE = 64 UMHOS/CM  
 WATER TEMPERATURE = 19.1 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 47 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	56.00	UMHC	ENM. LAB.
0	SPECIFIC CONDUCTANCE	52.80	UMHC	M. A.
0	SPECIFIC CONDUCTANCE	61.30	UMHC	ENV. ENG.
0	PH	5.40	PH	ENM. LAB.
0	PH	5.50	PH	M. A.
0	PH	5.15	PH	ENV. ENG.
0	ACETONE	LT	10 UG/L	M. A.
0	ACETONE	LT	10 UG/L	M. A.
0	ACETONE	LT	10 UG/L	M. A.
0	SILVER	LT	10 UG/L	ENM. LAB.
0	SILVER	LT	10 UG/L	M. A.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ALUMINUM	LT	200 UG/L	M. A.
0	ARSENIC	LT	10 UG/L	ENM. LAB.
0	ARSENIC	LT	10 UG/L	M. A.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM	LT	100 UG/L	ENM. LAB.
0	BARIUM	LT	200 UG/L	M. A.
0	BARIUM	LT	10 UG/L	ENV. ENG.
0	BARIUM	LT	12 UG/L	ENV. ENG.
0	BERYLLIUM	LT	5 UG/L	M. A.
0	BROMODICHLOROMETHANE	LT	10 UG/L	ENM. LAB.
0	BROMODICHLOROMETHANE	LT	5 UG/L	M. A.
0	BROMODICHLOROMETHANE	LT	5 UG/L	M. A.
0	BROMODICHLOROMETHANE	LT	5 UG/L	M. A.
0	BROMODICHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0	CALCIUM	LT	2100 UG/L	ENM. LAB.
0	CALCIUM	LT	5000 UG/L	M. A.
0	TRICHLOROFLUOROMETHANE	LT	10 UG/L	ENM. LAB.
0	TRICHLOROFLUOROMETHANE	LT	5 UG/L	ENV. ENG.
0	CARBON TETRACHLORIDE	LT	10.0 UG/L	ENM. LAB.
0	CARBON TETRACHLORIDE	LT	5.00 UG/L	M. A.
0	CARBON TETRACHLORIDE	LT	5.00 UG/L	M. A.
0	CARBON TETRACHLORIDE	LT	5.00 UG/L	M. A.
0	CARBON TETRACHLORIDE	LT	5.00 UG/L	ENV. ENG.
0	CADMIUM	LT	10 UG/L	ENM. LAB.
0	CADMIUM	LT	5 UG/L	M. A.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	BROMOFORM	LT	10 UG/L	ENM. LAB.
0	BROMOFORM	LT	5 UG/L	M. A.
0	BROMOFORM	LT	5 UG/L	M. A.
0	BROMOFORM	LT	5 UG/L	M. A.
0	BROMOFORM	LT	10 UG/L	ENV. ENG.
0	CHLOROFORM	LT	10 UG/L	ENM. LAB.
0	CHLOROFORM	LT	5 UG/L	M. A.
0	CHLOROFORM	LT	5 UG/L	M. A.
0	CHLOROFORM	LT	5 UG/L	M. A.
0	CHLOROFORM	LT	5 UG/L	ENV. ENG.
0	METHYLENE CHLORIDE	LT	10 UG/L	ENM. LAB.
0	METHYLENE CHLORIDE	LT	5 UG/L	M. A.
0	METHYLENE CHLORIDE	LT	5 UG/L	M. A.
0	METHYLENE CHLORIDE	LT	5 UG/L	M. A.
0	METHYLENE CHLORIDE	LT	5 UG/L	ENV. ENG.
0	BROMOMETHANE	LT	10 UG/L	ENM. LAB.
0	BROMOMETHANE	LT	10 UG/L	M. A.
0	BROMOMETHANE	LT	10 UG/L	M. A.
0	BROMOMETHANE	LT	10 UG/L	M. A.
0	CHLOROMETHANE	LT	10 UG/L	ENV. ENG.
0	CHLOROMETHANE	LT	10 UG/L	ENM. LAB.
0	CHLOROMETHANE	LT	10 UG/L	M. A.
0	CHLOROMETHANE	LT	10 UG/L	M. A.
0	CHLOROMETHANE	LT	10 UG/L	ENV. ENG.
0	CHLORIDE	7000	UG/L	ENM. LAB.
0	CHLORIDE	6400	UG/L	ENV. ENG.
0	CHLOROBENZENE	LT	10 UG/L	ENM. LAB.
0	CHLOROBENZENE	LT	5 UG/L	M. A.
0	CHLOROBENZENE	LT	5 UG/L	ENV. ENG.

CONTINUED

## WELL Y58 4A COLLECTED ON 12/17/88 LABORATORY ANALYSES CONTINUED

0	COBALT	LT	50 UG/L	M. A.
0	CHROMIUM	LT	50 UG/L	ENM. LAB.
0	CHROMIUM	LT	10 UG/L	M. A.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	CARBON DISULFIDE	LT	5 UG/L	M. A.
0	CARBON DISULFIDE	LT	5 UG/L	M. A.
0	CARBON DISULFIDE	LT	5 UG/L	M. A.
0	COPPER	LT	25 UG/L	M. A.
0	CHLOROETHENE	LT	10 UG/L	ENM. LAB.
0	CHLOROETHENE	LT	10 UG/L	M. A.
0	CHLOROETHENE	LT	10 UG/L	M. A.
0	CHLOROETHENE	LT	10 UG/L	M. A.
0	CHLOROETHENE	LT	10 UG/L	ENV. ENG.
0	CHLOROETHANE	LT	10 UG/L	ENM. LAB.
0	CHLOROETHANE	LT	10 UG/L	M. A.
0	CHLOROETHANE	LT	10 UG/L	M. A.
0	CHLOROETHANE	LT	10 UG/L	M. A.
0	CHLOROETHANE	LT	10 UG/L	ENV. ENG.
0	BENZENE	LT	10 UG/L	ENM. LAB.
0	BENZENE	LT	5 UG/L	M. A.
0	BENZENE	LT	5 UG/L	ENV. ENG.
0	DIBROMOCHLOROMETHANE	LT	10 UG/L	ENM. LAB.
0	DIBROMOCHLOROMETHANE	LT	5 UG/L	M. A.
0	DIBROMOCHLOROMETHANE	LT	5 UG/L	M. A.
0	DIBROMOCHLOROMETHANE	LT	5 UG/L	M. A.
0	DIBROMOCHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0	ETHYLBENZENE	LT	10 UG/L	ENM. LAB.
0	ETHYLBENZENE	LT	5 UG/L	M. A.
0	ETHYLBENZENE	LT	5 UG/L	M. A.
0	ETHYLBENZENE	LT	5 UG/L	M. A.
0	ETHYLBENZENE	LT	5 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENM. LAB.
0	FLUORIDE	LT	100 UG/L	M. A.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	IRON	LT	70 UG/L	ENM. LAB.
0	IRON	LT	130 UG/L	M. A.
0	IRON	LT	96 UG/L	ENV. ENG.
0	IRON	LT	96 UG/L	ENV. ENG.
0	MERCURY	LT	0.50 UG/L	ENM. LAB.
0	MERCURY	LT	0.20 UG/L	M. A.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	POTASSIUM	LT	700 UG/L	ENM. LAB.
0	POTASSIUM	LT	5000 UG/L	M. A.
0	TOLUENE	LT	10 UG/L	ENM. LAB.
0	TOLUENE	LT	5 UG/L	M. A.
0	TOLUENE	LT	5 UG/L	ENV. ENG.
0	METHYLETHYL KETONE	LT	10 UG/L	M. A.
0	METHYLETHYL KETONE	LT	10 UG/L	M. A.
0	METHYLETHYL KETONE	LT	10 UG/L	M. A.
0	MAGNESIUM	LT	550 UG/L	ENM. LAB.
0	MAGNESIUM	LT	5000 UG/L	M. A.
0	MANGANESE	LT	20 UG/L	ENM. LAB.
0	MANGANESE	LT	15 UG/L	M. A.
0	MANGANESE	LT	8 UG/L	ENV. ENG.
0	MANGANESE	LT	9 UG/L	ENV. ENG.
1	SODIUM	8700	UG/L	ENM. LAB.
1	SODIUM	7030	UG/L	M. A.
1	SODIUM	5470	UG/L	ENV. ENG.
1	SODIUM	5710	UG/L	ENV. ENG.
0	NICKEL	LT	40 UG/L	M. A.
0	NITRATE AS NITROGEN	1600	UG/L	ENM. LAB.
0	NITRATE AS NITROGEN	2200	UG/L	M. A.
0	NITRATE AS NITROGEN	1510	UG/L	ENV. ENG.
0	LEAD	LT	100 UG/L	ENM. LAB.
0	LEAD	LT	5 UG/L	M. A.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	50 UG/L	ENM. LAB.
0	PHENOL	LT	5 UG/L	M. A.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	ANTIMONY	LT	60 UG/L	M. A.
0	SELENIUM	LT	10 UG/L	ENM. LAB.
0	SELENIUM	LT	5 UG/L	M. A.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
0	TIN	LT	100 UG/L	M. A.
0	SULFATE	LT	5000 UG/L	ENM. LAB.
0	SULFATE	LT	5000 UG/L	M. A.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	STYRENE	LT	5 UG/L	M. A.
0	STYRENE	LT	5 UG/L	M. A.
0	STYRENE	LT	5 UG/L	M. A.
0	1,1,2,2-TETRACHLOROETHANE	LT	10 UG/L	ENM. LAB.
0	1,1,2,2-TETRACHLOROETHANE	LT	5 UG/L	M. A.
0	1,1,2,2-TETRACHLOROETHANE	LT	5 UG/L	M. A.
0	1,1,2,2-TETRACHLOROETHANE	LT	5 UG/L	M. A.
0	1,1,2,2-TETRACHLOROETHANE	LT	10 UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	LT	10.0 UG/L	ENM. LAB.
0	TETRACHLOROETHYLENE	LT	5.00 UG/L	M. A.
0	TETRACHLOROETHYLENE	LT	5.00 UG/L	M. A.
0	TETRACHLOROETHYLENE	LT	5.00 UG/L	M. A.
0	TETRACHLOROETHYLENE	LT	5.00 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	5000 UG/L	ENM. LAB.
0	TOTAL ORGANIC CARBON	LT	510 UG/L	M. A.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	10 UG/L	ENM. LAB.
0	TOTAL ORGANIC HALOGENS	LT	10 UG/L	M. A.
0	TOTAL ORGANIC HALOGENS	LT	10 UG/L	M. A.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TRICHLOROETHYLENE	LT	10.0 UG/L	ENM. LAB.
0	TRICHLOROETHYLENE	LT	5.00 UG/L	M. A.
0	TRICHLOROETHYLENE	LT	5.00 UG/L	ENV. ENG.
0	TRANS-1,2-DICHLOROETHENE	LT	5 UG/L	M. A.
0	TRANS-1,2-DICHLOROETHENE	LT	5 UG/L	M. A.
0	TRANS-1,2-DICHLOROETHENE	LT	5 UG/L	M. A.
0	TRANS-1,2-DICHLOROETHENE	LT	5 UG/L	ENV. ENG.
0	URANIUM	LT	1000 UG/L	M. A.
0	VINYL ACETATE	LT	10 UG/L	M. A.

CONTINUED

WELL YSB 4A COLLECTED ON 12/17/88 LABORATORY ANALYSES CONTINUED

0	VINYL ACETATE	LT	10 UG/L	M. A.
0	VINYL ACETATE	LT	10 UG/L	M. A.
0	XYLENES	LT	5 UG/L	M. A.
0	XYLENES	LT	5 UG/L	M. A.
0	XYLENES	LT	5 UG/L	M. A.
0	1,1-DICHLOROETHYLENE	LT	10 UG/L	ENM. LAB
0	1,1-DICHLOROETHYLENE	LT	5 UG/L	M. A.
0	1,1-DICHLOROETHYLENE	LT	5 UG/L	ENV. ENG
0	1,1-DICHLOROETHANE	LT	10 UG/L	ENM. LAB
0	1,1-DICHLOROETHANE	LT	5 UG/L	M. A.
0	1,1-DICHLOROETHANE	LT	5 UG/L	M. A.
0	1,1-DICHLOROETHANE	LT	5 UG/L	M. A.
0	1,1,1-TRICHLOROETHANE	LT	10 UG/L	ENV. ENG
0	1,1,1-TRICHLOROETHANE	LT	5 UG/L	ENM. LAB
0	1,1,1-TRICHLOROETHANE	LT	5 UG/L	M. A.
0	1,1,1-TRICHLOROETHANE	LT	5 UG/L	M. A.
0	1,1,1-TRICHLOROETHANE	LT	5 UG/L	ENV. ENG
0	1,1,2-TRICHLOROETHANE	LT	10 UG/L	ENM. LAB
0	1,1,2-TRICHLOROETHANE	LT	5 UG/L	M. A.
0	1,1,2-TRICHLOROETHANE	LT	5 UG/L	M. A.
0	1,1,2-TRICHLOROETHANE	LT	5 UG/L	M. A.
0	1,2-DICHLOROBENZENE	LT	10 UG/L	ENM. LAB
0	1,2-DICHLOROETHANE	LT	10 UG/L	ENM. LAB
0	1,2-DICHLOROETHANE	LT	5 UG/L	M. A.
0	1,2-DICHLOROETHANE	LT	5 UG/L	M. A.
0	1,2-DICHLOROETHANE	LT	5 UG/L	M. A.
0	1,2-DICHLOROETHANE	LT	1 UG/L	ENV. ENG
0	1,2-DICHLOROPROPANE	LT	10 UG/L	ENM. LAB
0	1,2-DICHLOROPROPANE	LT	5 UG/L	M. A.
0	1,2-DICHLOROPROPANE	LT	5 UG/L	M. A.
0	1,2-DICHLOROPROPANE	LT	5 UG/L	M. A.
0	1,3-DICHLOROBENZENE	LT	10 UG/L	ENV. ENG
0	CIS-1,3-DICHLOROPROPENE	LT	10 UG/L	ENM. LAB
0	CIS-1,3-DICHLOROPROPENE	LT	5 UG/L	M. A.
0	CIS-1,3-DICHLOROPROPENE	LT	5 UG/L	M. A.
0	CIS-1,3-DICHLOROPROPENE	LT	5 UG/L	M. A.
0	CIS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG
0	TRANS-1,3-DICHLOROPROPENE	LT	10 UG/L	ENM. LAB
0	TRANS-1,3-DICHLOROPROPENE	LT	5 UG/L	M. A.
0	TRANS-1,3-DICHLOROPROPENE	LT	5 UG/L	M. A.
0	TRANS-1,3-DICHLOROPROPENE	LT	5 UG/L	M. A.
0	1,4-DICHLOROBENZENE	LT	5 UG/L	ENV. ENG
0	2-CHLOROETHYL VINYL ETHER	LT	10 UG/L	ENM. LAB
0	2-CHLOROETHYL VINYL ETHER	LT	10 UG/L	ENV. LAB
0	2-HEXANONE	LT	10 UG/L	ENV. ENG
0	2-HEXANONE	LT	10 UG/L	M. A.
0	2-HEXANONE	LT	10 UG/L	M. A.
0	4-METHYL-2-PENTANONE	LT	10 UG/L	M. A.
0	4-METHYL-2-PENTANONE	LT	10 UG/L	M. A.
0	4-METHYL-2-PENTANONE	LT	10 UG/L	M. A.
0	ZINC	LT	84 UG/L	M. A.
0	GROSS ALPHA	2.33+-0.92	PCI/L	ENM. LAB
0	GROSS ALPHA	0.00+-5.00	PCI/L	M. A.
0	GROSS ALPHA	LT	3 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	3.54+-0.76	PCI/L	ENM. LAB
0	NONVOLATILE BETA	0.00+-5.00	PCI/L	M. A.
0	TOTAL RADIUM	1.98+-0.90	PCI/L	RAD. MEAS.
0	TOTAL RADIUM	1.40+-0.11	PCI/L	ENM. LAB
0	TOTAL RADIUM	0.90+-0.40	PCI/L	M. A.
0	TOTAL RADIUM	0.86+-0.68	PCI/L	RAD. MEAS.

WELL YSB 4A

### MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/17/08 TIME 1635  
DEPTH TO WATER = 28.82 FT ( 8.78 M) BELOW THE TOC  
WATER ELEVATION = 115.78 FT ( 35.29 M) MSL  
PH = 5.5 ALKALINITY = 6 MG/L  
SPECIFIC CONDUCTANCE = 64 UMHOS/CM  
WATER TEMPERATURE = 19.1 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 47 GAL

## LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		62.60 UMHG	ENV. ENG.
0	PH		5.18 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		11 UG/L	ENV. ENG.
0	BROMODICHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0	TRICHLOROFLUOROMETHANE	LT	5 UG/L	ENV. ENG.
0	CARBON TETRACHLORIDE	LT	5.00 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	BROMOFORM	LT	10 UG/L	ENV. ENG.
0	CHLOROFORM	LT	5 UG/L	ENV. ENG.
0	METHYLENE CHLORIDE	LT	5 UG/L	ENV. ENG.
0	BROMOMETHANE	LT	10 UG/L	ENV. ENG.
0	CHLOROMETHANE	LT	10 UG/L	ENV. ENG.
0	CHLORIDE		6400 UG/L	ENV. ENG.
0	CHLOROBENZENE	LT	5 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	CHLOROETHENE	LT	10 UG/L	ENV. ENG.
0	CHLOROETHANE	LT	10 UG/L	ENV. ENG.
0	BENZENE	LT	5 UG/L	ENV. ENG.
0	DIBROMOCHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0	ETHYLBENZENE	LT	5 UG/L	ENV. ENG.
0	FLUORIDE	LT	5 UG/L	ENV. ENG.
1	IRON		100 UG/L	ENV. ENG.
1	MERCURY		246 UG/L	ENV. ENG.
0	TOLUENE		0.40 UG/L	ENV. ENG.
0	MANGANESE	LT	5 UG/L	ENV. ENG.
0	CONTINUED		11 UG/L	ENV. ENG.

CONTINUED

WELL YSB 4A COLLECTED ON 12/17/88 LABORATORY ANALYSES CONTINUED

1	SODIUM		6560 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		1620 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	1,1,2,2-TETRACHLOROETHANE	LT	10 UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	LT	5.00 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TRICHLOROETHYLENE	LT	5.00 UG/L	ENV. ENG.
0	TRANS-1,2-DICHLOROETHENE	LT	5 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	5 UG/L	ENV. ENG.
0	1,1-DICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,1,1-TRICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,1,2-TRICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,2-DICHLOROETHANE	LT	1 UG/L	ENV. ENG.
0	1,2-DICHLOROPROPANE	LT	10 UG/L	ENV. ENG.
0	CIS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0	TRANS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0	2-CHLOROETHYL VINYL ETHER	LT	10 UG/L	ENV. ENG.
0	GROSS ALPHA		1.42+0.74 PC/L	RAD. MEAS.
0	NONVOLATILE BETA		2.53+0.91 PC/L	RAD. MEAS.
0	TOTAL RADIUM	LT	1 PC/L	RAD. MEAS.

## WELL Z 2

### MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/03/88 TIME 1300  
 DEPTH TO WATER = 40.00 FT ( 12.19 M) BELOW THE TOC  
 WATER ELEVATION = 217.30 FT ( 66.23 M) MSL  
 PH = 6.7  
 SPECIFIC CONDUCTANCE = 62 UMHOS/CM  
 WATER TEMPERATURE = 18.4 DEGREES CELSIUS  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

1 TRITIUM 14.07+-0.63 PCI/ML HP, 735A

HELL 2 3

### MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/03/88 TIME 1330  
DEPTH TO WATER = 47.60 FT ( 14.51 M) BELOW THE TOC  
WATER ELEVATION = 213.40 FT ( 65.05 M) MSL  
PH = 7.2  
SPECIFIC CONDUCTANCE = 65 UMHOS/CM  
WATER TEMPERATURE = 16.4 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

2 TRITIUM 26.31+-0.78 PCI/ML HP, 735A

WELL 2 8

### MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/03/88 TIME 1450  
DEPTH TO WATER = 62.40 FT ( 19.02 M) BELOW THE TOC  
WATER ELEVATION = 217.60 FT ( 66.33 M) MSL  
PH = 6.3  
SPECIFIC CONDUCTANCE = 133 UMHOS/CM  
WATER TEMPERATURE = 17.9 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

### LABORATORY ANALYSES

1 TRITIUM 12.63+-0.61 PCI/ML HP, 735A

WELL 2 9

## MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/03/88 TIME 1435  
DEPTH TO WATER = 66.00 FT ( 20.12 M) BELOW THE TOC  
WATER ELEVATION = 213.50 FT ( 65.08 M) MSL  
PH = 6.0  
SPECIFIC CONDUCTANCE = 36 UMHOS/CM  
WATER TEMPERATURE = 18.7 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

## LABORATORY ANALYSES

0 TRITIUM 8.68+-0.54 PCI/ML HP, 735A

WELL Z 11

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/05/88 TIME 1345  
DEPTH TO WATER = 2.10 FT ( 0.64 M) BELOW THE TOC  
WATER ELEVATION = 296.20 FT ( 90.28 M) MSL  
PH = 7.3  
SPECIFIC CONDUCTANCE = 123 UMHOS/CM  
WATER TEMPERATURE = 18.7 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

LABORATORY ANALYSES

2 TRITIUM 59.92+-1.32 PCI/ML HP, 735A

WELL Z 12

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/05/88 TIME 1320  
DEPTH TO WATER = 21.80 FT ( 6.64 M) BELOW THE TOC  
WATER ELEVATION = 273.80 FT ( 83.46 M) MSL  
PH = 9.2  
SPECIFIC CONDUCTANCE = 46 UMHOS/CM  
WATER TEMPERATURE = 20.9 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

LABORATORY ANALYSES

1 TRITIUM 12.52+-0.60 PCI/ML HP, 735A

WELL Z 13

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/05/88 TIME 1115  
DEPTH TO WATER = 25.30 FT ( 7.71 M) BELOW THE TOC  
WATER ELEVATION = 277.80 FT ( 84.67 M) MSL  
PH = 9.6  
SPECIFIC CONDUCTANCE = 49 UMHOS/CM  
WATER TEMPERATURE = 17.7 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

LABORATORY ANALYSES

0 TRITIUM 7.74+-0.53 PCI/ML HP, 735A

WELL Z 15

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/05/88 TIME 1135  
DEPTH TO WATER = 43.60 FT ( 13.29 M) BELOW THE TOC  
WATER ELEVATION = 265.30 FT ( 80.25 M) MSL  
PH = 9.7  
SPECIFIC CONDUCTANCE = 46 UMHOS/CM  
WATER TEMPERATURE = 18.6 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

LABORATORY ANALYSES

2 TRITIUM 27.72+-0.80 PCI/ML HP, 735A

WELL Z 17

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/03/88 TIME 1405  
DEPTH TO WATER = 11.40 FT ( 3.47 M) BELOW THE TOC  
WATER ELEVATION = 167.40 FT ( 51.02 M) MSL  
PH = 7.9  
SPECIFIC CONDUCTANCE = 184 UMHOS/CM  
WATER TEMPERATURE = 18.1 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

LABORATORY ANALYSES

0 TRITIUM 7.53+-0.52 PCI/ML HP, 735A

WELL Z 18

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/03/88 TIME 1355  
DEPTH TO WATER = 20.50 FT ( 6.25 M) BELOW THE TOC  
WATER ELEVATION = 181.60 FT ( 55.35 M) MSL  
PH = 8.8  
SPECIFIC CONDUCTANCE = 41 UMHOS/CM  
WATER TEMPERATURE = 20.7 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

LABORATORY ANALYSES

0 TRITIUM 2.93+-0.44 PCI/ML HP, 735A

WELL Z 19A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/03/88 TIME 1415  
DEPTH TO WATER = 77.60 FT ( 23.65 M) BELOW THE TOC  
WATER ELEVATION = 184.40 FT ( 56.21 M) MSL  
PH = 7.1  
SPECIFIC CONDUCTANCE = 31 UMHOS/CM  
WATER TEMPERATURE = 17.0 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

LABORATORY ANALYSES

0 TRITIUM 7.21+-0.52 PCI/ML HP, 735A

WELL Z 20

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/03/88 TIME 1420  
DEPTH TO WATER = 56.60 FT ( 17.25 M) BELOW THE TOC  
WATER ELEVATION = 184.80 FT ( 56.33 M) MSL  
PH = 6.9  
SPECIFIC CONDUCTANCE = 23 UMHOS/CM  
WATER TEMPERATURE = 16.9 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

LABORATORY ANALYSES

0 TRITIUM 8.24+-0.54 PCI/ML HP, 735A

WELL ZBG 1

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/11/88 TIME 1705  
DEPTH TO WATER = 58.96 FT ( 17.97 M) BELOW THE TOC  
WATER ELEVATION = 232.14 FT ( 70.76 M) MSL  
PH = 5.8 ALKALINITY = 2 MG/L  
SPECIFIC CONDUCTANCE = 118 UMHOS/CM  
WATER TEMPERATURE = 19.2 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 32 GAL

LABORATORY ANALYSES

0 SILVER	LT	2 UG/L	ENV. ENG.
0 ARSENIC	LT	2 UG/L	ENV. ENG.
0 BARIUM		12 UG/L	ENV. ENG.
0 BARIUM		13 UG/L	ENV. ENG.
0 BROMODICHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0 TRICHLOROFLUOROMETHANE	LT	5 UG/L	ENV. ENG.
0 CARBON TETRACHLORIDE	LT	5.00 UG/L	ENV. ENG.
0 CADMIUM	LT	2 UG/L	ENV. ENG.
0 CADMIUM	LT	2 UG/L	ENV. ENG.
0 BROMOFORM	LT	10 UG/L	ENV. ENG.
0 CHLOROFORM	LT	5 UG/L	ENV. ENG.
0 METHYLENE CHLORIDE	LT	5 UG/L	ENV. ENG.
0 BROMOMETHANE	LT	10 UG/L	ENV. ENG.
0 CHLOROMETHANE	LT	10 UG/L	ENV. ENG.
0 CHLOROBENZENE	LT	5 UG/L	ENV. ENG.
0 CHROMIUM	LT	4 UG/L	ENV. ENG.
0 CHROMIUM	LT	4 UG/L	ENV. ENG.
0 CHLORODETHENE	LT	10 UG/L	ENV. ENG.
0 CHLORODETHANE	LT	10 UG/L	ENV. ENG.
0 BENZENE	LT	5 UG/L	ENV. ENG.
0 DIBROMOCHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0 ETHYLBENZENE	LT	5 UG/L	ENV. ENG.
0 MERCURY	LT	0.20 UG/L	ENV. ENG.
0 TOLUENE	LT	5 UG/L	ENV. ENG.
0 NITRITE AS NITROGEN	LT	50 UG/L	ENV. ENG.
0 NITRATE AS NITROGEN		1690 UG/L	ENV. ENG.
0 LEAD		11 UG/L	ENV. ENG.
0 LEAD		9 UG/L	ENV. ENG.
0 ANTIMONY	LT	3 UG/L	ENV. ENG.
0 ANTIMONY	LT	3 UG/L	ENV. ENG.
0 SELENIUM	LT	2 UG/L	ENV. ENG.
0 1,1,2,2-TETRACHLOROETHANE	LT	10 UG/L	ENV. ENG.
0 TETRACHLOROETHYLENE	LT	5.00 UG/L	ENV. ENG.
0 TRICHLOROETHYLENE	LT	5.00 UG/L	ENV. ENG.
0 TRANS-1,2-DICHLOROETHENE	LT	5 UG/L	ENV. ENG.
0 1,1-DICHLOROETHYLENE	LT	5 UG/L	ENV. ENG.
0 1,1-DICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0 1,1,1-TRICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0 1,1,2-TRICHLOROETHANE	LT	5 UG/L	ENV. ENG.

CONTINUED

WELL ZBG 1 COLLECTED ON 12/11/88 LABORATORY ANALYSES CONTINUED

0 1,2-DICHLOROETHANE	LT	1 UG/L	ENV. ENG.
0 1,2-DICHLOROPROPANE	LT	10 UG/L	ENV. ENG.
0 CIS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0 TRANS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0 2-CHLOROETHYL VINYL ETHER	LT	10 UG/L	ENV. ENG.
0 GROSS ALPHA	LT	3 PCI/L	RAD. MEAS.
1 NONVOLATILE BETA	LT	13.40+-1.44 PCI/L	RAD. MEAS.
0 TOTAL RADIUM	LT	1 PCI/L	RAD. MEAS.
1 TRITIUM	LT	14.00+-0.41 PCI/ML	RAD. MEAS.

WELL ZBG 1A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/11/88 TIME 1720  
THE WELL WAS DRY.

WELL ZBG 2

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/17/88 TIME 1415  
DEPTH TO WATER = 59.02 FT ( 17.99 M) BELOW THE TOC  
WATER ELEVATION = 218.98 FT ( 66.75 M) MSL  
PH = 5.2 ALKALINITY = 1 MG/L  
SPECIFIC CONDUCTANCE = 17 UMHOS/CM  
WATER TEMPERATURE = 17.8 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 24 GAL

LABORATORY ANALYSES

0 ACETONE	LT	10 UG/L	M. A.
0 SILVER	LT	10 UG/L	ENV. LAB.
0 SILVER	LT	10 UG/L	M. A.
0 SILVER	LT	2 UG/L	ENV. ENG.
2 ALUMINUM	LT	996 UG/L	M. A.
0 ARSENIC	LT	50 UG/L	ENV. LAB.
0 ARSENIC	LT	10 UG/L	M. A.
0 ARSENIC	LT	2 UG/L	ENV. ENG.
0 BARIUM	LT	100 UG/L	ENV. LAB.
0 BARIUM	LT	200 UG/L	M. A.
0 BARIUM	LT	5 UG/L	ENV. ENG.
0 BERYLLIUM	LT	5 UG/L	M. A.
0 BROMODICHLOROMETHANE	LT	10 UG/L	ENV. LAB.
0 BROMODICHLOROMETHANE	LT	5 UG/L	M. A.
0 BROMODICHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0 CALCIUM	LT	5000 UG/L	M. A.
0 TRICHLOROFLUOROMETHANE	LT	10 UG/L	ENV. LAB.
0 TRICHLOROFLUOROMETHANE	LT	5 UG/L	ENV. ENG.
0 CARBON TETRACHLORIDE	LT	10.0 UG/L	ENV. LAB.
0 CARBON TETRACHLORIDE	LT	5.00 UG/L	M. A.
0 CARBON TETRACHLORIDE	LT	5.00 UG/L	ENV. ENG.
0 CADMIUM	LT	10 UG/L	ENV. LAB.
0 CADMIUM	LT	5 UG/L	M. A.
0 CADMIUM	LT	2 UG/L	ENV. ENG.
0 BROMOFORM	LT	10 UG/L	ENV. LAB.
0 BROMOFORM	LT	5 UG/L	M. A.
0 BROMOFORM	LT	10 UG/L	ENV. ENG.
0 CHLOROFORM	LT	10 UG/L	ENV. LAB.
0 CHLOROFORM	LT	10 UG/L	ENV. LAB.
0 CHLOROFORM	LT	5 UG/L	M. A.
0 CHLOROFORM	LT	5 UG/L	ENV. ENG.
0 METHYLENE CHLORIDE	LT	10 UG/L	ENV. LAB.
0 METHYLENE CHLORIDE	LT	5 UG/L	M. A.
0 METHYLENE CHLORIDE	LT	5 UG/L	ENV. ENG.
0 BROMOMETHANE	LT	10 UG/L	ENV. LAB.
0 BROMOMETHANE	LT	10 UG/L	M. A.
0 BROMOMETHANE	LT	10 UG/L	ENV. ENG.
0 CHLOROMETHANE	LT	10 UG/L	M. A.
0 CHLOROMETHANE	LT	10 UG/L	ENV. ENG.
0 CHLOROMETHANE	LT	10 UG/L	ENV. LAB.
0 CHLOROMETHANE	LT	5 UG/L	M. A.
0 CHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0 COBALT	LT	50 UG/L	M. A.
0 CHROMIUM	LT	50 UG/L	ENV. LAB.
2 CHROMIUM	LT	36 UG/L	M. A.
0 CHROMIUM	LT	4 UG/L	ENV. ENG.
0 CARBON DISULFIDE	LT	5 UG/L	M. A.
0 COPPER	LT	25 UG/L	M. A.
0 CHLOROETHENE	LT	10 UG/L	ENV. LAB.
0 CHLOROETHENE	LT	10 UG/L	M. A.
0 CHLOROETHENE	LT	10 UG/L	ENV. ENG.
0 CHLOROETHENE	LT	10 UG/L	ENV. LAB.
0 CHLOROETHENE	LT	10 UG/L	M. A.
0 BENZENE	LT	10 UG/L	ENV. ENG.
0 BENZENE	LT	10 UG/L	ENV. LAB.
0 BENZENE	LT	5 UG/L	M. A.
0 BENZENE	LT	5 UG/L	ENV. ENG.
0 DIBROMOCHLOROMETHANE	LT	10 UG/L	ENV. LAB.
0 DIBROMOCHLOROMETHANE	LT	5 UG/L	M. A.
0 DIBROMOCHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0 ETHYLBENZENE	LT	10 UG/L	ENV. LAB.
0 ETHYLBENZENE	LT	5 UG/L	M. A.
0 ETHYLBENZENE	LT	5 UG/L	ENV. ENG.
1 IRON	LT	185 UG/L	M. A.
0 MERCURY	LT	0.50 UG/L	ENV. LAB.
0 MERCURY	LT	0.20 UG/L	M. A.
0 MERCURY	LT	0.27 UG/L	ENV. ENG.
0 POTASSIUM	LT	5000 UG/L	M. A.
0 TOLUENE	LT	10 UG/L	ENV. LAB.
0 TOLUENE	LT	5 UG/L	M. A.
0 TOLUENE	LT	5 UG/L	ENV. ENG.

CONTINUED

WELL ZBG 2 COLLECTED ON 12/17/88 LABORATORY ANALYSES CONTINUED

0 METHYLETHYL KETONE	LT	10 UG/L	M. A.
0 MAGNESIUM	LT	5000 UG/L	M. A.
2 MANGANESE	LT	82 UG/L	M. A.
0 SODIUM	LT	5000 UG/L	M. A.
0 NICKEL	LT	40 UG/L	M. A.
0 NITRITE AS NITROGEN	LT	50 UG/L	M. A.
0 NITRITE AS NITROGEN	LT	50 UG/L	ENV. ENG.
0 NITRATE AS NITROGEN	LT	1000 UG/L	ENV. LAB.
0 NITRATE AS NITROGEN	LT	50 UG/L	M. A.
0 NITRATE AS NITROGEN	LT	960 UG/L	ENV. ENG.
0 LEAD	LT	10 UG/L	ENV. LAB.
0 LEAD	LT	5 UG/L	M. A.
0 LEAD	LT	4 UG/L	ENV. ENG.
0 ANTIMONY	LT	200 UG/L	ENV. LAB.
0 ANTIMONY	LT	60 UG/L	M. A.
0 ANTIMONY	LT	3 UG/L	ENV. ENG.
0 SELENIUM	LT	10 UG/L	ENV. LAB.
0 SELENIUM	LT	5 UG/L	M. A.
0 SELENIUM	LT	2 UG/L	ENV. ENG.
0 TIN	LT	100 UG/L	M. A.
0 STYRENE	LT	5 UG/L	M. A.
0 1,1,2,2-TETRACHLOROETHANE	LT	10 UG/L	ENV. LAB.
0 1,1,2,2-TETRACHLOROETHANE	LT	5 UG/L	M. A.
0 1,1,2,2-TETRACHLOROETHANE	LT	10 UG/L	ENV. ENG.
0 TETRACHLOROETHYLENE	LT	10.0 UG/L	ENV. LAB.
0 TETRACHLOROETHYLENE	LT	5.00 UG/L	M. A.
0 TETRACHLOROETHYLENE	LT	5.00 UG/L	ENV. ENG.
0 TRICHLOROETHYLENE	LT	10.0 UG/L	ENV. LAB.
0 TRICHLOROETHYLENE	LT	5.00 UG/L	M. A.
0 TRICHLOROETHYLENE	LT	5.00 UG/L	ENV. ENG.
0 TRANS-1,2-DICHLOROETHENE	LT	10 UG/L	ENV. LAB.
0 TRANS-1,2-DICHLOROETHENE	LT	5 UG/L	M. A.
0 TRANS-1,2-DICHLOROETHENE	LT	5 UG/L	ENV. ENG.
0 URANIUM	LT	1000 UG/L	M. A.
0 VINYL ACETATE	LT	10 UG/L	M. A.
0 XYLENES	LT	5 UG/L	M. A.
0 1,1-DICHLOROETHYLENE	LT	10 UG/L	ENV. LAB.
0 1,1-DICHLOROETHYLENE	LT	5 UG/L	M. A.
0 1,1-DICHLOROETHYLENE	LT	5 UG/L	ENV. ENG.
0 1,1-DICHLOROETHANE	LT	10 UG/L	ENV. LAB.
0 1,1-DICHLOROETHANE	LT	5 UG/L	M. A.
0 1,1,1-TRICHLOROETHANE	LT	10 UG/L	ENV. ENG.
0 1,1,1-TRICHLOROETHANE	LT	5 UG/L	M. A.
0 1,1,2-TRICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0 1,1,2-TRICHLOROETHANE	LT	10 UG/L	ENV. LAB.
0 1,1,2-TRICHLOROETHANE	LT	5 UG/L	M. A.
0 1,2-DICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0 1,2-DICHLOROETHANE	LT	10 UG/L	ENV. LAB.
0 1,2-DICHLOROETHANE	LT	10 UG/L	ENV. LAB.
0 1,2-DICHLOROETHANE	LT	5 UG/L	M. A.
0 1,2-DICHLOROPROPANE	LT	1 UG/L	ENV. ENG.
0 1,2-DICHLOROPROPANE	LT	10 UG/L	ENV. LAB.
0 1,2-DICHLOROPROPANE	LT	5 UG/L	M. A.
0 1,3-DICHLOROBENZENE	LT	10 UG/L	ENV. ENG.
0 CIS-1,3-DICHLOROPROPENE	LT	10 UG/L	ENV. LAB.
0 CIS-1,3-DICHLOROPROPENE	LT	5 UG/L	M. A.
0 CIS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0 TRANS-1,3-DICHLOROPROPENE	LT	10 UG/L	ENV. LAB.
0 TRANS-1,3-DICHLOROPROPENE	LT	5 UG/L	M. A.
0 TRANS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0 1,4-DICHLOROBENZENE	LT	10 UG/L	ENV. LAB.
0 2-CHLOROETHYL VINYL ETHER	LT	10 UG/L	ENV. LAB.
0 2-CHLOROETHYL VINYL ETHER	LT	10 UG/L	ENV. ENG.
0 4-HEXANONE	LT	10 UG/L	M. A.
0 4-METHYL-2-PENTANONE	LT	10 UG/L	M. A.
0 ZINC	LT	101 UG/L	M. A.
0 GROSS ALPHA	LT	0.96 PCI/L	ENV. LAB.
0 GROSS ALPHA	LT	0.00+-5.00 PCI/L	M. A.
0 GROSS ALPHA	LT	0.99+-0.51 PCI/L	RAD. MEAS.
0 NONVOLATILE BETA	LT	2 PCI/L	ENV. LAB.
0 NONVOLATILE BETA	LT	0.00+-5.00 PCI/L	M. A.
0 NONVOLATILE BETA	LT	0.93+-0.84 PCI/L	RAD. MEAS.
0 TOTAL RADIUM	LT	0.19 PCI/L	ENV. LAB.
0 TOTAL RADIUM	LT	0.50+-0.40 PCI/L	M. A.
0 TOTAL RADIUM	LT	1 PCI/L	RAD. MEAS.
0 TRITIUM	LT	5.95+-0.30 PCI/ML	ENV. LAB.
0 TRITIUM	LT	0.00+-1.00 PCI/ML	M. A.
0 TRITIUM	LT	8.96+-0.36 PCI/ML	RAD. MEAS.

WELL ZBG 2

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/17/88 TIME 1415  
DEPTH TO WATER = 59.02 FT ( 17.99 M) BELOW THE TOC  
WATER ELEVATION = 218.98 FT ( 66.75 M) MSL  
PH = 5.2 ALKALINITY = 1 MG/L  
SPECIFIC CONDUCTANCE = 17 UMHOS/CM  
WATER TEMPERATURE = 17.8 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 24 GAL

LABORATORY ANALYSES

0 SILVER	LT	2 UG/L	ENV. ENG.
0 ARSENIC	LT	2 UG/L	ENV. ENG.
0 BARIUM	LT	6 UG/L	ENV. ENG.
0 BROMODICHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0 TRICHLOROFLUOROMETHANE	LT	5 UG/L	ENV. ENG.
0 CARBON TETRACHLORIDE	LT	5.00 UG/L	ENV. ENG.
0 CADMIUM	LT	2 UG/L	ENV. ENG.
0 BROMOFORM	LT	10 UG/L	ENV. ENG.
0 CHLOROFORM	LT	5 UG/L	ENV. ENG.
0 METHYLENE CHLORIDE	LT	5 UG/L	ENV. ENG.
0 BROMOMETHANE	LT	10 UG/L	ENV. ENG.

CONTINUED

MELL ZBG 2 COLLECTED ON 12/17/88 LABORATORY ANALYSES CONTINUED

0	CHLOROMETHANE	LT	10 UG/L	ENV. ENG.
0	CHLOROBENZENE	LT	5 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	CHLOROETHENE	LT	10 UG/L	ENV. ENG.
0	CHLOROETHANE	LT	10 UG/L	ENV. ENG.
0	BENZENE	LT	5 UG/L	ENV. ENG.
0	DIBROMOCHLOROMETHANE	LT	5 UG/L	ENV. ENG.
0	ETHYLBENZENE	LT	5 UG/L	ENV. ENG.
1	MERCURY		0.52 UG/L	ENV. ENG.
0	TOLUENE	LT	5 UG/L	ENV. ENG.
0	NITRITE AS NITROGEN	LT	50 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		950 UG/L	ENV. ENG.
0	LEAD	LT	6 UG/L	ENV. ENG.
0	ANTIMONY	LT	3 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
0	1,1,2,2-TETRACHLOROETHANE	LT	10 UG/L	ENV. ENG.
0	TETRACHLOROETHYLENE	LT	5.00 UG/L	ENV. ENG.
0	TRICHLOROETHYLENE	LT	5.00 UG/L	ENV. ENG.
0	TRANS-1,2-DICHLOROETHENE	LT	5 UG/L	ENV. ENG.
0	1,1-DICHLOROETHYLENE	LT	5 UG/L	ENV. ENG.
0	1,1-DICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,1,1-TRICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,1,2-TRICHLOROETHANE	LT	5 UG/L	ENV. ENG.
0	1,2-DICHLOROETHANE	LT	1 UG/L	ENV. ENG.
0	1,2-DICHLOROPROPENE	LT	10 UG/L	ENV. ENG.
0	CIS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0	TRANS-1,3-DICHLOROPROPENE	LT	5 UG/L	ENV. ENG.
0	2-CHLOROETHYL VINYL ETHER	LT	10 UG/L	ENV. ENG.
0	GROSS ALPHA		0.94+-0.58 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	LT	2 PCI/L	RAD. MEAS.
0	TOTAL RADIUM		0.56+-0.52 PCI/L	RAD. MEAS.
1	TRITIUM		11.20+-0.38 PCI/ML	RAD. MEAS.

MELL ZDT 1

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/28/88 TIME 1410  
 DEPTH TO WATER = 27.11 FT ( 8.26 M) BELOW THE TOC  
 WATER ELEVATION = 237.99 FT ( 72.54 M) MSL  
 PH = 5.3 ALKALINITY = 0 MG/L  
 SPECIFIC CONDUCTANCE = 48 UMHS/CM  
 WATER TEMPERATURE = 20.4 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 43 GAL

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		60.30 UMHC	ENV. ENG.
0	PH		5.16 PH	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM		25 UG/L	ENV. ENG.
0	CALCIUM		1330 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		3200 UG/L	ENV. ENG.
0	CHLORIDE		3100 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	IRON		22 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
0	POTASSIUM		4990 UG/L	ENV. ENG.
0	MAGNESIUM		1010 UG/L	ENV. ENG.
0	MANGANESE		25 UG/L	ENV. ENG.
0	SODIUM		4400 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		740 UG/L	ENV. ENG.
0	LEAD		8 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		7250 UG/L	ENV. ENG.
0	SULFATE		9000 UG/L	ENV. ENG.
0	SULFATE		9400 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		42000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON		1200 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	GROSS ALPHA		3.30+-1.02 PCI/L	RAD. MEAS.
0	GROSS ALPHA		2.52+-0.87 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		7.38+-1.14 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA		5.99+-1.08 PCI/L	RAD. MEAS.
0	TOTAL RADIUM		1.14+-0.59 PCI/L	RAD. MEAS.
0	TOTAL RADIUM		1.15+-0.61 PCI/L	RAD. MEAS.
2	TRITIUM		23.70+-0.59 PCI/ML	RAD. MEAS.
2	TRITIUM		23.50+-0.59 PCI/ML	RAD. MEAS.

MELL ZDT 2

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/17/88 TIME 1255  
 DEPTH TO WATER = 25.40 FT ( 7.74 M) BELOW THE TOC  
 WATER ELEVATION = 239.60 FT ( 73.03 M) MSL  
 PH = 5.4 ALKALINITY = 4 MG/L  
 SPECIFIC CONDUCTANCE = 53 UMHS/CM  
 WATER TEMPERATURE = 19.0 DEGREES CELSIUS  
 WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 53 GAL

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE		47.00 UMHC	ENV. ENG.
0	SPECIFIC CONDUCTANCE		46.40 UMHC	ENV. ENG.
0	SPECIFIC CONDUCTANCE		54.10 UMHC	ENV. ENG.
0	PH		5.60 PH	ENV. ENG.
0	PH		5.50 PH	ENV. ENG.
0	PH		5.11 PH	ENV. ENG.
0	SILVER	LT	10 UG/L	ENV. ENG.
0	SILVER	LT	10 UG/L	ENV. ENG.
0	SILVER	LT	2 UG/L	ENV. ENG.
0	ALUMINUM	LT	200 UG/L	ENV. ENG.
0	ARSENIC	LT	10 UG/L	ENV. ENG.
0	ARSENIC	LT	10 UG/L	ENV. ENG.
0	ARSENIC	LT	2 UG/L	ENV. ENG.
0	BARIUM	LT	100 UG/L	ENV. ENG.
0	BARIUM	LT	200 UG/L	ENV. ENG.
0	BARIUM	LT	12 UG/L	ENV. ENG.
0	BERYLLIUM	LT	5 UG/L	ENV. ENG.
0	CALCIUM		3400 UG/L	ENV. ENG.
0	CALCIUM	LT	5000 UG/L	ENV. ENG.
0	CALCIUM		3400 UG/L	ENV. ENG.
0	CADMIUM	LT	10 UG/L	ENV. ENG.
0	CADMIUM	LT	5 UG/L	ENV. ENG.
0	CADMIUM	LT	2 UG/L	ENV. ENG.
0	CHLORIDE		3000 UG/L	ENV. ENG.
0	CHLORIDE		3000 UG/L	ENV. ENG.
0	COBALT	LT	50 UG/L	ENV. ENG.
0	CHROMIUM	LT	50 UG/L	ENV. ENG.
0	CHROMIUM	LT	10 UG/L	ENV. ENG.
0	CHROMIUM	LT	4 UG/L	ENV. ENG.
0	COPPER	LT	25 UG/L	ENV. ENG.
0	FLUORIDE		170 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
0	FLUORIDE	LT	100 UG/L	ENV. ENG.
1	IRON		270 UG/L	ENV. ENG.
0	IRON	LT	100 UG/L	ENV. ENG.
0	IRON	LT	20 UG/L	ENV. ENG.
0	MERCURY	LT	0.80 UG/L	ENV. ENG.
0	MERCURY	LT	0.20 UG/L	ENV. ENG.
1	MERCURY		0.46 UG/L	ENV. ENG.
0	POTASSIUM	LT	50 UG/L	ENV. ENG.
0	POTASSIUM	LT	5000 UG/L	ENV. ENG.
0	POTASSIUM		532 UG/L	ENV. ENG.
0	MAGNESIUM		500 UG/L	ENV. ENG.
0	MAGNESIUM	LT	5000 UG/L	ENV. ENG.
0	MAGNESIUM		449 UG/L	ENV. ENG.
1	MANGANESE		40 UG/L	ENV. ENG.
1	MANGANESE		33 UG/L	ENV. ENG.
0	MANGANESE		23 UG/L	ENV. ENG.
1	SODIUM		5700 UG/L	ENV. ENG.
0	SODIUM	LT	5000 UG/L	ENV. ENG.
0	SODIUM		4580 UG/L	ENV. ENG.
0	NICKEL	LT	40 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		1900 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		880 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN		2320 UG/L	ENV. ENG.
0	LEAD	LT	100 UG/L	ENV. ENG.
0	LEAD		8 UG/L	ENV. ENG.
0	LEAD		6 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	PHENOL	LT	5 UG/L	ENV. ENG.
0	ANTIMONY	LT	60 UG/L	ENV. ENG.
0	SELENIUM	LT	10 UG/L	ENV. ENG.
0	SELENIUM	LT	5 UG/L	ENV. ENG.
0	SELENIUM	LT	2 UG/L	ENV. ENG.
1	SILICA		6200 UG/L	ENV. ENG.
1	SILICA		2320 UG/L	ENV. ENG.
1	SILICA		7190 UG/L	ENV. ENG.
0	TIN	LT	100 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	SULFATE	LT	5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		28000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		36000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS		66000 UG/L	ENV. ENG.
1	TOTAL ORGANIC CARBON		8000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	500 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT	1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	10 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	10 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT	5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	10 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	50 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT	20 UG/L	ENV. ENG.
0	URANIUM	LT	1000 UG/L	ENV. ENG.
0	ZINC		95 UG/L	ENV. ENG.
0	GROSS ALPHA		0.65+-0.51 PCI/L	ENV. ENG.
0	GROSS ALPHA		0.00+-5.00 PCI/L	ENV. ENG.
0	GROSS ALPHA		1.18+-0.63 PCI/L	ENV. ENG.
0	NONVOLATILE BETA		1.62+-0.66 PCI/L	ENV. ENG.
0	NONVOLATILE BETA		0.00+-5.00 PCI/L	ENV. ENG.
0	NONVOLATILE BETA		1.15+-0.84 PCI/L	ENV. ENG.
0	TOTAL RADIUM		0.33+-0.27 PCI/L	ENV. ENG.
0	TOTAL RADIUM		0.40+-0.40 PCI/L	ENV. ENG.
1	TRITIUM	LT	1 PCI/L	ENV. ENG.
1	TRITIUM		39.20+-0.50 PCI/ML	ENV. ENG.

CONTINUED

WELL ZDT 2 COLLECTED ON 12/17/88 LABORATORY ANALYSES CONTINUED

0 TRITIUM 5.00+-1.00 PCI/ML H. A.  
2 TRITIUM 25.40+-0.62 PCI/ML RAD. MEAS.

WELL ZDT 2

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/17/88 TIME 1255  
DEPTH TO WATER = 25.40 FT ( 7.74 M) BELOW THE TOC  
WATER ELEVATION = 239.60 FT ( 73.03 M) MSL  
PH = 5.4 ALKALINITY = 4 MG/L  
SPECIFIC CONDUCTANCE = 53 UMHOS/CM  
WATER TEMPERATURE = 19.0 DEGREES CELSIUS  
WATER EVACUATED FROM THE WELL PRIOR TO SAMPLING = 53 GAL

LABORATORY ANALYSES

0	SPECIFIC CONDUCTANCE	55.80 UMHC	ENV. ENG.
0	PH	5.11 PH	ENV. ENG.
0	SILVER	LT 2 UG/L	ENV. ENG.
0	ARSENIC	LT 2 UG/L	ENV. ENG.
0	BARIUM	13 UG/L	ENV. ENG.
0	CALCIUM	3530 UG/L	ENV. ENG.
0	CADMIUM	LT 2 UG/L	ENV. ENG.
0	CHLORIDE	3300 UG/L	ENV. ENG.
0	CHROMIUM	LT 4 UG/L	ENV. ENG.
0	FLUORIDE	LT 100 UG/L	ENV. ENG.
0	IRON	LT 20 UG/L	ENV. ENG.
0	MERCURY	LT 0.20 UG/L	ENV. ENG.
0	POTASSIUM	500 UG/L	ENV. ENG.
0	MAGNESIUM	454 UG/L	ENV. ENG.
0	MANGANESE	24 UG/L	ENV. ENG.
0	SODIUM	4530 UG/L	ENV. ENG.
0	NITRATE AS NITROGEN	2330 UG/L	ENV. ENG.
0	LEAD	LT 10 UG/L	ENV. ENG.
0	PHENOL	LT 5 UG/L	ENV. ENG.
0	SELENIUM	LT 2 UG/L	ENV. ENG.
1	SILICA	7260 UG/L	ENV. ENG.
0	SULFATE	LT 5000 UG/L	ENV. ENG.
0	TOTAL DISSOLVED SOLIDS	54000 UG/L	ENV. ENG.
0	TOTAL ORGANIC CARBON	LT 1000 UG/L	ENV. ENG.
0	TOTAL ORGANIC HALOGENS	LT 5 UG/L	ENV. ENG.
0	TOTAL PHOSPHATES	LT 20 UG/L	ENV. ENG.
0	GROSS ALPHA	0.85+-0.74 PCI/L	RAD. MEAS.
0	NONVOLATILE BETA	1.76+-0.85 PCI/L	RAD. MEAS.
0	TOTAL RADIUM	LT 1 PCI/L	RAD. MEAS.
2	TRITIUM	26.60+-0.65 PCI/ML	RAD. MEAS.

WELL ZM 1A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/05/88 TIME 1430  
DEPTH TO WATER = 137.20 FT ( 41.82 M) BELOW THE TOC  
WATER ELEVATION = 139.50 FT ( 42.52 M) MSL  
PH = 7.3  
SPECIFIC CONDUCTANCE = 149 UMHOS/CM  
WATER TEMPERATURE = 17.4 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

LABORATORY ANALYSES

0 TRITIUM 4.29+-0.46 PCI/ML HP, 735A

WELL ZM 2

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/03/88 TIME 1120  
DEPTH TO WATER = 85.20 FT ( 25.97 M) BELOW THE TOC  
WATER ELEVATION = 205.80 FT ( 62.12 M) MSL  
PH = 6.8  
SPECIFIC CONDUCTANCE = 156 UMHOS/CM  
WATER TEMPERATURE = 16.9 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

LABORATORY ANALYSES

2 TRITIUM 144+-3.00 PCI/ML HP, 735A

WELL ZM 3

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/03/88 TIME 1240  
DEPTH TO WATER = 60.80 FT ( 18.53 M) BELOW THE TOC  
WATER ELEVATION = 198.60 FT ( 60.53 M) MSL  
PH = 6.9  
SPECIFIC CONDUCTANCE = 37 UMHOS/CM  
WATER TEMPERATURE = 16.4 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

LABORATORY ANALYSES

0 TRITIUM 6.15+-0.50 PCI/ML HP, 735A

WELL ZM 4

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/03/88 TIME 1230  
DEPTH TO WATER = 44.40 FT ( 13.53 M) BELOW THE TOC  
WATER ELEVATION = 230.40 FT ( 70.23 M) MSL  
PH = 6.8  
SPECIFIC CONDUCTANCE = 210 UMHOS/CM  
WATER TEMPERATURE = 15.7 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

LABORATORY ANALYSES

1 TRITIUM 10.41+-0.57 PCI/ML HP, 735A

WELL ZM 5

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/03/88 TIME 1210  
DEPTH TO WATER = 50.80 FT ( 15.48 M) BELOW THE TOC  
WATER ELEVATION = 227.00 FT ( 69.19 M) MSL  
PH = 6.6  
SPECIFIC CONDUCTANCE = 115 UMHOS/CM  
WATER TEMPERATURE = 17.0 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

LABORATORY ANALYSES

2 TRITIUM 124+-2.60 PCI/ML HP, 735A

WELL ZM 6

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/03/88 TIME 1310  
DEPTH TO WATER = 38.80 FT ( 11.83 M) BELOW THE TOC  
WATER ELEVATION = 229.30 FT ( 69.89 M) MSL  
THE WELL IS PUMPING DRY BEFORE SAMPLING CAN BE DONE.

WELL ZM 7

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/05/88 TIME 950  
DEPTH TO WATER = 8.60 FT ( 2.62 M) BELOW THE TOC  
WATER ELEVATION = 263.80 FT ( 80.41 M) MSL  
PH = 6.6  
SPECIFIC CONDUCTANCE = 149 UMHOS/CM  
WATER TEMPERATURE = 16.1 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

LABORATORY ANALYSES

2 TRITIUM 29.57+-0.82 PCI/ML HP, 735A

WELL ZM 8

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/05/88 TIME 1040  
DEPTH TO WATER = 4.00 FT ( 1.22 M) BELOW THE TOC  
WATER ELEVATION = 269.40 FT ( 82.11 M) MSL  
PH = 6.8  
SPECIFIC CONDUCTANCE = 51 UMHOS/CM  
WATER TEMPERATURE = 13.1 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

LABORATORY ANALYSES

0 TRITIUM 5.60+-0.49 PCI/ML HP, 735A

WELL ZN 9

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/05/88 TIME 1400  
DEPTH TO WATER = 39.00 FT ( 11.89 M) BELOW THE TOC  
WATER ELEVATION = 249.70 FT ( 76.11 M) MSL  
PH = 6.8  
SPECIFIC CONDUCTANCE = 103 UMHOS/CM  
WATER TEMPERATURE = 19.9 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

LABORATORY ANALYSES

2 TRITIUM 79.11+-1.71 PCI/ML HP, 735A

WELL ZN 10

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 12/05/88 TIME 1125  
DEPTH TO WATER = 53.80 FT ( 16.40 M) BELOW THE TOC  
WATER ELEVATION = 246.60 FT ( 75.16 M) MSL  
PH = 6.4  
SPECIFIC CONDUCTANCE = 180 UMHOS/CM  
WATER TEMPERATURE = 19.1 DEGREES CELSIUS  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

LABORATORY ANALYSES

2 TRITIUM 72.50+-1.57 PCI/ML HP, 735A



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## WATER-LEVEL DATA FOR 1988

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This section presents water-level measurements taken in the second, third, and fourth quarters of 1988. These data were collected by Jeff Bullard, Bonnie Bullard, and Jack Bullard of Ge-Hy Sampling of New Ellenton, South Carolina. The data were collected at the request of site custodians to assist in hydrogeologic interpretations. Only water levels were measured. No field measurements of water quality were done. Some wells which are not routinely monitored for the HP Groundwater Monitoring Program are included in these data.

WELL ABP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1517  
DEPTH TO WATER = 138.09 FT ( 42.09 M) BELOW THE TOC  
WATER ELEVATION = 221.81 FT ( 67.61 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ABP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 951  
DEPTH TO WATER = 138.97 FT ( 42.36 M) BELOW THE TOC  
WATER ELEVATION = 220.93 FT ( 67.34 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ABP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1106  
DEPTH TO WATER = 139.02 FT ( 42.37 M) BELOW THE TOC  
WATER ELEVATION = 220.88 FT ( 67.33 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ABP 2A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1528  
DEPTH TO WATER = 151.14 FT ( 46.07 M) BELOW THE TOC  
WATER ELEVATION = 220.76 FT ( 67.29 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ABP 2A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 959  
DEPTH TO WATER = 151.85 FT ( 46.28 M) BELOW THE TOC  
WATER ELEVATION = 220.05 FT ( 67.07 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ABP 2A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1134  
DEPTH TO WATER = 152.03 FT ( 46.34 M) BELOW THE TOC  
WATER ELEVATION = 219.87 FT ( 67.02 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ABP 3

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1533  
DEPTH TO WATER = 151.20 FT ( 39.99 M) BELOW THE TOC  
WATER ELEVATION = 222.50 FT ( 67.82 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ABP 3

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1004  
DEPTH TO WATER = 151.82 FT ( 40.18 M) BELOW THE TOC  
WATER ELEVATION = 221.88 FT ( 67.63 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ABP 3

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1140  
DEPTH TO WATER = 152.09 FT ( 40.26 M) BELOW THE TOC  
WATER ELEVATION = 221.61 FT ( 67.55 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ABP 4

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1522  
DEPTH TO WATER = 144.33 FT ( 43.99 M) BELOW THE TOC  
WATER ELEVATION = 219.97 FT ( 67.05 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ABP 4

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 955  
DEPTH TO WATER = 145.00 FT ( 44.20 M) BELOW THE TOC  
WATER ELEVATION = 219.30 FT ( 66.84 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ABP 4

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1126  
DEPTH TO WATER = 145.12 FT ( 44.23 M) BELOW THE TOC  
WATER ELEVATION = 219.18 FT ( 66.81 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ABM 1

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1614  
DEPTH TO WATER = 99.82 FT ( 30.43 M) BELOW THE TOC  
WATER ELEVATION = 224.98 FT ( 68.57 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ABM 1

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1342  
DEPTH TO WATER = 100.17 FT ( 30.53 M) BELOW THE TOC  
WATER ELEVATION = 224.63 FT ( 68.47 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ABM 1

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1412  
DEPTH TO WATER = 100.65 FT ( 30.68 M) BELOW THE TOC  
WATER ELEVATION = 224.15 FT ( 68.32 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL AC 1A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1605  
DEPTH TO WATER = 47.18 FT ( 14.38 M) BELOW THE TOC  
WATER ELEVATION = 214.92 FT ( 65.51 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL AC 1A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 944  
DEPTH TO WATER = 48.08 FT ( 14.65 M) BELOW THE TOC  
WATER ELEVATION = 214.02 FT ( 65.23 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL AC 1A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1012  
DEPTH TO WATER = 48.97 FT ( 14.95 M) BELOW THE TOC  
WATER ELEVATION = 213.13 FT ( 64.96 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL AC 1B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1608  
DEPTH TO WATER = 47.08 FT ( 14.35 M) BELOW THE TOC  
WATER ELEVATION = 214.05 FT ( 65.51 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL AC 1B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 943  
DEPTH TO WATER = 47.95 FT ( 14.62 M) BELOW THE TOC  
WATER ELEVATION = 214.05 FT ( 65.51 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL AC 1B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1014  
DEPTH TO WATER = 48.86 FT ( 14.89 M) BELOW THE TOC  
WATER ELEVATION = 213.14 FT ( 65.24 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL AC 2A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1236  
DEPTH TO WATER = 121.25 FT ( 36.96 M) BELOW THE TOC  
WATER ELEVATION = 223.45 FT ( 68.11 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL AC 2A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1205  
DEPTH TO WATER = 121.67 FT ( 37.09 M) BELOW THE TOC  
WATER ELEVATION = 223.03 FT ( 67.98 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL AC 2A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1711  
DEPTH TO WATER = 122.48 FT ( 37.33 M) BELOW THE TOC  
WATER ELEVATION = 222.22 FT ( 67.73 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL AC 2B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1236  
DEPTH TO WATER = 113.65 FT ( 34.64 M) BELOW THE TOC  
WATER ELEVATION = 231.15 FT ( 70.46 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL AC 2B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1206  
DEPTH TO WATER = 114.69 FT ( 34.96 M) BELOW THE TOC  
WATER ELEVATION = 230.11 FT ( 70.14 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL AC 2B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1711  
DEPTH TO WATER = 115.60 FT ( 35.20 M) BELOW THE TOC  
WATER ELEVATION = 229.30 FT ( 69.89 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL AC 3A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1542  
DEPTH TO WATER = 90.94 FT ( 27.72 M) BELOW THE TOC  
WATER ELEVATION = 211.36 FT ( 64.42 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL AC 3A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 920  
DEPTH TO WATER = 91.58 FT ( 27.91 M) BELOW THE TOC  
WATER ELEVATION = 210.72 FT ( 64.23 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL AC 3A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 957  
DEPTH TO WATER = 92.08 FT ( 28.07 M) BELOW THE TOC  
WATER ELEVATION = 210.22 FT ( 64.08 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL AC 3B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1543  
DEPTH TO WATER = 88.89 FT ( 27.09 M) BELOW THE TOC  
WATER ELEVATION = 213.61 FT ( 65.11 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL AC 3B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 919  
DEPTH TO WATER = 89.51 FT ( 27.28 M) BELOW THE TOC  
WATER ELEVATION = 212.99 FT ( 64.92 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL AC 3B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1000  
DEPTH TO WATER = 90.46 FT ( 27.57 M) BELOW THE TOC  
WATER ELEVATION = 212.04 FT ( 64.63 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ACB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1040  
DEPTH TO WATER = 120.15 FT ( 36.62 M) BELOW THE TOC  
WATER ELEVATION = 239.45 FT ( 72.99 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ACB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1234  
DEPTH TO WATER = 121.28 FT ( 36.97 M) BELOW THE TOC  
WATER ELEVATION = 238.32 FT ( 72.64 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ACB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1609  
DEPTH TO WATER = 121.91 FT ( 37.16 M) BELOW THE TOC  
WATER ELEVATION = 237.69 FT ( 72.45 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ACB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1045  
DEPTH TO WATER = 109.94 FT ( 33.51 M) BELOW THE TOC  
WATER ELEVATION = 239.86 FT ( 73.11 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ACB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1229  
DEPTH TO WATER = 105.59 FT ( 32.18 M) BELOW THE TOC  
WATER ELEVATION = 244.21 FT ( 74.44 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ACB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 09/30/88 TIME 1646  
DEPTH TO WATER = 110.52 FT ( 33.69 M) BELOW THE TOC  
WATER ELEVATION = 239.28 FT ( 72.95 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ACB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1612  
DEPTH TO WATER = 110.68 FT ( 33.74 M) BELOW THE TOC  
WATER ELEVATION = 239.12 FT ( 72.88 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ACB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1112  
DEPTH TO WATER = 108.36 FT ( 33.03 M) BELOW THE TOC  
WATER ELEVATION = 239.94 FT ( 73.13 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ACB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1204  
DEPTH TO WATER = 109.30 FT ( 33.32 M) BELOW THE TOC  
WATER ELEVATION = 239.00 FT ( 72.85 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ACB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1533  
DEPTH TO WATER = 109.81 FT ( 33.47 M) BELOW THE TOC  
WATER ELEVATION = 238.49 FT ( 72.69 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ACB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1117  
DEPTH TO WATER = 118.73 FT ( 36.19 M) BELOW THE TOC  
WATER ELEVATION = 240.37 FT ( 73.27 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ACB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1200  
DEPTH TO WATER = 119.44 FT ( 36.41 M) BELOW THE TOC  
WATER ELEVATION = 239.66 FT ( 73.05 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ACB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1538  
DEPTH TO WATER = 120.15 FT ( 36.62 M) BELOW THE TOC  
WATER ELEVATION = 238.95 FT ( 72.83 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL AMB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1456  
DEPTH TO WATER = 142.42 FT ( 43.41 M) BELOW THE TOC  
WATER ELEVATION = 236.28 FT ( 72.02 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL AMB 2

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1502  
DEPTH TO WATER = 142.92 FT ( 43.56 M) BELOW THE TOC  
WATER ELEVATION = 236.30 FT ( 72.05 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL AMB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1508  
DEPTH TO WATER = 136.68 FT ( 41.66 M) BELOW THE TOC  
WATER ELEVATION = 236.62 FT ( 72.12 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL AMB 4

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1500  
DEPTH TO WATER = 145.74 FT ( 44.42 M) BELOW THE TOC  
WATER ELEVATION = 236.61 FT ( 71.51 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL AMB 5

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1457  
DEPTH TO WATER = 145.00 FT ( 44.20 M) BELOW THE TOC  
WATER ELEVATION = 236.61 FT ( 71.51 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL AMB 6

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1458  
DEPTH TO WATER = 142.74 FT ( 43.51 M) BELOW THE TOC  
WATER ELEVATION = 236.42 FT ( 71.45 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL AMB 7

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1505  
DEPTH TO WATER = 134.90 FT ( 41.12 M) BELOW THE TOC  
WATER ELEVATION = 236.97 FT ( 71.62 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL AOB 1

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1020  
DEPTH TO WATER = 102.63 FT ( 31.28 M) BELOW THE TOC  
WATER ELEVATION = 238.47 FT ( 72.69 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL AOB 1

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1142  
DEPTH TO WATER = 103.78 FT ( 31.63 M) BELOW THE TOC  
WATER ELEVATION = 237.32 FT ( 72.34 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL AOB 1

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1551  
DEPTH TO WATER = 104.31 FT ( 31.79 M) BELOW THE TOC  
WATER ELEVATION = 236.79 FT ( 72.17 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL AOB 2

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1024  
DEPTH TO WATER = 106.37 FT ( 32.42 M) BELOW THE TOC  
WATER ELEVATION = 239.03 FT ( 72.86 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL AOB 2

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1146  
DEPTH TO WATER = 107.46 FT ( 32.75 M) BELOW THE TOC  
WATER ELEVATION = 237.94 FT ( 72.52 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL AOB 2

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1548  
DEPTH TO WATER = 107.92 FT ( 32.89 M) BELOW THE TOC  
WATER ELEVATION = 237.48 FT ( 72.38 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ARP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1504  
DEPTH TO WATER = 139.24 FT ( 42.44 M) BELOW THE TOC  
WATER ELEVATION = 215.86 FT ( 65.79 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ARP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 936  
DEPTH TO WATER = 140.07 FT ( 42.69 M) BELOW THE TOC  
WATER ELEVATION = 215.03 FT ( 65.54 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ARP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1040  
THE WELL WAS DRY.

WELL ARP 2

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1508  
DEPTH TO WATER = 118.71 FT ( 36.18 M) BELOW THE TOC  
WATER ELEVATION = 218.59 FT ( 66.63 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ARP 2

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 941  
DEPTH TO WATER = 119.53 FT ( 36.43 M) BELOW THE TOC  
WATER ELEVATION = 217.77 FT ( 66.38 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ARP 2

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1048  
DEPTH TO WATER = 119.89 FT ( 36.54 M) BELOW THE TOC  
WATER ELEVATION = 217.41 FT ( 66.27 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ARP 3

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1512  
DEPTH TO WATER = 119.58 FT ( 36.39 M) BELOW THE TOC  
WATER ELEVATION = 220.42 FT ( 67.18 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ARP 3

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 946  
DEPTH TO WATER = 120.18 FT ( 36.63 M) BELOW THE TOC  
WATER ELEVATION = 219.62 FT ( 66.94 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ARP 3

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1055  
DEPTH TO WATER = 120.55 FT ( 36.74 M) BELOW THE TOC  
WATER ELEVATION = 219.25 FT ( 66.83 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ARP 4

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1500  
DEPTH TO WATER = 130.61 FT ( 39.81 M) BELOW THE TOC  
WATER ELEVATION = 217.79 FT ( 66.38 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ARP 4

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 931  
DEPTH TO WATER = 131.56 FT ( 40.04 M) BELOW THE TOC  
WATER ELEVATION = 217.04 FT ( 66.15 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ARP 4

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1029  
DEPTH TO WATER = 131.77 FT ( 40.16 M) BELOW THE TOC  
WATER ELEVATION = 216.63 FT ( 66.03 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ASB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1208  
DEPTH TO WATER = 110.29 FT ( 33.62 M) BELOW THE TOC  
WATER ELEVATION = 238.81 FT ( 72.79 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ASB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 858  
DEPTH TO WATER = 110.86 FT ( 33.79 M) BELOW THE TOC  
WATER ELEVATION = 238.24 FT ( 72.62 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ASB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1204  
DEPTH TO WATER = 111.26 FT ( 33.91 M) BELOW THE TOC  
WATER ELEVATION = 237.84 FT ( 72.49 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ASB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1213  
DEPTH TO WATER = 109.18 FT ( 33.28 M) BELOW THE TOC  
WATER ELEVATION = 239.82 FT ( 73.10 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ASB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 908  
DEPTH TO WATER = 109.79 FT ( 33.44 M) BELOW THE TOC  
WATER ELEVATION = 239.21 FT ( 72.91 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ASB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1208  
DEPTH TO WATER = 110.20 FT ( 33.59 M) BELOW THE TOC  
WATER ELEVATION = 238.80 FT ( 72.79 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ASB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1219  
DEPTH TO WATER = 105.00 FT ( 32.00 M) BELOW THE TOC  
WATER ELEVATION = 240.00 FT ( 73.15 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ASB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 904  
DEPTH TO WATER = 105.78 FT ( 32.24 M) BELOW THE TOC  
WATER ELEVATION = 239.22 FT ( 72.92 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ASB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1211  
DEPTH TO WATER = 106.10 FT ( 32.34 M) BELOW THE TOC  
WATER ELEVATION = 238.90 FT ( 72.82 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ASB 4

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1533  
DEPTH TO WATER = 96.95 FT ( 29.55 M) BELOW THE TOC  
WATER ELEVATION = 237.93 FT ( 72.74 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ASB 4

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1319  
DEPTH TO WATER = 97.67 FT ( 29.77 M) BELOW THE TOC  
WATER ELEVATION = 237.57 FT ( 72.41 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ASB 4

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1400  
DEPTH TO WATER = 98.03 FT ( 29.88 M) BELOW THE TOC  
WATER ELEVATION = 237.57 FT ( 72.41 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ASB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1232  
DEPTH TO WATER = 106.12 FT ( 32.35 M) BELOW THE TOC  
WATER ELEVATION = 238.88 FT ( 72.81 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ASB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1501  
DEPTH TO WATER = 106.60 FT ( 32.49 M) BELOW THE TOC  
WATER ELEVATION = 238.40 FT ( 72.67 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ASB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1220  
DEPTH TO WATER = 107.18 FT ( 32.67 M) BELOW THE TOC  
WATER ELEVATION = 237.82 FT ( 72.49 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ASB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1225  
DEPTH TO WATER = 111.79 FT ( 34.07 M) BELOW THE TOC  
WATER ELEVATION = 238.41 FT ( 72.67 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ASB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1459  
DEPTH TO WATER = 112.42 FT ( 34.27 M) BELOW THE TOC  
WATER ELEVATION = 237.78 FT ( 72.48 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ASB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1215  
DEPTH TO WATER = 112.85 FT ( 34.39 M) BELOW THE TOC  
WATER ELEVATION = 237.37 FT ( 72.35 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ASB 7

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1228  
DEPTH TO WATER = 116.34 FT ( 35.46 M) BELOW THE TOC  
WATER ELEVATION = 237.06 FT ( 72.26 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ASB 7

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1458  
DEPTH TO WATER = 116.83 FT ( 35.61 M) BELOW THE TOC  
WATER ELEVATION = 236.57 FT ( 72.11 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ASB 7

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1214  
DEPTH TO WATER = 117.58 FT ( 35.84 M) BELOW THE TOC  
WATER ELEVATION = 235.82 FT ( 71.88 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ASB 8

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1245  
DEPTH TO WATER = 113.38 FT ( 34.56 M) BELOW THE TOC  
WATER ELEVATION = 235.62 FT ( 71.82 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ASB 8

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1451  
DEPTH TO WATER = 114.10 FT ( 34.78 M) BELOW THE TOC  
WATER ELEVATION = 234.90 FT ( 71.60 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ASB 8

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1223  
DEPTH TO WATER = 114.56 FT ( 34.92 M) BELOW THE TOC  
WATER ELEVATION = 234.44 FT ( 71.46 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ASB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1250  
 DEPTH TO WATER = 129.91 FT ( 39.60 M) BELOW THE TOC  
 WATER ELEVATION = 219.39 FT ( 66.87 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ASB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1449  
 DEPTH TO WATER = 130.53 FT ( 39.79 M) BELOW THE TOC  
 WATER ELEVATION = 218.77 FT ( 66.68 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ASB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1227  
 DEPTH TO WATER = 130.82 FT ( 39.87 M) BELOW THE TOC  
 WATER ELEVATION = 218.48 FT ( 66.59 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ASB 8B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1248  
 DEPTH TO WATER = 129.11 FT ( 39.35 M) BELOW THE TOC  
 WATER ELEVATION = 220.69 FT ( 67.27 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ASB 8B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1446  
 DEPTH TO WATER = 129.60 FT ( 39.50 M) BELOW THE TOC  
 WATER ELEVATION = 220.20 FT ( 67.12 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ASB 8B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1225  
 DEPTH TO WATER = 130.10 FT ( 39.65 M) BELOW THE TOC  
 WATER ELEVATION = 219.70 FT ( 66.97 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ASB 8C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1245  
 DEPTH TO WATER = 125.30 FT ( 38.19 M) BELOW THE TOC  
 WATER ELEVATION = 224.40 FT ( 68.40 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ASB 8C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1446  
 DEPTH TO WATER = 125.64 FT ( 38.30 M) BELOW THE TOC  
 WATER ELEVATION = 224.06 FT ( 68.29 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ASB 8C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1224  
 DEPTH TO WATER = 126.75 FT ( 38.63 M) BELOW THE TOC  
 WATER ELEVATION = 222.95 FT ( 67.96 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ASB 8TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1249  
 DEPTH TO WATER = 134.29 FT ( 40.93 M) BELOW THE TOC  
 WATER ELEVATION = 215.31 FT ( 65.63 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ASB 8TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1450  
 DEPTH TO WATER = 134.29 FT ( 40.93 M) BELOW THE TOC  
 WATER ELEVATION = 215.31 FT ( 65.63 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ASB 8TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1225  
 DEPTH TO WATER = 135.11 FT ( 41.18 M) BELOW THE TOC  
 WATER ELEVATION = 214.49 FT ( 65.38 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ASB 9

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1536  
 DEPTH TO WATER = 68.52 FT ( 20.89 M) BELOW THE TOC  
 WATER ELEVATION = 240.48 FT ( 73.30 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ASB 9

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1303  
 DEPTH TO WATER = 69.10 FT ( 21.06 M) BELOW THE TOC  
 WATER ELEVATION = 239.90 FT ( 73.12 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ASB 9

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1432  
 DEPTH TO WATER = 69.31 FT ( 21.13 M) BELOW THE TOC  
 WATER ELEVATION = 239.69 FT ( 73.06 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ASB 9B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1537  
 DEPTH TO WATER = 89.15 FT ( 27.17 M) BELOW THE TOC  
 WATER ELEVATION = 219.85 FT ( 67.01 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING



WELL ASB 9B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1304  
DEPTH TO WATER = 89.46 FT ( 27.27 M) BELOW THE TOC  
WATER ELEVATION = 219.54 FT ( 66.92 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL ASB 9B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1433  
DEPTH TO WATER = 89.95 FT ( 27.42 M) BELOW THE TOC  
WATER ELEVATION = 219.05 FT ( 66.77 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL BGO 1D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/12/88 TIME 1125  
DEPTH TO WATER = 55.80 FT ( 17.01 M) BELOW THE TOC  
WATER ELEVATION = 239.30 FT ( 72.94 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL BGO 2D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/12/88 TIME 1240  
DEPTH TO WATER = 57.24 FT ( 17.45 M) BELOW THE TOC  
WATER ELEVATION = 239.66 FT ( 73.05 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL BGO 3D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/12/88 TIME 1236  
DEPTH TO WATER = 55.58 FT ( 16.88 M) BELOW THE TOC  
WATER ELEVATION = 237.32 FT ( 72.34 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL BGO 4D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/12/88 TIME 1232  
DEPTH TO WATER = 64.49 FT ( 19.66 M) BELOW THE TOC  
WATER ELEVATION = 233.01 FT ( 71.02 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL BGO 5C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/12/88 TIME 1229  
DEPTH TO WATER = 79.81 FT ( 24.33 M) BELOW THE TOC  
WATER ELEVATION = 216.29 FT ( 65.93 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL BGO 5D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/12/88 TIME 1227  
DEPTH TO WATER = 63.88 FT ( 19.47 M) BELOW THE TOC  
WATER ELEVATION = 232.42 FT ( 70.84 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL BGO 6A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/12/88 TIME 1217  
DEPTH TO WATER = 127.24 FT ( 38.78 M) BELOW THE TOC  
WATER ELEVATION = 158.36 FT ( 48.27 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL BGO 6C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/12/88 TIME 1215  
DEPTH TO WATER = 65.60 FT ( 20.00 M) BELOW THE TOC  
WATER ELEVATION = 220.00 FT ( 67.06 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL BGO 6D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/12/88 TIME 1212  
DEPTH TO WATER = 52.85 FT ( 16.10 M) BELOW THE TOC  
WATER ELEVATION = 232.67 FT ( 70.92 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL BGO 7D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/12/88 TIME 1209  
DEPTH TO WATER = 49.90 FT ( 15.21 M) BELOW THE TOC  
WATER ELEVATION = 232.50 FT ( 70.87 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL BGO 8A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/12/88 TIME 1202  
DEPTH TO WATER = 118.35 FT ( 36.07 M) BELOW THE TOC  
WATER ELEVATION = 164.85 FT ( 50.25 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL BGO 8C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/12/88 TIME 1204  
DEPTH TO WATER = 60.16 FT ( 18.34 M) BELOW THE TOC  
WATER ELEVATION = 223.14 FT ( 68.01 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL BGO 8D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/12/88 TIME 1206  
DEPTH TO WATER = 50.88 FT ( 15.51 M) BELOW THE TOC  
WATER ELEVATION = 232.32 FT ( 70.81 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL BGO 9D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/12/88 TIME 1158  
DEPTH TO WATER = 53.08 FT ( 16.18 M) BELOW THE TOC  
WATER ELEVATION = 232.02 FT ( 70.72 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL BGO 10A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/12/88 TIME 1154  
DEPTH TO WATER = 118.59 FT ( 36.15 M) BELOW THE TOC  
WATER ELEVATION = 182.31 FT ( 55.57 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL BGO 10C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/12/88 TIME 1151  
DEPTH TO WATER = 81.04 FT ( 24.70 M) BELOW THE TOC  
WATER ELEVATION = 220.26 FT ( 67.14 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL BGO 10D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/12/88 TIME 1148  
DEPTH TO WATER = 69.81 FT ( 21.28 M) BELOW THE TOC  
WATER ELEVATION = 231.69 FT ( 70.62 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL BGO 11D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/12/88 TIME 1143  
DEPTH TO WATER = 73.86 FT ( 22.51 M) BELOW THE TOC  
WATER ELEVATION = 231.44 FT ( 70.54 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL BGO 12A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/12/88 TIME 1138  
DEPTH TO WATER = 128.43 FT ( 39.15 M) BELOW THE TOC  
WATER ELEVATION = 184.97 FT ( 56.38 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL BGO 12C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/12/88 TIME 1135  
DEPTH TO WATER = 92.71 FT ( 28.26 M) BELOW THE TOC  
WATER ELEVATION = 220.89 FT ( 67.33 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL BGO 12D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/12/88 TIME 1132  
DEPTH TO WATER = 82.70 FT ( 25.21 M) BELOW THE TOC  
WATER ELEVATION = 231.08 FT ( 70.41 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL BGO 13D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/12/88 TIME 1120  
DEPTH TO WATER = 82.35 FT ( 25.10 M) BELOW THE TOC  
WATER ELEVATION = 236.15 FT ( 71.98 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL BGO 14A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/12/88 TIME 1109  
DEPTH TO WATER = 144.09 FT ( 43.92 M) BELOW THE TOC  
WATER ELEVATION = 157.81 FT ( 48.10 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL BGO 14C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/12/88 TIME 1112  
DEPTH TO WATER = 79.21 FT ( 24.14 M) BELOW THE TOC  
WATER ELEVATION = 222.79 FT ( 67.91 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL BGO 14D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/12/88 TIME 1115  
THE WELL WAS DRY.

WELL BGO 15D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/12/88 TIME 1059  
DEPTH TO WATER = 68.83 FT ( 20.98 M) BELOW THE TOC  
WATER ELEVATION = 229.87 FT ( 70.07 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL BGO 16A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/12/88 TIME 910  
DEPTH TO WATER = 145.00 FT ( 44.20 M) BELOW THE TOC  
WATER ELEVATION = 160.00 FT ( 48.77 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL BGO 16D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/12/88 TIME 913  
DEPTH TO WATER = 73.57 FT ( 22.42 M) BELOW THE TOC  
WATER ELEVATION = 231.03 FT ( 70.42 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL BGO 17D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/12/88 TIME 918  
DEPTH TO WATER = 66.70 FT ( 20.33 M) BELOW THE TOC  
WATER ELEVATION = 231.60 FT ( 70.59 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL BGO 18A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/12/88 TIME 923  
DEPTH TO WATER = 135.20 FT ( 41.21 M) BELOW THE TOC  
WATER ELEVATION = 160.00 FT ( 48.77 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL BGO 180

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/12/88 TIME 926  
 DEPTH TO WATER = 66.93 FT ( 20.40 M) BELOW THE TOC  
 WATER ELEVATION = 227.97 FT ( 69.49 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL BGO 190

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/12/88 TIME 931  
 DEPTH TO WATER = 53.85 FT ( 16.41 M) BELOW THE TOC  
 WATER ELEVATION = 233.35 FT ( 71.13 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL BGO 200

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/12/88 TIME 905  
 DEPTH TO WATER = 49.25 FT ( 15.01 M) BELOW THE TOC  
 WATER ELEVATION = 234.45 FT ( 71.46 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL BGO 210

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/12/88 TIME 953  
 DEPTH TO WATER = 40.54 FT ( 12.36 M) BELOW THE TOC  
 WATER ELEVATION = 244.86 FT ( 74.63 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL BGO 220

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/12/88 TIME 936  
 DEPTH TO WATER = 53.44 FT ( 16.35 M) BELOW THE TOC  
 WATER ELEVATION = 232.86 FT ( 70.98 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL BGO 230

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/12/88 TIME 941  
 DEPTH TO WATER = 52.38 FT ( 15.97 M) BELOW THE TOC  
 WATER ELEVATION = 236.82 FT ( 72.18 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL BGO 240

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/12/88 TIME 946  
 DEPTH TO WATER = 55.42 FT ( 16.89 M) BELOW THE TOC  
 WATER ELEVATION = 237.78 FT ( 72.48 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL BGO 25A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/12/88 TIME 1104  
 DEPTH TO WATER = 138.13 FT ( 42.10 M) BELOW THE TOC  
 WATER ELEVATION = 158.37 FT ( 48.27 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL FC 1A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/16/88 TIME 1600  
 DEPTH TO WATER = 175.09 FT ( 53.37 M) BELOW THE TOC  
 WATER ELEVATION = 193.51 FT ( 43.74 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL FC 1B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/16/88 TIME 1604  
 DEPTH TO WATER = 107.72 FT ( 32.83 M) BELOW THE TOC  
 WATER ELEVATION = 210.78 FT ( 64.25 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL FC 1C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/16/88 TIME 1607  
 DEPTH TO WATER = 104.90 FT ( 31.97 M) BELOW THE TOC  
 WATER ELEVATION = 214.00 FT ( 65.23 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL FC 10

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/16/88 TIME 1609  
 DEPTH TO WATER = 95.47 FT ( 29.10 M) BELOW THE TOC  
 WATER ELEVATION = 223.63 FT ( 68.16 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL FC 3A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/16/88 TIME 1810  
 DEPTH TO WATER = 95.93 FT ( 29.24 M) BELOW THE TOC  
 WATER ELEVATION = 175.47 FT ( 53.48 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL FC 3B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/16/88 TIME 1812  
 DEPTH TO WATER = 120.67 FT ( 36.78 M) BELOW THE TOC  
 WATER ELEVATION = 150.63 FT ( 46.91 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL FC 3C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/16/88 TIME 1815  
 DEPTH TO WATER = 119.00 FT ( 36.27 M) BELOW THE TOC  
 WATER ELEVATION = 151.80 FT ( 46.27 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL FC 3D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/16/88 TIME 1817  
 DEPTH TO WATER = 64.47 FT ( 19.65 M) BELOW THE TOC  
 WATER ELEVATION = 206.43 FT ( 62.92 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL FC 3E

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/16/88 TIME 1819  
DEPTH TO WATER = 65.37 FT ( 19.93 M) BELOW THE TOC  
WATER ELEVATION = 205.33 FT ( 62.59 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL FC 3F

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/16/88 TIME 1821  
DEPTH TO WATER = 65.95 FT ( 19.49 M) BELOW THE TOC  
WATER ELEVATION = 206.25 FT ( 62.87 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL FC 4A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/16/88 TIME 1616  
DEPTH TO WATER = 67.29 FT ( 20.51 M) BELOW THE TOC  
WATER ELEVATION = 173.31 FT ( 52.83 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL FC 4B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/16/88 TIME 1619  
DEPTH TO WATER = 100.14 FT ( 30.52 M) BELOW THE TOC  
WATER ELEVATION = 140.96 FT ( 42.97 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL FC 4C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/16/88 TIME 1621  
DEPTH TO WATER = 103.66 FT ( 31.60 M) BELOW THE TOC  
WATER ELEVATION = 137.64 FT ( 41.95 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL FC 4D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/16/88 TIME 1625  
DEPTH TO WATER = 90.37 FT ( 27.55 M) BELOW THE TOC  
WATER ELEVATION = 151.03 FT ( 46.03 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL FC 4E

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/16/88 TIME 1628  
DEPTH TO WATER = 56.31 FT ( 17.16 M) BELOW THE TOC  
WATER ELEVATION = 185.19 FT ( 56.45 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL HC 8A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/16/88 TIME 1726  
DEPTH TO WATER = 87.07 FT ( 26.54 M) BELOW THE TOC  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL HC 8B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/16/88 TIME 1729  
DEPTH TO WATER = 108.43 FT ( 33.05 M) BELOW THE TOC  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL HC 8C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/16/88 TIME 1732  
DEPTH TO WATER = 66.71 FT ( 20.33 M) BELOW THE TOC  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL HC 10A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/16/88 TIME 1843  
DEPTH TO WATER = 65.96 FT ( 20.10 M) BELOW THE TOC  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL HC 10B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/16/88 TIME 1839  
DEPTH TO WATER = 20.37 FT ( 6.21 M) BELOW THE TOC  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL HC 12B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/16/88 TIME 1832  
DEPTH TO WATER = 51.05 FT ( 15.56 M) BELOW THE TOC  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL HSB 85A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/12/88 TIME 1244  
DEPTH TO WATER = 127.01 FT ( 38.71 M) BELOW THE TOC  
WATER ELEVATION = 167.39 FT ( 51.02 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL HSB 85B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/12/88 TIME 1249  
DEPTH TO WATER = 61.16 FT ( 18.64 M) BELOW THE TOC  
WATER ELEVATION = 235.34 FT ( 71.12 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL HSB 85C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/12/88 TIME 1246  
DEPTH TO WATER = 55.10 FT ( 16.79 M) BELOW THE TOC  
WATER ELEVATION = 239.00 FT ( 72.85 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1425  
DEPTH TO WATER = 107.34 FT ( 32.72 M) BELOW THE TOC  
WATER ELEVATION = 221.06 FT ( 67.38 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 858  
DEPTH TO WATER = 108.10 FT ( 32.95 M) BELOW THE TOC  
WATER ELEVATION = 220.30 FT ( 67.15 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1523  
DEPTH TO WATER = 108.43 FT ( 33.05 M) BELOW THE TOC  
WATER ELEVATION = 219.97 FT ( 67.05 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1419  
DEPTH TO WATER = 127.91 FT ( 38.99 M) BELOW THE TOC  
WATER ELEVATION = 222.49 FT ( 67.82 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 912  
DEPTH TO WATER = 128.61 FT ( 39.20 M) BELOW THE TOC  
WATER ELEVATION = 221.79 FT ( 67.60 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1518  
DEPTH TO WATER = 128.64 FT ( 39.21 M) BELOW THE TOC  
WATER ELEVATION = 221.76 FT ( 67.59 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MCB 5

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1415  
DEPTH TO WATER = 116.79 FT ( 35.60 M) BELOW THE TOC  
WATER ELEVATION = 222.81 FT ( 67.91 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MCB 5

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 908  
DEPTH TO WATER = 117.50 FT ( 35.81 M) BELOW THE TOC  
WATER ELEVATION = 222.10 FT ( 67.70 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MCB 5

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1513  
DEPTH TO WATER = 117.40 FT ( 35.84 M) BELOW THE TOC  
WATER ELEVATION = 222.00 FT ( 67.67 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MCB 6

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1410  
THE WELL WAS DRY.

WELL MCB 6

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 904  
DEPTH TO WATER = 114.37 FT ( 34.86 M) BELOW THE TOC  
WATER ELEVATION = 217.73 FT ( 66.36 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MCB 6

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1509  
DEPTH TO WATER = 114.63 FT ( 34.94 M) BELOW THE TOC  
WATER ELEVATION = 217.47 FT ( 66.29 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MCB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1126  
DEPTH TO WATER = 119.09 FT ( 36.30 M) BELOW THE TOC  
WATER ELEVATION = 234.31 FT ( 71.42 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MCB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 1136  
THE WELL WAS DRY.

WELL MCB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME  
THE WELL WAS DRY.

WELL MCB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1121  
DEPTH TO WATER = 117.94 FT ( 35.95 M) BELOW THE TOC  
WATER ELEVATION = 234.76 FT ( 71.56 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 1140  
DEPTH TO WATER = 118.72 FT ( 36.19 M) BELOW THE TOC  
WATER ELEVATION = 233.98 FT ( 71.32 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1457  
DEPTH TO WATER = 119.41 FT ( 36.40 M) BELOW THE TOC  
WATER ELEVATION = 233.29 FT ( 71.11 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1045  
THE WELL WAS DRY.

WELL MSB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 1144  
THE WELL WAS DRY.

WELL MSB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME  
THE WELL WAS DRY.

WELL MSB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1038  
THE WELL WAS DRY.

WELL MSB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 1150  
THE WELL WAS DRY.

WELL MSB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME  
THE WELL WAS DRY.

WELL MSB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1216  
DEPTH TO WATER = 113.46 FT ( 34.58 M) BELOW THE TOC  
WATER ELEVATION = 231.14 FT ( 70.45 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 1306  
DEPTH TO WATER = 114.18 FT ( 34.88 M) BELOW THE TOC  
WATER ELEVATION = 230.42 FT ( 70.23 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1727  
THE WELL WAS DRY.

WELL MSB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1437  
DEPTH TO WATER = 114.39 FT ( 34.87 M) BELOW THE TOC  
WATER ELEVATION = 229.51 FT ( 69.96 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 904  
DEPTH TO WATER = 114.87 FT ( 35.01 M) BELOW THE TOC  
WATER ELEVATION = 229.03 FT ( 69.81 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1732  
DEPTH TO WATER = 115.51 FT ( 35.21 M) BELOW THE TOC  
WATER ELEVATION = 228.39 FT ( 69.61 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 7A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1432  
DEPTH TO WATER = 114.09 FT ( 34.78 M) BELOW THE TOC  
WATER ELEVATION = 230.41 FT ( 70.23 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 7A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 859  
DEPTH TO WATER = 114.55 FT ( 34.92 M) BELOW THE TOC  
WATER ELEVATION = 229.95 FT ( 70.09 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 7A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1737  
DEPTH TO WATER = 115.17 FT ( 35.10 M) BELOW THE TOC  
WATER ELEVATION = 229.33 FT ( 69.90 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1139  
 DEPTH TO WATER = 112.36 FT ( 34.25 M) BELOW THE TOC  
 WATER ELEVATION = 231.84 FT ( 70.67 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 1108  
 DEPTH TO WATER = 113.00 FT ( 34.44 M) BELOW THE TOC  
 WATER ELEVATION = 231.20 FT ( 70.47 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1928  
 DEPTH TO WATER = 113.60 FT ( 34.63 M) BELOW THE TOC  
 WATER ELEVATION = 230.60 FT ( 70.29 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 9A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1107  
 DEPTH TO WATER = 146.80 FT ( 44.75 M) BELOW THE TOC  
 WATER ELEVATION = 212.60 FT ( 64.80 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 9A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 1152  
 DEPTH TO WATER = 142.56 FT ( 43.45 M) BELOW THE TOC  
 WATER ELEVATION = 216.84 FT ( 66.09 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 9A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1638  
 DEPTH TO WATER = 149.27 FT ( 45.50 M) BELOW THE TOC  
 WATER ELEVATION = 210.13 FT ( 64.05 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 9B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1110  
 DEPTH TO WATER = 126.06 FT ( 38.42 M) BELOW THE TOC  
 WATER ELEVATION = 233.54 FT ( 71.18 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 9B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 1154  
 DEPTH TO WATER = 126.32 FT ( 38.56 M) BELOW THE TOC  
 WATER ELEVATION = 233.08 FT ( 71.04 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 9B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1638  
 DEPTH TO WATER = 127.57 FT ( 38.88 M) BELOW THE TOC  
 WATER ELEVATION = 232.03 FT ( 70.72 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 9C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1109  
 DEPTH TO WATER = 126.10 FT ( 38.44 M) BELOW THE TOC  
 WATER ELEVATION = 235.00 FT ( 71.02 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 9C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 1153  
 DEPTH TO WATER = 126.86 FT ( 38.67 M) BELOW THE TOC  
 WATER ELEVATION = 232.24 FT ( 70.79 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 9C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1636  
 DEPTH TO WATER = 127.60 FT ( 38.89 M) BELOW THE TOC  
 WATER ELEVATION = 231.50 FT ( 70.56 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 10A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1148  
 DEPTH TO WATER = 144.29 FT ( 43.98 M) BELOW THE TOC  
 WATER ELEVATION = 210.71 FT ( 64.23 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 10A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 1225  
 DEPTH TO WATER = 141.01 FT ( 42.98 M) BELOW THE TOC  
 WATER ELEVATION = 213.99 FT ( 65.22 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 10A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1653  
 DEPTH TO WATER = 146.52 FT ( 44.66 M) BELOW THE TOC  
 WATER ELEVATION = 208.48 FT ( 63.55 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 10B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1147  
 DEPTH TO WATER = 141.74 FT ( 43.20 M) BELOW THE TOC  
 WATER ELEVATION = 212.94 FT ( 64.91 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 108

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 1224  
 DEPTH TO WATER = 139.01 FT ( 42.37 M) BELOW THE TOC  
 WATER ELEVATION = 215.69 FT ( 65.74 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 108

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1652  
 DEPTH TO WATER = 145.77 FT ( 43.82 M) BELOW THE TOC  
 WATER ELEVATION = 210.95 FT ( 64.29 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 10C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1149  
 DEPTH TO WATER = 124.16 FT ( 37.84 M) BELOW THE TOC  
 WATER ELEVATION = 231.84 FT ( 70.67 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 10C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 1227  
 DEPTH TO WATER = 124.85 FT ( 38.05 M) BELOW THE TOC  
 WATER ELEVATION = 231.15 FT ( 70.46 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 10C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1655  
 DEPTH TO WATER = 125.92 FT ( 38.38 M) BELOW THE TOC  
 WATER ELEVATION = 230.08 FT ( 70.13 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 11A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1100  
 DEPTH TO WATER = 150.53 FT ( 45.88 M) BELOW THE TOC  
 WATER ELEVATION = 214.37 FT ( 65.34 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 11A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 1204  
 DEPTH TO WATER = 148.19 FT ( 45.17 M) BELOW THE TOC  
 WATER ELEVATION = 216.71 FT ( 66.05 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 11A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1644  
 DEPTH TO WATER = 132.08 FT ( 40.35 M) BELOW THE TOC  
 WATER ELEVATION = 212.82 FT ( 64.87 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 11B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1103  
 DEPTH TO WATER = 145.69 FT ( 44.41 M) BELOW THE TOC  
 WATER ELEVATION = 219.11 FT ( 66.79 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 11B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 1203  
 DEPTH TO WATER = 141.96 FT ( 43.27 M) BELOW THE TOC  
 WATER ELEVATION = 222.84 FT ( 67.92 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 11B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1648  
 DEPTH TO WATER = 143.21 FT ( 43.65 M) BELOW THE TOC  
 WATER ELEVATION = 221.59 FT ( 67.54 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 11C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1101  
 DEPTH TO WATER = 144.01 FT ( 43.89 M) BELOW THE TOC  
 WATER ELEVATION = 220.89 FT ( 67.33 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 11C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 1202  
 DEPTH TO WATER = 140.07 FT ( 42.69 M) BELOW THE TOC  
 WATER ELEVATION = 224.85 FT ( 68.53 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 11C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1645  
 DEPTH TO WATER = 140.96 FT ( 42.97 M) BELOW THE TOC  
 WATER ELEVATION = 223.94 FT ( 68.26 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 11D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1059  
 DEPTH TO WATER = 132.39 FT ( 40.35 M) BELOW THE TOC  
 WATER ELEVATION = 232.81 FT ( 70.96 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 11D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 1201  
 DEPTH TO WATER = 132.63 FT ( 40.43 M) BELOW THE TOC  
 WATER ELEVATION = 232.57 FT ( 70.89 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING



WELL MSB 11D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1642  
DEPTH TO WATER = 133.52 FT ( 40.70 M) BELOW THE TOC  
WATER ELEVATION = 231.68 FT ( 70.62 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 11F

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1058  
DEPTH TO WATER = 131.60 FT ( 40.11 M) BELOW THE TOC  
WATER ELEVATION = 233.20 FT ( 71.08 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 11F

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 1207  
DEPTH TO WATER = 132.18 FT ( 40.29 M) BELOW THE TOC  
WATER ELEVATION = 232.62 FT ( 70.90 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 11F

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1642  
DEPTH TO WATER = 132.97 FT ( 40.83 M) BELOW THE TOC  
WATER ELEVATION = 231.83 FT ( 70.66 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 12A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1154  
DEPTH TO WATER = 138.56 FT ( 42.23 M) BELOW THE TOC  
WATER ELEVATION = 209.24 FT ( 63.78 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 12A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 1248  
DEPTH TO WATER = 135.51 FT ( 41.30 M) BELOW THE TOC  
WATER ELEVATION = 212.29 FT ( 64.71 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 12A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1647  
DEPTH TO WATER = 140.65 FT ( 42.87 M) BELOW THE TOC  
WATER ELEVATION = 207.15 FT ( 63.14 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 12B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1155  
DEPTH TO WATER = 128.90 FT ( 39.29 M) BELOW THE TOC  
WATER ELEVATION = 219.50 FT ( 66.90 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 12B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 1241  
DEPTH TO WATER = 128.79 FT ( 39.26 M) BELOW THE TOC  
WATER ELEVATION = 219.61 FT ( 66.94 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 12B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1646  
DEPTH TO WATER = 130.57 FT ( 39.80 M) BELOW THE TOC  
WATER ELEVATION = 217.83 FT ( 66.40 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 12C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1157  
DEPTH TO WATER = 122.92 FT ( 37.47 M) BELOW THE TOC  
WATER ELEVATION = 224.98 FT ( 68.57 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 12C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 1246  
DEPTH TO WATER = 133.44 FT ( 40.67 M) BELOW THE TOC  
WATER ELEVATION = 214.46 FT ( 65.37 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 12C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1648  
DEPTH TO WATER = 124.38 FT ( 37.91 M) BELOW THE TOC  
WATER ELEVATION = 223.52 FT ( 68.13 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 12D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1157  
THE WELL WAS DRY.

WELL MSB 12D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 1244  
THE WELL WAS DRY.

WELL MSB 12D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME  
THE WELL WAS DRY.

WELL MSB 127A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1201  
DEPTH TO WATER = 158.13 FT ( 48.20 M) BELOW THE TOC  
WATER ELEVATION = 190.37 FT ( 58.03 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 127A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 1245  
DEPTH TO WATER = 157.78 FT ( 48.09 M) BELOW THE TOC  
WATER ELEVATION = 190.72 FT ( 58.13 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 127A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1644  
DEPTH TO WATER = 159.06 FT ( 48.48 M) BELOW THE TOC  
WATER ELEVATION = 189.44 FT ( 57.74 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 127B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1200  
DEPTH TO WATER = 158.14 FT ( 48.20 M) BELOW THE TOC  
WATER ELEVATION = 190.76 FT ( 58.14 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 127B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 1242  
DEPTH TO WATER = 157.90 FT ( 48.13 M) BELOW THE TOC  
WATER ELEVATION = 191.00 FT ( 58.22 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 127B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1643  
DEPTH TO WATER = 159.31 FT ( 48.56 M) BELOW THE TOC  
WATER ELEVATION = 189.59 FT ( 57.79 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 13A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1208  
DEPTH TO WATER = 137.29 FT ( 41.85 M) BELOW THE TOC  
WATER ELEVATION = 207.91 FT ( 63.37 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 13A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 1259  
DEPTH TO WATER = 133.88 FT ( 40.81 M) BELOW THE TOC  
WATER ELEVATION = 211.32 FT ( 64.41 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 13A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1624  
DEPTH TO WATER = 139.46 FT ( 42.51 M) BELOW THE TOC  
WATER ELEVATION = 205.74 FT ( 62.71 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 13B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1209  
THE WELL WAS DRY.

WELL MSB 13B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 1255  
THE WELL WAS DRY.

WELL MSB 13B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1625  
THE WELL WAS DRY.

WELL MSB 13C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1207  
THE WELL WAS DRY.

WELL MSB 13C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 1256  
THE WELL WAS DRY.

WELL MSB 13C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME  
THE WELL WAS DRY.

WELL MSB 14A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1129  
DEPTH TO WATER = 150.70 FT ( 39.84 M) BELOW THE TOC  
WATER ELEVATION = 217.60 FT ( 66.33 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 14A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 1132  
DEPTH TO WATER = 129.78 FT ( 39.56 M) BELOW THE TOC  
WATER ELEVATION = 218.52 FT ( 66.61 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 14A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1443  
DEPTH TO WATER = 131.31 FT ( 40.02 M) BELOW THE TOC  
WATER ELEVATION = 216.99 FT ( 66.14 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 14B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1131  
DEPTH TO WATER = 129.34 FT ( 39.42 M) BELOW THE TOC  
WATER ELEVATION = 219.34 FT ( 66.84 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 14B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 1129  
DEPTH TO WATER = 128.43 FT ( 39.15 M) BELOW THE TOC  
WATER ELEVATION = 220.27 FT ( 67.14 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 14B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1445  
DEPTH TO WATER = 129.79 FT ( 39.56 M) BELOW THE TOC  
WATER ELEVATION = 218.91 FT ( 66.72 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 14C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1134  
DEPTH TO WATER = 115.11 FT ( 35.09 M) BELOW THE TOC  
WATER ELEVATION = 233.59 FT ( 71.20 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 14C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 1130  
DEPTH TO WATER = 115.91 FT ( 35.33 M) BELOW THE TOC  
WATER ELEVATION = 232.79 FT ( 70.96 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 14C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1447  
THE WELL WAS DRY.

WELL MSB 15A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1354  
DEPTH TO WATER = 144.18 FT ( 43.95 M) BELOW THE TOC  
WATER ELEVATION = 223.02 FT ( 67.98 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 15A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 1213  
DEPTH TO WATER = 143.10 FT ( 43.62 M) BELOW THE TOC  
WATER ELEVATION = 224.10 FT ( 68.31 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 15A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1659  
DEPTH TO WATER = 144.39 FT ( 44.01 M) BELOW THE TOC  
WATER ELEVATION = 222.81 FT ( 67.91 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 16A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1349  
DEPTH TO WATER = 141.33 FT ( 43.08 M) BELOW THE TOC  
WATER ELEVATION = 225.37 FT ( 68.69 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 16A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 1217  
DEPTH TO WATER = 141.36 FT ( 43.09 M) BELOW THE TOC  
WATER ELEVATION = 225.34 FT ( 68.68 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 16A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1703  
DEPTH TO WATER = 142.73 FT ( 43.50 M) BELOW THE TOC  
WATER ELEVATION = 223.97 FT ( 68.27 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 16C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1349  
DEPTH TO WATER = 132.87 FT ( 40.50 M) BELOW THE TOC  
WATER ELEVATION = 233.75 FT ( 71.24 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 16C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 1216  
DEPTH TO WATER = 134.02 FT ( 40.85 M) BELOW THE TOC  
WATER ELEVATION = 232.58 FT ( 70.89 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 16C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1702  
THE WELL WAS DRY.

WELL MSB 17A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1222  
DEPTH TO WATER = 140.20 FT ( 42.73 M) BELOW THE TOC  
WATER ELEVATION = 217.80 FT ( 66.39 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 17A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 1312  
DEPTH TO WATER = 140.01 FT ( 42.68 M) BELOW THE TOC  
WATER ELEVATION = 217.99 FT ( 66.44 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 17A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1723  
DEPTH TO WATER = 141.67 FT ( 43.18 M) BELOW THE TOC  
WATER ELEVATION = 216.33 FT ( 65.94 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 17B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1222  
DEPTH TO WATER = 130.09 FT ( 39.65 M) BELOW THE TOC  
WATER ELEVATION = 227.81 FT ( 69.44 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 17B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 1311  
DEPTH TO WATER = 131.00 FT ( 39.93 M) BELOW THE TOC  
WATER ELEVATION = 226.90 FT ( 69.16 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 17B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1723  
DEPTH TO WATER = 131.85 FT ( 40.19 M) BELOW THE TOC  
WATER ELEVATION = 226.05 FT ( 68.90 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 17C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1224  
THE WELL WAS DRY.

WELL MSB 17C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 1313  
THE WELL WAS DRY.

WELL MSB 17C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME  
THE WELL WAS DRY.

WELL MSB 18A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1443  
DEPTH TO WATER = 128.02 FT ( 39.02 M) BELOW THE TOC  
WATER ELEVATION = 212.18 FT ( 64.67 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 18A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 909  
DEPTH TO WATER = 128.69 FT ( 39.23 M) BELOW THE TOC  
WATER ELEVATION = 211.51 FT ( 64.47 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 18A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1722  
DEPTH TO WATER = 129.37 FT ( 39.43 M) BELOW THE TOC  
WATER ELEVATION = 210.83 FT ( 64.26 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 18B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1444  
DEPTH TO WATER = 118.69 FT ( 36.18 M) BELOW THE TOC  
WATER ELEVATION = 221.61 FT ( 67.55 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 18B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 911  
DEPTH TO WATER = 119.29 FT ( 36.36 M) BELOW THE TOC  
WATER ELEVATION = 221.01 FT ( 67.36 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 18B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1725  
DEPTH TO WATER = 119.82 FT ( 36.52 M) BELOW THE TOC  
WATER ELEVATION = 220.48 FT ( 67.20 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 18C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1442  
DEPTH TO WATER = 113.05 FT ( 34.46 M) BELOW THE TOC  
WATER ELEVATION = 227.55 FT ( 69.36 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 18C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 908  
DEPTH TO WATER = 114.20 FT ( 34.81 M) BELOW THE TOC  
WATER ELEVATION = 226.40 FT ( 69.01 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 18C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1723  
DEPTH TO WATER = 114.62 FT ( 34.94 M) BELOW THE TOC  
WATER ELEVATION = 225.98 FT ( 68.88 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 19A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1050  
DEPTH TO WATER = 86.12 FT ( 26.25 M) BELOW THE TOC  
WATER ELEVATION = 213.38 FT ( 65.04 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 19A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1218  
DEPTH TO WATER = 86.49 FT ( 26.36 M) BELOW THE TOC  
WATER ELEVATION = 213.01 FT ( 64.93 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 19A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1518  
DEPTH TO WATER = 87.13 FT ( 26.56 M) BELOW THE TOC  
WATER ELEVATION = 212.37 FT ( 64.73 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 19B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1051  
DEPTH TO WATER = 83.30 FT ( 25.39 M) BELOW THE TOC  
WATER ELEVATION = 216.60 FT ( 66.02 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 19B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1210  
DEPTH TO WATER = 83.72 FT ( 25.52 M) BELOW THE TOC  
WATER ELEVATION = 216.18 FT ( 65.89 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 19B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1521  
DEPTH TO WATER = 83.93 FT ( 25.58 M) BELOW THE TOC  
WATER ELEVATION = 215.97 FT ( 65.83 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 19C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1053  
DEPTH TO WATER = 61.53 FT ( 18.75 M) BELOW THE TOC  
WATER ELEVATION = 238.67 FT ( 72.75 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 19C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1212  
DEPTH TO WATER = 62.55 FT ( 19.07 M) BELOW THE TOC  
WATER ELEVATION = 237.65 FT ( 72.44 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 19C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1519  
DEPTH TO WATER = 62.79 FT ( 19.14 M) BELOW THE TOC  
WATER ELEVATION = 237.41 FT ( 72.36 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 20A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1308  
DEPTH TO WATER = 133.67 FT ( 40.74 M) BELOW THE TOC  
WATER ELEVATION = 220.33 FT ( 67.16 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 20A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1358  
DEPTH TO WATER = 134.20 FT ( 40.90 M) BELOW THE TOC  
WATER ELEVATION = 219.80 FT ( 67.00 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 20A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1717  
DEPTH TO WATER = 135.47 FT ( 41.29 M) BELOW THE TOC  
WATER ELEVATION = 218.53 FT ( 66.61 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 20C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1308  
DEPTH TO WATER = 123.40 FT ( 37.61 M) BELOW THE TOC  
WATER ELEVATION = 229.90 FT ( 70.07 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 20C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1400  
DEPTH TO WATER = 124.24 FT ( 37.87 M) BELOW THE TOC  
WATER ELEVATION = 229.06 FT ( 69.82 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 20C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1717  
DEPTH TO WATER = 124.75 FT ( 38.02 M) BELOW THE TOC  
WATER ELEVATION = 228.55 FT ( 69.66 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 21A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1313  
DEPTH TO WATER = 130.92 FT ( 39.90 M) BELOW THE TOC  
WATER ELEVATION = 222.48 FT ( 67.81 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 21A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1336  
DEPTH TO WATER = 132.67 FT ( 39.83 M) BELOW THE TOC  
WATER ELEVATION = 222.73 FT ( 67.89 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 21A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1713  
DEPTH TO WATER = 132.47 FT ( 40.38 M) BELOW THE TOC  
WATER ELEVATION = 220.93 FT ( 67.34 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 21C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1314  
DEPTH TO WATER = 121.00 FT ( 36.88 M) BELOW THE TOC  
WATER ELEVATION = 232.40 FT ( 70.84 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 21C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1338  
DEPTH TO WATER = 122.19 FT ( 37.24 M) BELOW THE TOC  
WATER ELEVATION = 231.21 FT ( 70.47 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 21C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1711  
DEPTH TO WATER = 123.18 FT ( 37.55 M) BELOW THE TOC  
WATER ELEVATION = 230.22 FT ( 70.17 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 21TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1316  
DEPTH TO WATER = 161.98 FT ( 49.37 M) BELOW THE TOC  
WATER ELEVATION = 192.72 FT ( 58.74 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 21TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1335  
DEPTH TO WATER = 161.96 FT ( 49.37 M) BELOW THE TOC  
WATER ELEVATION = 192.74 FT ( 58.75 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 21TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1712  
DEPTH TO WATER = 163.06 FT ( 49.70 M) BELOW THE TOC  
WATER ELEVATION = 191.64 FT ( 58.41 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 22

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1048  
DEPTH TO WATER = 126.16 FT ( 38.45 M) BELOW THE TOC  
WATER ELEVATION = 232.84 FT ( 70.97 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 22

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 1145  
DEPTH TO WATER = 127.08 FT ( 38.73 M) BELOW THE TOC  
WATER ELEVATION = 231.92 FT ( 70.69 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 22

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1502  
THE WELL WAS DRY.

WELL MSB 23

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 754  
THE WELL WAS DRY.

WELL MSB 23

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/26/88 TIME 941  
THE WELL WAS DRY.

WELL MSB 23

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME  
THE WELL WAS DRY.

WELL MSB 23B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 752  
DEPTH TO WATER = 145.26 FT ( 44.28 M) BELOW THE TOC  
WATER ELEVATION = 226.34 FT ( 68.99 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 23B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/26/88 TIME 939  
DEPTH TO WATER = 146.42 FT ( 44.63 M) BELOW THE TOC  
WATER ELEVATION = 225.18 FT ( 68.64 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 23B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1134  
DEPTH TO WATER = 147.02 FT ( 44.81 M) BELOW THE TOC  
WATER ELEVATION = 224.58 FT ( 68.45 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME  
THE WELL WAS DRY.

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME  
THE WELL WAS DRY.

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1024  
DEPTH TO WATER = 174.27 FT ( 53.12 M) BELOW THE TOC  
WATER ELEVATION = 198.63 FT ( 60.54 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 24

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1417  
DEPTH TO WATER = 143.37 FT ( 43.70 M) BELOW THE TOC  
WATER ELEVATION = 236.83 FT ( 72.19 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 24

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/26/88 TIME 918  
DEPTH TO WATER = 144.42 FT ( 44.02 M) BELOW THE TOC  
WATER ELEVATION = 235.78 FT ( 71.87 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 24

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1330  
DEPTH TO WATER = 144.34 FT ( 44.00 M) BELOW THE TOC  
WATER ELEVATION = 235.86 FT ( 71.89 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 24A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1418  
DEPTH TO WATER = 152.81 FT ( 46.58 M) BELOW THE TOC  
WATER ELEVATION = 228.79 FT ( 69.74 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 24A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/26/88 TIME 920  
DEPTH TO WATER = 154.27 FT ( 47.02 M) BELOW THE TOC  
WATER ELEVATION = 227.33 FT ( 69.29 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 24A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1333  
DEPTH TO WATER = 155.27 FT ( 47.33 M) BELOW THE TOC  
WATER ELEVATION = 226.33 FT ( 68.99 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 25

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 738  
THE WELL WAS DRY.

WELL MSB 25

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/26/88 TIME 927  
THE WELL WAS DRY.

WELL MSB 25

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME  
THE WELL WAS DRY.

WELL MSB 25A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 740  
DEPTH TO WATER = 145.69 FT ( 44.41 M) BELOW THE TOC  
WATER ELEVATION = 220.71 FT ( 67.27 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 25A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/26/88 TIME 929  
DEPTH TO WATER = 146.72 FT ( 44.72 M) BELOW THE TOC  
WATER ELEVATION = 219.68 FT ( 66.94 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 25A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1325  
DEPTH TO WATER = 146.77 FT ( 44.74 M) BELOW THE TOC  
WATER ELEVATION = 219.63 FT ( 66.94 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 26

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 04/01/88 TIME 1435  
THE WELL WAS DRY.

WELL MSB 26

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 04/08/88 TIME 1610  
THE WELL WAS DRY.

WELL MSB 26

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 04/15/88 TIME 1630  
THE WELL WAS DRY.

WELL MSB 26

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 04/22/88 TIME 1115  
THE WELL WAS DRY.

WELL MSB 26

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 04/29/88 TIME 1400  
THE WELL WAS DRY.

WELL MSB 26

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/06/88 TIME 952  
THE WELL WAS DRY.

WELL MSB 26

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/13/88 TIME 1309  
THE WELL WAS DRY.

WELL MSB 26

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/20/88 TIME 1309  
THE WELL WAS DRY.

WELL MSB 26

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 06/27/88 TIME 1342  
THE WELL WAS DRY.

WELL MSB 26

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 06/03/88 TIME 1200  
THE WELL WAS DRY.

WELL MSB 26

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 06/10/88 TIME 1117  
THE WELL WAS DRY.

WELL MSB 26

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 06/17/88 TIME 1026  
THE WELL WAS DRY.

WELL MSB 26

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 06/24/88 TIME 1020  
THE WELL WAS DRY.

WELL MSB 26

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 07/01/88 TIME 1113  
THE WELL WAS DRY.

WELL MSB 26

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 07/08/88 TIME 1211  
THE WELL WAS DRY.

WELL MSB 26

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 07/15/88 TIME 1347  
THE WELL WAS DRY.



WELL MSB 26

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 07/22/88 TIME 1249  
THE WELL WAS DRY.

WELL MSB 26

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 07/29/88 TIME 1408  
THE WELL WAS DRY.

WELL MSB 26

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/05/88 TIME 1156  
THE WELL WAS DRY.

WELL MSB 26

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/12/88 TIME 0857  
THE WELL WAS DRY.

WELL MSB 26

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/19/88 TIME 1117  
THE WELL WAS DRY.

WELL MSB 26

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/26/88 TIME 1006  
THE WELL WAS DRY.

WELL MSB 26

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 09/02/88 TIME 1040  
THE WELL WAS DRY.

WELL MSB 26

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 09/09/88 TIME 1205  
THE WELL WAS DRY.

WELL MSB 26

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 09/16/88 TIME 1054  
THE WELL WAS DRY.

WELL MSB 26

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 09/23/88 TIME 1136  
THE WELL WAS DRY.

WELL MSB 26

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 09/30/88 TIME 1616  
THE WELL WAS DRY.

WELL MSB 26

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/07/88 TIME 1446  
THE WELL WAS DRY.

WELL MSB 26

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME  
THE WELL WAS DRY.

WELL MSB 26A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1344  
DEPTH TO WATER = 134.27 FT ( 40.93 M) BELOW THE TOC  
WATER ELEVATION = 226.63 FT ( 69.08 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 26A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/26/88 TIME 1004  
DEPTH TO WATER = 135.70 FT ( 41.34 M) BELOW THE TOC  
WATER ELEVATION = 225.20 FT ( 68.64 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 26A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1707  
DEPTH TO WATER = 135.86 FT ( 41.41 M) BELOW THE TOC  
WATER ELEVATION = 225.04 FT ( 68.59 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 27

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 04/01/88 TIME 1507  
DEPTH TO WATER = 133.70 FT ( 40.75 M) BELOW THE TOC  
WATER ELEVATION = 241.80 FT ( 73.70 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 27

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 04/08/88 TIME 1555  
DEPTH TO WATER = 133.70 FT ( 40.75 M) BELOW THE TOC  
WATER ELEVATION = 241.80 FT ( 73.70 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 27

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 04/15/88 TIME 1615  
DEPTH TO WATER = 133.69 FT ( 40.75 M) BELOW THE TOC  
WATER ELEVATION = 241.81 FT ( 73.70 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 27

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 04/22/88 TIME 1405  
DEPTH TO WATER = 135.33 FT ( 41.25 M) BELOW THE TOC  
WATER ELEVATION = 240.03 FT ( 73.20 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 27

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 04/29/88 TIME 1459  
DEPTH TO WATER = 135.47 FT ( 41.29 M) BELOW THE TOC  
WATER ELEVATION = 240.17 FT ( 73.16 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 27

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/06/88 TIME 855  
DEPTH TO WATER = 135.05 FT ( 41.16 M) BELOW THE TOC  
WATER ELEVATION = 240.45 FT ( 73.29 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 27

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/13/88 TIME 1144  
DEPTH TO WATER = 135.55 FT ( 41.32 M) BELOW THE TOC  
WATER ELEVATION = 239.95 FT ( 73.14 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 27

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/20/88 TIME 1329  
DEPTH TO WATER = 135.24 FT ( 41.22 M) BELOW THE TOC  
WATER ELEVATION = 240.26 FT ( 73.23 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 27

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 730  
DEPTH TO WATER = 135.33 FT ( 41.25 M) BELOW THE TOC  
WATER ELEVATION = 240.17 FT ( 73.20 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 27

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 06/03/88 TIME 1145  
DEPTH TO WATER = 134.19 FT ( 40.90 M) BELOW THE TOC  
WATER ELEVATION = 241.31 FT ( 73.55 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 27

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 06/10/88 TIME 904  
DEPTH TO WATER = 134.99 FT ( 41.15 M) BELOW THE TOC  
WATER ELEVATION = 240.51 FT ( 73.31 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 27

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 06/17/88 TIME 910  
DEPTH TO WATER = 134.28 FT ( 40.93 M) BELOW THE TOC  
WATER ELEVATION = 241.22 FT ( 73.52 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 27

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 06/24/88 TIME 904  
DEPTH TO WATER = 134.46 FT ( 40.98 M) BELOW THE TOC  
WATER ELEVATION = 241.04 FT ( 73.47 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 27

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 07/01/88 TIME 1155  
DEPTH TO WATER = 135.52 FT ( 41.31 M) BELOW THE TOC  
WATER ELEVATION = 239.98 FT ( 73.15 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 27

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 07/08/88 TIME 1225  
DEPTH TO WATER = 135.27 FT ( 41.23 M) BELOW THE TOC  
WATER ELEVATION = 240.23 FT ( 73.22 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 27

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 07/15/88 TIME 1440  
DEPTH TO WATER = 135.98 FT ( 41.45 M) BELOW THE TOC  
WATER ELEVATION = 239.52 FT ( 73.01 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 27

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 07/22/88 TIME 1207  
DEPTH TO WATER = 135.79 FT ( 41.39 M) BELOW THE TOC  
WATER ELEVATION = 239.71 FT ( 73.06 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 27

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 07/29/88 TIME 1251  
 DEPTH TO WATER = 135.91 FT ( 41.43 M) BELOW THE TOC  
 WATER ELEVATION = 239.59 FT ( 73.05 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 27

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/05/88 TIME 1524  
 DEPTH TO WATER = 135.52 FT ( 41.31 M) BELOW THE TOC  
 WATER ELEVATION = 239.98 FT ( 73.15 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 27

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/12/88 TIME 1021  
 DEPTH TO WATER = 135.70 FT ( 41.36 M) BELOW THE TOC  
 WATER ELEVATION = 239.80 FT ( 73.09 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 27

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/19/88 TIME 1042  
 DEPTH TO WATER = 135.43 FT ( 41.28 M) BELOW THE TOC  
 WATER ELEVATION = 240.07 FT ( 73.17 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 27

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/26/88 TIME 905  
 DEPTH TO WATER = 136.33 FT ( 41.55 M) BELOW THE TOC  
 WATER ELEVATION = 239.17 FT ( 72.90 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 27

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 09/02/88 TIME 1105  
 DEPTH TO WATER = 136.24 FT ( 41.53 M) BELOW THE TOC  
 WATER ELEVATION = 239.26 FT ( 72.95 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 27

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 09/09/88 TIME 1134  
 DEPTH TO WATER = 136.01 FT ( 41.46 M) BELOW THE TOC  
 WATER ELEVATION = 239.49 FT ( 73.00 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 27

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 09/16/88 TIME 1008  
 DEPTH TO WATER = 136.24 FT ( 41.53 M) BELOW THE TOC  
 WATER ELEVATION = 239.26 FT ( 72.95 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 27

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 09/23/88 TIME 955  
 DEPTH TO WATER = 136.22 FT ( 41.52 M) BELOW THE TOC  
 WATER ELEVATION = 239.28 FT ( 72.93 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 27

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 09/30/88 TIME 1423  
 DEPTH TO WATER = 136.38 FT ( 41.57 M) BELOW THE TOC  
 WATER ELEVATION = 239.12 FT ( 72.88 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 27

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/07/88 TIME 1401  
 DEPTH TO WATER = 136.20 FT ( 41.51 M) BELOW THE TOC  
 WATER ELEVATION = 239.30 FT ( 72.94 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 27

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1336  
 DEPTH TO WATER = 136.93 FT ( 41.74 M) BELOW THE TOC  
 WATER ELEVATION = 238.57 FT ( 72.72 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 27A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 728  
 DEPTH TO WATER = 142.70 FT ( 43.50 M) BELOW THE TOC  
 WATER ELEVATION = 232.50 FT ( 70.87 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 27A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/26/88 TIME 907  
 DEPTH TO WATER = 143.76 FT ( 43.82 M) BELOW THE TOC  
 WATER ELEVATION = 231.44 FT ( 70.54 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 27A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1338  
 THE WELL WAS DRY.

WELL MSB 27B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 722  
 DEPTH TO WATER = 148.34 FT ( 45.21 M) BELOW THE TOC  
 WATER ELEVATION = 228.44 FT ( 69.64 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 27B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/26/88 TIME 912  
DEPTH TO WATER = 149.22 FT ( 45.48 M) BELOW THE TOC  
WATER ELEVATION = 227.58 FT ( 69.37 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 27B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1342  
DEPTH TO WATER = 150.10 FT ( 45.75 M) BELOW THE TOC  
WATER ELEVATION = 226.70 FT ( 69.10 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 27TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 725  
DEPTH TO WATER = 177.81 FT ( 54.20 M) BELOW THE TOC  
WATER ELEVATION = 198.79 FT ( 60.59 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 27TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/26/88 TIME 912  
DEPTH TO WATER = 177.81 FT ( 54.02 M) BELOW THE TOC  
WATER ELEVATION = 199.36 FT ( 60.77 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 27TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1340  
DEPTH TO WATER = 178.29 FT ( 54.34 M) BELOW THE TOC  
WATER ELEVATION = 198.31 FT ( 60.45 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 28

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 04/01/88 TIME 1442  
DEPTH TO WATER = 119.61 FT ( 36.46 M) BELOW THE TOC  
WATER ELEVATION = 234.79 FT ( 71.54 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 28

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 04/08/88 TIME 1617  
DEPTH TO WATER = 119.65 FT ( 36.47 M) BELOW THE TOC  
WATER ELEVATION = 234.75 FT ( 71.55 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 28

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 04/15/88 TIME 1639  
DEPTH TO WATER = 119.57 FT ( 36.45 M) BELOW THE TOC  
WATER ELEVATION = 234.83 FT ( 71.58 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 28

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 04/22/88 TIME 1201  
DEPTH TO WATER = 120.15 FT ( 36.62 M) BELOW THE TOC  
WATER ELEVATION = 234.25 FT ( 71.40 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 28

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 04/29/88 TIME 1320  
DEPTH TO WATER = 120.35 FT ( 36.68 M) BELOW THE TOC  
WATER ELEVATION = 234.05 FT ( 71.34 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 28

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/04/88 TIME 959  
DEPTH TO WATER = 120.15 FT ( 36.62 M) BELOW THE TOC  
WATER ELEVATION = 234.25 FT ( 71.40 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 28

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/13/88 TIME 1317  
DEPTH TO WATER = 120.58 FT ( 36.75 M) BELOW THE TOC  
WATER ELEVATION = 233.82 FT ( 71.27 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 28

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/20/88 TIME 1250  
DEPTH TO WATER = 120.35 FT ( 36.68 M) BELOW THE TOC  
WATER ELEVATION = 234.05 FT ( 71.34 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 28

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1324  
DEPTH TO WATER = 120.49 FT ( 36.73 M) BELOW THE TOC  
WATER ELEVATION = 233.91 FT ( 71.30 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 28

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 06/03/88 TIME 1206  
DEPTH TO WATER = 119.88 FT ( 36.54 M) BELOW THE TOC  
WATER ELEVATION = 234.52 FT ( 71.48 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 28

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 06/10/88 TIME 1125  
DEPTH TO WATER = 120.42 FT ( 36.70 M) BELOW THE TOC  
WATER ELEVATION = 233.98 FT ( 71.32 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

MELL MSB 28

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 06/17/88 TIME 1032  
 DEPTH TO WATER = 120.04 FT ( 36.59 M) BELOW THE TOC  
 WATER ELEVATION = 234.36 FT ( 71.43 M) MSL  
 NO WATER WAS EVACUATED FROM THE MELL PRIOR TO SAMPLING

MELL MSB 28

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 06/24/88 TIME 1030  
 DEPTH TO WATER = 120.13 FT ( 36.62 M) BELOW THE TOC  
 WATER ELEVATION = 234.27 FT ( 71.41 M) MSL  
 NO WATER WAS EVACUATED FROM THE MELL PRIOR TO SAMPLING

MELL MSB 28

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 07/01/88 TIME 1125  
 DEPTH TO WATER = 121.02 FT ( 36.89 M) BELOW THE TOC  
 WATER ELEVATION = 233.38 FT ( 71.14 M) MSL  
 NO WATER WAS EVACUATED FROM THE MELL PRIOR TO SAMPLING

MELL MSB 28

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 07/08/88 TIME 1123  
 DEPTH TO WATER = 121.00 FT ( 36.85 M) BELOW THE TOC  
 WATER ELEVATION = 233.51 FT ( 71.17 M) MSL  
 NO WATER WAS EVACUATED FROM THE MELL PRIOR TO SAMPLING

MELL MSB 28

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 07/15/88 TIME 1336  
 DEPTH TO WATER = 121.00 FT ( 36.88 M) BELOW THE TOC  
 WATER ELEVATION = 233.40 FT ( 71.14 M) MSL  
 NO WATER WAS EVACUATED FROM THE MELL PRIOR TO SAMPLING

MELL MSB 28

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 07/22/88 TIME 1255  
 DEPTH TO WATER = 120.86 FT ( 36.84 M) BELOW THE TOC  
 WATER ELEVATION = 233.54 FT ( 71.18 M) MSL  
 NO WATER WAS EVACUATED FROM THE MELL PRIOR TO SAMPLING

MELL MSB 28

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 07/29/88 TIME 1413  
 DEPTH TO WATER = 120.94 FT ( 36.86 M) BELOW THE TOC  
 WATER ELEVATION = 233.46 FT ( 71.16 M) MSL  
 NO WATER WAS EVACUATED FROM THE MELL PRIOR TO SAMPLING

MELL MSB 28

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/05/88 TIME 1143  
 DEPTH TO WATER = 120.90 FT ( 36.85 M) BELOW THE TOC  
 WATER ELEVATION = 233.50 FT ( 71.17 M) MSL  
 NO WATER WAS EVACUATED FROM THE MELL PRIOR TO SAMPLING

MELL MSB 28

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/12/88 TIME 904  
 DEPTH TO WATER = 120.99 FT ( 36.88 M) BELOW THE TOC  
 WATER ELEVATION = 233.41 FT ( 71.14 M) MSL  
 NO WATER WAS EVACUATED FROM THE MELL PRIOR TO SAMPLING

MELL MSB 28

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/19/88 TIME 1123  
 DEPTH TO WATER = 120.86 FT ( 36.84 M) BELOW THE TOC  
 WATER ELEVATION = 233.54 FT ( 71.18 M) MSL  
 NO WATER WAS EVACUATED FROM THE MELL PRIOR TO SAMPLING

MELL MSB 28

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/26/88 TIME 1021  
 DEPTH TO WATER = 121.63 FT ( 37.07 M) BELOW THE TOC  
 WATER ELEVATION = 232.77 FT ( 70.95 M) MSL  
 NO WATER WAS EVACUATED FROM THE MELL PRIOR TO SAMPLING

MELL MSB 28

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 09/02/88 TIME 1033  
 DEPTH TO WATER = 121.55 FT ( 37.05 M) BELOW THE TOC  
 WATER ELEVATION = 232.85 FT ( 70.97 M) MSL  
 NO WATER WAS EVACUATED FROM THE MELL PRIOR TO SAMPLING

MELL MSB 28

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 09/09/88 TIME 1212  
 DEPTH TO WATER = 121.47 FT ( 37.02 M) BELOW THE TOC  
 WATER ELEVATION = 232.93 FT ( 71.00 M) MSL  
 NO WATER WAS EVACUATED FROM THE MELL PRIOR TO SAMPLING

MELL MSB 28

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 09/16/88 TIME 1109  
 DEPTH TO WATER = 121.19 FT ( 36.94 M) BELOW THE TOC  
 WATER ELEVATION = 233.21 FT ( 71.08 M) MSL  
 NO WATER WAS EVACUATED FROM THE MELL PRIOR TO SAMPLING

MELL MSB 28

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 09/23/88 TIME 1144  
 DEPTH TO WATER = 121.95 FT ( 37.17 M) BELOW THE TOC  
 WATER ELEVATION = 232.45 FT ( 70.85 M) MSL  
 NO WATER WAS EVACUATED FROM THE MELL PRIOR TO SAMPLING

MELL MSB 28

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 09/30/88 TIME 1622  
 DEPTH TO WATER = 122.07 FT ( 37.21 M) BELOW THE TOC  
 WATER ELEVATION = 232.33 FT ( 70.82 M) MSL  
 NO WATER WAS EVACUATED FROM THE MELL PRIOR TO SAMPLING

WELL MSB 28

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/07/88 TIME 1453  
DEPTH TO WATER = 122.03 FT ( 37.20 M) BELOW THE TOC  
WATER ELEVATION = 232.37 FT ( 70.83 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 28

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1654  
DEPTH TO WATER = 122.09 FT ( 37.21 M) BELOW THE TOC  
WATER ELEVATION = 232.31 FT ( 70.81 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 28A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1324  
DEPTH TO WATER = 128.14 FT ( 39.06 M) BELOW THE TOC  
WATER ELEVATION = 226.06 FT ( 68.90 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 28A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/26/88 TIME 1018  
DEPTH TO WATER = 129.46 FT ( 39.46 M) BELOW THE TOC  
WATER ELEVATION = 224.74 FT ( 68.50 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 28A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1655  
DEPTH TO WATER = 129.46 FT ( 39.46 M) BELOW THE TOC  
WATER ELEVATION = 224.74 FT ( 68.50 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 29A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1326  
DEPTH TO WATER = 144.29 FT ( 43.98 M) BELOW THE TOC  
WATER ELEVATION = 221.11 FT ( 67.40 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 29A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1523  
DEPTH TO WATER = 144.67 FT ( 44.10 M) BELOW THE TOC  
WATER ELEVATION = 220.75 FT ( 67.28 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 29A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1137  
DEPTH TO WATER = 145.51 FT ( 44.35 M) BELOW THE TOC  
WATER ELEVATION = 219.89 FT ( 67.02 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 29B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1329  
DEPTH TO WATER = 138.60 FT ( 42.25 M) BELOW THE TOC  
WATER ELEVATION = 226.60 FT ( 69.07 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 29B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1520  
DEPTH TO WATER = 139.50 FT ( 42.44 M) BELOW THE TOC  
WATER ELEVATION = 225.90 FT ( 68.86 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 29B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1136  
DEPTH TO WATER = 139.88 FT ( 42.64 M) BELOW THE TOC  
WATER ELEVATION = 225.32 FT ( 68.68 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 29C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1332  
DEPTH TO WATER = 131.73 FT ( 40.15 M) BELOW THE TOC  
WATER ELEVATION = 233.47 FT ( 71.16 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 29C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1520  
DEPTH TO WATER = 132.38 FT ( 40.35 M) BELOW THE TOC  
WATER ELEVATION = 232.82 FT ( 70.96 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 29C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1133  
DEPTH TO WATER = 133.22 FT ( 40.61 M) BELOW THE TOC  
WATER ELEVATION = 231.98 FT ( 70.71 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 29D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1329  
DEPTH TO WATER = 129.60 FT ( 39.50 M) BELOW THE TOC  
WATER ELEVATION = 235.50 FT ( 71.78 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 29D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1522  
DEPTH TO WATER = 130.44 FT ( 39.74 M) BELOW THE TOC  
WATER ELEVATION = 234.64 FT ( 71.52 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 29D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1140  
DEPTH TO WATER = 130.89 FT ( 39.90 M) BELOW THE TOC  
WATER ELEVATION = 234.21 FT ( 71.39 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 29TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1326  
DEPTH TO WATER = 152.97 FT ( 46.63 M) BELOW THE TOC  
WATER ELEVATION = 212.23 FT ( 64.69 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 29TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1524  
DEPTH TO WATER = 153.16 FT ( 46.68 M) BELOW THE TOC  
WATER ELEVATION = 212.04 FT ( 64.65 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 29TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1134  
DEPTH TO WATER = 153.91 FT ( 46.91 M) BELOW THE TOC  
WATER ELEVATION = 211.29 FT ( 64.40 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 30A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1330  
DEPTH TO WATER = 157.81 FT ( 48.10 M) BELOW THE TOC  
WATER ELEVATION = 196.79 FT ( 59.98 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 30A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1324  
DEPTH TO WATER = 157.39 FT ( 47.97 M) BELOW THE TOC  
WATER ELEVATION = 197.21 FT ( 60.11 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 30A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1700  
DEPTH TO WATER = 158.33 FT ( 48.26 M) BELOW THE TOC  
WATER ELEVATION = 196.27 FT ( 59.82 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 30AA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1330  
DEPTH TO WATER = 126.57 FT ( 38.58 M) BELOW THE TOC  
WATER ELEVATION = 226.03 FT ( 68.89 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 30AA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1321  
DEPTH TO WATER = 127.26 FT ( 38.79 M) BELOW THE TOC  
WATER ELEVATION = 225.34 FT ( 68.68 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 30AA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1700  
DEPTH TO WATER = 127.98 FT ( 39.01 M) BELOW THE TOC  
WATER ELEVATION = 224.62 FT ( 68.47 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 30B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1332  
DEPTH TO WATER = 125.41 FT ( 38.23 M) BELOW THE TOC  
WATER ELEVATION = 227.69 FT ( 69.40 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 30B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1320  
DEPTH TO WATER = 126.23 FT ( 38.48 M) BELOW THE TOC  
WATER ELEVATION = 226.87 FT ( 69.15 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 30B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1703  
DEPTH TO WATER = 126.87 FT ( 38.67 M) BELOW THE TOC  
WATER ELEVATION = 226.23 FT ( 68.96 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 30C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 04/01/88 TIME 1447  
DEPTH TO WATER = 119.22 FT ( 36.34 M) BELOW THE TOC  
WATER ELEVATION = 235.68 FT ( 71.84 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 30C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 04/08/88 TIME 1622  
DEPTH TO WATER = 119.18 FT ( 36.33 M) BELOW THE TOC  
WATER ELEVATION = 235.72 FT ( 71.85 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 30C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 04/15/88 TIME 1646  
DEPTH TO WATER = 119.17 FT ( 36.32 M) BELOW THE TOC  
WATER ELEVATION = 235.73 FT ( 71.85 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 30C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 04/22/88 TIME 1137  
DEPTH TO WATER = 119.74 FT ( 36.50 M) BELOW THE TOC  
WATER ELEVATION = 235.16 FT ( 71.68 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 30C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 04/29/88 TIME 1312  
DEPTH TO WATER = 119.89 FT ( 36.54 M) BELOW THE TOC  
WATER ELEVATION = 235.01 FT ( 71.63 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 30C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/06/88 TIME 1004  
DEPTH TO WATER = 119.72 FT ( 36.49 M) BELOW THE TOC  
WATER ELEVATION = 235.18 FT ( 71.68 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 30C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/13/88 TIME 1323  
DEPTH TO WATER = 120.05 FT ( 36.59 M) BELOW THE TOC  
WATER ELEVATION = 234.85 FT ( 71.58 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 30C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/20/88 TIME 1301  
DEPTH TO WATER = 119.96 FT ( 36.56 M) BELOW THE TOC  
WATER ELEVATION = 234.94 FT ( 71.61 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 30C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1333  
DEPTH TO WATER = 119.90 FT ( 36.55 M) BELOW THE TOC  
WATER ELEVATION = 235.00 FT ( 71.63 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 30C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 06/03/88 TIME 1212  
DEPTH TO WATER = 119.47 FT ( 36.41 M) BELOW THE TOC  
WATER ELEVATION = 235.43 FT ( 71.76 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 30C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 06/10/88 TIME 1133  
DEPTH TO WATER = 119.94 FT ( 36.56 M) BELOW THE TOC  
WATER ELEVATION = 234.96 FT ( 71.62 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 30C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 06/17/88 TIME 1038  
DEPTH TO WATER = 119.66 FT ( 36.47 M) BELOW THE TOC  
WATER ELEVATION = 235.24 FT ( 71.70 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 30C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 06/24/88 TIME 1035  
DEPTH TO WATER = 119.76 FT ( 36.50 M) BELOW THE TOC  
WATER ELEVATION = 235.14 FT ( 71.67 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 30C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 07/01/88 TIME 1135  
DEPTH TO WATER = 120.59 FT ( 36.76 M) BELOW THE TOC  
WATER ELEVATION = 234.31 FT ( 71.42 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 30C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 07/08/88 TIME 1205  
DEPTH TO WATER = 120.45 FT ( 36.71 M) BELOW THE TOC  
WATER ELEVATION = 234.45 FT ( 71.46 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 30C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 07/15/88 TIME 1341  
DEPTH TO WATER = 120.47 FT ( 36.72 M) BELOW THE TOC  
WATER ELEVATION = 234.45 FT ( 71.46 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 30C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 07/22/88 TIME 1303  
DEPTH TO WATER = 120.42 FT ( 36.70 M) BELOW THE TOC  
WATER ELEVATION = 234.48 FT ( 71.47 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 30C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 07/29/88 TIME 1418  
DEPTH TO WATER = 120.50 FT ( 36.73 M) BELOW THE TOC  
WATER ELEVATION = 234.40 FT ( 71.45 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 30C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/05/88 TIME 1149  
DEPTH TO WATER = 120.48 FT ( 36.72 M) BELOW THE TOC  
WATER ELEVATION = 234.42 FT ( 71.45 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING



WELL MSB 30C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/12/88 TIME 910  
DEPTH TO WATER = 120.52 FT ( 36.73 M) BELOW THE TOC  
WATER ELEVATION = 234.38 FT ( 71.44 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 30C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/19/88 TIME 1129  
DEPTH TO WATER = 120.40 FT ( 36.70 M) BELOW THE TOC  
WATER ELEVATION = 234.50 FT ( 71.48 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 30C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/26/88 TIME 1013  
DEPTH TO WATER = 121.14 FT ( 36.92 M) BELOW THE TOC  
WATER ELEVATION = 233.76 FT ( 71.25 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 30C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 09/02/88 TIME 1024  
DEPTH TO WATER = 121.07 FT ( 36.90 M) BELOW THE TOC  
WATER ELEVATION = 233.83 FT ( 71.27 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 30C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 09/09/88 TIME 1217  
DEPTH TO WATER = 120.99 FT ( 36.88 M) BELOW THE TOC  
WATER ELEVATION = 233.91 FT ( 71.30 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 30C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 09/16/88 TIME 1102  
DEPTH TO WATER = 121.29 FT ( 36.97 M) BELOW THE TOC  
WATER ELEVATION = 233.61 FT ( 71.21 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 30C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 09/23/88 TIME 1150  
DEPTH TO WATER = 121.54 FT ( 37.05 M) BELOW THE TOC  
WATER ELEVATION = 233.36 FT ( 71.13 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 30C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 09/30/88 TIME 1631  
DEPTH TO WATER = 121.61 FT ( 37.07 M) BELOW THE TOC  
WATER ELEVATION = 233.29 FT ( 71.11 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 30C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/07/88 TIME 1459  
DEPTH TO WATER = 121.52 FT ( 37.04 M) BELOW THE TOC  
WATER ELEVATION = 233.38 FT ( 71.14 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 30C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1703  
DEPTH TO WATER = 121.63 FT ( 37.07 M) BELOW THE TOC  
WATER ELEVATION = 233.27 FT ( 71.10 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 30CC

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1335  
DEPTH TO WATER = 125.91 FT ( 38.38 M) BELOW THE TOC  
WATER ELEVATION = 227.79 FT ( 69.43 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 30CC

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1322  
DEPTH TO WATER = 126.54 FT ( 38.57 M) BELOW THE TOC  
WATER ELEVATION = 227.16 FT ( 69.24 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 30CC

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1705  
DEPTH TO WATER = 127.19 FT ( 38.77 M) BELOW THE TOC  
WATER ELEVATION = 226.51 FT ( 69.04 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 31A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1013  
DEPTH TO WATER = 151.68 FT ( 46.23 M) BELOW THE TOC  
WATER ELEVATION = 195.52 FT ( 59.60 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 31A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1115  
DEPTH TO WATER = 152.05 FT ( 46.35 M) BELOW THE TOC  
WATER ELEVATION = 195.15 FT ( 59.48 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 31A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1600  
DEPTH TO WATER = 153.05 FT ( 46.65 M) BELOW THE TOC  
WATER ELEVATION = 194.15 FT ( 59.18 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 31B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1012  
DEPTH TO WATER = 132.33 FT ( 40.33 M) BELOW THE TOC  
WATER ELEVATION = 215.17 FT ( 65.58 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 31B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1118  
DEPTH TO WATER = 134.06 FT ( 40.86 M) BELOW THE TOC  
WATER ELEVATION = 213.44 FT ( 65.06 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 31B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1555  
DEPTH TO WATER = 134.02 FT ( 40.85 M) BELOW THE TOC  
WATER ELEVATION = 213.44 FT ( 65.07 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 31C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1015  
DEPTH TO WATER = 110.89 FT ( 33.80 M) BELOW THE TOC  
WATER ELEVATION = 236.41 FT ( 72.06 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 31C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1115  
DEPTH TO WATER = 112.15 FT ( 34.18 M) BELOW THE TOC  
WATER ELEVATION = 235.15 FT ( 71.67 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 31C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1557  
DEPTH TO WATER = 112.66 FT ( 34.34 M) BELOW THE TOC  
WATER ELEVATION = 234.64 FT ( 71.52 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 32

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1101  
DEPTH TO WATER = 29.74 FT ( 9.07 M) BELOW THE TOC  
WATER ELEVATION = 225.84 FT ( 68.75 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 32

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1221  
DEPTH TO WATER = 29.96 FT ( 9.13 M) BELOW THE TOC  
WATER ELEVATION = 225.34 FT ( 68.68 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 32

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1526  
DEPTH TO WATER = 29.40 FT ( 9.02 M) BELOW THE TOC  
WATER ELEVATION = 225.70 FT ( 68.79 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 33

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1504  
DEPTH TO WATER = 38.13 FT ( 11.62 M) BELOW THE TOC  
WATER ELEVATION = 218.47 FT ( 66.59 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 33

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1046  
DEPTH TO WATER = 38.46 FT ( 11.72 M) BELOW THE TOC  
WATER ELEVATION = 218.14 FT ( 66.49 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 33

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1402  
DEPTH TO WATER = 38.44 FT ( 11.72 M) BELOW THE TOC  
WATER ELEVATION = 218.16 FT ( 66.50 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 33A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1507  
DEPTH TO WATER = 51.44 FT ( 15.68 M) BELOW THE TOC  
WATER ELEVATION = 203.96 FT ( 62.17 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 33A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1049  
DEPTH TO WATER = 51.67 FT ( 15.75 M) BELOW THE TOC  
WATER ELEVATION = 203.73 FT ( 62.10 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 33A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1406  
DEPTH TO WATER = 51.73 FT ( 15.77 M) BELOW THE TOC  
WATER ELEVATION = 203.67 FT ( 62.08 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 33B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1505  
DEPTH TO WATER = 47.06 FT ( 14.34 M) BELOW THE TOC  
WATER ELEVATION = 208.14 FT ( 63.44 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 33B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1048  
DEPTH TO WATER = 47.14 FT ( 14.37 M) BELOW THE TOC  
WATER ELEVATION = 208.06 FT ( 63.42 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 33B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1408  
DEPTH TO WATER = 47.31 FT ( 14.42 M) BELOW THE TOC  
WATER ELEVATION = 207.89 FT ( 63.37 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 33C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1502  
DEPTH TO WATER = 44.61 FT ( 13.60 M) BELOW THE TOC  
WATER ELEVATION = 210.69 FT ( 64.22 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 33C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1045  
DEPTH TO WATER = 44.76 FT ( 13.64 M) BELOW THE TOC  
WATER ELEVATION = 210.54 FT ( 64.17 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 33C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1409  
DEPTH TO WATER = 44.73 FT ( 13.63 M) BELOW THE TOC  
WATER ELEVATION = 210.57 FT ( 64.18 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 33TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1506  
DEPTH TO WATER = 62.90 FT ( 19.17 M) BELOW THE TOC  
WATER ELEVATION = 192.60 FT ( 58.71 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 33TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1048  
DEPTH TO WATER = 63.15 FT ( 19.25 M) BELOW THE TOC  
WATER ELEVATION = 192.35 FT ( 58.63 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 33TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1404  
DEPTH TO WATER = 63.36 FT ( 19.31 M) BELOW THE TOC  
WATER ELEVATION = 192.14 FT ( 58.56 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 34A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1132  
DEPTH TO WATER = 163.84 FT ( 49.94 M) BELOW THE TOC  
WATER ELEVATION = 219.36 FT ( 66.86 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 34A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1431  
DEPTH TO WATER = 164.51 FT ( 50.14 M) BELOW THE TOC  
WATER ELEVATION = 218.69 FT ( 66.66 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 34A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1453  
DEPTH TO WATER = 165.00 FT ( 50.29 M) BELOW THE TOC  
WATER ELEVATION = 218.20 FT ( 66.51 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 34B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1135  
DEPTH TO WATER = 153.73 FT ( 46.86 M) BELOW THE TOC  
WATER ELEVATION = 229.37 FT ( 69.91 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 34B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1431  
DEPTH TO WATER = 155.45 FT ( 47.38 M) BELOW THE TOC  
WATER ELEVATION = 227.65 FT ( 69.39 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 34B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1457  
DEPTH TO WATER = 155.58 FT ( 47.42 M) BELOW THE TOC  
WATER ELEVATION = 227.52 FT ( 69.35 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 34C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1132  
DEPTH TO WATER = 150.58 FT ( 45.90 M) BELOW THE TOC  
WATER ELEVATION = 232.62 FT ( 70.90 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 34C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1434  
DEPTH TO WATER = 151.84 FT ( 46.28 M) BELOW THE TOC  
WATER ELEVATION = 231.36 FT ( 70.52 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 34C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1500  
DEPTH TO WATER = 152.33 FT ( 46.43 M) BELOW THE TOC  
WATER ELEVATION = 230.87 FT ( 70.37 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 34TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1137  
DEPTH TO WATER = 184.02 FT ( 56.09 M) BELOW THE TOC  
WATER ELEVATION = 198.48 FT ( 60.50 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 34TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1437  
DEPTH TO WATER = 182.29 FT ( 55.56 M) BELOW THE TOC  
WATER ELEVATION = 200.21 FT ( 61.02 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 34TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1504  
DEPTH TO WATER = 184.08 FT ( 56.11 M) BELOW THE TOC  
WATER ELEVATION = 198.42 FT ( 60.48 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 34TB

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1138  
DEPTH TO WATER = 182.33 FT ( 55.57 M) BELOW THE TOC  
WATER ELEVATION = 200.47 FT ( 61.10 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 34TB

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1435  
DEPTH TO WATER = 182.14 FT ( 55.52 M) BELOW THE TOC  
WATER ELEVATION = 200.66 FT ( 61.16 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 34TB

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1509  
DEPTH TO WATER = 183.53 FT ( 55.94 M) BELOW THE TOC  
WATER ELEVATION = 199.27 FT ( 60.74 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 35A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1028  
DEPTH TO WATER = 133.94 FT ( 40.83 M) BELOW THE TOC  
WATER ELEVATION = 217.14 FT ( 66.19 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 35A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1149  
DEPTH TO WATER = 134.71 FT ( 41.06 M) BELOW THE TOC  
WATER ELEVATION = 216.39 FT ( 65.96 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 35A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1542  
DEPTH TO WATER = 135.16 FT ( 41.20 M) BELOW THE TOC  
WATER ELEVATION = 215.94 FT ( 65.82 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 35B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1028  
DEPTH TO WATER = 130.63 FT ( 39.82 M) BELOW THE TOC  
WATER ELEVATION = 221.17 FT ( 67.41 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 35B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1151  
DEPTH TO WATER = 131.44 FT ( 40.06 M) BELOW THE TOC  
WATER ELEVATION = 220.36 FT ( 67.17 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 35B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1545  
DEPTH TO WATER = 131.82 FT ( 40.18 M) BELOW THE TOC  
WATER ELEVATION = 219.98 FT ( 67.05 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 35D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1031  
THE WELL WAS DRY.

WELL MSB 35D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1152  
THE WELL WAS DRY.

WELL MSB 35D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME  
THE WELL WAS DRY.

WELL MSB 357A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1031  
DEPTH TO WATER = 151.91 FT ( 46.50 M) BELOW THE TOC  
WATER ELEVATION = 198.49 FT ( 60.50 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 357A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1150  
DEPTH TO WATER = 152.26 FT ( 46.41 M) BELOW THE TOC  
WATER ELEVATION = 198.14 FT ( 60.39 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 357A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1543  
DEPTH TO WATER = 153.35 FT ( 46.74 M) BELOW THE TOC  
WATER ELEVATION = 197.05 FT ( 60.06 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 36A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1434  
DEPTH TO WATER = 129.55 FT ( 39.49 M) BELOW THE TOC  
WATER ELEVATION = 211.05 FT ( 64.33 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 36A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1103  
DEPTH TO WATER = 129.60 FT ( 39.50 M) BELOW THE TOC  
WATER ELEVATION = 211.00 FT ( 64.31 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 36A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1343  
DEPTH TO WATER = 131.00 FT ( 39.93 M) BELOW THE TOC  
WATER ELEVATION = 209.60 FT ( 63.89 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 36B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1436  
DEPTH TO WATER = 125.34 FT ( 38.20 M) BELOW THE TOC  
WATER ELEVATION = 215.36 FT ( 65.64 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 36B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1107  
DEPTH TO WATER = 126.02 FT ( 38.41 M) BELOW THE TOC  
WATER ELEVATION = 214.68 FT ( 65.44 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 36B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1345  
DEPTH TO WATER = 126.16 FT ( 38.45 M) BELOW THE TOC  
WATER ELEVATION = 214.54 FT ( 65.39 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 36C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1437  
DEPTH TO WATER = 125.31 FT ( 38.19 M) BELOW THE TOC  
WATER ELEVATION = 215.49 FT ( 65.68 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 36C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1105  
DEPTH TO WATER = 125.98 FT ( 38.40 M) BELOW THE TOC  
WATER ELEVATION = 214.82 FT ( 65.48 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 36C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1348  
DEPTH TO WATER = 126.27 FT ( 38.49 M) BELOW THE TOC  
WATER ELEVATION = 214.53 FT ( 65.39 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 36D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1435  
THE WELL WAS DRY.

WELL MSB 36D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1101  
THE WELL WAS DRY.

WELL MSB 36D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1341  
THE WELL WAS DRY.

WELL MSB 36TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1438  
DEPTH TO WATER = 147.16 FT ( 44.85 M) BELOW THE TOC  
WATER ELEVATION = 193.44 FT ( 58.96 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 36TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1100  
DEPTH TO WATER = 147.81 FT ( 45.05 M) BELOW THE TOC  
WATER ELEVATION = 192.79 FT ( 58.76 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 36TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1340  
DEPTH TO WATER = 148.47 FT ( 45.25 M) BELOW THE TOC  
WATER ELEVATION = 192.13 FT ( 58.56 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 37A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1428  
DEPTH TO WATER = 177.99 FT ( 54.25 M) BELOW THE TOC  
WATER ELEVATION = 205.11 FT ( 62.52 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 37A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1501  
DEPTH TO WATER = 176.59 FT ( 53.83 M) BELOW THE TOC  
WATER ELEVATION = 206.51 FT ( 62.95 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 37A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1528  
DEPTH TO WATER = 177.73 FT ( 54.17 M) BELOW THE TOC  
WATER ELEVATION = 205.37 FT ( 62.60 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 37B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1427  
DEPTH TO WATER = 162.56 FT ( 49.85 M) BELOW THE TOC  
WATER ELEVATION = 220.24 FT ( 67.13 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 37B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1505  
DEPTH TO WATER = 163.07 FT ( 49.70 M) BELOW THE TOC  
WATER ELEVATION = 219.73 FT ( 66.97 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 37B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1533  
DEPTH TO WATER = 163.22 FT ( 49.75 M) BELOW THE TOC  
WATER ELEVATION = 219.58 FT ( 66.93 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 37C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1426  
DEPTH TO WATER = 152.01 FT ( 46.53 M) BELOW THE TOC  
WATER ELEVATION = 231.09 FT ( 70.44 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 37C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1504  
DEPTH TO WATER = 152.90 FT ( 46.60 M) BELOW THE TOC  
WATER ELEVATION = 230.20 FT ( 70.17 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 37C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1537  
DEPTH TO WATER = 153.07 FT ( 46.66 M) BELOW THE TOC  
WATER ELEVATION = 230.03 FT ( 70.11 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 37D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1423  
THE WELL WAS DRY.

WELL MSB 37D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1506  
THE WELL WAS DRY.

WELL MSB 37D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1541  
THE WELL WAS DRY.

WELL MSB 37TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1423  
DEPTH TO WATER = 177.76 FT ( 54.18 M) BELOW THE TOC  
WATER ELEVATION = 204.64 FT ( 62.38 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 37TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1502  
DEPTH TO WATER = 177.19 FT ( 54.01 M) BELOW THE TOC  
WATER ELEVATION = 205.21 FT ( 62.55 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 37TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1545  
DEPTH TO WATER = 177.22 FT ( 54.02 M) BELOW THE TOC  
WATER ELEVATION = 205.18 FT ( 62.54 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 38TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1401  
DEPTH TO WATER = 162.94 FT ( 49.66 M) BELOW THE TOC  
WATER ELEVATION = 193.76 FT ( 59.06 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 38TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 1101  
DEPTH TO WATER = 162.94 FT ( 49.66 M) BELOW THE TOC  
WATER ELEVATION = 193.76 FT ( 59.06 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 38TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 935  
DEPTH TO WATER = 163.97 FT ( 49.98 M) BELOW THE TOC  
WATER ELEVATION = 192.73 FT ( 58.74 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 39A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1543  
DEPTH TO WATER = 131.19 FT ( 39.99 M) BELOW THE TOC  
WATER ELEVATION = 210.41 FT ( 64.13 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 39A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1014  
DEPTH TO WATER = 131.18 FT ( 39.98 M) BELOW THE TOC  
WATER ELEVATION = 210.42 FT ( 64.14 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 39A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1303  
DEPTH TO WATER = 132.74 FT ( 40.46 M) BELOW THE TOC  
WATER ELEVATION = 208.86 FT ( 63.66 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 39B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1541  
DEPTH TO WATER = 128.39 FT ( 39.13 M) BELOW THE TOC  
WATER ELEVATION = 213.41 FT ( 65.05 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 39B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1011  
DEPTH TO WATER = 128.37 FT ( 39.13 M) BELOW THE TOC  
WATER ELEVATION = 213.43 FT ( 65.05 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 39B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1304  
DEPTH TO WATER = 129.81 FT ( 39.57 M) BELOW THE TOC  
WATER ELEVATION = 211.99 FT ( 64.62 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 39C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1544  
DEPTH TO WATER = 124.37 FT ( 37.91 M) BELOW THE TOC  
WATER ELEVATION = 217.13 FT ( 66.18 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 39C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1013  
DEPTH TO WATER = 125.01 FT ( 38.10 M) BELOW THE TOC  
WATER ELEVATION = 216.49 FT ( 65.99 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 39C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1301  
DEPTH TO WATER = 125.50 FT ( 38.25 M) BELOW THE TOC  
WATER ELEVATION = 216.00 FT ( 65.84 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 39D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1542  
DEPTH TO WATER = 106.73 FT ( 32.53 M) BELOW THE TOC  
WATER ELEVATION = 234.97 FT ( 71.62 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 39D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1016  
DEPTH TO WATER = 108.10 FT ( 32.95 M) BELOW THE TOC  
WATER ELEVATION = 233.60 FT ( 71.20 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 39D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1258  
DEPTH TO WATER = 108.71 FT ( 33.14 M) BELOW THE TOC  
WATER ELEVATION = 232.99 FT ( 71.02 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 39TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1545  
DEPTH TO WATER = 150.31 FT ( 45.82 M) BELOW THE TOC  
WATER ELEVATION = 191.49 FT ( 58.37 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 39TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1012  
DEPTH TO WATER = 151.27 FT ( 46.11 M) BELOW THE TOC  
WATER ELEVATION = 190.53 FT ( 58.07 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 39TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1259  
DEPTH TO WATER = 151.65 FT ( 46.22 M) BELOW THE TOC  
WATER ELEVATION = 190.15 FT ( 57.96 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 40A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1525  
DEPTH TO WATER = 118.21 FT ( 36.03 M) BELOW THE TOC  
WATER ELEVATION = 202.99 FT ( 61.87 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 40A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1029  
DEPTH TO WATER = 119.06 FT ( 36.29 M) BELOW THE TOC  
WATER ELEVATION = 202.14 FT ( 61.61 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 40A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1612  
DEPTH TO WATER = 119.48 FT ( 36.42 M) BELOW THE TOC  
WATER ELEVATION = 201.72 FT ( 61.49 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 40B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1528  
DEPTH TO WATER = 126.92 FT ( 38.64 M) BELOW THE TOC  
WATER ELEVATION = 204.78 FT ( 62.42 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 40B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1028  
DEPTH TO WATER = 117.94 FT ( 35.95 M) BELOW THE TOC  
WATER ELEVATION = 203.76 FT ( 62.11 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 40B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1613  
DEPTH TO WATER = 118.21 FT ( 36.03 M) BELOW THE TOC  
WATER ELEVATION = 203.49 FT ( 62.02 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 40C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1526  
DEPTH TO WATER = 117.27 FT ( 35.76 M) BELOW THE TOC  
WATER ELEVATION = 204.83 FT ( 62.43 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 40C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1026  
THE WELL WAS DRY.

WELL MSB 40C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1611  
THE WELL WAS DRY.

WELL MSB 40D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1521  
THE WELL WAS DRY.

WELL MSB 40D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1025  
THE WELL WAS DRY.

WELL MSB 40D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1609  
THE WELL WAS DRY.

WELL MSB 40TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1522  
DEPTH TO WATER = 133.23 FT ( 40.61 M) BELOW THE TOC  
WATER ELEVATION = 187.57 FT ( 57.17 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING



WELL MSB 40TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1031  
DEPTH TO WATER = 133.98 FT ( 40.84 M) BELOW THE TOC  
WATER ELEVATION = 186.82 FT ( 56.94 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 40TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1609  
DEPTH TO WATER = 134.31 FT ( 40.94 M) BELOW THE TOC  
WATER ELEVATION = 186.49 FT ( 56.84 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 41A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1523  
DEPTH TO WATER = 107.19 FT ( 32.67 M) BELOW THE TOC  
WATER ELEVATION = 216.61 FT ( 66.02 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 41A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1251  
DEPTH TO WATER = 107.46 FT ( 32.75 M) BELOW THE TOC  
WATER ELEVATION = 216.34 FT ( 65.94 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 41A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1444  
DEPTH TO WATER = 108.01 FT ( 32.92 M) BELOW THE TOC  
WATER ELEVATION = 215.79 FT ( 65.77 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 41B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1526  
DEPTH TO WATER = 107.25 FT ( 32.69 M) BELOW THE TOC  
WATER ELEVATION = 216.75 FT ( 66.07 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 41B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1253  
DEPTH TO WATER = 107.52 FT ( 32.77 M) BELOW THE TOC  
WATER ELEVATION = 216.48 FT ( 65.98 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 41B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1443  
DEPTH TO WATER = 108.07 FT ( 32.94 M) BELOW THE TOC  
WATER ELEVATION = 215.93 FT ( 65.82 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 41C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1524  
DEPTH TO WATER = 107.20 FT ( 32.67 M) BELOW THE TOC  
WATER ELEVATION = 217.40 FT ( 66.26 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 41C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1251  
DEPTH TO WATER = 107.65 FT ( 32.81 M) BELOW THE TOC  
WATER ELEVATION = 216.95 FT ( 66.13 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 41C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1441  
DEPTH TO WATER = 107.87 FT ( 32.88 M) BELOW THE TOC  
WATER ELEVATION = 216.73 FT ( 66.06 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 41D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1522  
THE WELL WAS DRY.

WELL MSB 41D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1249  
THE WELL WAS DRY.

WELL MSB 41D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME  
THE WELL WAS DRY.

WELL MSB 41TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1525  
DEPTH TO WATER = 119.02 FT ( 36.28 M) BELOW THE TOC  
WATER ELEVATION = 204.68 FT ( 62.39 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 41TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1249  
DEPTH TO WATER = 118.86 FT ( 36.23 M) BELOW THE TOC  
WATER ELEVATION = 204.84 FT ( 62.44 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 417A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1440  
DEPTH TO WATER = 119.79 FT ( 36.51 M) BELOW THE TOC  
WATER ELEVATION = 205.91 FT ( 62.15 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 42A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1412  
DEPTH TO WATER = 156.92 FT ( 47.83 M) BELOW THE TOC  
WATER ELEVATION = 219.68 FT ( 66.96 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 42A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 1046  
DEPTH TO WATER = 157.01 FT ( 47.86 M) BELOW THE TOC  
WATER ELEVATION = 219.59 FT ( 66.95 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 42A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 914  
DEPTH TO WATER = 157.66 FT ( 48.06 M) BELOW THE TOC  
WATER ELEVATION = 218.94 FT ( 66.73 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 42B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1413  
DEPTH TO WATER = 148.32 FT ( 45.21 M) BELOW THE TOC  
WATER ELEVATION = 228.18 FT ( 69.55 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 42B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 1048  
DEPTH TO WATER = 149.11 FT ( 45.45 M) BELOW THE TOC  
WATER ELEVATION = 227.39 FT ( 69.31 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 42B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 918  
DEPTH TO WATER = 149.60 FT ( 45.60 M) BELOW THE TOC  
WATER ELEVATION = 226.90 FT ( 69.16 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 42C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1410  
DEPTH TO WATER = 142.37 FT ( 43.39 M) BELOW THE TOC  
WATER ELEVATION = 234.15 FT ( 71.36 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 42C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 1049  
DEPTH TO WATER = 142.95 FT ( 43.57 M) BELOW THE TOC  
WATER ELEVATION = 233.55 FT ( 71.19 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 42C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 921  
DEPTH TO WATER = 143.72 FT ( 43.81 M) BELOW THE TOC  
WATER ELEVATION = 232.78 FT ( 70.95 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 42D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1408  
THE WELL WAS DRY.

WELL MSB 42D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 1051  
THE WELL WAS DRY.

WELL MSB 42D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 925  
THE WELL WAS DRY.

WELL MSB 42TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1407  
DEPTH TO WATER = 173.41 FT ( 52.86 M) BELOW THE TOC  
WATER ELEVATION = 203.29 FT ( 61.96 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 42TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 1045  
DEPTH TO WATER = 172.13 FT ( 52.47 M) BELOW THE TOC  
WATER ELEVATION = 204.57 FT ( 62.35 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 42TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 910  
DEPTH TO WATER = 174.71 FT ( 53.25 M) BELOW THE TOC  
WATER ELEVATION = 201.99 FT ( 61.57 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 43A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1300  
DEPTH TO WATER = 125.60 FT ( 38.28 M) BELOW THE TOC  
WATER ELEVATION = 232.30 FT ( 70.81 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 43A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1512  
DEPTH TO WATER = 126.42 FT ( 38.53 M) BELOW THE TOC  
WATER ELEVATION = 231.48 FT ( 70.56 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 43A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1146  
DEPTH TO WATER = 127.83 FT ( 38.96 M) BELOW THE TOC  
WATER ELEVATION = 230.07 FT ( 70.13 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 43B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1302  
DEPTH TO WATER = 125.54 FT ( 38.27 M) BELOW THE TOC  
WATER ELEVATION = 232.46 FT ( 70.85 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 43B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1513  
DEPTH TO WATER = 126.45 FT ( 38.54 M) BELOW THE TOC  
WATER ELEVATION = 231.55 FT ( 70.58 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 43B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1146  
DEPTH TO WATER = 127.05 FT ( 38.73 M) BELOW THE TOC  
WATER ELEVATION = 230.95 FT ( 70.39 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 43D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1304  
DEPTH TO WATER = 123.26 FT ( 37.57 M) BELOW THE TOC  
WATER ELEVATION = 234.24 FT ( 71.40 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 43D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1509  
DEPTH TO WATER = 124.13 FT ( 37.84 M) BELOW THE TOC  
WATER ELEVATION = 233.37 FT ( 71.13 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 43D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1144  
DEPTH TO WATER = 124.86 FT ( 38.06 M) BELOW THE TOC  
WATER ELEVATION = 232.64 FT ( 70.91 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 43TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1300  
DEPTH TO WATER = 155.31 FT ( 47.34 M) BELOW THE TOC  
WATER ELEVATION = 202.29 FT ( 61.66 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 43TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1509  
DEPTH TO WATER = 155.13 FT ( 47.28 M) BELOW THE TOC  
WATER ELEVATION = 202.47 FT ( 61.71 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 43TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1144  
DEPTH TO WATER = 156.12 FT ( 47.59 M) BELOW THE TOC  
WATER ELEVATION = 201.48 FT ( 61.41 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 44A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1439  
DEPTH TO WATER = 158.30 FT ( 48.25 M) BELOW THE TOC  
WATER ELEVATION = 218.60 FT ( 66.63 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 44A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1445  
DEPTH TO WATER = 158.62 FT ( 48.35 M) BELOW THE TOC  
WATER ELEVATION = 218.28 FT ( 66.53 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 44A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1626  
DEPTH TO WATER = 159.01 FT ( 48.47 M) BELOW THE TOC  
WATER ELEVATION = 217.89 FT ( 66.41 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 44B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1439  
DEPTH TO WATER = 149.98 FT ( 45.71 M) BELOW THE TOC  
WATER ELEVATION = 227.12 FT ( 69.23 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 448

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1444  
DEPTH TO WATER = 150.59 FT ( 45.90 M) BELOW THE TOC  
WATER ELEVATION = 226.51 FT ( 69.04 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 448

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1626  
DEPTH TO WATER = 151.46 FT ( 46.17 M) BELOW THE TOC  
WATER ELEVATION = 225.64 FT ( 68.78 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 44C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1442  
DEPTH TO WATER = 139.27 FT ( 42.45 M) BELOW THE TOC  
WATER ELEVATION = 225.64 FT ( 68.78 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 44C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1448  
DEPTH TO WATER = 140.24 FT ( 42.75 M) BELOW THE TOC  
WATER ELEVATION = 227.66 FT ( 72.44 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 44C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1629  
DEPTH TO WATER = 140.78 FT ( 42.91 M) BELOW THE TOC  
WATER ELEVATION = 227.12 FT ( 72.28 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 45A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1124  
DEPTH TO WATER = 162.71 FT ( 49.59 M) BELOW THE TOC  
WATER ELEVATION = 218.59 FT ( 66.57 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 45A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1416  
DEPTH TO WATER = 163.58 FT ( 49.80 M) BELOW THE TOC  
WATER ELEVATION = 217.72 FT ( 66.36 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 45A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1612  
DEPTH TO WATER = 164.32 FT ( 50.09 M) BELOW THE TOC  
WATER ELEVATION = 216.78 FT ( 66.08 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 45B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1124  
DEPTH TO WATER = 152.07 FT ( 46.35 M) BELOW THE TOC  
WATER ELEVATION = 229.03 FT ( 69.81 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 45B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1415  
DEPTH TO WATER = 153.51 FT ( 46.79 M) BELOW THE TOC  
WATER ELEVATION = 227.59 FT ( 69.37 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 45B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1614  
DEPTH TO WATER = 153.83 FT ( 46.89 M) BELOW THE TOC  
WATER ELEVATION = 227.27 FT ( 69.27 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 45C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1126  
THE WELL WAS DRY.

WELL MSB 45C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1420  
THE WELL WAS DRY.

WELL MSB 45C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME  
THE WELL WAS DRY.

WELL MSB 46A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1447  
DEPTH TO WATER = 155.29 FT ( 47.33 M) BELOW THE TOC  
WATER ELEVATION = 217.41 FT ( 66.27 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 46A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1405  
THE WELL WAS DRY.

WELL MSB 46A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1621  
 DEPTH TO WATER = 156.79 FT ( 47.79 M) BELOW THE TOC  
 WATER ELEVATION = 215.91 FT ( 65.81 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 46B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1447  
 THE WELL WAS DRY.

WELL MSB 46B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1406  
 THE WELL WAS DRY.

WELL MSB 46B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1620  
 THE WELL WAS DRY.

WELL MSB 46C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1451  
 DEPTH TO WATER = 134.82 FT ( 41.09 M) BELOW THE TOC  
 WATER ELEVATION = 237.98 FT ( 72.54 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 46C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1408  
 DEPTH TO WATER = 134.83 FT ( 41.10 M) BELOW THE TOC  
 WATER ELEVATION = 237.97 FT ( 72.53 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 46C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1619  
 THE WELL WAS DRY.

WELL MSB 47B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1153  
 DEPTH TO WATER = 139.60 FT ( 42.55 M) BELOW THE TOC  
 WATER ELEVATION = 229.40 FT ( 69.92 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 47B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1433  
 DEPTH TO WATER = 140.14 FT ( 42.72 M) BELOW THE TOC  
 WATER ELEVATION = 228.86 FT ( 69.76 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 47B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1238  
 DEPTH TO WATER = 140.95 FT ( 42.96 M) BELOW THE TOC  
 WATER ELEVATION = 228.07 FT ( 69.52 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 47C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1151  
 DEPTH TO WATER = 133.85 FT ( 40.80 M) BELOW THE TOC  
 WATER ELEVATION = 235.45 FT ( 71.77 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 47C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1430  
 DEPTH TO WATER = 134.67 FT ( 41.05 M) BELOW THE TOC  
 WATER ELEVATION = 234.63 FT ( 71.52 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 47C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1238  
 DEPTH TO WATER = 135.05 FT ( 41.16 M) BELOW THE TOC  
 WATER ELEVATION = 234.25 FT ( 71.40 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 47D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1150  
 DEPTH TO WATER = 132.73 FT ( 40.46 M) BELOW THE TOC  
 WATER ELEVATION = 236.47 FT ( 72.08 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 47D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1430  
 DEPTH TO WATER = 133.30 FT ( 40.63 M) BELOW THE TOC  
 WATER ELEVATION = 235.90 FT ( 71.90 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 47D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1235  
 DEPTH TO WATER = 133.86 FT ( 40.80 M) BELOW THE TOC  
 WATER ELEVATION = 235.34 FT ( 71.73 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 477A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1154  
 DEPTH TO WATER = 152.00 FT ( 46.33 M) BELOW THE TOC  
 WATER ELEVATION = 217.00 FT ( 66.14 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 477A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1434  
 DEPTH TO WATER = 152.33 FT ( 46.43 M) BELOW THE TOC  
 WATER ELEVATION = 216.67 FT ( 66.04 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 477A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1235  
 DEPTH TO WATER = 152.98 FT ( 46.63 M) BELOW THE TOC  
 WATER ELEVATION = 216.02 FT ( 65.84 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 480

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1340  
 DEPTH TO WATER = 128.51 FT ( 39.17 M) BELOW THE TOC  
 WATER ELEVATION = 234.69 FT ( 71.53 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 480

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1532  
 DEPTH TO WATER = 129.11 FT ( 39.35 M) BELOW THE TOC  
 WATER ELEVATION = 234.09 FT ( 71.35 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 480

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1116  
 DEPTH TO WATER = 129.86 FT ( 39.58 M) BELOW THE TOC  
 WATER ELEVATION = 233.34 FT ( 71.12 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 498

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1449  
 DEPTH TO WATER = 130.16 FT ( 39.67 M) BELOW THE TOC  
 WATER ELEVATION = 204.64 FT ( 62.38 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 498

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 921  
 DEPTH TO WATER = 130.66 FT ( 39.83 M) BELOW THE TOC  
 WATER ELEVATION = 204.14 FT ( 62.22 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 498

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1730  
 DEPTH TO WATER = 131.40 FT ( 40.05 M) BELOW THE TOC  
 WATER ELEVATION = 203.40 FT ( 62.00 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 490

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1450  
 DEPTH TO WATER = 106.53 FT ( 32.47 M) BELOW THE TOC  
 WATER ELEVATION = 227.67 FT ( 69.39 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 490

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 923  
 DEPTH TO WATER = 107.28 FT ( 32.70 M) BELOW THE TOC  
 WATER ELEVATION = 226.92 FT ( 69.17 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 490

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1730  
 DEPTH TO WATER = 107.52 FT ( 32.77 M) BELOW THE TOC  
 WATER ELEVATION = 226.68 FT ( 69.09 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 508

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 928  
 DEPTH TO WATER = 21.74 FT ( 6.63 M) BELOW THE TOC  
 WATER ELEVATION = 202.26 FT ( 61.65 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 508

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 832  
 DEPTH TO WATER = 21.73 FT ( 6.62 M) BELOW THE TOC  
 WATER ELEVATION = 202.27 FT ( 61.65 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 508

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1337  
 DEPTH TO WATER = 21.70 FT ( 6.61 M) BELOW THE TOC  
 WATER ELEVATION = 202.30 FT ( 61.66 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 508

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 927  
 DEPTH TO WATER = 20.73 FT ( 6.32 M) BELOW THE TOC  
 WATER ELEVATION = 202.77 FT ( 61.81 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 50D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 831  
 DEPTH TO WATER = 20.88 FT ( 6.36 M) BELOW THE TOC  
 WATER ELEVATION = 202.62 FT ( 61.76 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 50D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1336  
 DEPTH TO WATER = 20.94 FT ( 6.38 M) BELOW THE TOC  
 WATER ELEVATION = 202.56 FT ( 61.74 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 51B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 911  
 DEPTH TO WATER = 59.13 FT ( 18.02 M) BELOW THE TOC  
 WATER ELEVATION = 204.37 FT ( 62.29 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 51B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 815  
 DEPTH TO WATER = 59.45 FT ( 18.12 M) BELOW THE TOC  
 WATER ELEVATION = 204.05 FT ( 62.20 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 51B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1345  
 DEPTH TO WATER = 59.53 FT ( 18.14 M) BELOW THE TOC  
 WATER ELEVATION = 203.97 FT ( 62.17 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 51D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 910  
 DEPTH TO WATER = 52.65 FT ( 16.05 M) BELOW THE TOC  
 WATER ELEVATION = 209.85 FT ( 63.96 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 51D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 816  
 DEPTH TO WATER = 53.06 FT ( 16.17 M) BELOW THE TOC  
 WATER ELEVATION = 209.44 FT ( 63.84 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 51D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1345  
 DEPTH TO WATER = 53.24 FT ( 16.23 M) BELOW THE TOC  
 WATER ELEVATION = 209.26 FT ( 63.78 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 52B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1516  
 DEPTH TO WATER = 102.82 FT ( 31.34 M) BELOW THE TOC  
 WATER ELEVATION = 219.08 FT ( 66.78 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 52B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1243  
 DEPTH TO WATER = 103.15 FT ( 31.44 M) BELOW THE TOC  
 WATER ELEVATION = 218.75 FT ( 66.68 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 52B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1450  
 DEPTH TO WATER = 103.63 FT ( 31.59 M) BELOW THE TOC  
 WATER ELEVATION = 218.27 FT ( 66.53 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 52D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1515  
 DEPTH TO WATER = 83.25 FT ( 25.37 M) BELOW THE TOC  
 WATER ELEVATION = 238.55 FT ( 72.71 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 52D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1242  
 DEPTH TO WATER = 84.09 FT ( 25.63 M) BELOW THE TOC  
 WATER ELEVATION = 237.71 FT ( 72.45 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 52D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1450  
 DEPTH TO WATER = 84.31 FT ( 25.70 M) BELOW THE TOC  
 WATER ELEVATION = 237.49 FT ( 72.39 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 53C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1602  
 DEPTH TO WATER = 122.21 FT ( 37.25 M) BELOW THE TOC  
 WATER ELEVATION = 225.29 FT ( 68.06 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 53C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1326  
 DEPTH TO WATER = 122.63 FT ( 37.38 M) BELOW THE TOC  
 WATER ELEVATION = 222.87 FT ( 67.93 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 53C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1406  
DEPTH TO WATER = 123.17 FT ( 37.54 M) BELOW THE TOC  
WATER ELEVATION = 222.33 FT ( 67.77 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 53D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1602  
DEPTH TO WATER = 111.10 FT ( 33.86 M) BELOW THE TOC  
WATER ELEVATION = 234.00 FT ( 71.32 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 53D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1327  
DEPTH TO WATER = 111.92 FT ( 34.11 M) BELOW THE TOC  
WATER ELEVATION = 232.92 FT ( 71.07 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 53D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1405  
DEPTH TO WATER = 112.18 FT ( 34.19 M) BELOW THE TOC  
WATER ELEVATION = 232.14 FT ( 70.99 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 54B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1349  
DEPTH TO WATER = 150.56 FT ( 46.89 M) BELOW THE TOC  
WATER ELEVATION = 223.14 FT ( 68.01 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 54B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 823  
DEPTH TO WATER = 151.34 FT ( 46.14 M) BELOW THE TOC  
WATER ELEVATION = 222.34 FT ( 67.77 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 54B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1124  
DEPTH TO WATER = 155.06 FT ( 47.26 M) BELOW THE TOC  
WATER ELEVATION = 218.64 FT ( 66.64 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 54C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1346  
DEPTH TO WATER = 145.30 FT ( 44.29 M) BELOW THE TOC  
WATER ELEVATION = 228.40 FT ( 69.62 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 54C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 823  
DEPTH TO WATER = 146.02 FT ( 44.51 M) BELOW THE TOC  
WATER ELEVATION = 227.68 FT ( 69.40 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 54C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1120  
DEPTH TO WATER = 146.71 FT ( 44.72 M) BELOW THE TOC  
WATER ELEVATION = 226.99 FT ( 69.19 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 54D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1346  
DEPTH TO WATER = 138.37 FT ( 42.18 M) BELOW THE TOC  
WATER ELEVATION = 235.63 FT ( 71.82 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 54D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 827  
DEPTH TO WATER = 139.25 FT ( 42.44 M) BELOW THE TOC  
WATER ELEVATION = 234.75 FT ( 71.55 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 54D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1121  
DEPTH TO WATER = 139.98 FT ( 42.67 M) BELOW THE TOC  
WATER ELEVATION = 234.02 FT ( 71.33 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 54TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1349  
DEPTH TO WATER = 153.48 FT ( 46.78 M) BELOW THE TOC  
WATER ELEVATION = 220.32 FT ( 67.15 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 54TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 826  
DEPTH TO WATER = 154.24 FT ( 47.01 M) BELOW THE TOC  
WATER ELEVATION = 219.56 FT ( 66.92 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 54TA

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1123  
DEPTH TO WATER = 154.85 FT ( 47.20 M) BELOW THE TOC  
WATER ELEVATION = 218.95 FT ( 66.74 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING



WELL MSB 55D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1402  
DEPTH TO WATER = 132.10 FT ( 40.26 M) BELOW THE TOC  
WATER ELEVATION = 236.30 FT ( 72.03 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 55D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 835  
DEPTH TO WATER = 132.95 FT ( 40.52 M) BELOW THE TOC  
WATER ELEVATION = 235.45 FT ( 71.77 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 55D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1131  
DEPTH TO WATER = 133.48 FT ( 40.69 M) BELOW THE TOC  
WATER ELEVATION = 234.92 FT ( 71.60 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 56D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/28/88 TIME 1316  
DEPTH TO WATER = 57.38 FT ( 17.49 M) BELOW THE TOC  
WATER ELEVATION = 222.42 FT ( 67.79 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 56D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/29/88 TIME 848  
DEPTH TO WATER = 57.96 FT ( 17.67 M) BELOW THE TOC  
WATER ELEVATION = 221.84 FT ( 67.62 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 56D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/27/88 TIME 1156  
DEPTH TO WATER = 58.74 FT ( 17.90 M) BELOW THE TOC  
WATER ELEVATION = 221.06 FT ( 67.58 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 61C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1619  
DEPTH TO WATER = 94.05 FT ( 28.66 M) BELOW THE TOC  
WATER ELEVATION = 225.87 FT ( 68.14 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 61C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1347  
DEPTH TO WATER = 94.60 FT ( 28.83 M) BELOW THE TOC  
WATER ELEVATION = 225.00 FT ( 67.97 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 61C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1416  
DEPTH TO WATER = 95.07 FT ( 28.98 M) BELOW THE TOC  
WATER ELEVATION = 222.53 FT ( 67.85 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 61D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/27/88 TIME 1619  
DEPTH TO WATER = 92.41 FT ( 28.17 M) BELOW THE TOC  
WATER ELEVATION = 225.69 FT ( 68.79 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 61D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/27/88 TIME 1348  
DEPTH TO WATER = 93.15 FT ( 28.39 M) BELOW THE TOC  
WATER ELEVATION = 224.95 FT ( 68.57 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL MSB 61D

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/26/88 TIME 1417  
DEPTH TO WATER = 93.43 FT ( 28.48 M) BELOW THE TOC  
WATER ELEVATION = 224.67 FT ( 68.48 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL S 9

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 06/24/88 TIME 1115  
DEPTH TO WATER = 38.70 FT ( 11.80 M) BELOW THE TOC  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL S 15

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 06/24/88 TIME 1055  
DEPTH TO WATER = 39.91 FT ( 12.16 M) BELOW THE TOC  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL S 16

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 06/24/88 TIME 1134  
DEPTH TO WATER = 40.10 FT ( 12.22 M) BELOW THE TOC  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SLN 1

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 07/22/88 TIME 1358  
DEPTH TO WATER = 134.28 FT ( 40.93 M) BELOW THE TOC  
WATER ELEVATION = 169.82 FT ( 51.76 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SLW 1

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 09/23/88 TIME 1257  
DEPTH TO WATER = 135.31 FT ( 41.24 M) BELOW THE TOC  
WATER ELEVATION = 168.79 FT ( 51.45 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SLW 1

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/28/88 TIME 1733  
DEPTH TO WATER = 136.51 FT ( 41.61 M) BELOW THE TOC  
WATER ELEVATION = 167.59 FT ( 51.08 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SLW 2

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 07/22/88 TIME 1450  
DEPTH TO WATER = 122.27 FT ( 37.27 M) BELOW THE TOC  
WATER ELEVATION = 182.33 FT ( 55.57 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SLW 2

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 09/23/88 TIME 1335  
DEPTH TO WATER = 123.24 FT ( 37.56 M) BELOW THE TOC  
WATER ELEVATION = 181.36 FT ( 55.28 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SLW 2

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/28/88 TIME 1819  
DEPTH TO WATER = 124.53 FT ( 37.96 M) BELOW THE TOC  
WATER ELEVATION = 180.07 FT ( 54.89 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SLW 3

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 07/22/88 TIME 1444  
DEPTH TO WATER = 90.88 FT ( 27.70 M) BELOW THE TOC  
WATER ELEVATION = 187.82 FT ( 57.25 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SLW 3

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 09/23/88 TIME 1348  
DEPTH TO WATER = 91.94 FT ( 28.03 M) BELOW THE TOC  
WATER ELEVATION = 186.74 FT ( 56.92 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SLW 3

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/28/88 TIME 1812  
DEPTH TO WATER = 93.36 FT ( 28.46 M) BELOW THE TOC  
WATER ELEVATION = 185.34 FT ( 56.49 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SLW 4

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 07/22/88 TIME 1404  
DEPTH TO WATER = 105.52 FT ( 32.16 M) BELOW THE TOC  
WATER ELEVATION = 195.18 FT ( 59.49 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SLW 4

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 09/23/88 TIME 1306  
DEPTH TO WATER = 106.26 FT ( 32.39 M) BELOW THE TOC  
WATER ELEVATION = 194.44 FT ( 59.27 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SLW 4

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/28/88 TIME 1739  
DEPTH TO WATER = 107.68 FT ( 32.82 M) BELOW THE TOC  
WATER ELEVATION = 193.02 FT ( 58.83 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SLW 5

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 07/22/88 TIME 1415  
DEPTH TO WATER = 50.14 FT ( 15.28 M) BELOW THE TOC  
WATER ELEVATION = 191.86 FT ( 58.48 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SLW 5

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 09/23/88 TIME 1328  
DEPTH TO WATER = 50.53 FT ( 15.40 M) BELOW THE TOC  
WATER ELEVATION = 191.47 FT ( 58.36 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SLW 5

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/28/88 TIME 1749  
DEPTH TO WATER = 50.65 FT ( 15.44 M) BELOW THE TOC  
WATER ELEVATION = 191.35 FT ( 58.32 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SLW 6

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 07/22/88 TIME 1410  
DEPTH TO WATER = 53.80 FT ( 16.40 M) BELOW THE TOC  
WATER ELEVATION = 197.70 FT ( 60.26 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SLW 6

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 09/23/88 TIME 1324  
DEPTH TO WATER = 54.44 FT ( 16.59 M) BELOW THE TOC  
WATER ELEVATION = 197.06 FT ( 60.06 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SLW 6

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/28/88 TIME 1745  
DEPTH TO WATER = 54.63 FT ( 16.65 M) BELOW THE TOC  
WATER ELEVATION = 196.87 FT ( 60.01 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SLW 7

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 07/22/88 TIME 1423  
DEPTH TO WATER = 61.91 FT ( 18.87 M) BELOW THE TOC  
WATER ELEVATION = 169.19 FT ( 51.57 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SLW 7

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 09/23/88 TIME 1314  
DEPTH TO WATER = 61.85 FT ( 18.85 M) BELOW THE TOC  
WATER ELEVATION = 169.25 FT ( 51.59 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SLW 7

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/28/88 TIME 1758  
DEPTH TO WATER = 62.19 FT ( 18.96 M) BELOW THE TOC  
WATER ELEVATION = 168.91 FT ( 51.48 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SLW 8

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 07/22/88 TIME 1435  
DEPTH TO WATER = 64.86 FT ( 19.77 M) BELOW THE TOC  
WATER ELEVATION = 192.64 FT ( 58.72 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SLW 8

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 09/23/88 TIME 1339  
DEPTH TO WATER = 64.90 FT ( 19.78 M) BELOW THE TOC  
WATER ELEVATION = 192.60 FT ( 58.71 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SLW 8

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 10/28/88 TIME 1805  
DEPTH TO WATER = 65.16 FT ( 19.86 M) BELOW THE TOC  
WATER ELEVATION = 192.34 FT ( 58.63 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRW 1

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1719  
THE WELL WAS DRY.

WELL SRW 1

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1117  
THE WELL WAS DRY.

WELL SRW 1

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1235  
THE WELL WAS DRY.

WELL SRW 2

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1714  
DEPTH TO WATER = 104.16 FT ( 31.75 M) BELOW THE TOC  
WATER ELEVATION = 216.44 FT ( 65.97 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRW 2

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1112  
DEPTH TO WATER = 105.22 FT ( 32.07 M) BELOW THE TOC  
WATER ELEVATION = 215.38 FT ( 65.65 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRW 2

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1245  
DEPTH TO WATER = 106.32 FT ( 32.41 M) BELOW THE TOC  
WATER ELEVATION = 214.28 FT ( 65.31 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRW 2A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1712  
DEPTH TO WATER = 112.46 FT ( 34.28 M) BELOW THE TOC  
WATER ELEVATION = 208.14 FT ( 63.44 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRW 2A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1110  
DEPTH TO WATER = 113.77 FT ( 34.68 M) BELOW THE TOC  
WATER ELEVATION = 206.83 FT ( 63.04 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRW 2A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1239  
DEPTH TO WATER = 114.32 FT ( 34.85 M) BELOW THE TOC  
WATER ELEVATION = 206.28 FT ( 62.87 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 2B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1712  
DEPTH TO WATER = 111.54 FT ( 34.00 M) BELOW THE TOC  
WATER ELEVATION = 209.06 FT ( 63.72 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 2B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1111  
DEPTH TO WATER = 112.46 FT ( 34.28 M) BELOW THE TOC  
WATER ELEVATION = 208.14 FT ( 63.44 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 2B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1242  
DEPTH TO WATER = 113.16 FT ( 34.49 M) BELOW THE TOC  
WATER ELEVATION = 207.44 FT ( 63.23 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 3A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1706  
DEPTH TO WATER = 116.71 FT ( 35.57 M) BELOW THE TOC  
WATER ELEVATION = 215.39 FT ( 65.65 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 3A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1106  
DEPTH TO WATER = 117.39 FT ( 35.78 M) BELOW THE TOC  
WATER ELEVATION = 214.71 FT ( 65.44 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 3A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1258  
DEPTH TO WATER = 118.24 FT ( 36.04 M) BELOW THE TOC  
WATER ELEVATION = 213.86 FT ( 65.19 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 4

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1742  
DEPTH TO WATER = 105.25 FT ( 32.08 M) BELOW THE TOC  
WATER ELEVATION = 214.85 FT ( 65.49 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 4

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1146  
DEPTH TO WATER = 105.92 FT ( 32.28 M) BELOW THE TOC  
WATER ELEVATION = 214.18 FT ( 65.28 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 4

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1201  
DEPTH TO WATER = 106.84 FT ( 32.57 M) BELOW THE TOC  
WATER ELEVATION = 213.26 FT ( 65.00 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 5

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1738  
DEPTH TO WATER = 96.20 FT ( 29.32 M) BELOW THE TOC  
WATER ELEVATION = 213.20 FT ( 64.98 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 5

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1142  
DEPTH TO WATER = 96.87 FT ( 29.53 M) BELOW THE TOC  
WATER ELEVATION = 212.53 FT ( 64.78 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 5

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1207  
DEPTH TO WATER = 98.23 FT ( 29.94 M) BELOW THE TOC  
WATER ELEVATION = 211.17 FT ( 64.37 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 6

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1722  
DEPTH TO WATER = 94.01 FT ( 28.65 M) BELOW THE TOC  
WATER ELEVATION = 213.69 FT ( 65.13 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 6

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1122  
DEPTH TO WATER = 95.16 FT ( 29.01 M) BELOW THE TOC  
WATER ELEVATION = 212.54 FT ( 64.78 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 6

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1229  
DEPTH TO WATER = 95.65 FT ( 29.15 M) BELOW THE TOC  
WATER ELEVATION = 212.05 FT ( 64.63 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 7

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1734  
DEPTH TO WATER = 86.94 FT ( 26.50 M) BELOW THE TOC  
WATER ELEVATION = 212.16 FT ( 64.67 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 7

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1138  
 DEPTH TO WATER = 87.69 FT ( 26.73 M) BELOW THE TOC  
 WATER ELEVATION = 211.41 FT ( 64.44 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 7

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1218  
 DEPTH TO WATER = 88.66 FT ( 27.02 M) BELOW THE TOC  
 WATER ELEVATION = 210.44 FT ( 64.14 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 8

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1633  
 DEPTH TO WATER = 78.70 FT ( 24.09 M) BELOW THE TOC  
 WATER ELEVATION = 209.40 FT ( 63.83 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 8

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1042  
 DEPTH TO WATER = 79.26 FT ( 24.16 M) BELOW THE TOC  
 WATER ELEVATION = 208.84 FT ( 63.66 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 8

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1344  
 DEPTH TO WATER = 80.00 FT ( 24.38 M) BELOW THE TOC  
 WATER ELEVATION = 208.10 FT ( 63.43 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 9

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1648  
 DEPTH TO WATER = 53.90 FT ( 16.43 M) BELOW THE TOC  
 WATER ELEVATION = 199.50 FT ( 60.81 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 9

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1054  
 DEPTH TO WATER = 54.99 FT ( 16.76 M) BELOW THE TOC  
 WATER ELEVATION = 198.41 FT ( 60.48 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 9

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1326  
 DEPTH TO WATER = 55.83 FT ( 17.02 M) BELOW THE TOC  
 WATER ELEVATION = 197.57 FT ( 60.22 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 9A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1651  
 DEPTH TO WATER = 54.26 FT ( 16.54 M) BELOW THE TOC  
 WATER ELEVATION = 199.04 FT ( 60.67 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 9A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1056  
 DEPTH TO WATER = 55.25 FT ( 16.84 M) BELOW THE TOC  
 WATER ELEVATION = 198.05 FT ( 60.37 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 9A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1320  
 DEPTH TO WATER = 55.70 FT ( 16.98 M) BELOW THE TOC  
 WATER ELEVATION = 197.60 FT ( 60.23 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 9B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1649  
 DEPTH TO WATER = 53.19 FT ( 16.21 M) BELOW THE TOC  
 WATER ELEVATION = 200.21 FT ( 61.02 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 9B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1054  
 DEPTH TO WATER = 54.50 FT ( 16.61 M) BELOW THE TOC  
 WATER ELEVATION = 198.90 FT ( 60.63 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 9B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1323  
 DEPTH TO WATER = 55.02 FT ( 16.77 M) BELOW THE TOC  
 WATER ELEVATION = 198.38 FT ( 60.47 M) MSL  
 NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 10

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1727  
 THE WELL WAS DRY.

WELL SRM 10

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1128  
 THE WELL WAS DRY.

WELL SRM 10

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1212  
THE WELL WAS DRY.

WELL SRM 11

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1731  
DEPTH TO WATER = 83.90 FT ( 25.57 M) BELOW THE TOC  
WATER ELEVATION = 211.90 FT ( 64.59 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 11

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1133  
DEPTH TO WATER = 84.68 FT ( 25.81 M) BELOW THE TOC  
WATER ELEVATION = 211.12 FT ( 64.35 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 11

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1223  
DEPTH TO WATER = 85.59 FT ( 26.09 M) BELOW THE TOC  
WATER ELEVATION = 210.21 FT ( 64.07 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 12A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1640  
DEPTH TO WATER = 42.11 FT ( 12.84 M) BELOW THE TOC  
WATER ELEVATION = 194.19 FT ( 59.19 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 12A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1046  
DEPTH TO WATER = 43.45 FT ( 13.24 M) BELOW THE TOC  
WATER ELEVATION = 192.87 FT ( 58.79 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 12A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1332  
DEPTH TO WATER = 43.74 FT ( 13.34 M) BELOW THE TOC  
WATER ELEVATION = 192.54 FT ( 58.69 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 12B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1641  
DEPTH TO WATER = 48.08 FT ( 14.65 M) BELOW THE TOC  
WATER ELEVATION = 188.22 FT ( 57.37 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 12B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1048  
DEPTH TO WATER = 49.35 FT ( 15.04 M) BELOW THE TOC  
WATER ELEVATION = 186.95 FT ( 56.98 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 12B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1335  
DEPTH TO WATER = 49.77 FT ( 15.17 M) BELOW THE TOC  
WATER ELEVATION = 186.53 FT ( 56.86 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 12C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1643  
DEPTH TO WATER = 41.51 FT ( 12.65 M) BELOW THE TOC  
WATER ELEVATION = 194.79 FT ( 59.37 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 12C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1046  
DEPTH TO WATER = 42.34 FT ( 12.91 M) BELOW THE TOC  
WATER ELEVATION = 193.96 FT ( 59.12 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 12C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1338  
DEPTH TO WATER = 43.30 FT ( 13.20 M) BELOW THE TOC  
WATER ELEVATION = 193.00 FT ( 58.83 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 13A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1625  
DEPTH TO WATER = 95.62 FT ( 29.15 M) BELOW THE TOC  
WATER ELEVATION = 202.08 FT ( 61.59 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 13A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1032  
DEPTH TO WATER = 96.51 FT ( 29.42 M) BELOW THE TOC  
WATER ELEVATION = 201.19 FT ( 61.32 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 13A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1352  
DEPTH TO WATER = 97.00 FT ( 29.57 M) BELOW THE TOC  
WATER ELEVATION = 200.70 FT ( 61.17 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 13B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1628  
DEPTH TO WATER = 93.44 FT ( 28.48 M) BELOW THE TOC  
WATER ELEVATION = 204.26 FT ( 62.26 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 13B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1035  
DEPTH TO WATER = 94.40 FT ( 28.77 M) BELOW THE TOC  
WATER ELEVATION = 203.30 FT ( 61.97 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 13B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1356  
DEPTH TO WATER = 95.03 FT ( 28.97 M) BELOW THE TOC  
WATER ELEVATION = 202.67 FT ( 61.77 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 13C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1626  
DEPTH TO WATER = 86.92 FT ( 26.49 M) BELOW THE TOC  
WATER ELEVATION = 210.78 FT ( 64.25 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 13C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1033  
DEPTH TO WATER = 87.79 FT ( 26.76 M) BELOW THE TOC  
WATER ELEVATION = 209.91 FT ( 63.98 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 13C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1359  
DEPTH TO WATER = 88.45 FT ( 26.96 M) BELOW THE TOC  
WATER ELEVATION = 209.25 FT ( 63.78 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 14A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1619  
DEPTH TO WATER = 122.45 FT ( 37.32 M) BELOW THE TOC  
WATER ELEVATION = 204.55 FT ( 62.35 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 14A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 954  
DEPTH TO WATER = 123.50 FT ( 37.64 M) BELOW THE TOC  
WATER ELEVATION = 203.50 FT ( 62.03 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 14A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1406  
DEPTH TO WATER = 123.91 FT ( 37.77 M) BELOW THE TOC  
WATER ELEVATION = 203.09 FT ( 61.90 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 14B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1617  
DEPTH TO WATER = 120.34 FT ( 36.68 M) BELOW THE TOC  
WATER ELEVATION = 206.56 FT ( 62.96 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 14B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 955  
DEPTH TO WATER = 121.32 FT ( 36.98 M) BELOW THE TOC  
WATER ELEVATION = 205.58 FT ( 62.68 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 14B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1411  
DEPTH TO WATER = 121.83 FT ( 37.13 M) BELOW THE TOC  
WATER ELEVATION = 205.07 FT ( 62.51 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 14C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1614  
THE WELL WAS DRY.

WELL SRM 14C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 957  
THE WELL WAS DRY.

WELL SRM 14C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1414  
THE WELL WAS DRY.

WELL SRM 15A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1659  
DEPTH TO WATER = 108.18 FT ( 32.97 M) BELOW THE TOC  
WATER ELEVATION = 210.92 FT ( 64.29 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 15A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1152  
DEPTH TO WATER = 109.13 FT ( 33.26 M) BELOW THE TOC  
WATER ELEVATION = 209.97 FT ( 64.00 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 15A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1304  
DEPTH TO WATER = 110.01 FT ( 33.53 M) BELOW THE TOC  
WATER ELEVATION = 209.09 FT ( 63.73 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 15B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1700  
DEPTH TO WATER = 108.13 FT ( 32.96 M) BELOW THE TOC  
WATER ELEVATION = 210.97 FT ( 64.30 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 15B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1152  
DEPTH TO WATER = 109.12 FT ( 33.26 M) BELOW THE TOC  
WATER ELEVATION = 209.98 FT ( 64.00 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 15B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1307  
DEPTH TO WATER = 109.75 FT ( 33.45 M) BELOW THE TOC  
WATER ELEVATION = 209.35 FT ( 63.81 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 15C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1702  
DEPTH TO WATER = 104.51 FT ( 31.86 M) BELOW THE TOC  
WATER ELEVATION = 214.59 FT ( 65.41 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 15C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 1158  
DEPTH TO WATER = 105.48 FT ( 32.15 M) BELOW THE TOC  
WATER ELEVATION = 213.62 FT ( 65.11 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 15C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1310  
DEPTH TO WATER = 106.26 FT ( 32.39 M) BELOW THE TOC  
WATER ELEVATION = 212.84 FT ( 64.87 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 16A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1553  
DEPTH TO WATER = 129.83 FT ( 39.57 M) BELOW THE TOC  
WATER ELEVATION = 216.97 FT ( 66.13 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 16A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 930  
DEPTH TO WATER = 130.82 FT ( 39.87 M) BELOW THE TOC  
WATER ELEVATION = 215.98 FT ( 65.83 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 16A

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1425  
DEPTH TO WATER = 131.94 FT ( 40.22 M) BELOW THE TOC  
WATER ELEVATION = 214.86 FT ( 65.49 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 16B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1556  
DEPTH TO WATER = 129.99 FT ( 39.62 M) BELOW THE TOC  
WATER ELEVATION = 216.81 FT ( 66.08 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 16B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 929  
DEPTH TO WATER = 130.73 FT ( 39.85 M) BELOW THE TOC  
WATER ELEVATION = 216.07 FT ( 65.86 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 16B

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1431  
DEPTH TO WATER = 131.56 FT ( 40.10 M) BELOW THE TOC  
WATER ELEVATION = 215.24 FT ( 65.61 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 16C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 05/26/88 TIME 1554  
DEPTH TO WATER = 129.16 FT ( 39.37 M) BELOW THE TOC  
WATER ELEVATION = 217.44 FT ( 66.28 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SRM 16C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 08/28/88 TIME 932  
DEPTH TO WATER = 129.85 FT ( 39.58 M) BELOW THE TOC  
WATER ELEVATION = 216.75 FT ( 66.07 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING



WELL SRW 16C

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 11/28/88 TIME 1435  
DEPTH TO WATER = 130.72 FT ( 39.84 M) BELOW THE TOC  
WATER ELEVATION = 215.88 FT ( 65.80 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SSS 13

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 06/24/88 TIME 1220  
DEPTH TO WATER = 56.61 FT ( 17.25 M) BELOW THE TOC  
WATER ELEVATION = 171.99 FT ( 52.42 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SSS 14

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 06/24/88 TIME 1227  
DEPTH TO WATER = 29.45 FT ( 8.98 M) BELOW THE TOC  
WATER ELEVATION = 161.65 FT ( 49.27 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SSS 15

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 06/24/88 TIME 1231  
DEPTH TO WATER = 23.02 FT ( 7.02 M) BELOW THE TOC  
WATER ELEVATION = 161.28 FT ( 49.16 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SSS 16

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 06/24/88 TIME 1253  
DEPTH TO WATER = 33.24 FT ( 10.13 M) BELOW THE TOC  
WATER ELEVATION = 194.76 FT ( 59.36 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SSS 17

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 06/24/88 TIME 1307  
DEPTH TO WATER = 25.84 FT ( 7.88 M) BELOW THE TOC  
WATER ELEVATION = 196.86 FT ( 60.00 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SSS 18

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 06/24/88 TIME 1302  
DEPTH TO WATER = 19.59 FT ( 5.97 M) BELOW THE TOC  
WATER ELEVATION = 199.01 FT ( 60.66 M) MSL  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SSS 29

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 06/24/88 TIME 1108  
DEPTH TO WATER = 36.34 FT ( 11.08 M) BELOW THE TOC  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SSS 30

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 06/24/88 TIME 1124  
DEPTH TO WATER = 74.61 FT ( 22.74 M) BELOW THE TOC  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SSS 31

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 06/24/88 TIME 1150  
DEPTH TO WATER = 28.70 FT ( 8.75 M) BELOW THE TOC  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SSS 32

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 06/24/88 TIME 1154  
DEPTH TO WATER = 38.37 FT ( 11.70 M) BELOW THE TOC  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING

WELL SSS 33

MEASUREMENTS CONDUCTED IN THE FIELD

SAMPLE DATE 06/24/88 TIME 1159  
DEPTH TO WATER = 38.66 FT ( 11.78 M) BELOW THE TOC  
NO WATER WAS EVACUATED FROM THE WELL PRIOR TO SAMPLING



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## LOCATION INDEX BY AREA

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### Location

### Well Series

#### 100 AREAS

#### C Area

C-Area Burning/Rubble Pit .....	CRP Well Series
C-Area Coal Pile Runoff Containment Basin .....	CCB Well Series
C-Area Disassembly Basin .....	CDB Well Series
C-Area Reactor Seepage Basins .....	CSB Well Series

#### K Area

K-Area Acid/Caustic Basin .....	KAC Well Series
K-Area Ash Basin .....	KAB Well Series
K-Area Burning/Rubble Pit .....	KRP Well Series
K-Area Coal Pile Runoff Containment Basin .....	KCB Well Series
K-Area Disassembly Basin .....	KDB Well Series
K-Area Reactor Seepage Basin .....	KSB Well Series
K-Area Retention Basin .....	KRB Well Series
K-Area Sludge Land Application Site .....	KSS Well Series

#### L Area

L-Area Acid/Caustic Basin .....	LAC Well Series
L-Area Burning/Rubble Pit .....	LRP Well Series
L-Area Disassembly Basin .....	LDB Well Series
L-Area Oil and Chemical Basin .....	LCO Well Series
L-Area Reactor Seepage Basin .....	LSB Well Series

#### P Area

P-Area Acid/Caustic Basin .....	PAC Well Series
P-Area Burning/Rubble Pit .....	PRP Well Series
P-Area Coal Pile Runoff Containment Basin .....	PCB Well Series
P-Area Disassembly Basin .....	PDB Well Series
P-Area Reactor Seepage Basins .....	PSB Well Series

#### R Area

R-Area Acid/Caustic Basin .....	RAC Well Series
R-Area Burning/Rubble Pits .....	RRP Well Series
Series A, R-Area Reactor Seepage Basins .....	RSA Well Series
Series B, R-Area Reactor Seepage Basins .....	RSB Well Series

# LOCATION INDEX BY AREA

## Location

## Well Series

### 100 AREAS (cont.)

#### R Area (cont.)

Series C, R-Area Reactor Seepage Basins .....	RSC Well Series
Series D, between R-Area Reactor Seepage Basin (904-103G) and R-Area Reactor Building .....	RSD Well Series
Series E, R-Area Reactor Seepage Basins .....	RSE Well Series
Series F, R-Area Reactor Seepage Basins .....	RSF Well Series

### 200 AREAS

#### General

Scattered around F Area and H Area .....	Z Well Series
Scattered in and around F Area and H Area .....	ZW Well Series

#### F Area

F-Area A Line .....	FAL Well Series
F-Area Acid/Caustic Basin .....	FAC Well Series
F-Area Burning/Rubble Pits .....	FBP Well Series
F-Area Canyon Building .....	FCA Well Series
F-Area Coal Pile Runoff Containment Basin .....	FCB Well Series
F-Area Effluent Treatment Facility .....	FET Well Series
F-Area Seepage Basins .....	F Well Series
.....	FSB Well Series
F-Area Sludge Land Application Site .....	FSS Well Series
F-Area Tank Farm .....	FTF Well Series
Old F-Area Seepage Basin .....	FNB Well Series
Naval Fuel Material Facility .....	NBG Well Series

#### H Area

H-Area Acid/Caustic Basin .....	HAC Well Series
H-Area Auxiliary Pump Pit .....	HAP Well Series
H-Area Canyon Building .....	HCA Well Series
.....	HCC Well Series
H-Area Coal Pile Runoff Containment Basin .....	HCB Well Series
H-Area Effluent Treatment Facility .....	HET Well Series
H-Area Retention Basin .....	HR8 Well Series
H-Area Sludge Land Application Site .....	HSS Well Series
H-Area Seepage Basins .....	H Well Series
.....	HSB Well Series
H-Area Tank Farm .....	HTF Well Series
H-Area Tank Farm, between Tanks #9 and #11 .....	241-H Well Series
Old H-Area Retention Basin .....	HR3 Well Series

## LOCATION INDEX BY AREA

### Location

### Well Series

#### 200 AREAS (cont.)

##### S Area

S-Area Background Wells .....	SBG Well Series
S-Area Canyon Building .....	SCA Well Series
S-Area Low Point Pump Pit .....	SLP Well Series

##### Z Area

Z-Area Background Wells .....	ZBG Well Series
Z-Area Low Point Drain Tank .....	ZDT Well Series

#### 300/700 AREAS

A-Area Background Well Near Firing Range .....	ABW Well Series
A-Area Burning/Rubble Pits .....	ARP Well Series
A-Area Cluster Perimeter Wells .....	AC Well Series
A-Area Coal Pile Runoff Containment Basin .....	ACB Well Series
A-Area Metals Burning Pit .....	ABP Well Series
Hazardous Waste Management Facility .....	MSB Well Series
M-Area Plume Definition Wells .....	MSB Well Series
.....	AC Well Series
M-Area Recovery Wells .....	RWM Well Series
M-Area Settling Basin .....	MSB Well Series
Metallurgical Laboratory Seepage Basin .....	AMB Well Series
Miscellaneous Chemical Basin .....	MCB Well Series
Motor Shop Oil Basin .....	AOB Well Series
Savannah River Laboratory Seepage Basins .....	ASB Well Series
Silverton Road Waste Site .....	SRW Well Series

#### 400 AREA

D-Area Burning/Rubble Pits .....	DBP Well Series
D-Area Coal Pile Runoff Containment Basin .....	DCB Well Series
D-Area Oil Disposal Basin .....	DOB Well Series

#### 600 AREAS

##### General

Background Well Near Hawthorne Fire Tower .....	GBW Well Series
Chemicals, Metals, Pesticides Pits .....	CMP Well Series
Intermediate Depth Burial Wells .....	IDB Well Series
Mixed Waste/Hazardous Waste Disposal Facility .....	MWD Well Series
Par Pond Sludge Land Application Site .....	PSS Well Series
Road A Chemical Basin (Baxley Road) .....	BRD Well Series
Sanitary Landfill .....	LFW Well Series
Sewage Sludge Application Sites Wells .....	SSS Well Series
New Sanitary Landfill Piezometer Wells .....	SLW Well Series

## LOCATION INDEX BY AREA

### Location

### Well Series

#### 600 AREAS (cont.)

#### Burial Grounds

Bentonite Test Pit Wells .....	BTP Well Series
Burial Grounds .....	BG Well Series
Burial Grounds Expansion Wells .....	WW Well Series
Burial Grounds Grid Wells .....	BG Well Series
Burial Grounds Perimeter Wells .....	BGO Well Series
Just north of the Burial Grounds .....	BG Well Series
Just outside the fence surrounding the Burial Grounds .....	BG Well Series
Series A, Monitoring Grid Wells for Burial Grounds .....	MGA Well Series
Series C, Monitoring Grid Wells for Burial Grounds .....	MGC Well Series
Series E, Monitoring Grid Wells for Burial Grounds .....	MGE Well Series
Series G, Monitoring Grid Wells for Burial Grounds .....	MGG Well Series
Series I, Monitoring Grid Wells for Burial Grounds .....	MGI Well Series
Special Burial Wells .....	SB Well Series

#### Central Shops

Central Shops Burning/Rubble Pits .....	CSR Well Series
Central Shops Hydrofluoric Acid Spill Area .....	CSA Well Series
Fire Department Training Facility (Central Shops Burnable Oil Basin) .....	CSO Well Series
Ford Building Seepage Basin (Heat Exchanger Repair Facility Basin) .....	HXB Well Series
Hazardous Waste Storage Facility at Central Shops .....	HWS Well Series

#### TNX

New TNX Seepage Basin .....	YSB Well Series
Old TNX Seepage Basin .....	XSB Well Series
TNX Burying Ground .....	TBG Well Series

## LOCATION INDEX BY WELL SERIES

<u>Well Series</u>	<u>Location</u>
ABP Well Series	A-Area Metals Burning Pit
ABW Well Series	A-Area Background Well Near Firing Range
AC Well Series	A-Area Cluster Perimeter Wells
	M-Area Plume Definition Wells
ACB Well Series	A-Area Coal Pile Runoff Containment Basin
AMB Well Series	Metallurgical Laboratory Seepage Basin
AOB Well Series	Motor Shop Oil Basin
ARP Well Series	A-Area Burning/Rubble Pits
ASB Well Series	Savannah River Laboratory Seepage Basins
BG Well Series	Burial Grounds
	Just north of the Burial Grounds
	Just outside the fence surrounding the Burial Grounds
	Burial Grounds Grid Wells
BGO Well Series	Burial Grounds Perimeter Wells
BRD Well Series	Road A Chemical Basin (Baxley Road)
BTP Well Series	Bentonite Test Pit Wells
CCB Well Series	C-Area Coal Pile Runoff Containment Basin
CDB Well Series	C-Area Disassembly Basin
CMP Well Series	Chemicals, Metals, Pesticides Pits
CRP Well Series	C-Area Burning/Rubble Pit
CSA Well Series	Central Shops Hydrofluoric Acid Spill Area
CSB Well Series	C-Area Reactor Seepage Basins
CSO Well Series	Fire Department Training Facility (Central Shops Burnable Oil Basin)
CSR Well Series	Central Shops Burning/Rubble Pits
DBP Well Series	D-Area Burning/Rubble Pits
DCB Well Series	D-Area Coal Pile Runoff Containment Basin
DOB Well Series	D-Area Oil Disposal Basin
F Well Series	F-Area Seepage Basins
FAC Well Series	F-Area Acid/Caustic Basin
FAL Well Series	F-Area A Line
FBP Well Series	F-Area Burning/Rubble Pits
FCA Well Series	F-Area Canyon Building
FCB Well Series	F-Area Coal Pile Runoff Containment Basin
FET Well Series	F-Area Effluent Treatment Facility
FNB Well Series	Old F-Area Seepage Basin
FSB Well Series	F-Area Seepage Basins

# LOCATION INDEX BY WELL SERIES

<u>Well Series</u>	<u>Location</u>
FSS Well Series	F-Area Sludge Land Application Site
FTF Well Series	F-Area Tank Farm
GBW Well Series	Background Well Near Hawthorne Fire Tower
H Well Series	H-Area Seepage Basins
HAC Well Series	H-Area Acid/Caustic Basin
HAP Well Series	H-Area Auxiliary Pump Pit
HCA Well Series	H-Area Canyon Building
HCB Well Series	H-Area Coal Pile Runoff Containment Basin
HCC Well Series	H-Area Canyon Building
HET Well Series	H-Area Effluent Treatment Facility
HR3 Well Series	Old H-Area Retention Basin
HR8 Well Series	H-Area Retention Basin
HSB Well Series	H-Area Seepage Basins
HSS Well Series	H-Area Sludge Land Application Site
HTF Well Series	H-Area Tank Farm
HWS Well Series	Hazardous Waste Storage Facility at Central Shops
HXB Well Series	Ford Building Seepage Basin (Heat Exchanger Repair Facility Basin)
IDB Well Series	Intermediate Depth Burial Wells
KAB Well Series	K-Area Ash Basin
KAC Well Series	K-Area Acid/Caustic Basin
KCB Well Series	K-Area Coal Pile Runoff Containment Basin
KDB Well Series	K-Area Disassembly Basin
KRB Well Series	K-Area Retention Basin
KRP Well Series	K-Area Burning/Rubble Pit
KSB Well Series	K-Area Reactor Seepage Basin
KSS Well Series	K-Area Sludge Land Application Site
LAC Well Series	L-Area Acid/Caustic Basin
LCO Well Series	L-Area Oil and Chemical Basin
LDB Well Series	L-Area Disassembly Basin
LFW Well Series	Sanitary Landfill
LRP Well Series	L-Area Burning/Rubble Pit
LSB Well Series	L-Area Reactor Seepage Basin
MCB Well Series	Miscellaneous Chemical Basin
MGA Well Series	Series A, Monitoring Grid Wells for Burial Grounds
MGC Well Series	Series C, Monitoring Grid Wells for Burial Grounds
MGE Well Series	Series E, Monitoring Grid Wells for Burial Grounds
MGG Well Series	Series G, Monitoring Grid Wells for Burial Grounds
MGI Well Series	Series I, Monitoring Grid Wells for Burial Grounds
MSB Well Series	Hazardous Waste Management Facility
	M-Area Plume Definition Wells
	M-Area Settling Basin
MWD Well Series	Mixed Waste/Hazardous Waste Disposal Facility
NBG Well Series	Naval Fuel Material Facility



## LOCATION INDEX BY WELL SERIES

<u>Well Series</u>	<u>Location</u>
PAC Well Series .....	P-Area Acid/Caustic Basin
PCB Well Series .....	P-Area Coal Pile Runoff Containment Basin
PDB Well Series .....	P-Area Disassembly Basin
PRP Well Series .....	P-Area Burning/Rubble Pit
PSB Well Series .....	P-Area Reactor Seepage Basins
PSS Well Series .....	Par Pond Sludge Land Application Site
RAC Well Series .....	R-Area Acid/Caustic Basin
RRP Well Series .....	R-Area Burning/Rubble Pits
RSA Well Series .....	Series A, R-Area Reactor Seepage Basins
RSB Well Series .....	Series B, R-Area Reactor Seepage Basins
RSC Well Series .....	Series C, R-Area Reactor Seepage Basins
RSD Well Series .....	Series D, between R-Area Reactor Seepage Basin (904-103G) and R-Area Reactor Building
RSE Well Series .....	Series E, R-Area Reactor Seepage Basins
RSF Well Series .....	Series F, R-Area Reactor Seepage Basins
RWM Well Series .....	M-Area Recovery Wells
SB Well Series .....	Special Burial Wells
SBG Well Series .....	S-Area Background Wells
SCA Well Series .....	S-Area Canyon Building
SLP Well Series .....	S-Area Low Point Pump Pit
SLW Well Series .....	New Sanitary Landfill Piezometer Wells
SRW Well Series .....	Silverton Road Waste Site
SSS Well Series .....	Sewage Sludge Application Sites Wells
TBG Well Series .....	TNX Burying Ground
XSB Well Series .....	Old TNX Seepage Basin
YSB Well Series .....	New TNX Seepage Basin
Z Well Series .....	Scattered around F Area and H Area
ZBG Well Series .....	Z-Area Background Wells
ZDT Well Series .....	Z-Area Low Point Drain Tank
ZW Well Series .....	Scattered in and around F Area and H Area
241-H Well Series .....	H-Area Tank Farm, between Tanks #9 and #11



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## RELATED DOCUMENTS

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The following is a brief description of documents pertaining to the ground-water monitoring program.

### Quarterly Reports

The Health Protection Department's Environmental Monitoring Group has published a description of its activities and analytical and field data for each quarter since the beginning of 1986. These quarterly reports are listed below.

HPR-86-158, First Quarter 1986 (revised)  
HPR-86-226, Second Quarter 1986  
HPR-87-002, Third Quarter 1986  
HPR-87-072, Fourth Quarter 1986  
HPR-87-158, First Quarter 1987  
HPR-87-286, Second Quarter 1987  
HPR-87-339, Third Quarter 1987  
HPR-88-098, Fourth Quarter 1987  
HPR-88-238, First Quarter 1988  
HPR-88-300, Second Quarter 1988  
HPR-88-489, Third Quarter 1988

### Annual Reports

*The U.S. Department of Energy Savannah River Site Environmental Report*, which includes groundwater data, is issued annually. Recent reports are listed below.

DPSPU-86-30-1 (Vols. 1 and 2), 1985  
DPSPU-87-30-1 (Vols. 1 and 2), 1986  
DPSPU-88-30-1 (Vols. 1 and 2), 1987  
DPSPU-89-30-1 (Vols. 1 and 2), 1988

### Time Plots

*Time Versus Concentration Plots of Select Parameters from the Groundwater Monitoring Program* provides graphical representations of groundwater data from each monitoring well series. The latest version is listed below.

HPR-88-058, July 1984-June 1987

## RELATED DOCUMENTS

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### Map Book

*Area Maps of Wells Monitored by the Health Protection Department* contains 8.5 in. by 17 in. maps of major areas of SRS. The latest version is listed below.

HPR-87-189, March 31, 1987

### Inventory

*Health Protection Well Inventory* is a listing of all wells, giving their location, elevation, casing type, and dates of installation and abandonment (if applicable). The latest version is listed below.

HPR-89-033, September 30, 1988

### Other Data Reports

Christensen, E. J., and Gordon, D. E., eds. (1983). *Technical Summary of Groundwater Quality Protection Program at Savannah River Plant*. DPST-83-829. This document describes SRS waste disposal sites and analytical monitoring data as of December 1983.

NUS Corporation. (1988). *Geohydrology Program Report*. Environmental Division, Savannah River Operations Office, U.S. Department of Energy. This document describes projects relating to the Geohydrology Program at SRS and their current status and administration.

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