INSTALLATION RESTORATION PROGRAM

Final

SITE INVESTIGATION REPORT
VOLUME II

152nd TACTICAL RECONNAISSANCE GROUP
NEVADA AIR NATIONAL GUARD
RENO CANNON INTERNATIONAL AIRPORT
RENO, NEVADA

April 1994

[redacted]

HAZWRAP SUPPORT CONTRACTOR OFFICE
Oak Ridge, Tennessee 37831
Managed by MARTIN MARIETTA ENERGY SYSTEMS, INC.
For the U.S. Department of Energy under contract DE-AC05-840R21400

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RENO-CANNON INTERNATIONAL AIRPORT
RENO, NEVADA
VOL 2

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OAK RIDGE NATIONAL LABORATORY
P.O. BOX 2567
GRAND JUNCTION, COLORADO 81502

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OAK RIDGE NATIONAL LABORATORY
P.O. BOX 2567
GRAND JUNCTION, COLORADO 81502

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Hazardous Waste Remedial Action Program
Oak Ridge TN

Air National Guard Readiness Center
Andrews Air Force Base, Maryland 20331

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INSTALLATION RESTORATION PROGRAM SITE INVESTIGATION REPORT, Report of Finding of the Environmental Site Investigation of the Reno Air National Guard Base, Reno-Cannon International Airport, Reno, Nevada.

14. Subject Terms
INSTALLATION RESTORATION PROGRAM
RENO AIR NATIONAL GUARD BASE
RENO, NV

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Unclassified	Unclassified	Unclassified	None

APPENDIX A

TECHNICAL MEMORANDA ON FIELD ACTIVITIES

FIELD CHANGE REQUEST FORM

Field change No. 1

Page 1 of 1

Project Site Investigation, Nevada Air National Guard, Reno, Nevada

Project No. None

Applicable Document: SI Workplan

Description: To prevent slip in schedule presented by drilling sub-contract procurement, GSM borings will be performed before piezometer installations.

Reason for change: To prevent further slip in schedule.

Recommended disposition: Proceed with GSM borings as suggested.

Impact on present and completed work: Will prevent locating piezometers in contaminated areas as indicated by GSM survey.

Final disposition:

Requested by: Frank Gardner, ORNL Site Project Manager.

Field/Project Manager: Frank Gardner

Approvals:

HAZWRAP Project Manager: Dwight Robertson

Note: The HAZWRAP Project Manager is notified of the need for change in project cost, schedule direction, or scope. This form does NOT satisfy Sect. 3 "Changes," of contract Terms and Conditions.

FIELD CHANGE REQUEST FORM

Field change No. 2

Page 1 of 1

Project Site Investigation, Nevada Air National Guard, Reno, Nevada

Project No. None

Applicable Document: SI Workplan

Description: Increased use of Geoprobe to for waste minimization.

Reason for change: To minimize auger cuttings requiring containerization and potential disposal.

Recommended disposition: Proceed with Geoprobe in conjunction with use of augers to provide screening data for soils and help locate soil borings.

Impact on present and completed work: Has provided soil screening without generating additional auger cuttings.

Final disposition:

Requested by: Frank Gardner, ORNL Site Project Manager.

Field/Project Manager: Frank Gardner

Approvals:

HAZWRAP Project Manager: Dwight Robertson

Note: The HAZWRAP Project Manager is notified of the need for change in project cost, schedule direction, or scope. This form does NOT satisfy Sect. 3 "Changes," of contract Terms and Conditions.

fldchng.frm

FIELD CHANGE REQUEST FORM

Field change No. 3

Page 1 of 1

Project Site Investigation, Nevada Air National Guard, Reno, Nevada

Project No. None

Applicable Document: SI Workplan

Description: Omitting GC field screening of piezometer water samples.

Reason for change: Not needed as result of performing GSM survey prior to piezometer installation. Extensive GSM screening data was used to locate piezometers outside zones of suspected contamination.

Recommended disposition: Proceed with change

Impact on present and completed work: Will save significant field effort and associated costs.

Final disposition:

Requested by: Frank Gardner, ORNL Site Project Manager.

Field/Project Manager: Frank Gardner

Approvals:

HAZWRAP Project Manager: Dwight Robertson

Note: The HAZWRAP Project Manager is notified of the need for change in project cost, schedule direction, or scope. This form does NOT satisfy Sect. 3 "Changes," of contract Terms and Conditions.

fdchng.frm

OAK RIDGE NATIONAL LABORATORY
OPERATED BY MARTIN MARIETTA ENERGY SYSTEMS, INC.

GRAND JUNCTION OFFICE
P. O. BOX 2567
GRAND JUNCTION, COLORADO 81502

June 24, 1992

Michael J. Anderson
State of Nevada
Department of Conservation and Natural Resources
Division of Water Resources
Capitol Complex
123 W. Nye Lane
Carson City, Nevada 89710

RE: Application for blanket approval of 34 monitor wells for site characterization at the Nevada Air National Guard Base at the Reno, Cannon International Airport, Washoe County, Nevada; Location N19 E20 19

This letter is being sent in lieu of application for drilling permits for the installations of 34 monitor wells. The monitor wells are planned as part of the Site Investigation of nine separate sites located on the above facility. A waiver (M/O-468) was previously granted by your organization for a UST investigation at the same facility. The wells were never installed during that investigation as they were not needed. Attached is a copy of the Site Investigation Sampling and Analysis Plan which presents the proposed well locations and well construction methods for which this waiver is being requested.

If you should need any additional information, please contact me at (303) 248-6238.

Sincerely,

Frank Gardner
Site Project Manager

FGG/

cc: File

BOB MILLER
Governor

STATE OF NEVADA
A-5

PETER G. MORROS
Director

R. MICHAEL TURNIPSEED, P.E.
State Engineer

DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES

DIVISION OF WATER RESOURCES

Capitol Complex
123 W. Nye Lane
Carson City, Nevada 89710
(702) 687-4380

Waiver - M/O-571

July 20, 1992

Frank Gardner
Site Project Manager
Oak Ridge National Labs
P.O. Box 2567
Grand Junction, CO 81502

Re: Thirty-four (34) monitor wells (total) for Petroleum Hydrocarbon Site Assessment at nine separate locations, Nevada Air Gard and Reno Airport properties, Reno, Nevada; Local Nos = 087 N19 E20 19

Dear Mr. Gardner:

As provided in Section 534.450 of the Regulation for Water Well and Related Drilling, as adopted under Chapter 534 of the Nevada Administrative Code, and for good cause shown, authorization is herewith granted to complete the subject wells as described in your letter dated June 24, 1992. This office waives only NAC Sections 534.360(3), 534.380(1), 534.380(8) and 534.435(2) of the regulation. The annulus of each well must be cemented with cement slurry with no more than 3% bentonite by weight from the approximate depth of the two foot bentonite plug to land surface. Full compliance with the remainder of the statute and regulation is required. The subject wells must be properly plugged and abandoned as required under NAC 534.420 upon project completion or one year from the date of this letter, whichever occurs first. Please include as accurate a description as possible of the location of each well on the completion reports. It is expressly understood this authorization does not relieve the operator of the permitting requirements of other state, federal and local agencies.

If any questions arise please contact this office at 702-687-4380.

Sincerely,

Thomas K. Gallagher, P.E.
Hydraulic Engineer III

TKG/jjs
cc: NDEP

STATE OF NEVADA
BOB MILLER
Governor

PETER G. MORROS
Director

L. H. DODGION
Administrator

Administration	(702) 687-4670
Air Quality	687-5065
Mining Regulation and Reclamation	687-4670
Waste Management	687-5872
Federal Facilities	687-3880
Wastewater Treatment Services	687-5870
Water Permits and Compliance	687-4670
Water Quality Planning	687-4670
FAX	885-6800

DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES

DIVISION OF ENVIRONMENTAL PROTECTION

123 W. Nye Lane

Carson City, Nevada 89710

July 22, 1992

Captain John C. Peck
Environmental Program Manager
Nevada Air National Guard MSS/DEV
1776 National Guard Way
Reno, Nevada 89502-4494

Dear Captain Peck:

The Nevada Division of Environmental Protection has reviewed the Site Investigation Work Plan and Sampling and Analysis Plan for the Site Investigation (SI) to be conducted at Nevada Air National Guard, Reno Cannon Airport. In general, the Plans appear to be sufficient for this phase of the SI. The Division is pleased with the results of the ground water screening method (GSM) implemented at other environmental site investigations. However, the Division requires that the following procedures be added to the SI Work Plan.

1) Drill cuttings may be used to back-fill soil borings if the cuttings are not visually contaminated, and no contamination is detected in the field by gas chromatograph and/or photoionizing detector. Otherwise, borings should be backfilled with cement grout.

2) Two down-gradient monitoring wells, and the proposed piezometers, should be sufficient to monitor ground water beneath sites where the GSM detects no contamination. At sites where the GSM detects ground water contamination, a minimum of four monitoring wells are required: one "clean" well located up-gradient of the site, two down-gradient wells, and one well located in the area of highest contamination as defined by the GSM.

3) Prior to collecting ground water samples from GSM borings and monitoring wells, determine if light non-aqueous phase liquids (LNAPL) are present. If LNAPL are present:

A) Measure and record LNAPL thickness;

B) Collect and analyze a LNAPL sample for identification of the product.

If LNAPL are not detected, collect ground water samples as proposed.

4) It is my understanding that the scope of this SI includes the second and third quarterly sampling events, and the repair of damaged well heads at the Ramp Apron Rapid Response Initiative Site. Please confirm the quarterly sampling/repair schedule for this site.

5) The SI Report should include isoconcentration maps for contaminated soil and ground water, ground water potentiometric maps, and LNAPL thickness maps.

The Division approves of the proposed SI schedule with the addition of a "progress report" meeting to be held soon after the demobilization of the field program (May 1993). Please add this meeting to the Site Investigation Schedule, Work Plan Figure 7.1.

Enclosed for your information and use is a copy of the Division's Contaminated Soil and Ground Water Remediation Policy dated June 25, 1992. The Policy should be referred to when establishing applicable or relevant and appropriate environmental and public health requirements (ARARs).

I am looking forward to the start of the field investigation at Nevada Air National Guard in September. If you have any questions, please contact me at the Bureau of Federal Facilities' new telephone number: (702) 687-5872.

Sincerely,

T. Nevan Kane
Hydrogeologist, C.E.M.
DOD Branch
Bureau of Federal Facilities

TNK/db

Enclosure

cc: Dave Minedew, NDEP
Frank Gardener, ORNL

ORNL/GJ

FACSIMILE TRANSMISSION ROUTING SHEET

DATE 1-15-93

SENT FROM: OAK RIDGE NATIONAL LABORATORY/GRAND JUNCTION OFFICE
FTS/COMMERCIAL: 303-248-6147

VERIFICATION:
COMMERCIAL: 303-248-6212 OR 303-248-6216

TO: Gil Ellis 702 334 2490

FROM: Frank Gardner

SPECIAL INSTRUCTIONS:

Gil-
Attached are water quality data sheets relative to Nevada Air Guard Site Investigation. Hard copy to follow in mail.
Frank

THIS TRANSMITTAL CONSISTED OF 5 PAGES (EXCLUDING COVER SHEET)

OAK RIDGE NATIONAL LABORATORY
OPERATED BY MARTIN MARIETTA ENERGY SYSTEMS, INC.

GRAND JUNCTION OFFICE
P. O. BOX 2567
GRAND JUNCTION, COLORADO 81502

April 30, 1993

Jim Williams
Bureau Chief
Bureau of Water Pollution Control
Division of Environmental Protection
123 W. Nye Lane
Carson City, NV 89710

Permission for Discharge of Purge Water From Site Investigation at the Nevada Air National Guard, Reno, Nevada

Dear Mr. Williams:

As per John Nelson instructions, I am writing you to formally request permission to discharge approximately 500 gal of purge water generated during site investigation activities at the above-referenced site. The water was analyzed using CLP methods for volatiles, semivolatiles, and metals. TPH analysis was performed using modified 8015 for both gasoline and JP-4 standards. Copies of the results are enclosed. The water contains approximately 10 $\mu g/l$ of benzene and trace amounts of chloroform, ethylbenzene, and xylenes, all of which should be digested anaerobically by the soil. Discharge, if approved, would be performed in the area indicated in the attached map of the site. The area is relatively flat, void of any vegetation, and removed from any active storm drains.

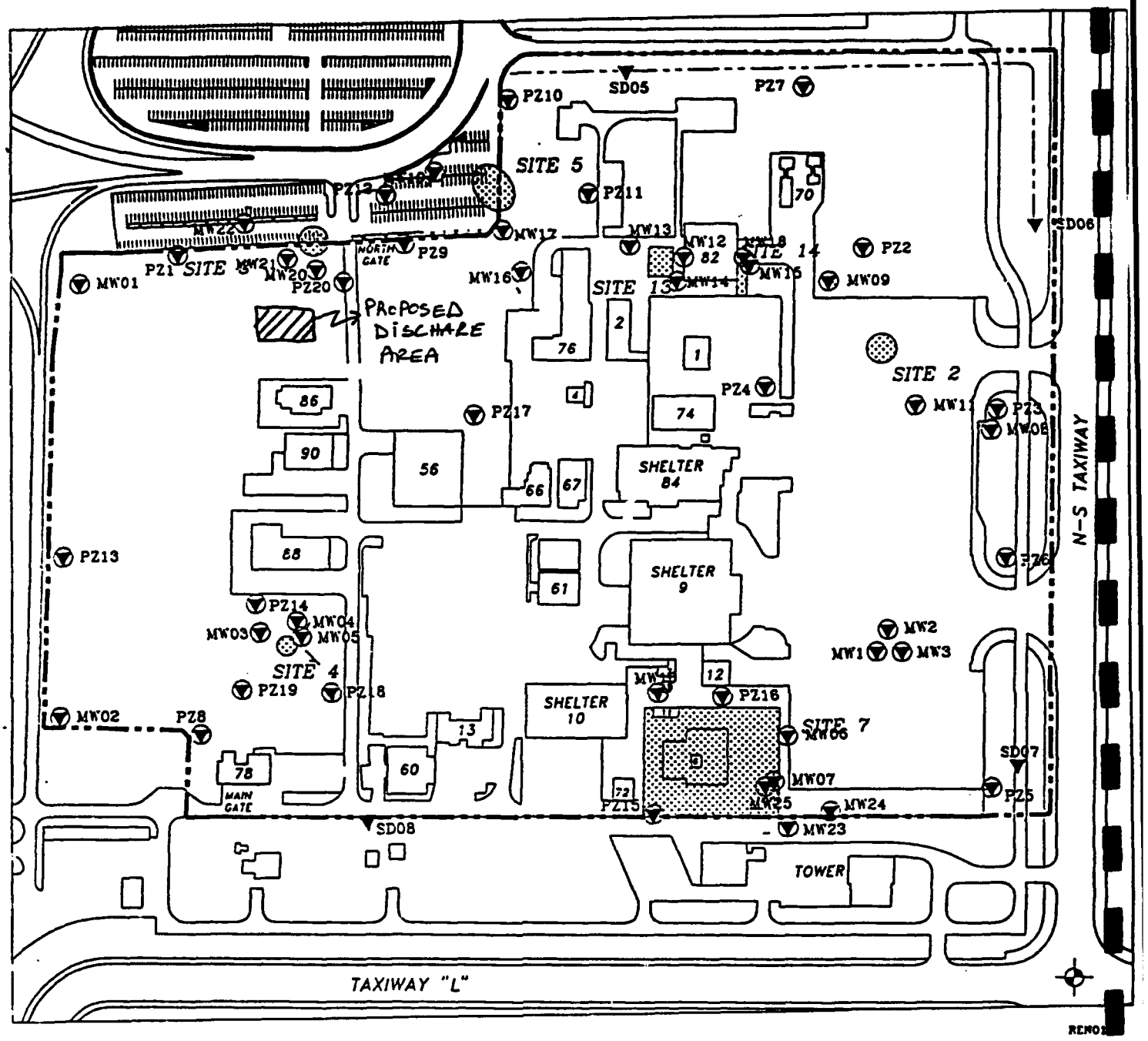
Please contact me at (303) 248-6238 with any questions or comments.

Sincerely,

Frank Gardner
Site Project Manager/EM-1205

Enclosures

cc: Capt. John Peck (NVANG)
Dwight Robertson (HAZWRAP)



ORNL/PAG
SITE INVESTIGATION
152nd TRG
NEVADA AIR NATIONAL GUARD
RENO CANNON INTERNATIONAL AIRPORT
RENO, NEVADA

MATCH POINT FOR OFF-BASE SITES
STUDY SITE
BASE BOUNDARY
PIEZOMETER/MONITORING WELL
SEDIMENT SAMPLE LOCATION

FEET
0 75 150 300
0 15 30 60 90
METERS

N.

NVANG SI Report
Final - April 1994

STATE OF NEVADA
BOB MILLER
Governor

L. H. DODGION
Administrator

PETER G. MORROS
Director

Administration	(702) 687-4670
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Mining Regulation and Reclamation	687-4675
Water Quality Planning	687-5883
Water Pollution Control	687-5870
Fax	687-5856

Waste Management	687-5872
Chemical Hazards Management	687-5872
Federal Facilities	687-5872
Fax	885-0868

DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL PROTECTION
Capitol Complex
333 W. Nye Lane
Carson City, Nevada 89710

May 11, 1993

Frank Gardner
Site Project Manager/EM-1205
Oak Ridge National Laboratory
P.O. Box 2567
Grand Junction, CO 81502

Re: Discharge of Purge Water; Nevada Air National Guard

Dear Mr. Gardner:

This is in response to your letter of April 30, 1993 to John Nelson which requested permission to dispose of 500 gallons of purge water from a site investigation at the Nevada Air National Guard.

Permission is hereby granted to dispose of 500 gallons of purge water of a quality described in the attachments to your letter of April 30, 1993 in the area identified on the attached map of the site.

Notify me, in writing , when the disposal has been accomplished.

If you have any questions call me at (702) 687-5870.

Sincerely,

James B. Williams Jr.

James B. Williams, Jr., P.E.
Chief, Bureau of
Water Pollution Control

JBW/kb:WP4
Gardner.jbw

OAK RIDGE NATIONAL LABORATORY
OPERATED BY MARTIN MARIETTA ENERGY SYSTEMS, INC.

GRAND JUNCTION OFFICE
P. O. BOX 2567
GRAND JUNCTION, COLORADO 81502

June 14, 1993

Jim Williams
Bureau Chief
Bureau of Water Pollution Control
Division of Environmental Protection
123 W. Nye Lane
Carson City, NV 89710

Discharge of Purge Water at Nevada Air National Guard

Dear Mr. Williams:

This is in response to your letter dated May 11, 1993 granting permission to dispose of 500 gallons of purge water to the quality described in the attachments to my letter of April 30, 1993. The purge water was disposed of in the prescribed manner on June 2, 1993.

If you should have any questions, please call me at (303) 248-6238.

Sincerely,

Frank Gardner
Site Project Manager/EM-1205

cc: Capt. John Peck (NVANG)
Dwight Robertson (HAZWRAP)

APPENDIX B

MONITORING WELL/PIEZOMETER/BOREHOLE RECORDS AND CASING/GROUND ELEVATION DATA

APPENDIX B

MONITORING WELL, PIEZOMETER, AND BOREHOLE RECORDS; CASING- AND GROUND-ELEVATION DATA

This appendix contains the monitoring well, piezometer, and borehole records and casing-elevation data. Table B-1 presents casing elevations for monitoring wells and piezometers. Table B-2 presents east and north location coordinates for monitoring and piezometers. A legend with lithologic symbols is presented as a general guideline for the types of lithology. Well summary forms for MW01 through MW25 are presented first, followed by piezometer forms for PZ01 through PZ20. Borehole forms for soil borings BH01 through BH34 are presented last.

Table B-1. Casing- and ground-elevation data

Well Number	Ground Elevation, ft amsl[a]	Casing Elevation, ft amsl	Screened Inverval, ft bgs[b]
MW01	4406.71	4406.11	6.0 to 16.0
MW02	4405.05	4404.62	7.0 to 17.0
MW03	4404.17	4404.38	6.0 to 16.0
MW04	4404.02	4403.69	6.0 to 16.0
MW05	4403.96	4403.61	6.0 to 11.0
MW06	4399.05	4398.69	4.5 to 14.5
MW07	4398.25	4397.90	4.0 to 14.0
MW08	4399.37	4399.21	4.0 to 14.0
MW09	4402.14	4401.97	4.0 to 14.0
MW10	4400.85	4400.79	3.0 to 13.0
MW11	4400.58	4400.09	4.0 to 14.0
MW12	4402.96	4402.50	6.0 to 16.0
MW13	4402.98	4402.48	6.0 to 16.0
MW14	4402.73	4402.13	5.5 to 15.5
MW15	4402.75	4402.77	3.5 to 13.5
MW16	4404.29	4404.17	6.5 to 16.5
MW17	4402.74	4402.50	4.0 to 14.0
MW18	4402.80	4402.57	4.5 to 14.5
MW19	4404.26	4404.11	6.5 to 16.5
MW20	4403.14	4403.05	6.0 to 16.0
MW21	4403.44	4403.29	6.0 to 16.0
MW22	4405.05	4404.65	6.0 to 16.0
MW23	4399.72	4399.40	5.0 to 15.0
MW24	4398.89	4398.67	5.0 to 15.0
MW25	4398.19	4397.78	3.0 to 13.0

Table B-1. (continued)

Well Number	Ground Elevation, ft amsl[a]	Casing Elevation, ft amsl	Screened Inverval, ft bgs[b]
PZ01	4405.81	4405.49	11.0 to 16.0
PZ02	4401.20	4401.12	10.0 to 15.0
PZ03	4399.06	4498.62	11.0 to 16.0
PZ04	4401.43	4401.09	11.0 to 16.0
PZ05	4397.59	4397.28	11.0 to 16.0
PZ06	4397.34	4397.23	10.5 to 15.5
PZ07	4403.96	4403.53	11.0 to 16.0
PZ08	4404.51	4404.44	10.0 to 15.0
PZ09	4403.43	4403.28	10.5 to 15.5
PZ10	4404.15	4403.88	10.0 to 15.0
PZ11	4403.85	4404.00	10.0 to 15.0
PZ12	4404.80	4404.65	10.0 to 15.0
PZ13	4405.77	4405.72	10.0 to 15.0
PZ14	4404.09	4403.85	10.5 to 15.5
PZ15	4399.55	4399.55	10.0 to 15.0
PZ16	4400.04	4400.13	10.5 to 15.5
PZ17	4403.64	4403.54	10.5 to 15.5
PZ18	4403.77	4403.60	10.0 to 15.0
PZ19	4404.30	4404.41	10.0 to 15.0
PZ20	4404.47	4404.25	10.5 to 15.5

[a] feet above mean sea level

[b] feet below ground surface

Table B.2. Coordinates of monitoring wells and piezometers.

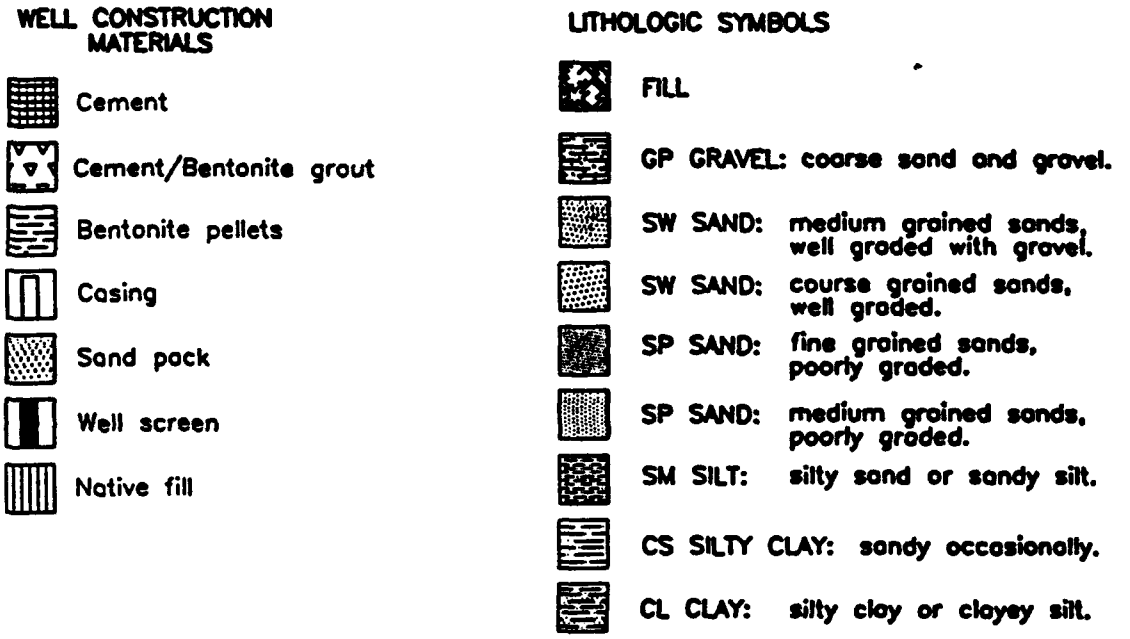
Well	East coordinate	North coordinate
MW01	14850407.97	2292392.03
MW02	14850646.87	2291479.77
MW03	14850765.21	2291685.76
MW04	14850838.94	2291707.51
MW05	14850847.42	2291676.47
MW06	14851808.83	2291458.85
MW07	14851781.73	2291368.01
MW08	14852213.69	2292066.75
MW09	14851893.76	2292372.09
MW10	14851553.65	2291550.55
MW11	14852064.48	2292118.93
MW12	14851608.54	2292425.24
MW13	14851501.57	2292452.01
MW14	14851594.59	2292377.01
MW15	14851738.98	2292407.20
MW16	14851285.80	2292401.13
MW17	14851250.21	2292487.18
MW18	14851727.86	2292422.83
MW19	14851117.68	2292605.78
MW20	14850879.06	2292412.97
MW21	14850820.96	2292435.94
MW22	14850736.61	2292509.20
MW23	14851808.31	2291276.42
MW24	14851891.89	2291306.16
MW25	14851764.88	2291357.89

Well	East coordinate	North coordinate
PZ1	14850602.33	2292447.29
PZ2	14851962.21	2292437.13
PZ3	14852226.21	2292107.69
PZ4	14851768.39	2292161.97
PZ5	14852209.53	2291346.24
PZ6	14852242.22	2291811.37
PZ7	14851847.04	2292763.78
PZ8	14850646.88	2291479.77
PZ9	14851055.26	2292462.71
PZ10	14851262.18	2292749.10
PZ11	14851421.10	2292557.67
PZ12	14851019.40	2292562.08
PZ13	14850373.04	2291843.30
PZ14	14850757.03	2291744.33
PZ15	14851543.61	2291306.13
PZ16	14851681.36	2291540.86
PZ17	14851192.27	2292113.56
PZ18	14850907.55	2291561.01
PZ19	14850729.60	2291569.45
PZ20	14850934.20	2292387.94

EXPLANATION

This appendix contains the lithologic logs for the monitoring wells and boreholes drilled at NVANG Reno during the remedial investigation. Completion diagrams of the monitoring wells and piezometers are also included. The patterns used to illustrate well-construction materials and lithology are identified below. The lithologic symbols shown below contain a general description of that unit. Individual logs should be consulted for detailed lithologic information. All descriptions of color utilize the Munsell Soil Color Chart. Grain sizes for sands were identified using the American/Canadian Stratigraphic grain size chart.

Designated Patterns Used on the Lithologic and Well–Completion Diagrams for monitoring wells, piezometers and borehole logs.



RENO29

Well Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

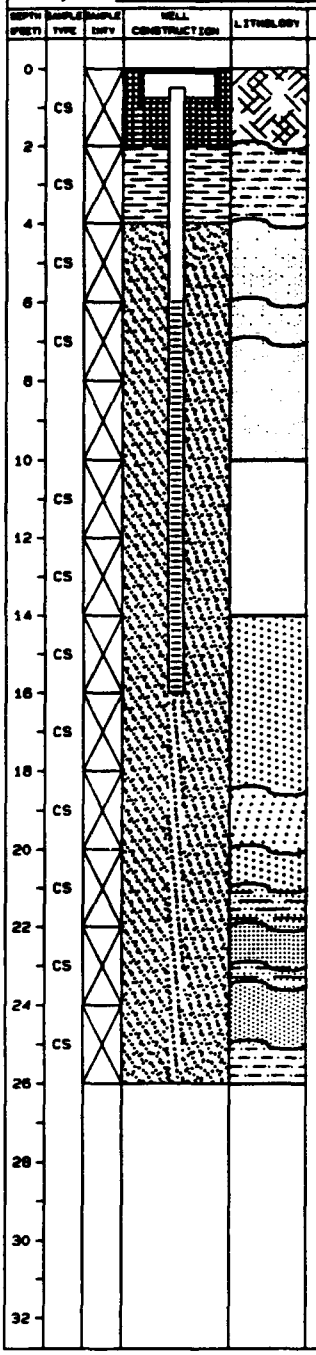
Prepared By: D.B. Ertel Date: 11/10/92 Page: 1 OF 1

Hole No.: MW01 Casing Elevation: 4406.11' Ground Elevation: 4406.17'

Total Depth: 26' No. of Compl.: 1 Rig Type: Mobile B-53 Location: Basewide

Auger Size: 8" O.D. Sample Type: 3"x2' Split spoon

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION

FILL: yellow brown gravelly sand, predominately gravel, slightly damp, unconsolidated.

SM SILT: yellow brown, occasional gravel, occasional limonite staining, trace root casts, occasional organic material (roots).

SP SAND: yellowish brown (10YR 5/4), very fine grained, subrounded, dense, dry, silty, consolidated, disseminated calcium carbonate, calcareous matrix.
Becoming silty, dark reddish-brown limonite staining.

SP SAND: yellowish brown (10YR 5/6), very fine grained, subangular to subrounded, damp, clayey to silty, consolidated, increasing organic material at 8 ft.
Becoming gray, medium grained, decreasing clay content.

NO SAMPLE RECOVERY.

SW SAND: dark gray, coarse grained (cL-cU), subangular to subrounded, wet, occasional pyrite grains, trace of gravel, loose.

SW SAND: dark gray as above, increasing coarse grained (cU), wet, angular to subrounded, trace gravel, loose.

SP SAND: dark gray, predominately coarse grained (cL), moist, loose.

SW SAND: dark gray, medium to coarse grained (cL), angular to subrounded, wet, occasional pyrite grains, loose, coarse grained to 4 mm at 21.5 ft.

CS CLAYEY SILT: dark yellowish brown (10YR 4/4), mottled light gray, sandy, low plasticity, damp, abundant limonite staining.

SW SAND: gray brown, medium to coarse grained (cL), angular to rounded, trace coarse gravel, wet. Increasing clay content.

CS CLAYEY SILT: light gray (5Y 7/1), very stiff, damp, nonplastic, sandy, abundant limonite staining.

SP SAND: brown, medium grained, subrounded to rounded, trace gravel, wet, loose.
Becoming gray, clayey, plastic.

SM SILT: yellow brown to gray, dense, clayey, abundant limonite staining.

CONCRETE 0'-2'
BENTONITE PELLETS (1/2") 2'-4'
FRAC SAND (12/20) 4'-26'
SLOTTED 2" PVC SCREEN (0.010") 6'-16'

Well Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

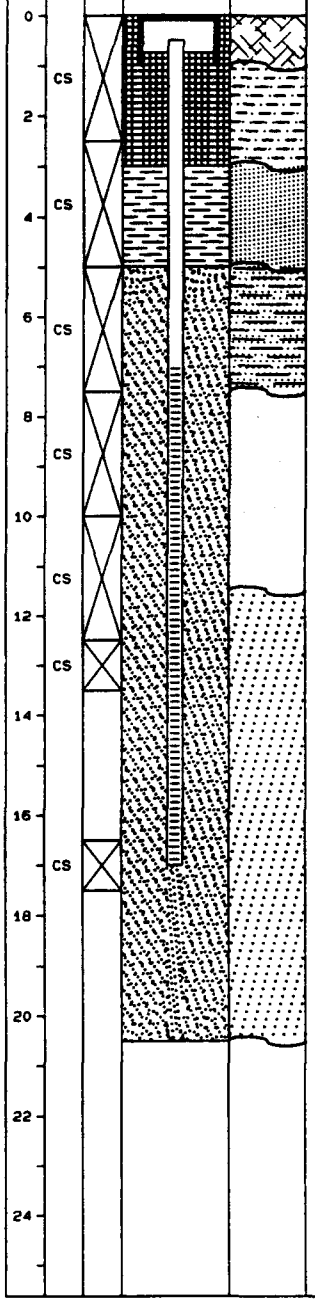
Prepared By: D.B. Ertel Date: 11/12/92 Page: 1 OF 1

Hole No.: MW02 Casing Elevation: 4404.62' Ground Elevation: 4405.05'

Total Depth: 20.5' No. of Compl.: 1 Rig Type: Mobile B-53 Location: Basewide

Auger Size: 8" O.D. Sample Type: 2"x2.5' Continuous Moss sampler

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION

FILL: yellow brown gravelly sand, dense, slightly damp, predominately gravel.

SM SILT: yellow brown (10YR 5/4), consolidated, blocky, moist, disseminated calcium carbonate, calcareous matrix.

SP SAND: yellow brown (10YR 5/4), medium grained, subangular to subrounded, damp, loose, trace coarse sand, clayey-low plasticity.

CS CLAYEY SILT: dark grayish brown (10YR 4/2), slightly plastic, damp, abundant limonite staining, consolidated, soft, trace organic material (roots).
Becoming denser, increasing sand content.

SP SAND: yellowish brown (10YR 5/6), very fine grained, subangular, trace coarse sand, compact to loose.

SP SAND: grayish brown (10YR 5/2), fine grained, loose, becoming saturated at 10'.

SP SAND: dark brownish gray, medium grained, subangular to subrounded, wet, loose, occasional gravel.
Becoming dark gray, coarse grained.

SW SAND: grayish brown, coarse grained (cL-vcL), subrounded, wet, trace gravel.

NO SAMPLE TAKEN: Rat hole to set casing.

CONCRETE 0-3'
BENTONITE PELLETS (1/2") 3'-5'
FRAC SAND (12/20) 5'-20.5'
SLOTTED 2" PVC SCREEN (0.010") 7'-17'

Well Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

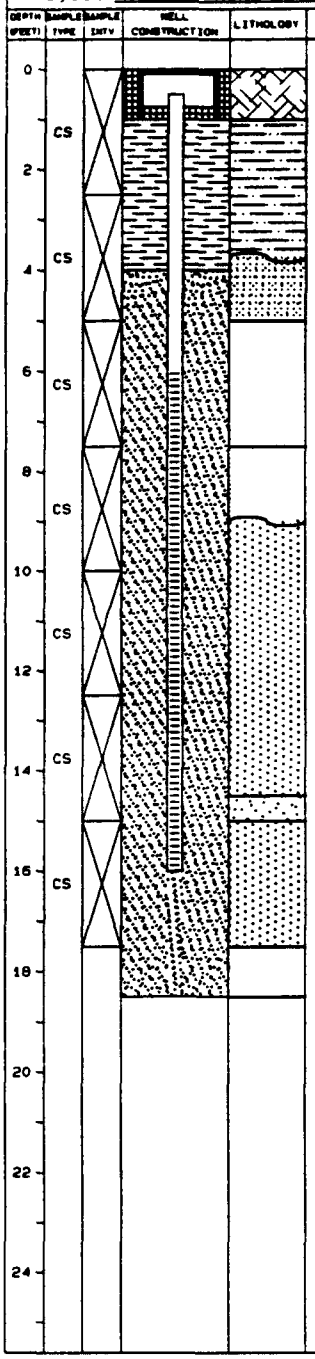
Prepared By: C.A. Muhr Date: 11/13/92 Page: 1 OF 1

Hole No.: MW03 Casing Elevation: 4404.38' Ground Elevation: 4404.17'

Total Depth: 18.5' No. of Compl.: 1 Rig Type: Mobile B-53 Location: Site 4

Auger Size: 8" O.D. Sample Type: 2"x2.5' Continuous Moss sampler

Project: NANGB, Reno Data Verified By: F.G. Gardner Date 12/15/92



DESCRIPTION

FILL: Dark grayish brown (10YR 3/2) silty clay, with black layer of peat at about 1'.

SM SILT: yellowish brown (10YR 5/4), silty, fine grained sand in a clay matrix.

SP SAND: yellowish brown (10YR 5/4), fine to medium grained in a silt matrix.

NO RECOVERY

SP SAND: yellowish brown (10YR 5/4), fine grained i a silt matrix.

SW SAND: dark brown (10YR 3/3), fine to coarse grained.

SW SAND: dark brown as above, medium to coarse grained, some clay.

SW SAND: as above with gravel.

SW SAND: dark brown (10YR 3/3), fine to coarse grained with minor amounts of silt, saturated.

NO SAMPLE TAKEN: Rat hole to set casing.

CONCRETE 0'-1'
BENTONITE PELLETS (1/2") 1'-4'
FRAC SAND (12/20) 4'-18.5'
SLOTTED 2" PVC SCREEN (0.010") 6'-16'

Well Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

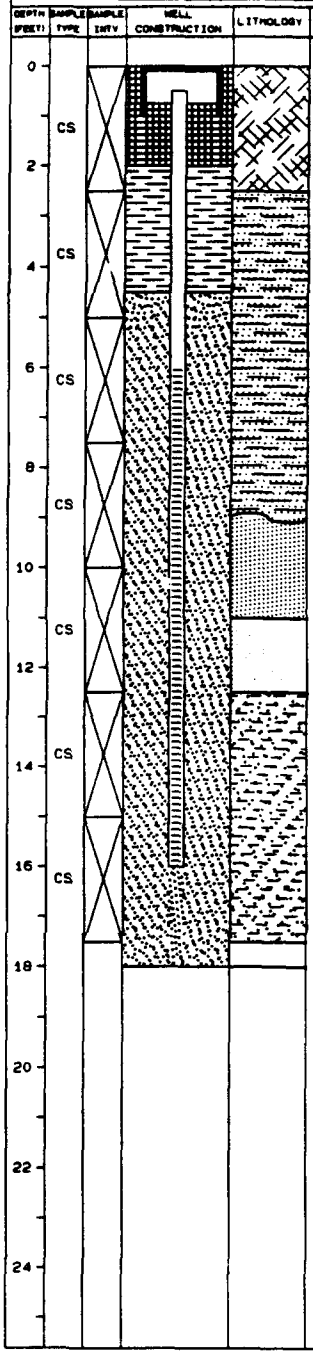
Prepared By: C.A. Muhr Date: 11/13/92 Page: 1 OF 1

Hole No.: MW04 Casing Elevation: 4403.69' Ground Elevation: 4404.02'

Total Depth: 18' No. of Compl.: 1 Rig Type: Mobile B-53 Location: Site 4

Auger Size: 8" O.D. Sample Type: 2"x2.5' Continuous. Moss sampler

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 12/15/92



DESCRIPTION

FILL: dark brown (10YR 4/3) silty clay.

SM SILTY CLAY: brown to yellowish brown (10YR 5/3) with gray clay inclusions and black flakes of organics, dry to moist, calcareous.

SM SILTY CLAY: as above, non calcareous.

SP SAND: dark to very dark gray (7.5YR N4/-N3/), fine to medium grained, subangular, moist.

SP SAND: dark olive gray (5Y 3/2), fine grained, compact, less moist.

GP GRAVEL: very coarse sand to gravel, very dark gray (7.5YR 4/N), wet to saturated, angular to subangular.

CONCRETE 0'-2'
BENTONITE PELLETS (1/2") 2'-4.5'
FRAC SAND (12/20), 4.5'-18'
SLOTTED 2" PVC SCREEN (0.010") 6'-16'

Well Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

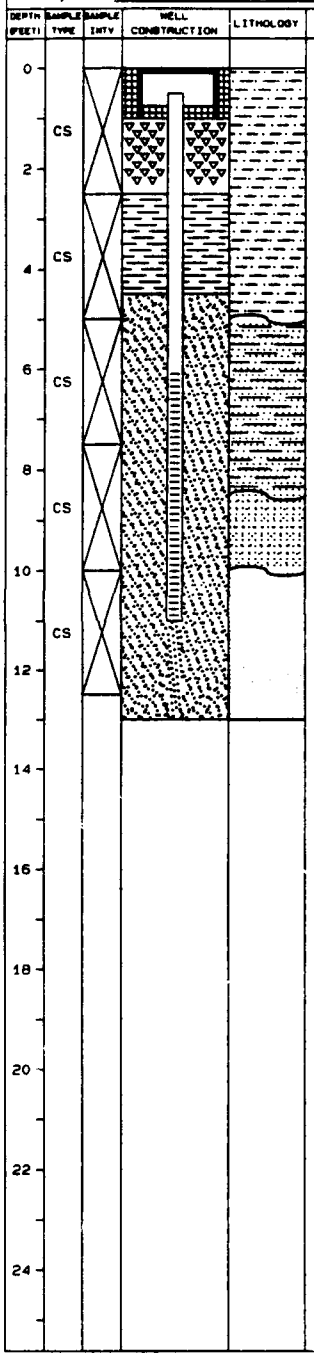
Prepared By: C.A. Muhr Date: 11/13/92 Page: 1 OF 1

Hole No.: MW05 Casing Elevation: 4403.61' Ground Elevation: 4404.58'

Total Depth: 13' No. of Compl.: 1 Rig Type: Mobile B-53 Location: Site 4

Auger Size: 8" O.D. Sample Type: 2"x2.5' Continuous Moss sampler

Project: NANGB, Reno Data Verified By: F.G. Gardner Date 12/15/92



DESCRIPTION

SM SILTY CLAY: yellowish brown (10YR 5/4), dry.

SM SILTY CLAY: yellowish brown (10YR 5/4) with limonite staining and black organic debris.

CS SILTY CLAY: as above with increasing limonite staining and moisture content.

SW SAND: very dark gray (7.5YR 3/N3/), HNU 150ppm.

SP SAND: dark grayish brown (2.5Y 4/2), poorly graded. HNU <1ppm.

REFUSAL AT 13'.

CONCRETE 0'-1'
NEAT CEMENT, 6/1, 1'-2.5'
BENTONITE PELLETS (1/2") 2.5'-4.5'
FRAC SAND (10/20), 4.5'-13'
SLOTTED 2" PVC SCREEN (0.010") 6'-11'

Well Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

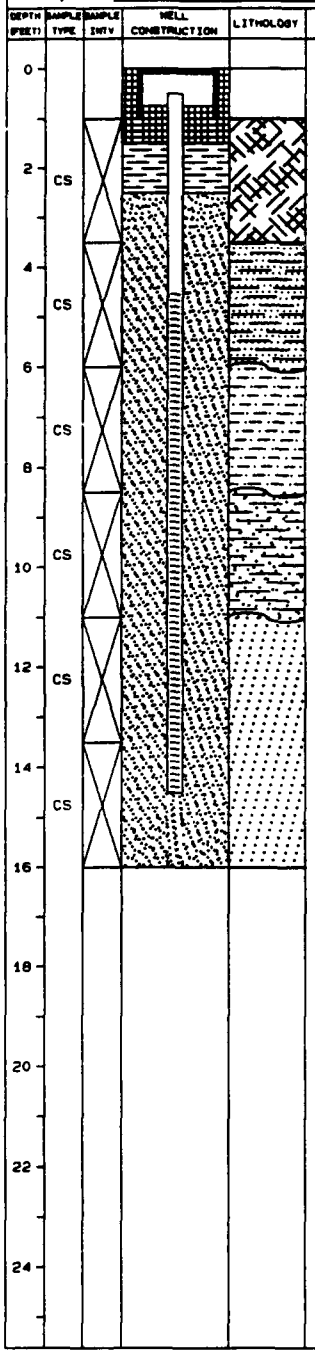
Prepared By: C.A. Muhr Date: 11/14/92 Page: 1 OF 1

Hole No.: MW06 Casing Elevation: 4398.69' Ground Elevation: 4399.05'

Total Depth: 16' No. of Compl.: 1 Rig Type: Mobile B-53 Location: Site 7

Auger Size: 8" O.D. Sample Type: 2"x2.5' Continuous Moss sampler

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 12/15/92



DESCRIPTION

ASPHALT AND GRAVEL

FILL: black gravel and silty fill, noticable fuel odor, HNU 3ppm.

SM SILTY CLAY: yellowish brown (10YR 4/1), some sporadic gravel, HNU 200ppm.

SM SILTY SAND: dark gray to very dark gray, (10YR 4-3/1), moist, HNU 200ppm.

GP GRAVEL: dark grayish brown (10YR 4/2) sand with gravel, moist, HNU 30ppm.

SW SAND: dark grayish brown (10YR 4/2), medium to coarse grained, angular to subangular, gravels subangular, saturated.

SW SAND: as above.

CONCRETE 0'-1.5'
BENTONITE PELLETS (1/2") 1.5'-2.5'
FRAC SAND (12/20) 2.5'-16'
SLOTTED 2" PVC SCREEN (0.010") 4.5'-14.5'

B-12

Well Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

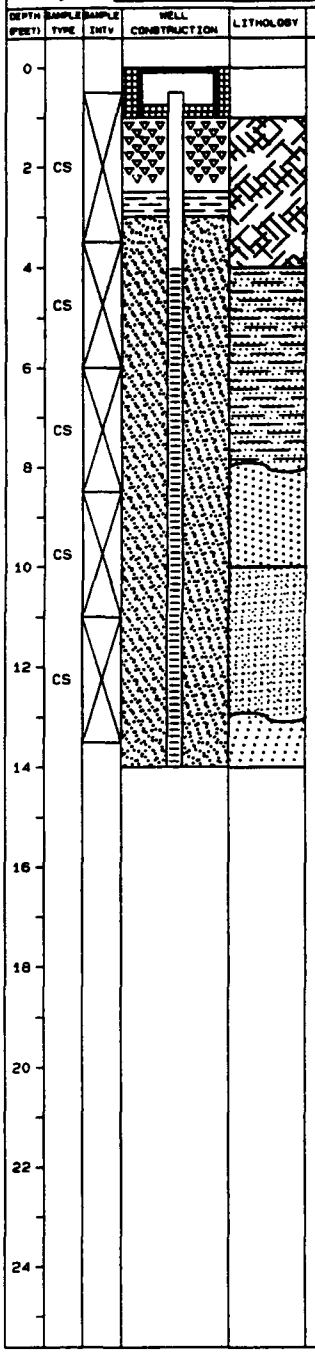
Prepared By: C.A. Muhr Date: 11/14/92 Page: 1 OF 1

Hole No.: MW07 Casing Elevation: 4397.90' Ground Elevation: 4398.25'

Total Depth: 14.5' No. of Compl.: 1 Rig Type: Mobile B-53 Location: Site 7

Auger Size: 8" O.D. Sample Type: 2"x2.5' Continuous Moss sampler

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 12/15/92



DESCRIPTION

ASPHALT AND GRAVEL

FILL: dark gray (10YR 4/1), silty clay, dry, HNU 20 ppm.

SM SILTY CLAY: dark gray, black organic content, HNU 250ppm.

SM SILTY CLAY: dark gray, HNU 250-300ppm.

SW SAND: very dark gray (7.5YR N/3), fine to coarse grained with some gravel. Moist to wet with free product.
SW SAND: as above, dark brown (10YR 4/3).

SW SAND: dark brown (7.5YR 4/3), fine to medium grained.
SW SAND: as above, becoming medium to coarse grained.

SP SAND: dark gray (10YR 4/1), coarse grained.

CONCRETE 0'-1'
NEAT CEMENT, 6/1, 1'-2.5'
BENTONITE PELLETS (1/2") 2.5'-3.2'
FRAC SAND (10/20), 3.2'-14.5'
SLOTTED 2" PVC SCREEN (0.010") 4'-14'

B-13

Well Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

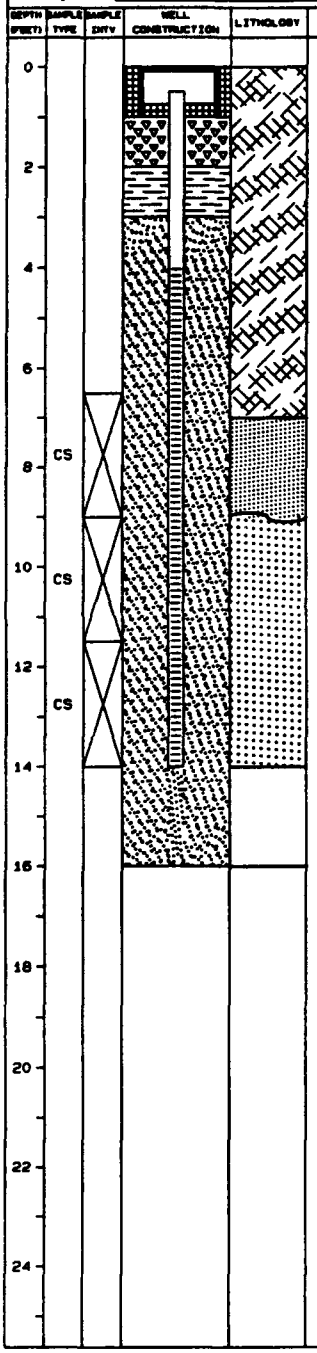
Prepared By: C.A Muhr Date: 11/15/92 Page: 1 OF 1

Hole No.: MW08 Casing Elevation: 4399.21' Ground Elevation: 4399.37'

Total Depth: 16' No. of Compl.: 1 Rig Type: Mobile B-53 Location: Site 2

Auger Size: 8" O.D. Sample Type: 2"x2.5' Continuous Moss sampler

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 12/15/92



DESCRIPTION

FILL: unconsolidated brown fill, silty clay, sand, and gravel.

SW SAND: very dark gray (7.5YR N3/), fine to medium grained, subangular, wet.

SW SAND: very dark grayish brown (2.5Y 3/2), medium to coarse grained, with gravel.

SW SAND: very dark gray (7.5YR N3/), fine to coarse grained, less gravel.

NO SAMPLE OVERDRILL FOR CASING INSTALLATION.

CONCRETE 0'-1'
NEAT CEMENT, 6/1, 1'-2'
BENTONITE PELLETS (1/2") 2'-3'
FRAC SAND (10/20) 3'-16'
SLOTTED 2" PVC SCREEN (0.010") 4'-14'

Well Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

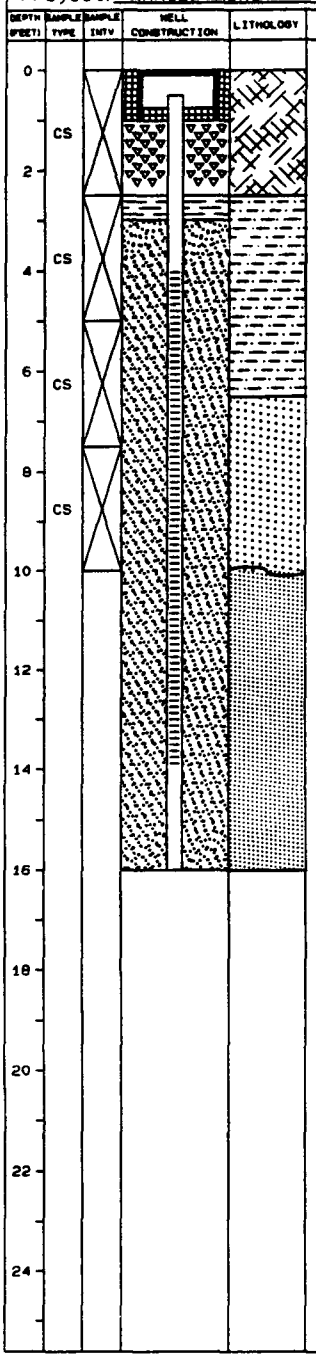
Prepared By: S.M. SMITH Date: 11/15/92 Page: 1 OF 1

Hole No.: MW09 Casing Elevation: 4401.97' Ground Elevation: 4402.80'

Total Depth: 16' No. of Compl.: 1 Rig Type: Mobile B-53 Location: Site 2

Auger Size: 8" O.D. Sample Type: 2"x2.5' Continuous Moss sampler

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 12/15/92



DESCRIPTION

FILL: light gray brown, large pebbles, with clayey silt and sand.

SM CLAYEY SILT: very dark gray (7.5YR N3/), grading to dark brown (7.5YR 4/4), dry, friable, limonite at 4.0', increasingly silty with limonite staining, occasional large cobbles.

SW SAND: very dark gray (5Y 3/1), well graded, poorly cemented, clay matrix, occasional quartz grains and cobbles, damp to wet with depth.

Cobble at 10', removed sampler, refusal at 11', skid rig 5'. Drilling without sampler to reach TD, very slow drilling.

SW SAND: dark olive gray (5Y 3/2), fine to course grained, subangular to subrounded, logged from cuttings.

CONCRETE 0'-1'
NEAT CEMENT, 6/1, 1'-2.5'
BENTONITE PELLETS (1/2") 2.5'-3'
FRAC SAND (10/20), 3'-16'
SLOTTED 2" PVC SCREEN (0.010") 3'-16'

Well Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

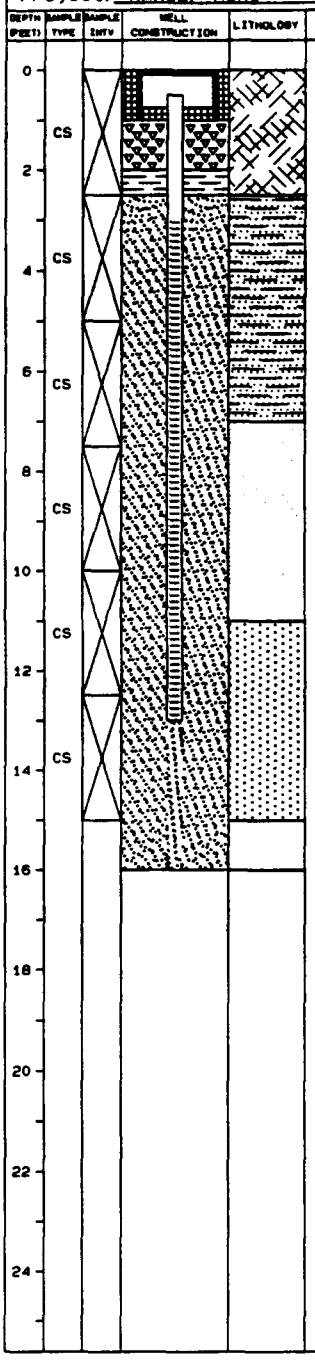
Prepared By: C.A. Muhr Date: 11/16/92 Page: 1 OF 1

Hole No.: MW10 Casing Elevation: 4400.79' Ground Elevation: 4400.85'

Total Depth: 16' No. of Compl.: 1 Rig Type: Mobile B-53 Location: Site 7

Auger Size: 8" O.D. Sample Type: 2"x2.5' Continuous Moss sampler

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 12/15/92



DESCRIPTION

FILL: Dark brown (10YR 4/3) silty clay.

SM SILTY CLAY: yellowish brown (10YR 5/4), mottled with light gray silty clay, abundant limonite staining.

SM SILTY CLAY: as above, becoming moist.

SP SAND: dark olive gray (5Y 3/2), fine grained, silty.

SP SAND: as above, moist to wet at 8.5'.

SW SAND: dark yellowish brown (10YR 4/4), fine to coarse grained, becoming coarser with depth.

SW SAND: as above, with occasional gravel to cobble size rocks.

NO SAMPLE TAKEN, OVERDRILL FOR CASING INSTALLATION

CONCRETE 0'-1'
NEAT CEMENT, 6\1, 1'-2'
BENTONITE PELLETS (1/2") 2'-2.5'
FRAC SAND (12/20), 2.5'-16'
SLOTTED 2" PVC SCREEN (0.010") 3'-13'

Well Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

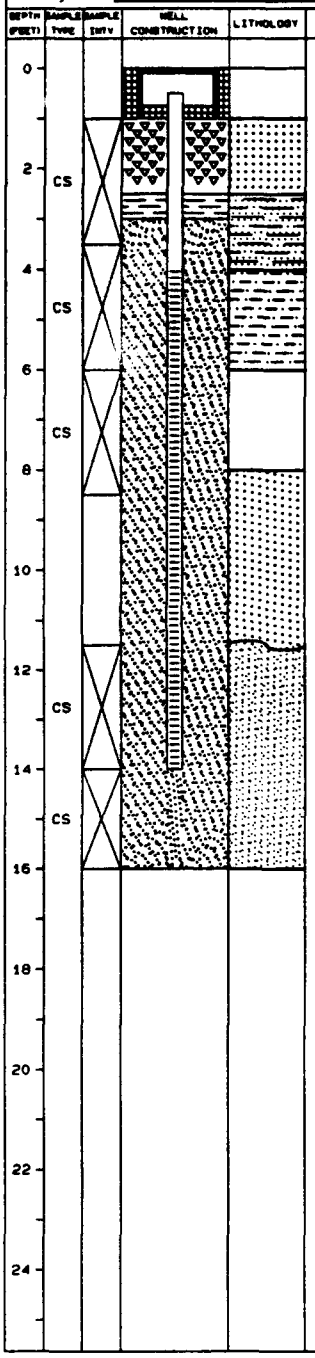
Prepared By: C.A. Muhr Date: 11/16/92 Page: 1 OF 1

Hole No.: MW11 Casing Elevation: 4400.09' Ground Elevation: 4400.58'

Total Depth: 16' No. of Compl.: 1 Rig Type: Mobile B-53 Location: Site 2

Auger Size: 8" O.D. Sample Type: 2"x2.5' Continuous, Moss sampler

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 12/15/92



DESCRIPTION

CONCRETE

SW SAND: dark yellowish brown (10YR 4/4), fine to coarse grained, angular to subangular, moist.

SM SILTY CLAY: dark grayish brown (10YR 4/2).

SM SILTY SAND: very dark grayish brown (10YR 3/2), with gravel and cobbles, some zones of limonite staining, moist, one broken cobble showed evidence of fuel staining, HNU 1.4ppm.

ROCK STUCK IN SAMPLER NO RECOVERY.

SW SAND: very dark gray (10YR 3/1), fine to coarse grained with some gravel, sample logged from cuttings as center bit was used to penetrate gravel zones.

SW SAND: very dark grayish brown (10YR 3/2), fine to coarse grained sand with occasional gravels.

CONCRETE 0'-1'
NEAT CEMENT, 6\1, 1'-2.5'
BENTONITE PELLETS (1/2") 2.5'-3'
FRAC SAND (10/20), 3'-16'
SLOTTED 2" PVC SCREEN (0.010") 4'-14'

Well Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

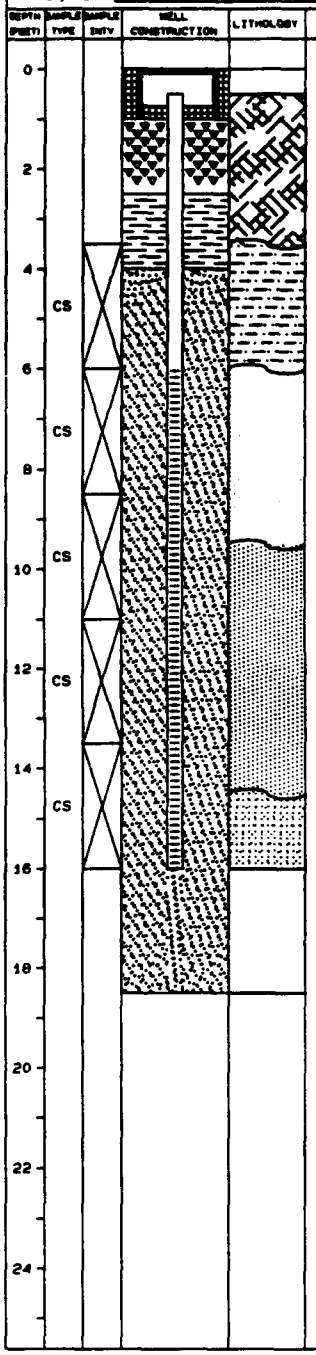
Prepared By: C.A. Muhr Date: 11/17/92 Page: 1 OF 1

Hole No.: MW12 Casing Elevation: 4402.50' Ground Elevation: 4402.86'

Total Depth: 18.5' No. of Compl.: 1 Rig Type: Mobile B-53 Location: Site 13

Auger Size: 8" O.D. Sample Type: 2"x2.5' Continuous Moss sampler

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 12/15/92



DESCRIPTION

ASPHALT

FILL: dark reddish brown (2.5Y 3/4), gravelly.

SM SILTY SAND: yellowish brown (10YR 5/6), grading to silty clay, firm, slightly moist.

SP SAND: very dark gray (7.5YR N3/), fine grained, moderately dense, moist.

SP SAND: dark olive brown (2.5Y 4/4), fine to medium grained, loose, saturated.

SP SAND: as above.

SW SAND: dark olive brown (2.5Y 4/4), medium graine grading to coarse sand and gravel, loose, saturated.

NO SAMPLE TAKEN HOLE WAS OVERDRILLED TO ACCOMODATE FOR HEAVING SANDS PRIOR TO CASING INSTALLATION.

CONCRETE 0'-1'
NEAT CEMENT, 6\1, 1'-2.5'
BENTONITE PELLETS (1/2") 2.5'-4'
FRAC SAND (10/20), 4'-18.5'
SLOTTED 2" PVC SCREEN (0.010") 6'-16'

B-18

Well Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

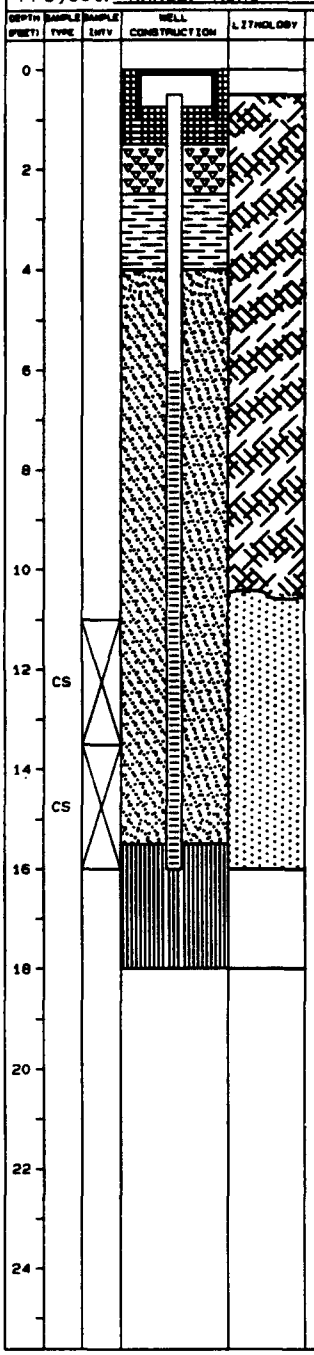
Prepared By: C.A. Muhr Date: 11/17/92 Page: 1 OF 1

Hole No.: MW13 Casing Elevation: 4402.48' Ground Elevation: 4402.98'

Total Depth: 18' No. of Compl.: 1 Rig Type: Mobile B-53 Location: Site 13

Auger Size: 8" O.D. Sample Type: 2"x2.5' Continuous Mosa sampler

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 12/15/92



DESCRIPTION

ASPHALT

FILL: dark brown (7.5YR 4/3), many gravel to cobble size rocks, firm, becoming moist at 8', sample logged from cuttings.

SW SAND: dark olive brown (2.5Y 4/4), fine to coarse grained, angular to subangular, loose, saturated.

SW SAND: as above, moderately dense, occasional pebbles to cobbles.

NO SAMPLE TAKEN, HOLE WAS OVERDRILLED TO ACCOMODATE FOR HEAVING SANDS PRIOR TO CASING INSTALLATION.

CONCRETE 0'-1.5'
NEAT CEMENT, 6/1, 1.5'-2.5'
BENTONITE PELLETS (1/2") 2.5'-4'
FRAC SAND (10/20) 4'-15.5'
SLOTTED 2" PVC SCREEN (0.010") 6'-15.5'
NATIVE FILL 15.5'-18'

Well Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

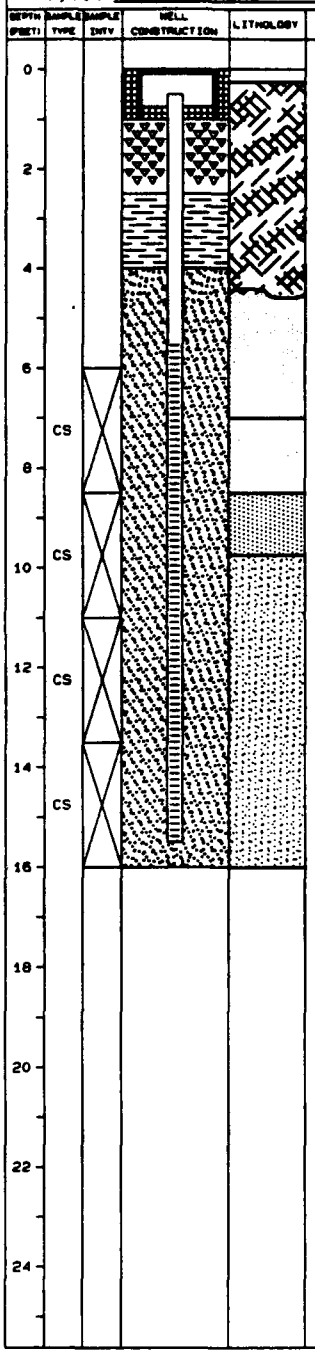
Prepared By: C.A. Muhr Date: 11/17/92 Page: 1 OF 1

Hole No.: MW14 Casing Elevation: 4402.13' Ground Elevation: 4402.73'

Total Depth: 16' No. of Compl.: 1 Rig Type: Mobile B-53 Location: Site 13

Auger Size: 8" O.D. Sample Type: 2"x2.5' Continuous Moss sampler

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 12/15/92



DESCRIPTION

ASPHALT

FILL: dark brown (7.5YR 4/3), silty, sandy with cobbles, dry to moist, hard drilling conditions, logged from cuttings.

SP SAND: very dark grayish brown (2.5Y 3/2), fine grained, moderately dense, moist.

SP SAND: olive brown (2.5Y 4/3), fine grained, less moist, dense.

SP SAND: very dark gray, fine to medium grained, wet, moderately loose.

SW SAND: olive brown, medium to coarse grained, wet loose with sparse gravel.

SW SAND: as above with increasing pebbles/gravel.

CONCRETE 0'-1'
NEAT CEMENT, 6/1, 1'-2.5'
BENTONITE PELLETS (1/2") 2.5'-4'
FRAC SAND (10/20), 4'-16'
SLOTTED 2" PVC SCREEN (0.010") 5.5'-15.5'

Well Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

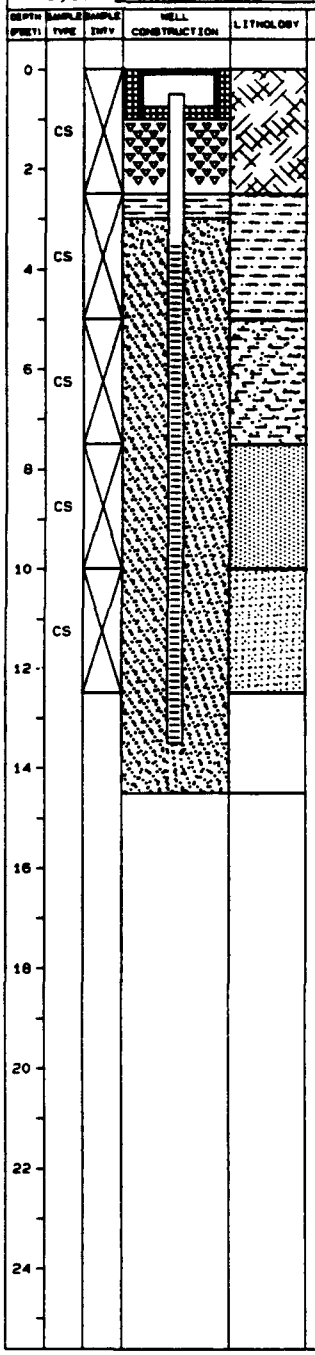
Prepared By: C.A. Muhr Date: 11/18/92 Page: 1 OF 1

Hole No.: MW15 Casing Elevation: 4402.77' Ground Elevation: 4402.75'

Total Depth: 14.5' No. of Compl.: 1 Rig Type: Mobile B-53 Location: Site 14

Auger Size: 8" O.D. Sample Type: 2"x2.5' Continuous Moss sampler

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 12/15/92



DESCRIPTION

FILL: dark brown (10YR 3/3), abundant gravel, numerous root hairs, dry, loose.

SM SILTY SAND: dark yellowish brown (10YR 4/6), some clay, very dense, abundant limonite staining slightly moist.

GM GRAVEL: cobbles and gravel in fine grained sand dark yellowish brown, some black organics, limonite staining, poor recovery.

SW SAND: dark brown (10YR 3/3), loose, saturated, with occasional gravel.

NO SAMPLE: last 2' drilled with center bit because of rocks encountered at 13'.

CONCRETE 0'-1'
NEAT CEMENT, 6/1, 1'-2.5'
BENTONITE PELLETS (1/2") 2.5'-3'
FRAC SAND (10/20) 3'-14.5'
SLOTTED 2" PVC SCREEN (0.010") 3.5'-14.5'

Well Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

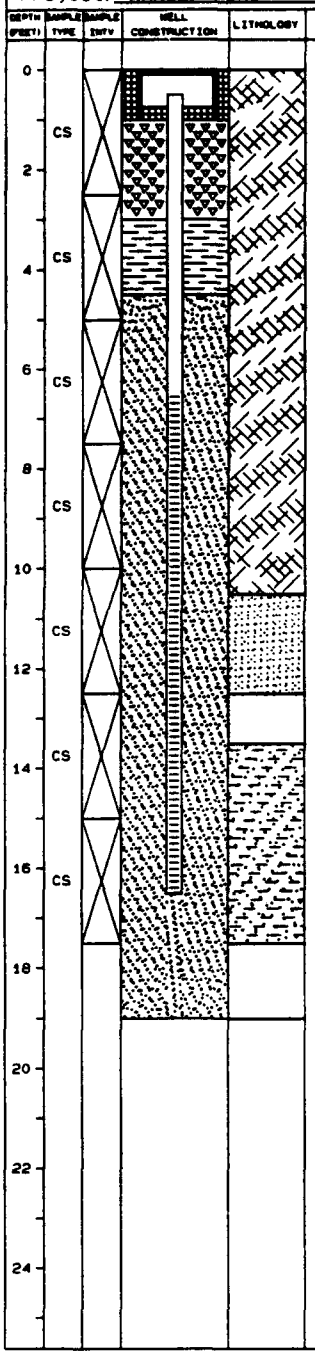
Prepared By: C.A. Muhr Date: 11/18/92 Page: 1 OF 1

Hole No.: MW16 Casing Elevation: 4404.17' Ground Elevation: 4404.29'

Total Depth: 19' No. of Compl.: 1 Rig Type: Mobile B-53 Location: Site 5

Auger Size: 8" O.D. Sample Type: 2"x2.5' Continuous Moss sampler

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 12/15/92



DESCRIPTION

FILL: dark brown (10YR 3/3), silty, dense, dry.

FILL: light yellowish brown (10YR 6/4), silt, dry, friable texture.

FILL: brown (10YR 4/3), fine to medium grained sand abundant limonite staining, increasing moisture content.

SW SAND: yellowish brown (10YR 4/4), dense, with 1" limonite layer, moist to wet.

SP SAND: dark yellowish brown (10YR 4/4), fine grained.

GP GRAVEL: dark yellowish brown coarse sand and gravel, very loose, saturated.

NO SAMPLES TAKEN, HOLE OVERDRILLED FOR HEAVING SANDS PRIOR TO CASING INSTALLATION.

CONCRETE 0'-1'
NEAT CEMENT, 6/1, 1'-3'
BENTONITE PELLETS (1/2") 3'-4.5'
FRAC SAND (10/20) 4.5'-19'
SLOTTED 2" PVC SCREEN (0.010") 6.5'-16.5'

Well Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

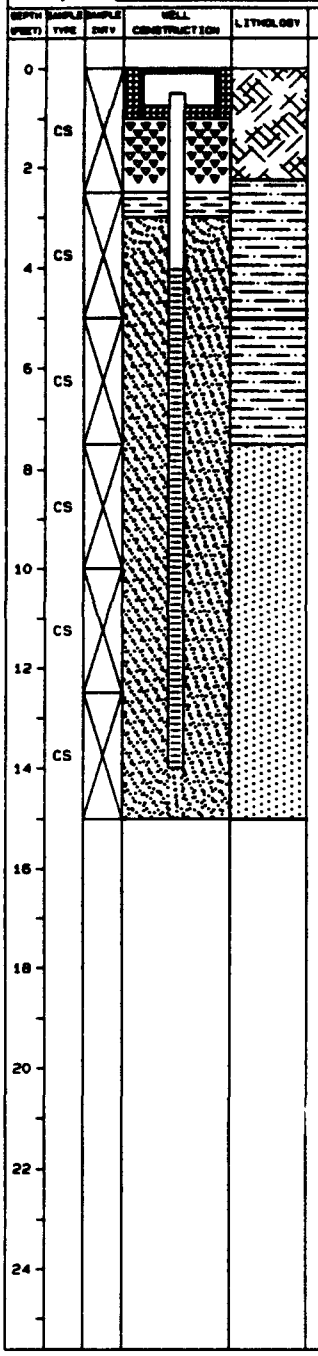
Prepared By: C.A. Muhr Date: 11/18/92 Page: 1 OF 1

Hole No.: MW17 Casing Elevation: 4402.81' Ground Elevation: 4402.74'

Total Depth: 15' No. of Compl.: 1 Rig Type: Mobile B-53 Location: Site 5

Auger Size: 8" O.D. Sample Type: 2"x2.5' Continuous Moss sampler

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 12/15/92



DESCRIPTION

FILL: black (2.5Y N2/), silty, gravelly fill, heavy petroleum odor, dense, dry, HNU 100ppm.

SM CLAYEY SILT: light olive brown (2.5Y 5/4), heavy petroleum odor, moderately dense, blocky structure, dry to slightly moist, HNU 200ppm.

SM CLAYEY SILT: black (5Y 2.5/2), with medium grained sand and occasional cobbles, some evidence of limonite staining.

SW SAND: very dark olive gray (5Y 3/2), fine fine to medium grained, with occasional gravel, wet, loose, becoming siltier at 10'.

SW SAND: olive (5Y 4/3), medium to coarse sand with occasional gravel, loose, HNU 10ppm.

CONCRETE 0'-1'
NEAT CEMENT, 6/1, 1'-2.5'
BENTONITE PELLETS (1/2") 2.5'-3'
FRAC SAND (10/20), 3'-15'
SLOTTED 2" PVC SCREEN (0.010") 4'-14'

Well Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

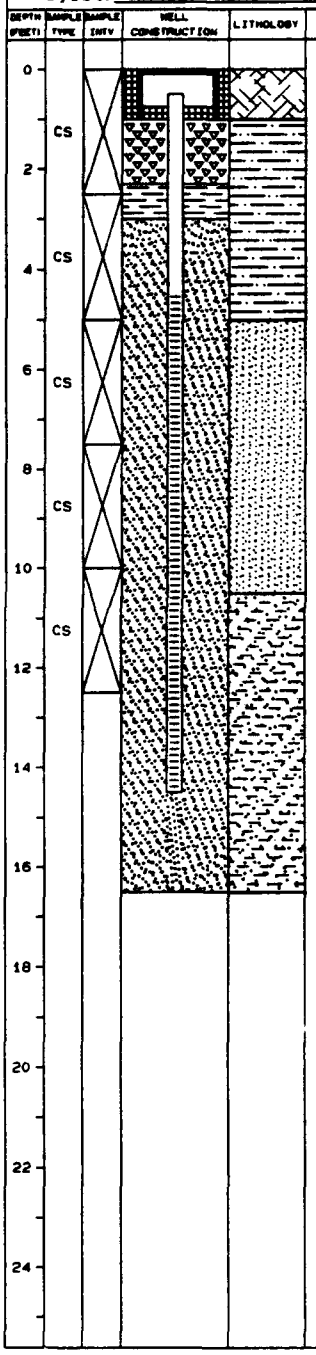
Prepared By: C.A. Muhr Date: 11/19/92 Page: 1 OF 1

Hole No.: MW18 Casing Elevation: 4402.76' Ground Elevation: 4402.80'

Total Depth: 16.5' No. of Compl.: 1 Rig Type: Mobile B-53 Location: Site 14

Auger Size: 8" O.D. Sample Type: 2"x2.5' Continuous Moss sampler

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 12/15/92



DESCRIPTION

FILL: dark brown (10YR 3/3), dry, moderately dense, with gravel.

SM SILTY CLAY: dark yellowish brown (10YR 4/4), slightly moist, friable.

SW SAND: dark olive brown (2.5Y 4/4), fine to medium grained, moderately loose with occasional gravel distinct petroleum odor, HNU 100ppm.

SW SAND: as above, increasing moisture content with depth, HNU 17ppm.

GP GRAVEL: matrix yellowish brown (10YR 4/4), medium to coarse grained sand, saturated.

GP GRAVEL: as above medium to coarse grained sand with gravel to cobble size rocks, logged from cuttings as center bit used to drill.

CONCRETE 0'-1'
NEAT CEMENT, 6/1, 1'-2.3'
BENTONITE PELLETS (1/2") 2.3'-3'
FRAC SAND (10/20) 3'-16.5'
SLOTTED 2" PVC SCREEN (0.010") 4.5'-14.5'

Well Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

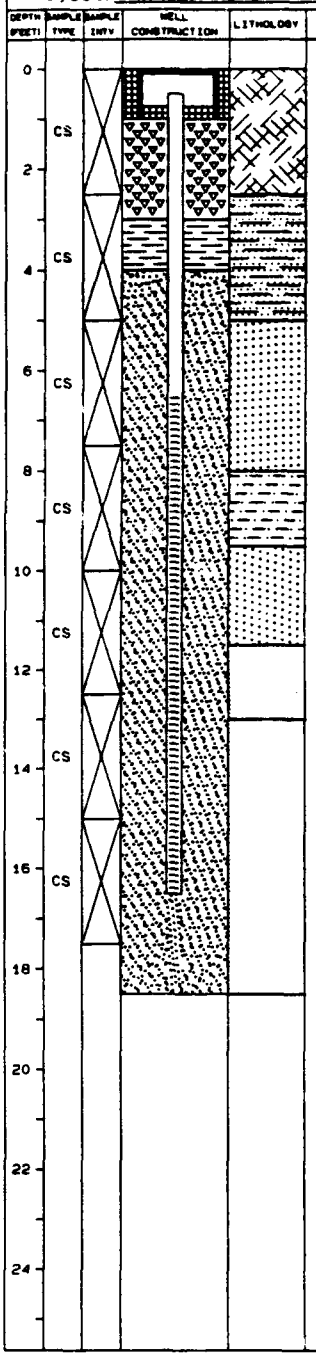
Prepared By: C.A. Muhr Date: 11/19/92 Page: 1 OF 1

Hole No.: MW19 Casing Elevation: 4404.11' Ground Elevation: 4404.26'

Total Depth: 18.5' No. of Compl.: 1 Rig Type: Mobile B-53 Location: Site 13

Auger Size: 8" O.D. Sample Type: 2"x2.5' Continuous Moss sampler

Project: NANGB, Reno Data Verified By: F.G. Gardner Date 12/15/92



DESCRIPTION

FILL: dark yellowish brown (10YR 4/4), silty with gravel at surface.

SM CLAYEY SILT: yellowish brown (10YR 5/4), very dense, slightly moist.

SW SAND: dark yellowish brown (10YR 3/4), fine to coarse grained sand with gravel, increasing moisture content, abundant limonite staining.

SM SILT: gray (10YR 5/1), dense to very dense, abundant limonite staining, moist.

SW SAND: dark yellowish brown (10YR 3/4), fine to coarse grained, loose, some limomite stain.

SP SAND: dark olive brown (2.5Y 4/4), fine grained, loose to moderately loose, saturated.

SP SAND: as above, flowing sands.

CONCRETE 0'-1'
NEAT CEMENT, 6\1, 1'-3'
BENTONITE PELLETS (1/2") 3'-4'
FRAC SAND (10/20), 4'-18.5'
SLOTTED 2" PVC SCREEN (0.010") 6.5'-16.5'

Well Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

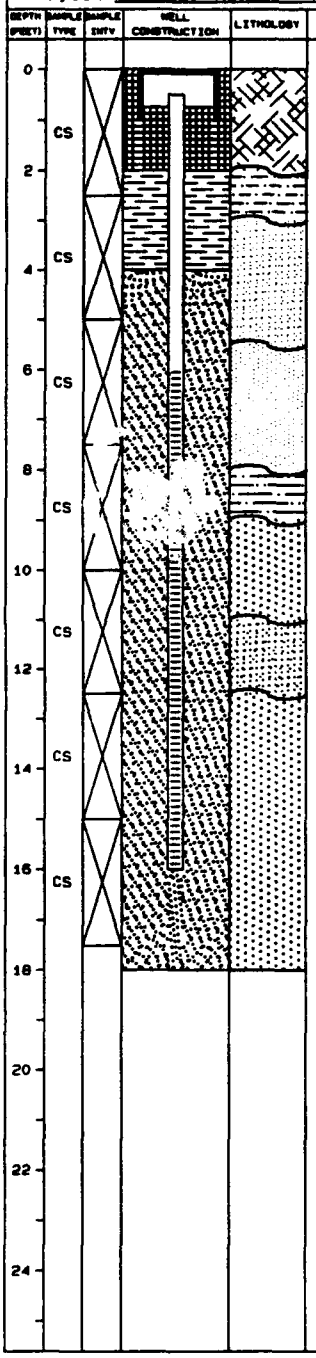
Prepared By: D.B. Ertel Date: 11/30/92 Page: 1 OF 1

Hole No.: MW20 Casing Elevation: 4403.05' Ground Elevation: 4403.14'

Total Depth: 18' No. of Compl.: 1 Rig Type: Mobile B-53 Location: Site 3

Auger Size: 8" O.D. Sample Type: 2"x2.5' Continuous Moss sampler

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION

FILL: light gray gravelly sand, unconsolidated, dry.

SM SILT: light olive brown (2.5YR 5/4), mottled light gray, dense, consolidated, sandy, dry.

SW SAND: light gray, mottled dark olive brown, fine grained to coarse grained, subangular to subrounded, abundant gravel, damp, occasional gravel to 7 cm, abundant limonote staining.
Increasing clay content, becoming predominately medium grained.

SP SAND: very dark grayish brown (2.5Y 3/2), fine grained, subrounded, moist, clayey-moderately plastic, trace gravel.
Becoming (2.5Y 4/0), medium grained.

CS SILTY CLAY: olive brown (2.5Y 4/4), moist, plastic, interbedded with gray sand.

SW SAND: dark gray, coarse grained (cL-vcL), subangular to subrounded, wet, loose, abundant gravel 2 to 8 cm.

SP SAND: gray brown, medium grained, rounded, moist.

SW SAND: gray brown, coarse grained (cL-vcL), wet, subrounded, occasional cobble to 9 cm.

SW SAND: gray brown, medium to coarse grained, subrounded to rounded, wet, occasional fine to gravel 2 cm.

CONCRETE 0-2'
BENTONITE PELLETS (1/2") 2'-4'
FRAC SAND (12/20), 4'-18'
SLOTTED 2" PVC SCREEN (0.010") 6'-16'

Well Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

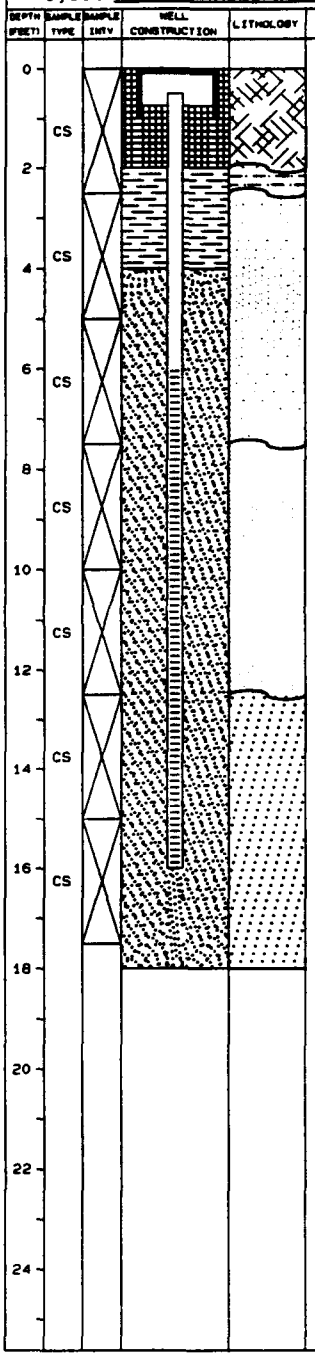
Prepared By: D.B. Ertel Date: 12/01/92 Page: 1 OF 1

Hole No.: MW21 Casing Elevation: 4403.29' Ground Elevation: 4403.44'

Total Depth: 18' No. of Compl.: 1 Rig Type: Mobile B-53 Location: Site 3

Auger Size: 8" O.D. Sample Type: 2"x2.5' Continuous, Moss sampler

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION

FILL: pale gray sandy silt, unconsolidated, dry, occasional fine gravel.

SM SILT: light gray, dense, white calcareous stringers, calcareous matrix, dry. Becoming very pale brown, concave bedding lamina, fissile carbonaceous stringers, carbonaceous material, limonite staining.

SW SAND: light gray, mottled olive brown, fine grained to coarse grained, angular to subrounded, trace gravel, damp, clayey matrix.

SW SAND: yellowish brown (10YR 4/4), medium grained rounded, damp, limonite staining, occasional gravel. Increasing gravel to 7 cm with weathered granite fragment to 7 cm.

SP SAND: very dark grayish brown (2.5Y 3/2), medium grained, subrounded, clayey, plastic, wet, consolidated, medium stiff, trace gravel.

SW SAND: gray brown, coarse grained (cL-vcL), subangular to rounded, abundant gravel and occasional cobble to 9 cm. Becoming clayey, consolidated, laminated bedding mottled grayish green (5G 4/2) to dark blue gray (5B 4/1).

SW SAND: gray brown, fine to coarse grained (L), subangular to rounded, loose, saturated, abundant pyrite grains, abundant gravel to 7.25 cm.

CONCRETE 0-2'
BENTONITE PELLETS (1/2") 2'-4'
FRAC SAND (12/20), 4'-18'
SLOTTED 2" PVC SCREEN (0.010") 6'-16'

Well Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

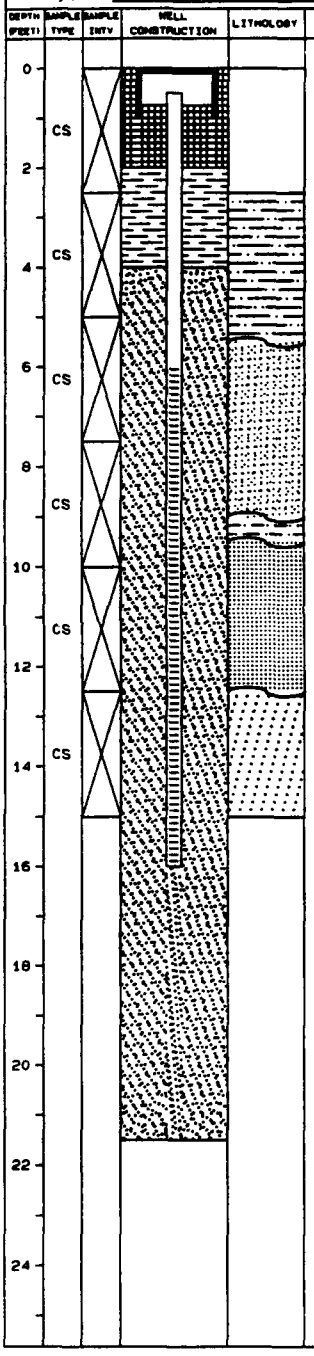
Prepared By: O.B. Ertel Date: 12/01/92 Page: 1 OF 1

Hole No.: MW22 Casing Elevation: 4404.65' Ground Elevation: 4405.05'

Total Depth: 21.5' No. of Compl.: 1 Rig Type: Mobile B-53 Location: Airport parking lot

Auger Size: 8" O.D. Sample Type: 2"x2.5' Continuous Moss sampler

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION

Asphalt parking lot 8" thick.

No sample recovery.

CS SILTY CLAY: pale brown (10YR 6/3), consolidated, stiff, damp, plastic, becoming yellow brown (10YR 5/4), occasional carbonaceous nodules to 3 mm in length, with a set of off-white, cross-bedded sand.

SW SAND: gray brown, fine to medium grained, subrounded, clayey-plastic, occasional limonite staining, moist, gravel to 5 cm.

Becoming dark grayish brown (2.5Y 3/2), medium grained, abundant limonite staining, occasional gravel to 3 cm.

SM SILT: bluish gray (5B 5/1), sandy, damp, consolidated, slightly laminated.

SP SAND: dark greenish gray (5G 4/1), fine grained, occasional limonite staining. With 2.5 cm thick lenses of gray to brown silty sand, medium grained, black Fe staining at 12'.

SW SAND: gray brown, medium to coarse grained, subangular to subrounded, saturated, loose, abundant gravel to 7.5 cm, saturated, occasional gravel to 3 cm.

CONCRETE 0-2'
BENTONITE PELLETS (1/2") 2'-4'
FRAC SAND (12/20) 4'-21.5'
SLOTTED 2" PVC SCREEN (0.010") 6'-16'

Well Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

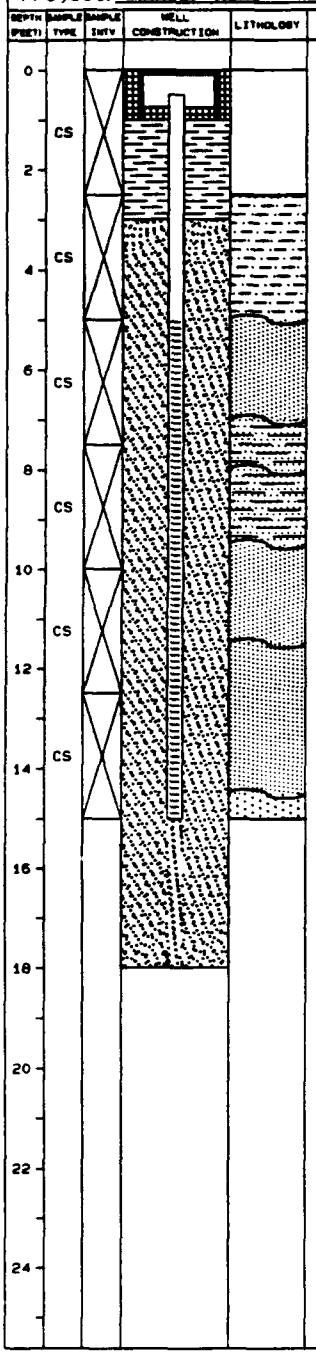
Prepared By: D.B. Ertel Date: 12/01/92 Page: 1 OF 1

Hole No.: MW23 Casing Elevation: 4399.40' Ground Elevation: 4399.72'

Total Depth: 18' No. of Compl.: 1 Rig Type: Mobile B-53 Location: South of Site 7

Auger Size: 8" O.D. Sample Type: 2"x2.5' Continuous Moss sampler

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION

No sample recovery.

SM SILT: very dark gray (7.5YR N3/), mottled black, stiff, damp, blocky, laminated, abundant organic material (roots), low angle sand stringers, trace gravel to 2.3 cm.

SP SAND: medium gray (2.5Y N5/), mottled green and brown, fine grained.

CS SILTY CLAY: dark greenish gray (5G 4/1), mottled green and gray, stiff, damp, trace organic material (roots), trace carbonaceous material.

CS CLAYEY SILT: dark greenish gray (5GY 4/1), moist, high plasticity, medium stiff, abundant gravel to 5.5 cm, occasional organic material, occasional carbonaceous material.

SP SAND: dark gray, mottled brown, medium grained, subangular, moist, trace gravel to 3 cm.

SP SAND: brown to gray brown, medium grained, angular to subangular, consolidated, occasional light brown gypsiferous nodules 1 to 5 mm long in a 4 mm laminated bed.

SW SAND: brown to gray brown, fine to coarse grained, subangular, dense, wet, gypsiferous nodules 9 mm, abundant pyrite grains.

NO SAMPLE - RAT HOLE FOR CASING

CONCRETE 0'-1'
BENTONITE PELLETS (1/2") 1'-3'
FRAC SAND (12/20) 3'-18'
SLOTTED 2" PVC SCREEN (0.010") 5'-15'

Well Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

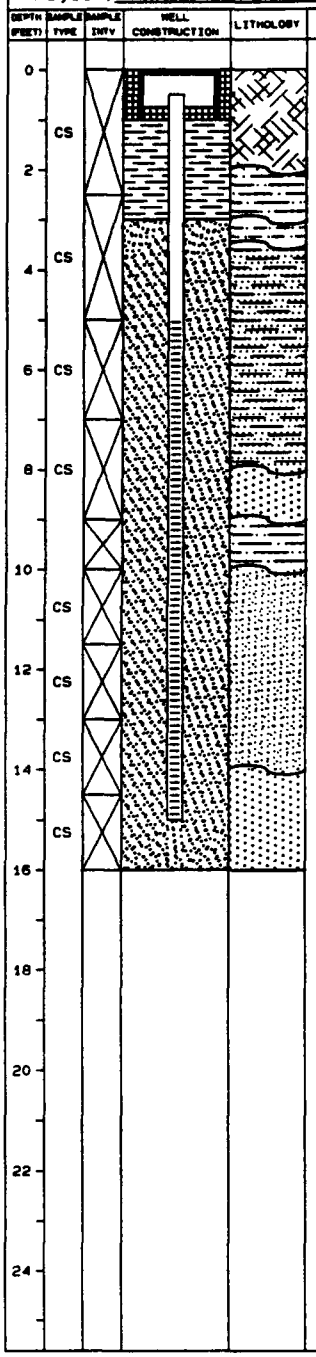
Prepared By: O.B. Ertel Date: 12/02/92 Page: 1 OF 1

Hole No.: MW24 Casing Elevation: 4398.67' Ground Elevation: 4398.89'

Total Depth: 16' No. of Compl.: 1 Rig Type: Mobile B-53 Location: Downgradient of S7

Auger Size: 8" O.D. Sample Type: 2"x2.5' Continuous, Moss sampler

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION

FILL: sandy gravel, fine to coarse, dry, unconsolidated.

CS SILTY CLAY: dark gray (10YR 4/1), mottled black, dense, slightly damp, black organic rich layer at 2.5 ft.

SM SILT: pale gray, consolidated, slightly damp, blocky, very stiff, homogeneous.

CL CLAY: brown (10YR 5/3), damp, dense, very stiff, trace organic material (roots).

CL CLAY: medium gray (2.5Y N5/), mottled brown and dark green, stiff, moist, trace organic material.
Increasing sand and silt, mottled dark green, increasing moisture, increasing organic material.

SW SAND: very dark gray (2.5Y N3/), medium to coarse grained (mL-cL), subangular to subrounded wet, clayey-plastic.

CS CLAYEY SILT: dark green, gray-green, medium stiff, plastic, moist, occasional gravel to 1.5 cm.

SP SAND: brown, medium grained, subrounded, loose, saturated, occasional pyrite grains.

SP SAND: As above, occasionally grayish, more consolidated, scattered light brown gypsiferous nodules to 5 mm.

SW SAND: gray, medium to coarse grained (U-vcU), subrounded, clean, occasional gravel to 6 cm, cobble to 8 cm, wet.

CONCRETE 0'-1'
BENTONITE PELLETS (1/2") 1'-3'
FRAC SAND (12/20) 3'-16'
SLOTTED 2" PVC SCREEN (0.010") 5'-15'

Well Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

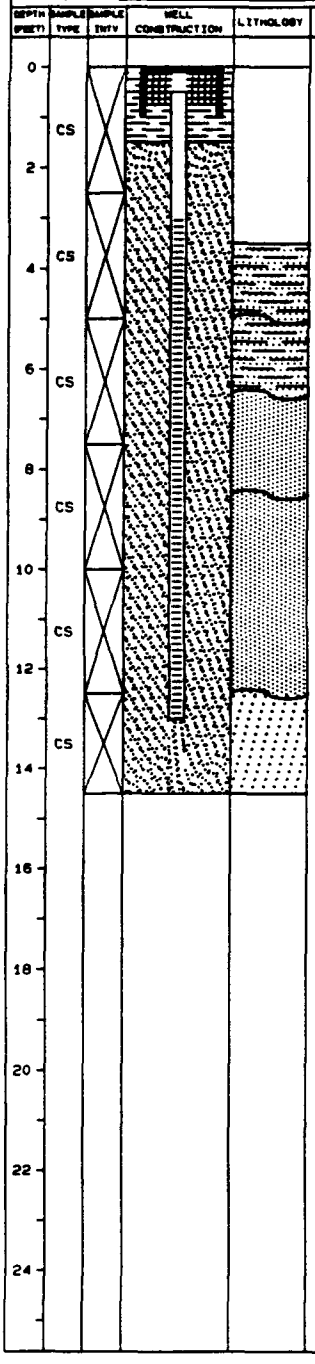
Prepared By: D.B. Ertel Date: 12/05/92 Page: 1 OF 1

Hole No.: MW25 (BH27) Casing Elevation: 4397.78' Ground Elevation: 4398.19'

Total Depth: 14.5' No. of Compl.: 1 Rig Type: Mobile B-53 Location: Site 7

Auger Size: 8" O.D. Sample Type: 2"x2.5' Continuous Moss sampler

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION

No sample taken, augered to 3.5 ft.

CL CLAY: dark greenish gray (5GY 4/1), mottled dark green, damp, blocky, occasional organic material (roots), fuel odor.

Increasing silt, medium gray to dark greenish gray (5BG 4/1), stiff, moist, dark fuel stains, carbonized root remains, occasional carbonaceous material.

SP SAND: very dark gray (2.5Y N3/), medium grained, subangular to rounded, clayey-plastic, loose, saturated, trace organic material, becoming fine grained, dark greenish gray (5G 4/1), slight fuel odor.

SP SAND: brown (10YR 5/3), medium grained, subrounded, saturated, abundant light brown gypsum nodules 1 to 4 mm, thinly laminated brown, yellow, and black bedding, becoming cohesive at 10 ft.

SW SAND: dark gray, medium to coarse grained, saturated, occasional gravel to 4 cm.

NOTE: Monitor well 25 was completed in borehole 27.

BENTONITE PELLETS (1/2") 0'-1.5'
FRAC SAND (12/20) 1.5'-14.5'
SLOTTED 2" PVC SCREEN (0.010") 3'-13'

Well Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

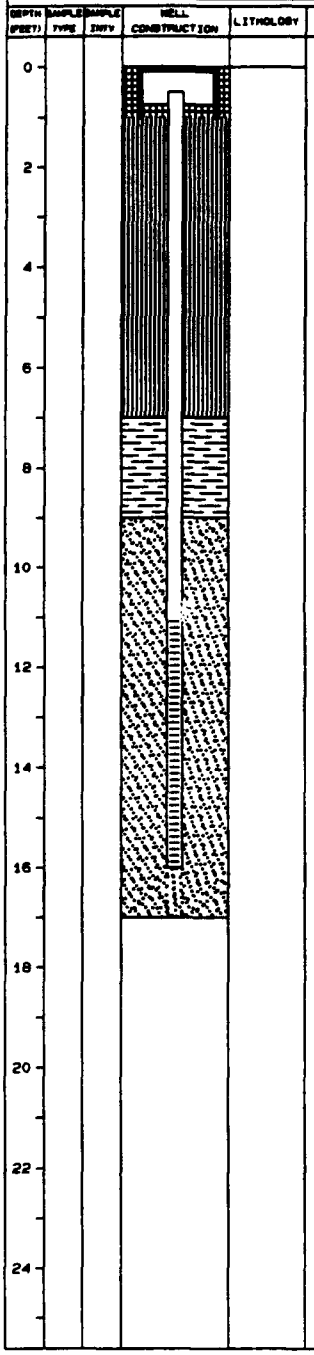
Prepared By: D.B. Ertel Date: 10/17/92 Page: 1 OF 1

Hole No.: PZ01 Casing Elevation: 4405.49' Ground Elevation: 4405.81'

Total Depth: 17' No. of Compl.: 1 Rig Type: Mobile B-53 Location: Basewide

Auger Size: 8" O.D. Sample Type:

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION

CONCRETE 0-1'
BENTONITE PELLETS (1/2") 7'-9'
FRAC SAND (12/20) 9'-17'
SLOTTED 2" PVC SCREEN (0.010") 11'-16'

Well Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

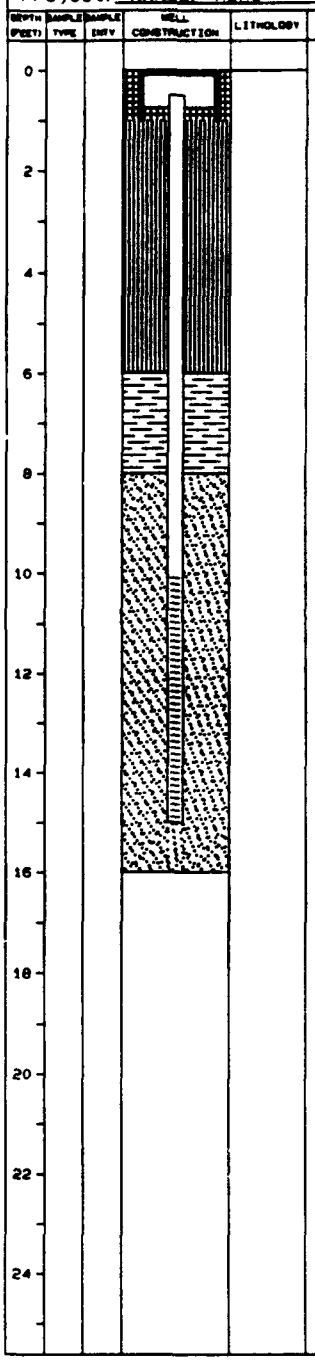
Prepared By: D.B. Ertel Date: 10/17/92 Page: 1 OF 1

Hole No.: PZ02 Casing Elevation: 4401.12' Ground Elevation: 4401.20'

Total Depth: 16' No. of Compl.: 1 Rig Type: Mobile B-53 Location: North of S2

Auger Size: 8" O.D. Sample Type:

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION

CONCRETE 0-1'
BENTONITE PELLETS (1/2") 6'-8'
FRAC SAND (12/20) 8'-16'
SLOTTED 2" PVC SCREEN (0.010") 10'-15'

Well Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

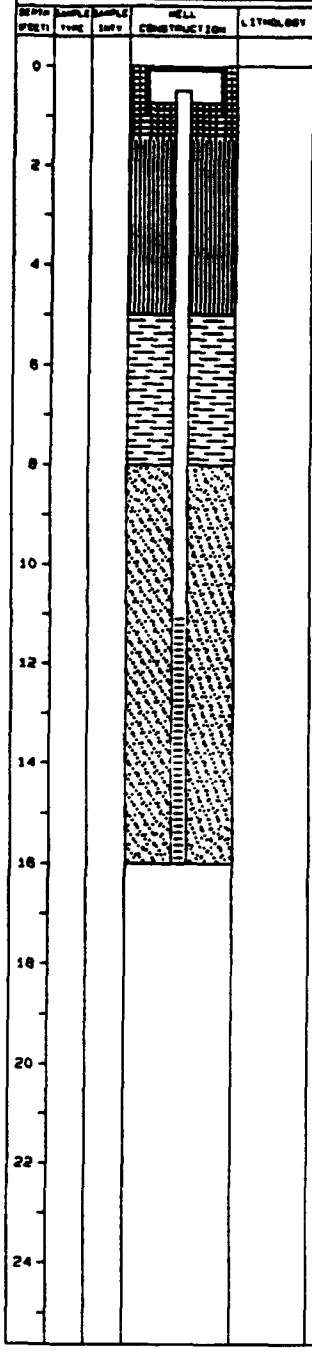
Prepared By: D.B. Ertel Date: 10/18/92 Page: 1 OF 1

Hole No.: PZ03 Casing Elevation: 4398.82' Ground Elevation: 4398.06'

Total Depth: 16.5' No. of Compl.: 1 Rig Type: Mobile B-53 Location: West of apron

Auger Size: 8" O.D. Sample Type:

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION

CONCRETE 0-1.5'
BENTONITE PELLETS (1/2") 5'-8'
FRAC SAND (12/20) 8'-16'
SLOTTED 2" PVC SCREEN (0.010") 11'-16'

Well Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Ertel Date: 10/18/92 Page: 1 OF 1

Hole No.: PZ04 Casing Elevation: 4401.09' Ground Elevation: 4401.43'

Total Depth: 16' No. of Compl.: 1 Rig Type: Mobile B-53 Location: SE of bldg. 1

Auger Size: 8" O.D. Sample Type:

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE INTV	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0					CONCRETE 0-1.5' BENTONITE PELLETS (1/2") 7'-9' FRAC SAND (12/20) 9'-16' SLOTTED 2" PVC SCREEN (0.010") 11'-16'
2					
4					
6					
8					
10					
12					
14					
16					
18					
20					
22					
24					

Well Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Ertel Date: 10/18/92 Page: 1 OF 1

Hole No.: P205 Casing Elevation: 4397.28' Ground Elevation: 4397.58'

Total Depth: 16' No. of Compl.: 1 Rig Type: Mobile B-53 Location: SE corner of apron

Auger Size: 8" O.D. Sample Type:

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE INT'V	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0					CONCRETE 0-1.5'
2					BENTONITE PELLETS (1/2") 7'-9'
4					FRAC SAND (12/20) 9'-16'
6					SLOTTED 2" PVC SCREEN (0.010") 11'-16'
8					
10					
12					
14					
16					
18					
20					
22					
24					

Well Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

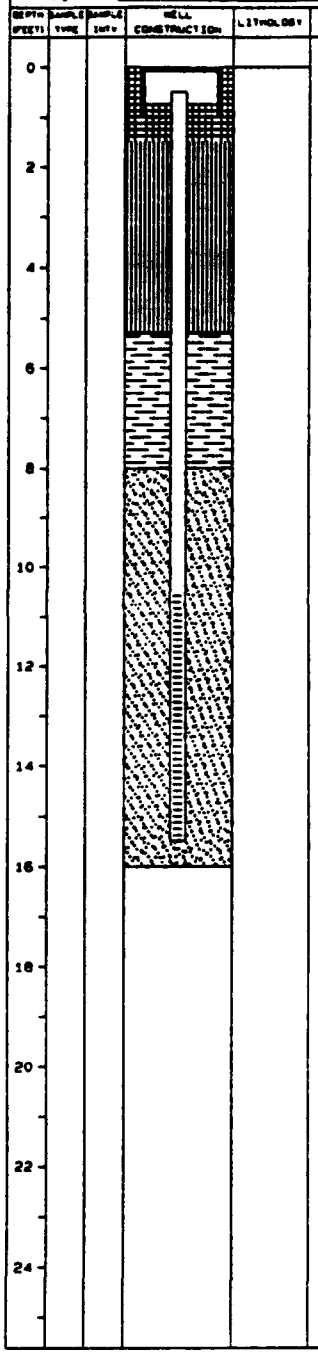
Prepared By: D.B. Ertel Date: 10/18/92 Page: 1 OF 1

Hole No.: PZ06 Casing Elevation: 4397.23' Ground Elevation: 4397.34'

Total Depth: 16' No. of Compl.: 1 Rig Type: Mobile B-53 Location: Edge of apron

Auger Size: 8" O.D. Sample Type:

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION

CONCRETE 0-1.5'
BENTONITE PELLETS (1/2") 5.3'-8'
FRAC SAND (12/20) 8'-16'
SLOTTED 2" PVC SCREEN (0.010") 10.5'-15.5'

Well Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

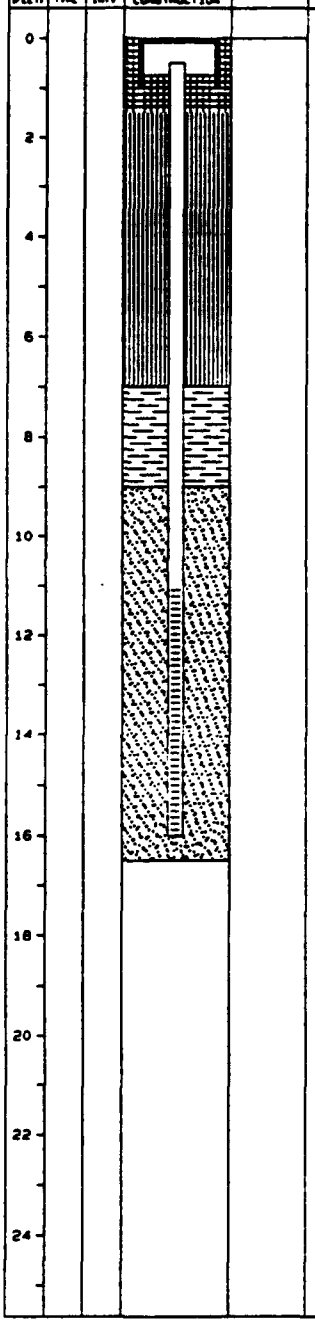
Prepared By: D.B. Ertel Date: 10/19/92 Page: 1 OF 1

Hole No.: PZ07 Casing Elevation: 4403.53' Ground Elevation: 4403.96'

Total Depth: 16.5' No. of Compl.: 1 Rig Type: Mobile B-53 Location: NE part of base

Auger Size: 8" O.D. Sample Type:

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION

CONCRETE 0-1.5'
BENTONITE PELLETS (1/2") 7'-9'
FRAC SAND (12/20) 9'-16.5'
SLOTTED 2" PVC SCREEN (0.010") 11'-16'

Well Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

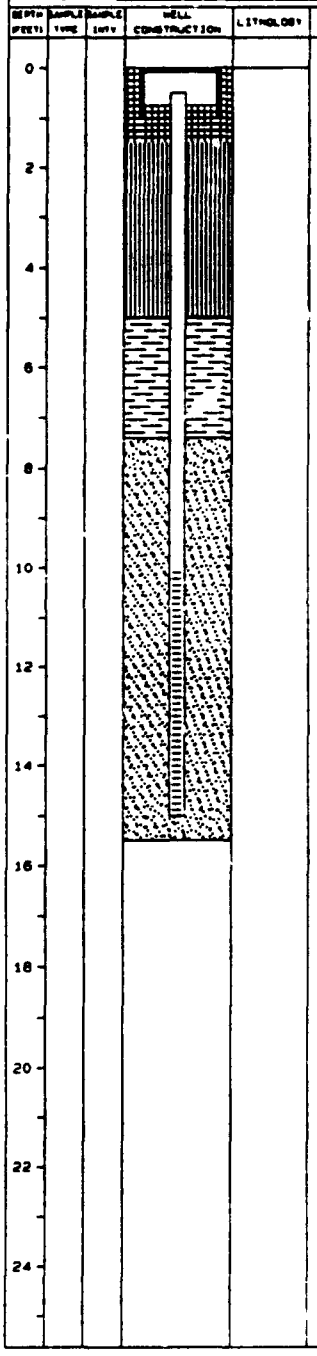
Prepared By D.B. Eriel Date: 10/19/92 Page: 1 OF 1

Hole No.: PZ08 Casing Elevation: 4404.44' Ground Elevation: 4404.51'

Total Depth: 15.5' No. of Compl.: 1 Rig Type: Mobile B-53 Location: 75' NW of entrance

Auger Size: 8" O.D. Sample Type:

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION

CONCRETE 0-1.5'
BENTONITE PELLETS (1/2") 5'-7.4'
FRAC SAND (12/20) 7.4'-15.5'
SLOTTED 2" PVC SCREEN (0.010") 10'-15'

Well Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

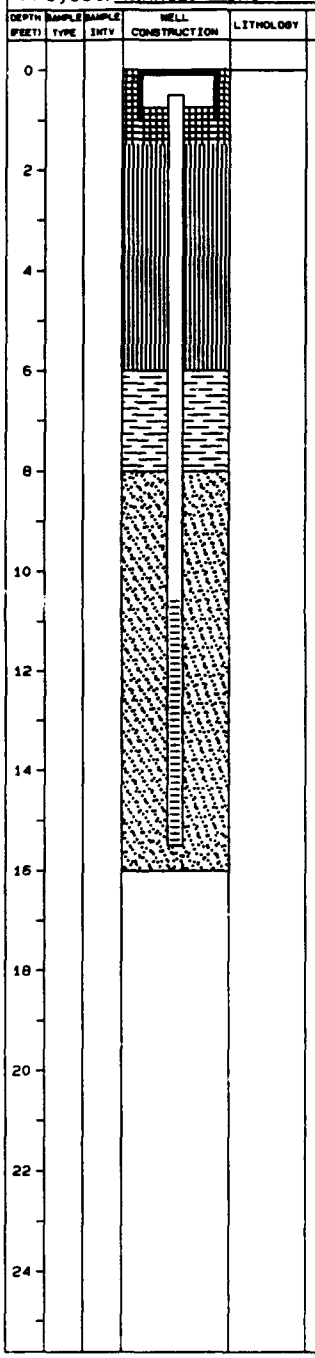
Prepared By: D.B. Ertel Date: 10/19/92 Page: 1 OF 1

Hole No.: PZ09 Casing Elevation: 4403.28' Ground Elevation: 4403.43'

Total Depth: 16' No. of Compl.: 1 Rig Type: Mobile B-53 Location: E of S3

Auger Size: 8" O.D. Sample Type:

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION

CONCRETE 0-1.5'
BENTONITE PELLETS (1/2") 6'-8'
FRAC SAND (12/20) 8'-16'
SLOTTED 2" PVC SCREEN (0.010") 10.5'-15.5'

Well Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

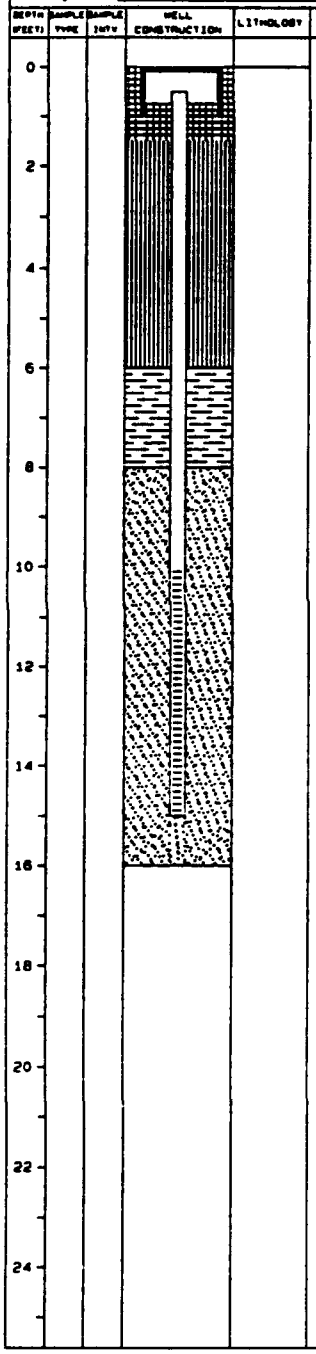
Prepared By: D.B. Ertel Date: 10/19/92 Page: 1 OF 1

Hole No.: PZ10 Casing Elevation: 4403.88' Ground Elevation: 4404.15'

Total Depth: 16' No. of Compl.: 1 Rig Type: Mobile B-53 Location: North of S5

Auger Size: 8" O.D. Sample Type:

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION

CONCRETE 0-1.5'
BENTONITE PELLETS (1/2") 6'-8'
FRAC SAND (12/20) 8'-16'
SLOTTED 2" PVC SCREEN (0.010") 10'-15'

Well Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

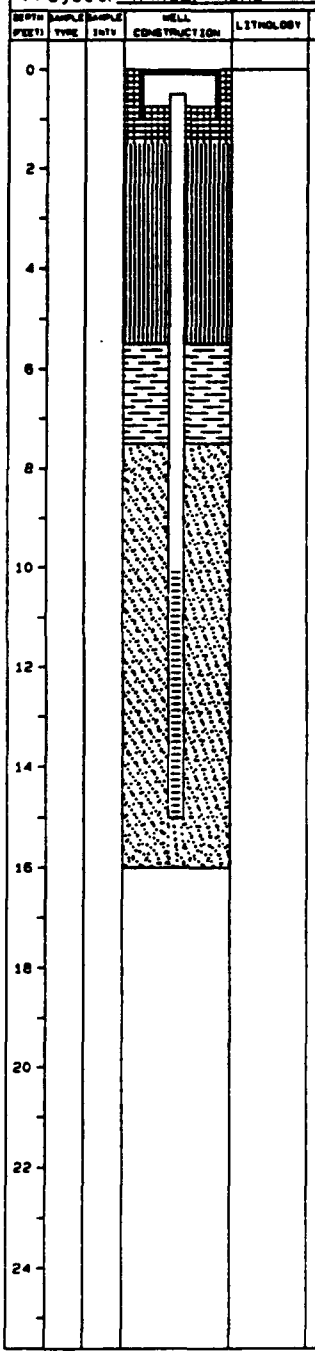
Prepared By: D.B. Ertel Date: 10/20/92 Page: 1 OF 1

Hole No.: PZ11 Casing Elevation: 4404.00' Ground Elevation: 4403.85'

Total Depth: 16' No. of Compl.: 1 Rig Type: Mobile B-53 Location: East of S5

Auger Size: 8" O.D. Sample Type:

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION

CONCRETE 0-1.5'
BENTONITE PELLETS (1/2") 5.5'-7.5'
FRAC SAND (12/20) 7.5'-16'
SLOTTED 2" PVC SCREEN (0.010") 10'-15'

Well Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

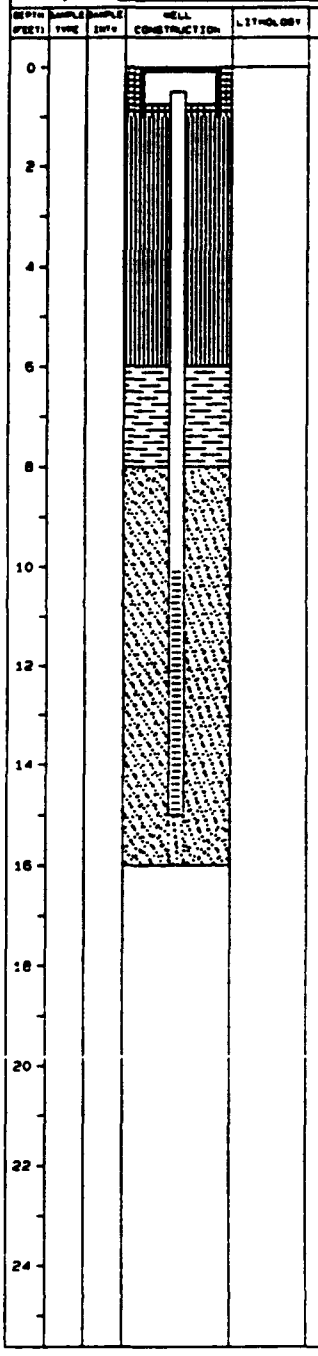
Prepared By: D.B. Eriel Date: 10/20/92 Page: 1 OF 1

Hole No.: PZ12 Casing Elevation: 4404.85' Ground Elevation: 4404.80'

Total Depth: 16' No. of Compl.: 1 Rig Type: Mobile B-53 Location: Airport parking lot

Auger Size: 8" O.D. Sample Type:

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION

CONCRETE 0-1'
BENTONITE PELLETS (1/2") 6'-8'
FRAC SAND (12/20) 8'-16'
SLOTTED 2" PVC SCREEN (0.010") 10'-15'

Well Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

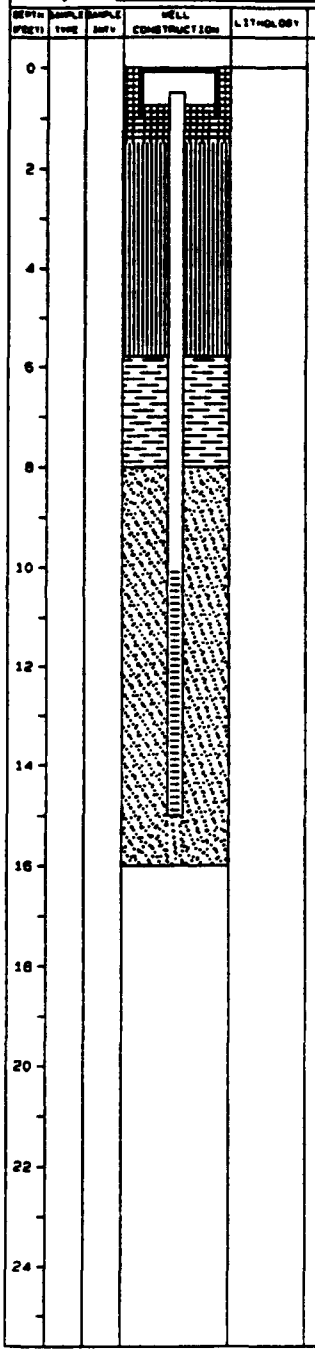
Prepared By: D.B. Ertel Date: 10/20/92 Page: 1 OF 1

Hole No.: PZ13 Casing Elevation: 4405.72' Ground Elevation: 4405.77'

Total Depth: 16' No. of Compl.: 1 Rig Type: Mobile B-53 Location: Basewide

Auger Size: 8" O.D. Sample Type:

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION

CONCRETE 0-1.5'
BENTONITE PELLETS (1/2") 5.8'-8'
FRAC SAND (12/20) 8'-16'
SLOTTED 2" PVC SCREEN (0.010") 10'-15'

Well Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

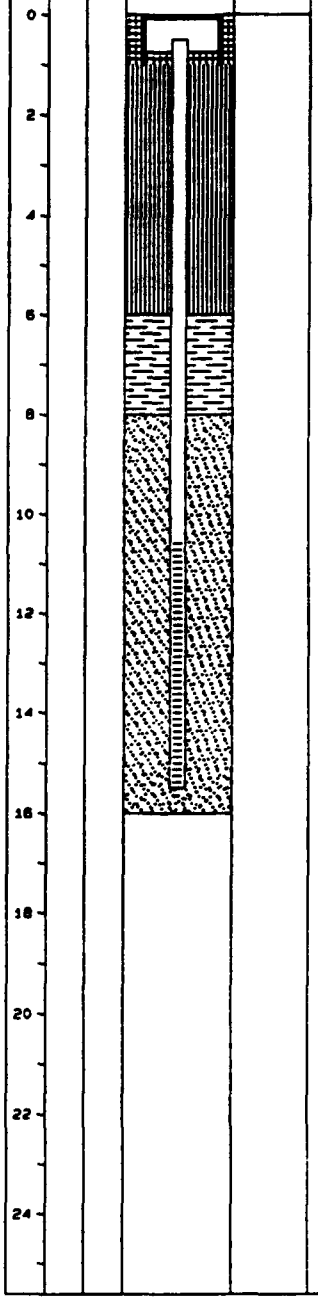
Prepared By: D.B. Ertel Date: 10/21/92 Page: 1 OF 1

Hole No.: PZ14 Casing Elevation: 4403.85' Ground Elevation: 4404.09'

Total Depth: 16' No. of Compl.: 1 Rig Type: Mobile B-53 Location: S of bldg 88

Auger Size: 8" O.D. Sample Type:

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION

CONCRETE 0-1'
BENTONITE PELLETS (1/2") 6'-8'
FRAC SAND (12/20) 8'-16'
SLOTTED 2" PVC SCREEN (0.010") 10.5'-15.5'

B-45
Well Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

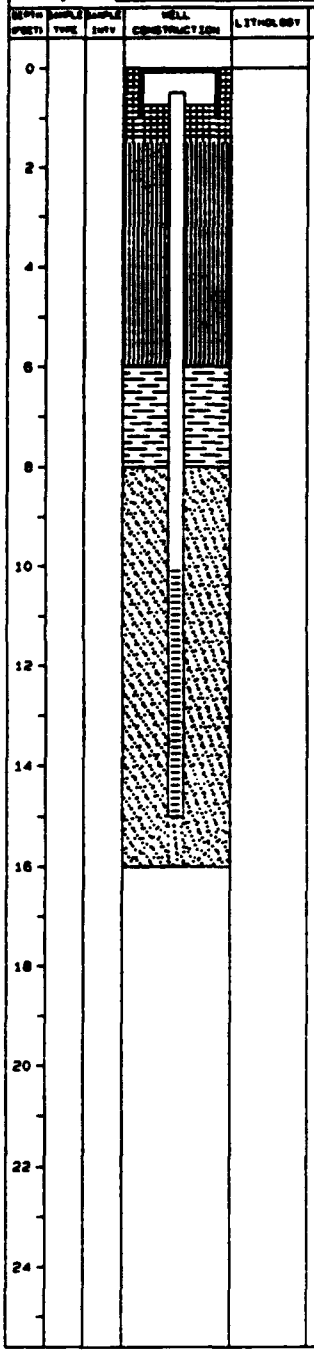
Prepared By: D.B. Ertel Date: 10/21/92 Page: 1 OF 1

Hole No.: PZ15 Casing Elevation: 4399.55' Ground Elevation: 4399.55'

Total Depth: 16' No. of Compl.: 1 Rig Type: Mobile B-53 Location: S7

Auger Size: 8" O.D. Sample Type:

Project: NANGB, Reno Data Verified By: F.B. Gardner Date: 3/5/93



DESCRIPTION

CONCRETE 0-1.5'
BENTONITE PELLETS (1/2") 6'-8'
FRAC SAND (12/20) 8'-16'
SLOTTED 2" PVC SCREEN (0.010") 10'-15'

Well Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

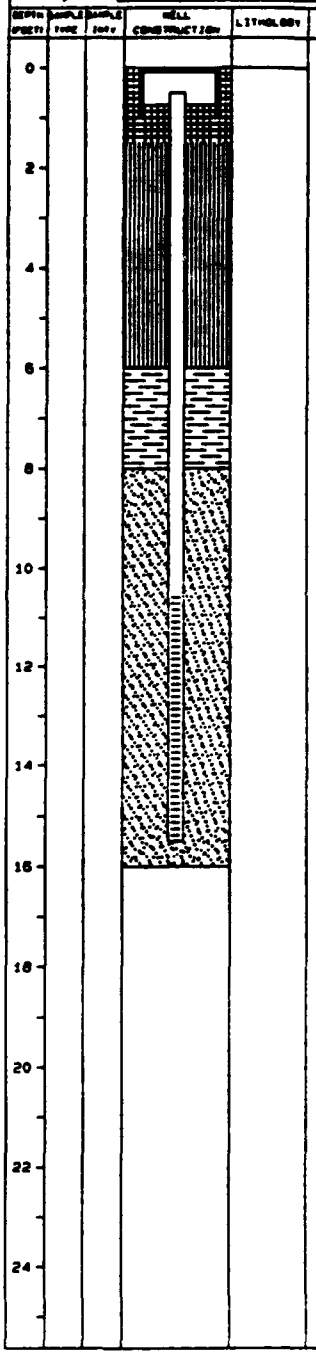
Prepared By: D.B. Ertel Date: 10/21/92 Page: 1 OF 1

Hole No.: PZ16 Casing Elevation: 4400.13' Ground Elevation: 4400.04'

Total Depth: 16' No. of Compl.: 1 Rig Type: Mobile B-53 Location: S of Bldg 12

Auger Size: 8" O.D. Sample Type:

Project: NANGB Reno Data Verified By: F.G. Gardner Date: 3/5/93



DEPTH (FEET)	SAMPLE TYPE	SAMPLE INTV	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
					CONCRETE 0-1.5' BENTONITE PELLETS (1/2") 6'-8' FRAC SAND (12/20) 8'-16' SLOTTED 2" PVC SCREEN (0.010") 10.5'-15.5'

Well Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

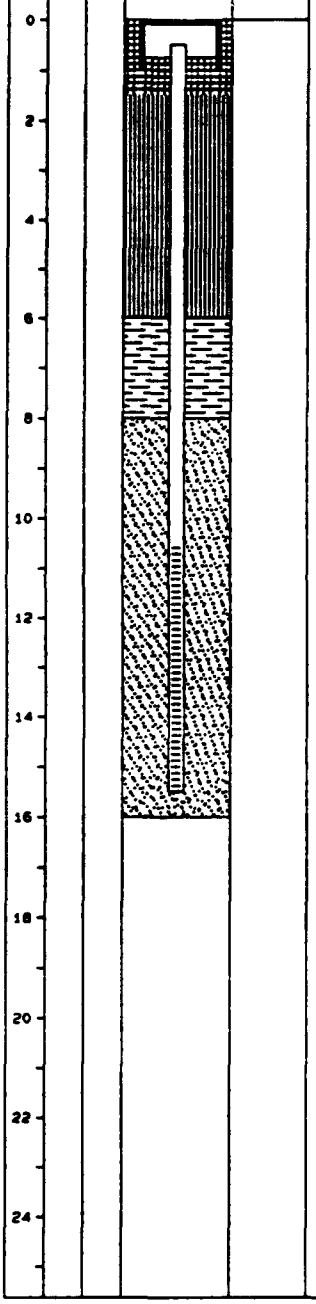
Prepared By: D.B. Ertel Date: 10/21/92 Page: 1 OF 1

Hole No.: PZ17 Casing Elevation: 4403.54' Ground Elevation: 4403.84'

Total Depth: 16' No. of Compl.: 1 Rig Type: Mobile B-53 Location: NE of Bldg 56

Auger Size: 8" O.D. Sample Type:

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION

CONCRETE 0-1.5'
BENTONITE PELLETS (1/2") 6'-8'
FRAC SAND (12/20) 8'-16'
SLOTTED 2" PVC SCREEN (0.010") 10.5'-15.5'

Well Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

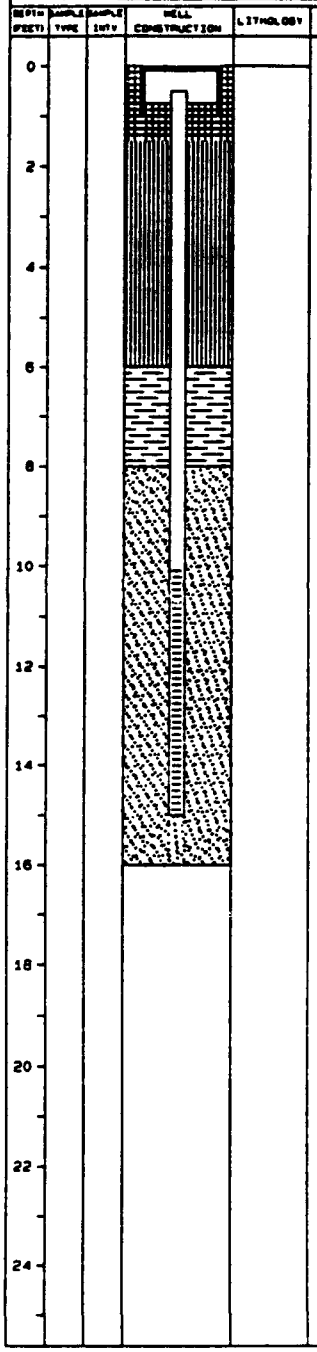
Prepared By: D.B. Ertel Date: 10/22/92 Page: 1 OF 1

Hole No.: PZ18 Casing Elevation: 4403.60' Ground Elevation: 4403.77'

Total Depth: 16' No. of Compl.: 1 Rig Type: Mobile B-53 Location: S4

Auger Size: 8" O.D. Sample Type:

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION

CONCRETE 0-1.5'
BENTONITE PELLETS (1/2") 6'-8'
FRAC SAND (12/20) 8'-16'
SLOTTED 2" PVC SCREEN (0.010") 10'-15'

Well Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Eriel Date: 10/22/92 Page: 1 OF 1

Hole No.: PZ19 Casing Elevation: 4404.41' Ground Elevation: 4404.30'

Total Depth: 15' No. of Compl.: 1 Rig Type: Manila B-53 Location: S4

Auger Size: 8" O.D. Sample Type:

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE INTV	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0					CONCRETE 0-1.5'
2					BENTONITE PELLETS (1/2") 6'-8'
4					FRAC SAND (12/20) 8'-15'
6					SLOTTED 2" PVC SCREEN (0.010") 10'-15'
8					
10					
12					
14					
16					
18					
20					
22					
24					

Well Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Ertel Date: 10/22/92 Page: 1 OF 1

Hole No.: PZ20 Casing Elevation: 4404.25' Ground Elevation: 4404.47'

Total Depth: 16' No. of Compl.: 1 Rig Type: Mobile B-53 Location: Rd to North gate

Auger Size: 8" O.D. Sample Type:

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE INTV	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0					CONCRETE 0-1.5' BENTONITE PELLETS (1/2") 6'-8' FRAC SAND (12/20) 8'-16' SLOTTED 2" PVC SCREEN (0.010") 10.5'-15.5'
2					
4					
6					
8					
10					
12					
14					
16					
18					
20					
22					
24					

Borehole Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

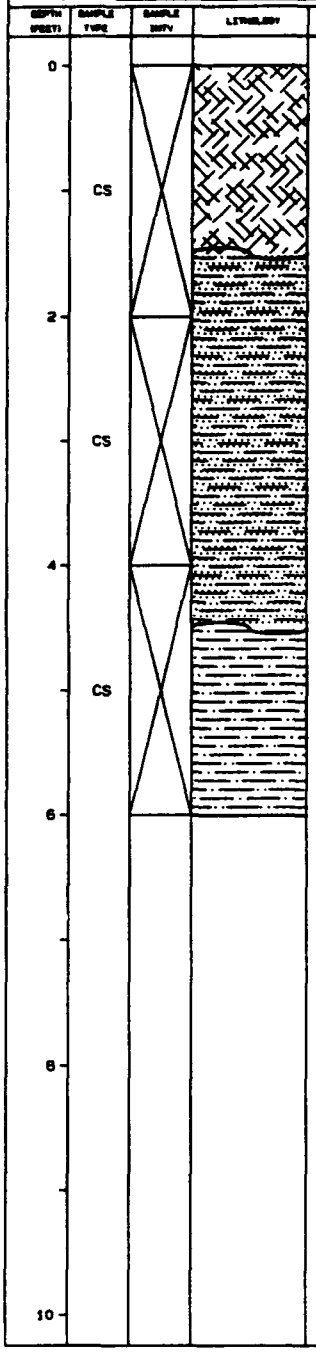
Prepared By: D.B. Ertel Date: 12/3/92 Page: 1 OF 1

Hole No.: BH01 Ground Elevation:

Total Depth: 6' Rig Type: Mobile B-53 Location: West of S3

Auger Size: 6" O.D. Sample Type: 2.5" x 2.5' Split-Spoon (California method)

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION

FILL: gravelly sand, predominantly gravel, dry, unconsolidated.

CS CLAYEY SILT: yellowish brown (10YR 5/4), blocky, very stiff, slightly damp, homogeneous, trace elongated carbonaceous material, trace vertical pores 1 mm.

SC SANDY CLAY: medium gray (2.5Y 5/0), blocky, consolidated, very stiff, damp, predominantly fine grained sand, occasional coarse sand, abundant limonite staining, trace worm borrows.

Borehole Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

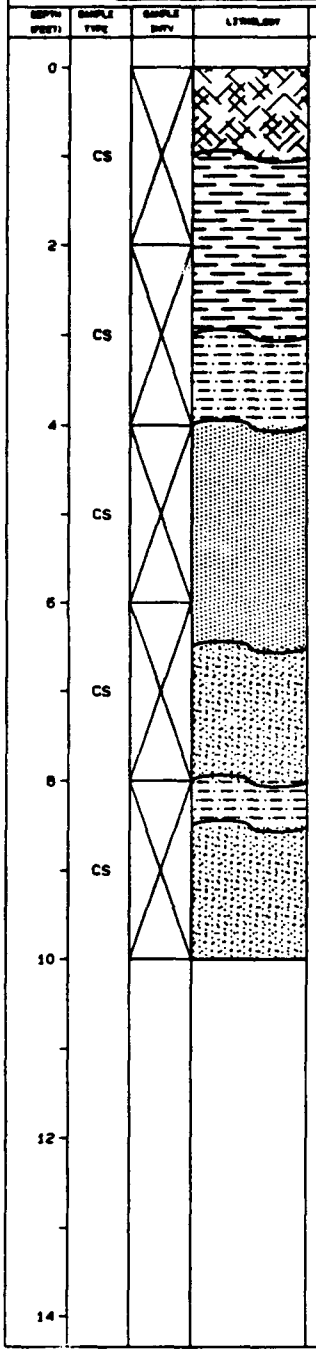
Prepared By: D.B. Ertel Date: 12/3/92 Page: 1 OF 1

Hole No.: BH02 Ground Elevation:

Total Depth: 10' Rig Type: Mobile B-53 Location: S3

Auger Size: 6" O.D. Sample Type: 2.5" x 2.5' Split-Spoon (California method)

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION

FILL: silty gravel, unconsolidated, dry.

CL CLAY: grayish brown (2.5Y 5/2), blocky, dry, hard, off-white disseminated calcium carbonate, calcareous matrix, occasional organic material (roots).
Increasing silt, yellow brown (10YR 4/6).

SM SANDY SILT: grayish brown (2.5Y 5/2), hard, dry, fine to coarse grained sand, abundant limonite staining.

SP SAND: dark gray (2.5Y 4/0), medium grained (mU), subangular, consolidated, weathered granite fragments, abundant fine to coarse gravel to 3.5 cm, abundant limonite staining.

Increasing clay content, plastic, gray-green, occasional organic material (roots).

SW SAND: brown gray, medium grained, subrounded, consolidated, wet, occasional organic material (roots), becoming coarse grained at 7', with an oxidized zone at 8': dark red, black, reddish orange, and dark green.

SM SANDY SILT: dark greenish gray (5BG 4/1), mottled dark green, dense, damp, medium grained, occasional mica, laminated, occasional organic material (roots).

SP SAND: brown gray, medium to coarse grained, subangular to subrounded, saturated, trace gravel to 2.5 cm.

Borehole Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

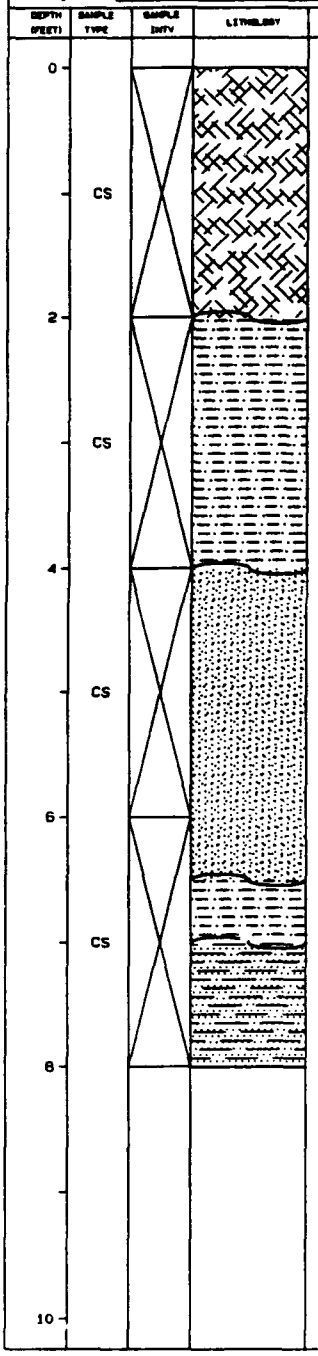
Prepared By: D.B. Ertel Date: 12/3/92 Page: 1 OF 1

Hole No.: BH03 Ground Elevation:

Total Depth: 8' Rig Type: Mobile B-53 Location: S3

Auger Size: 6" O.D. Sample Type: 2.5" x 2.5' Split-Spoon (California method)

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION
FILL: silty, occasional gravel partially consolidated, dry.
SM SANDY SILT: medium gray to gray brown, blocky, hard, fine grained sand, occasional organic material (twigs and roots), occasional limonite staining, occasional gravel to 3 cm.
SW SAND: dark grayish brown (10YR 4/2), fine to medium grained, subangular to subrounded, consolidated, damp, trace organic material (roots), occasional limonite staining.
SM SANDY SILT: very dark grayish brown (2.5Y 3/2), increasing clay content, plastic, moist, fine to medium grained sand, trace organic material (roots), abundant limonite staining.
CS SILTY CLAY: dark greenish gray (5G 4/1), medium stiff, damp, trace gravel to 2.5 cm, weathered granite.

Borehole Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

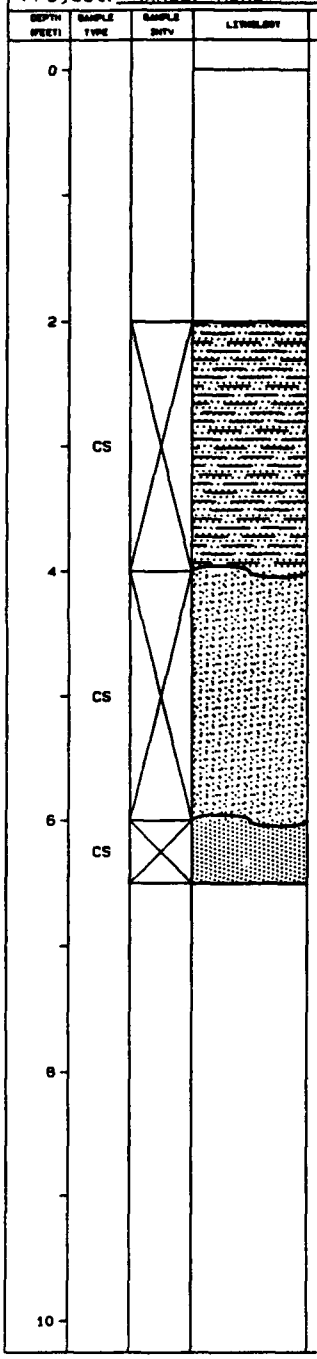
Prepared By: D.B. Ertel Date: 12/3/92 Page: 1 OF 1

Hole No.: BH04 Ground Elevation:

Total Depth: 6.5' Rig Type: Mobile B-53 Location: Airport parking lot

Auger Size: 6" O.D. Sample Type: 2.5" x 2.5' Split-Spoon (California method)

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION

No sample taken.

CS CLAYEY SILT: brown (10YR 4/3), cohesive, homogeneous, medium plasticity, moist, stiff.

SW SAND: dark gray (2.5Y 4/0), medium grained (mL-mU), subrounded, wet, occasinal organic material (roots), consolidated, trace gravel to 3.5 cm, abundant limonite staining, weathered granite fragments.

Increasing clay content, plastic.

SP SAND: very dark gray (2.5Y 3/0) to dark yellowish brown (10YR 4/6), medium grained, subrounded, silty, moist, clayey, slightly plastic, moderately consolidated, abundant limonite staining.

NOTE: Lost sampling equipment in hole at 6.5'. Moved 3 ' north and drilled BH05.

Borehole Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

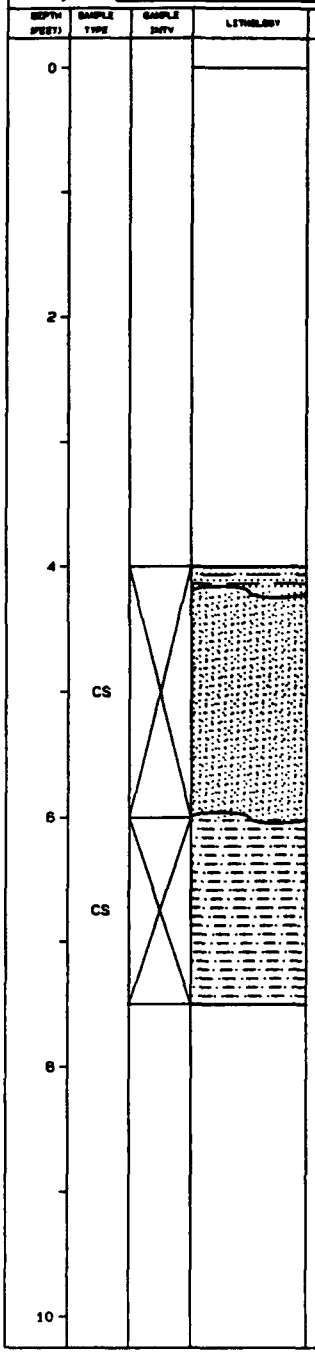
Prepared By: D.B. Ertel Date: 12/3/92 Page: 1 OF 1

Hole No.: BH05 Ground Elevation:

Total Depth: 7.5' Rig Type: Mobile B-53 Location: 3' north of BH04

Auger Size: 6" O.D. Sample Type: 2.5" x 2.5' Split-Spoon (California method)

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION

Augered to 4' before sampling.

CS CLAYEY SILT: medium gray to yellow brown, laminated to thinly laminated bedding.

SW SAND: dark gray (7.5YR 4/0), fine to medium grained, angular to subangular, consolidated, moist, clayey, trace coarse gravel to 2.5 cm, abundant limonite staining.

SM SANDY SILT: very dark gray (2.5Y 3/0), moist, clayey, slightly plastic, consolidated, increasing sand content; brown, medium grained, weathered granite fragment, trace gravel to 1 cm.

Borehole Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

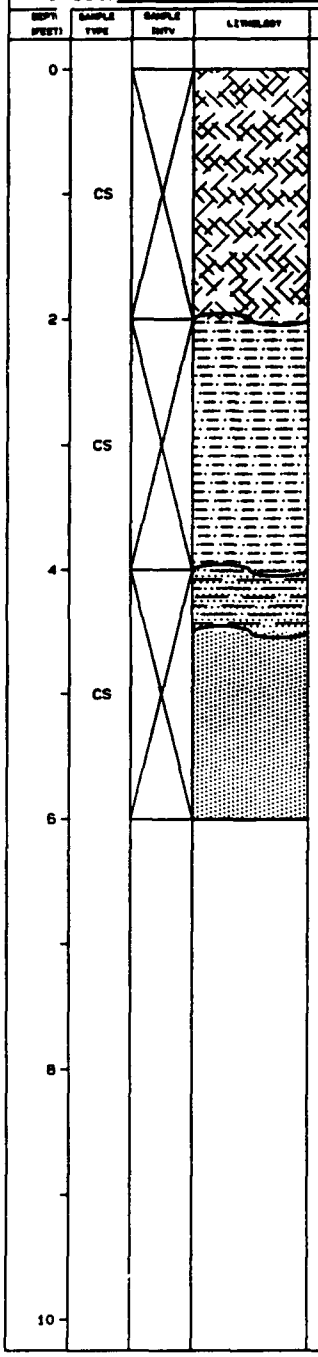
Prepared By: D.B. Ertel Date: 12/4/92 Page: 1 OF 1

Hole No.: BH06 Ground Elevation:

Total Depth: 6' Rig Type: Mobile B-53 Location: S5

Auger Size: 6" O.D. Sample Type: 2.5" x 2.5' Split-Spoon (California method)

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION
FILL: pale gray sandy silt, consolidated, dry, trace gravel.
SM SILT: pale brown, dry, limited recovery.
CS SILTY CLAY: dark greenish gray (5BG 4/1), high plasticity, moist.
SP SAND: color as above, medium grained, subrounded, loose, abundant coarse gravel to 6.5 cm, strong fuel odor.

Borehole Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

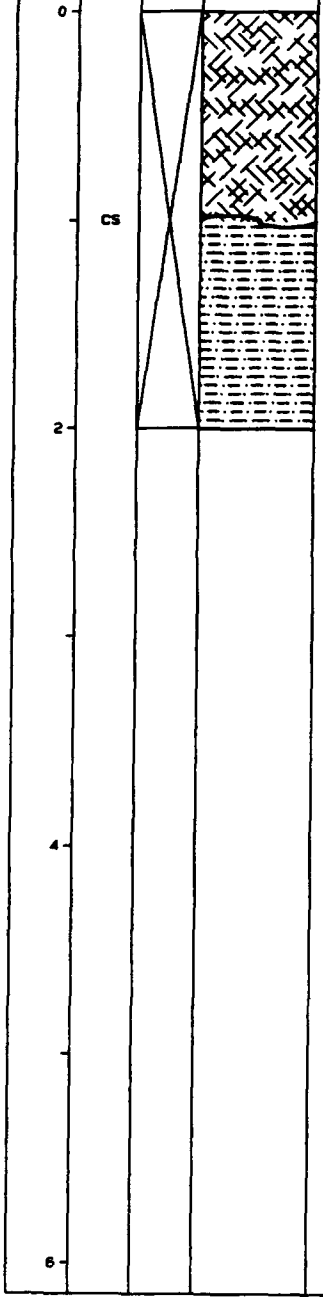
Prepared By: D.B. Ertel Date: 12/4/92 Page: 1 OF 1

Hole No.: BH07 Ground Elevation:

Total Depth: 2' Rig Type: Mobile B-53 Location: S5

Auger Size: 6" O.D. Sample Type: 2.5" x 2.5' Split-Spoon (California method)

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION

FILL: pale gray sandy silt, dry, occasional gravel.

SM SILT: pale gray, dense, dry, hard, occasional organic material (roots).

Auger refusal at 2'.

Borehole Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

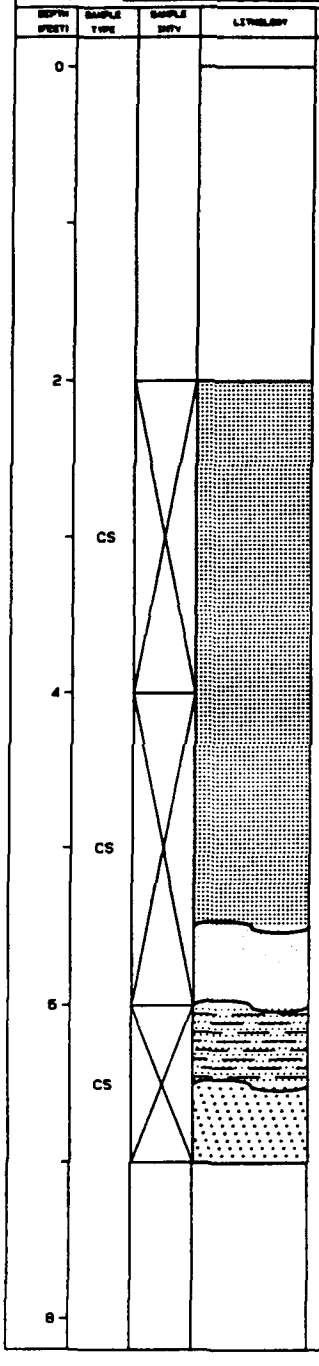
Prepared By: D.B. Ertel Date: 12/4/92 Page: 1 OF 1

Hole No.: BH08 Ground Elevation:

Total Depth: 7' Rig Type: Mobile B-53 Location: S5

Auger Size: 6" O.D. Sample Type: 2.5" x 2.5' Split-Spoon (California method)

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION

No sample taken.

SP SAND: gray (2.5Y 5/0), fine grained, subrounded, dense, consolidated, damp, abundant limonite staining, trace gravel to 2.5 cm. Weathered granite fragments, gravel to 3.5 cm.

SP SAND: dark grayish brown (2.5Y 4/2), fine grained, subrounded, clayey, plastic, abundant limonite staining, dark reddish-black oxidized zones along root cavities up to 1 cm in length.

CS SILTY CLAY: medium gray mottled dark green, blocky, damp, homogeneous.

SP SAND: gray brown, coarse grained (cL), sub-rounded, wet, becoming gray.

Refusal at 7'.

Borehole Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

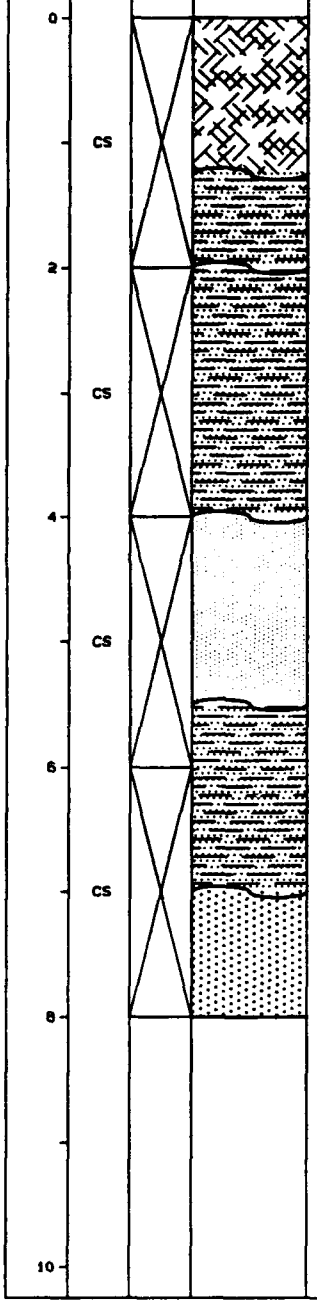
Prepared By: D.B. Ertel Date: 12/4/92 Page: 1 OF 1

Hole No.: BH09 Ground Elevation:

Total Depth: 8' Rig Type: Mobile B-53 Location: S5

Auger Size: 6" O.D. Sample Type: 2.5" x 2.5" Split-Spoon (California method)

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION
FILL: sandy silt, occasional gravel, dry.
CS CLAY: off-white, dense, dry, hardpan, calcareous, trace organic material (roots).
CS CLAYEY SILT: brown (7.5YR 4/2), hard, slightly damp, abundant carbonaceous material, occasional gravel to 2 cm, abundant limonite staining, trace organic material. Becoming sandy, fine grained, moderately consolidated, gravel to 3 cm.
SP SAND: olive brown (2.5Y 4/4), fine grained, moist, loose, trace gravel to 3 cm.
CS SILTY CLAY: dark blue gray (5B 4/1), blocky, damp, fissile, trace mica, trace organic material.
SAND: gray brown, medium to coarse grained, subangular to subrounded, wet, occasional gravel to 3.75 cm.

Borehole Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

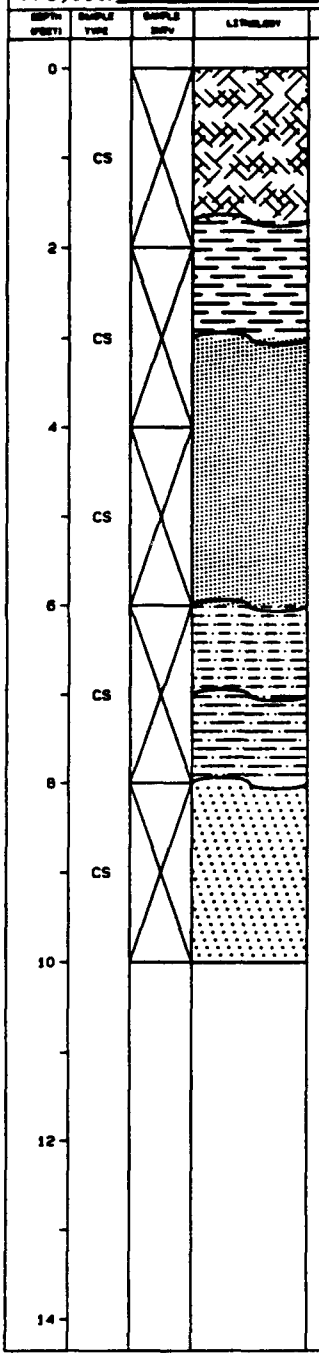
Prepared By: D.B. Ertel Date: 12/4/92 Page: 1 OF 1

Hole No.: BH10 Ground Elevation:

Total Depth: 10' Rig Type: Mobile B-53 Location: S5

Auger Size: 6" O.D. Sample Type: 2.5" x 2.5' Split-Spoon (California method)

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION

FILL: pale gray gravelly silt, unconsolidated, dry, gravel to 3 cm.

CL CLAY: off-white, dense, dry, consolidated, off-white disseminated calcium carbonate, calcareous matrix, trace organic material.

SM SILTY SAND: yellow brown to gray brown, mottled pale gray, fine grained, subrounded, dry, hard, consolidated, occasional gravel to 2 cm.

Becoming moist, abundant limonite staining.

SP SAND: dark gray (7.5YR 4/0) to dark grayish brown (2.5Y 4/2), medium grained, subrounded, loose, wet, occasional gravel.

SC CLAYEY SAND: dark gray mottled, dark greenish gray (5BG 4/1), fine grained, subrounded, consolidated, blocky, moist.

SP SAND: brown, coarse grained, subrounded, saturated, trace gravel to 4.5 cm.

Borehole Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Ertel Date: 12/4/92 Page: 1 OF 1

Hole No.: BH11 Ground Elevation:

Total Depth: 4' Rig Type: Mobile B-53 Location: S4

Auger Size: 6" O.D. Sample Type: 2.5" x 2.5' Split-Spoon (California method)

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE INTV	LITHOLOGY	DESCRIPTION
0	CS			FILL: brown silt, moist, occasional organic material (roots), trace gravel.
2				Hit sprinkler line at 4'.
4				
6				

Borehole Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

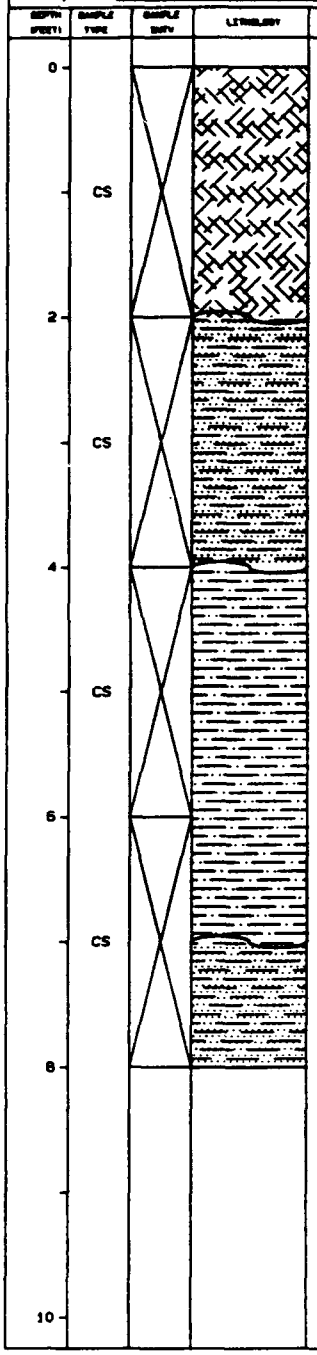
Prepared By: D.B. Ertel Date: 12/4/92 Page: 1 OF 1

Hole No.: BH12 Ground Elevation:

Total Depth: 8' Rig Type: Mobile B-53 Location: S4

Auger Size: 6" O.D. Sample Type: 2.5" x 2.5" Split-Spoon (California method)

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION

FILL: yellow brown sand, abundant gravel, slightly damp, becoming dark brownish gray silt, dense, dry, with occasional gravel.

CS SILTY CLAY: yellowish brown (10YR 5/6), mottled brown, damp, very stiff, occasional organic material (roots), occasional limonite staining, occasional carbonaceous material.

SP CLAYEY SAND: dark yellowish brown (10YR 4/6) to gray, fine grained, subrounded, moist, abundant organic material (roots), abundant carbonaceous material.

SP CLAYEY SAND: as above, dark yellowish brown (10YR 4/4), homogeneous, highly plastic.

CS SILTY CLAY: dark gray, moist, plastic, consolidated, strong fuel odor.

Borehole Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

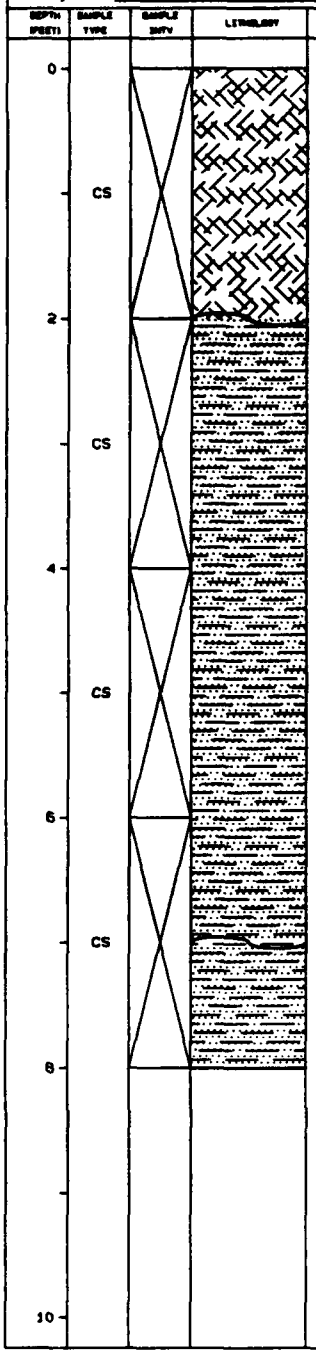
Prepared By: D.B. Ertel Date: 12/4/92 Page: 1 OF 1

Hole No.: BH13 Ground Elevation:

Total Depth: 8' Rig Type: Mobile B-53 Location: S4

Auger Size: 6" O.D. Sample Type: 2.5" x 2.5' Split-Spoon (California method)

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION

FILL: yellow brown sand, abundant gravel, slightly damp, becoming dark brownish gray silt, dense, dry, with occasional gravel.

CS CLAYEY SILT: yellowish brown (10YR 5/6), damp, moderately consolidated, homogeneous, white calcareous laminae.

Becoming sandy, fine grained, consolidated, trace organic material , moist, occasional carbonaceous material, occasional limonite staining.

Increasing clay content, light gray, moist, abundant limonite staining.

CS SILTY CLAY: dark gray, moist, plastic, consolidated, fuel odor.

Borehole Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

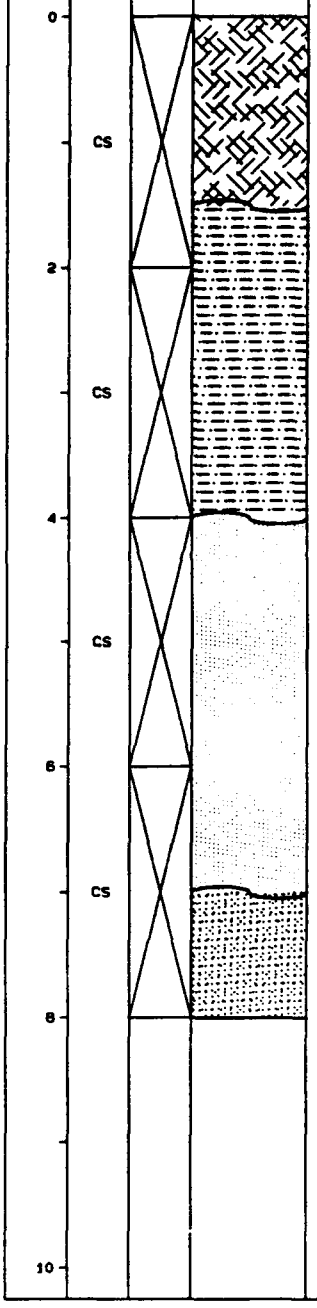
Prepared By: D.B. Ertel Date: 12/4/92 Page: 1 OF 1

Hole No.: BH14 Ground Elevation:

Total Depth: 8' Rig Type: Mobile B-53 Location: S4

Auger Size: 6" O.D. Sample Type: 2.5" x 2.5' Split-Spoon (California method)

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION
FILL: yellow brown gravelly sand, damp, becoming dark brownish gray silt, dense, dry, occasional limonite staining, occasional organic material.
SM SILT: yellowish brown (10YR 5/4), damp, medium stiff, homogeneous.
SP SAND: gray to yellowish brown (10YR 5/4), fine grained, subrounded, trace organic material, abundant carbonaceous material, moist, consolidated.
SW SAND: dark gray, fine to medium grained, rounded, consolidated, wet, clayey, occasional gravel, fuel odor.

Borehole Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

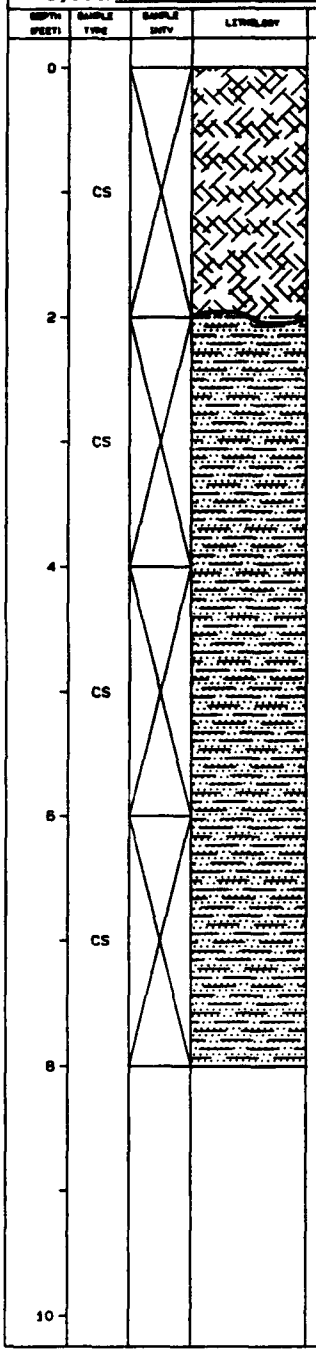
Prepared By: D.B. Ertel Date: 12/4/92 Page: 1 OF 1

Hole No.: BH15 Ground Elevation:

Total Depth: 8' Rig Type: Mobile B-53 Location: S4

Auger Size: 6" O.D. Sample Type: 2.5" x 2.5' Split-Spoon (California method)

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION
FILL: brown silty sand, damp, consolidated, occasional organic material.
CS CLAYEY SILT: brown (10YR 4/3), moist, consolidated, white calcareous laminae, trace organic material, trace limonite staining.
Mottled light gray, increasing sand, fine grained.
CS CLAYEY SILT: as above, medium gray to yellowish brown (10YR 5/4), plastic, moist, consolidated, sandy, fine grained.

Borehole Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

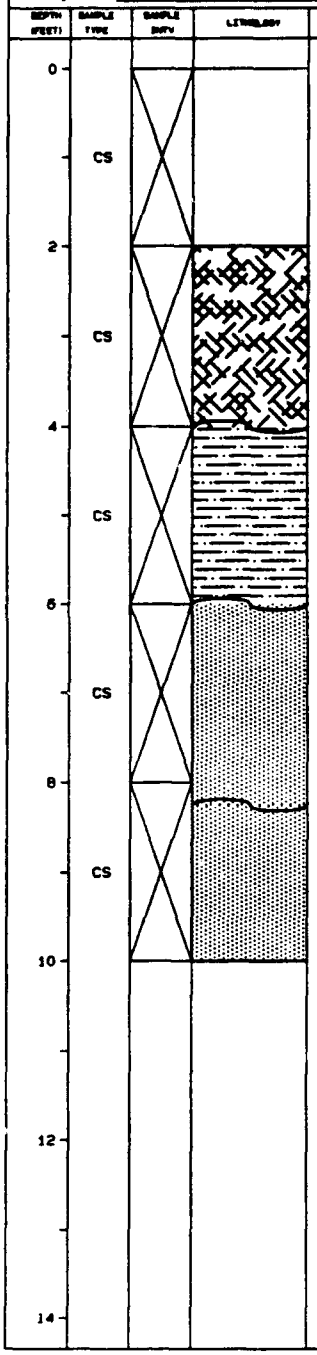
Prepared By: O.B. Ertel Date: 12/5/92 Page: 1 OF 1

Hole No.: BH16 Ground Elevation:

Total Depth: 10' Rig Type: Mobile B-53 Location: S13

Auger Size: 6" O.D. Sample Type: 2.5" x 2.5' Split-Spoon (California method)

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION

No sample taken.

FILL: brown gravelly sand, silty, loose, slightly damp, occasional gravel.

SC CLAYEY SAND: yellowish brown (10YR 5/4), fine grained, subrounded, blocky, moist, abundant limonite staining, abundant carbonaceous material, trace gravel to 3.5 cm.

SP SAND: dark gray (2.5Y 4/0), medium grained (mL), subangular, loose, moist.

Becoming gray brown, well graded (fU-cL), wet.

SP SAND: dark gray, medium grained (mL), subangular, loose, saturated.

Borehole Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

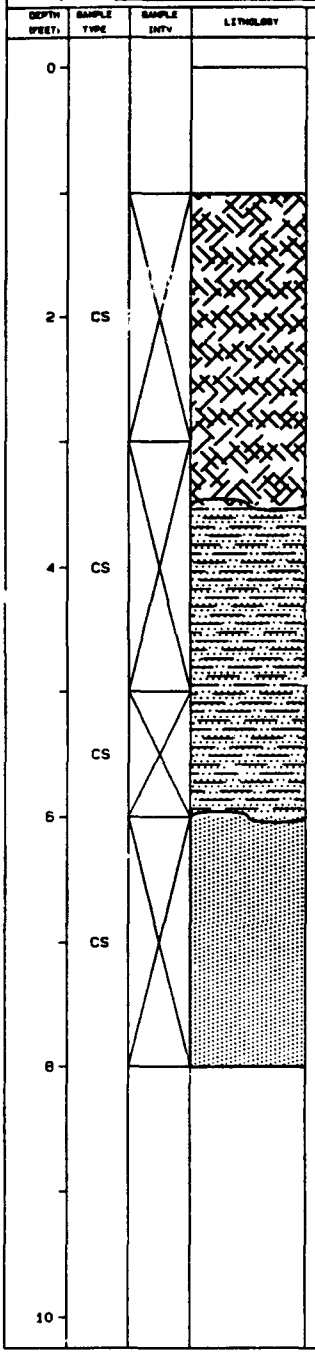
Prepared By: D.B. Ertel Date: 12/5/92 Page: 1 OF 1

Hole No.: BH17 Ground Elevation:

Total Depth: 8' Rig Type: Mobile B-53 Location: SI3

Auger Size: 6" O.D. Sample Type: 2.5" x 2.5' Split-Spoon (California method)

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION

Asphalt 0'-1', no sample taken.

FILL: dark brown gray to off white sandy gravel, damp, unconsolidated gravel.

CS SILTY CLAY: olive brown (2.5Y 4/3), soft, moist, blocky, abundant limonite staining, occasional carbonaceous material, trace gravel to 1 cm.

SP SAND: medium gray to dark grayish brown (2.5Y 4/2), fine grained, subrounded, wet, moderately consolidated, trace organic material (roots), trace limonite staining.

Borehole Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

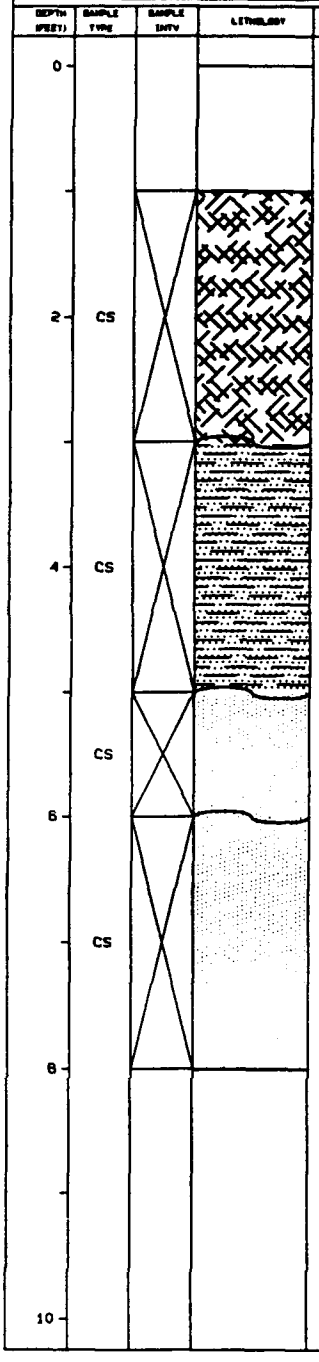
Prepared By: D.B. Ertel Date: 12/5/92 Page: 1 OF 1

Hole No.: BH18 Ground Elevation:

Total Depth: 8' Rig Type: Mobile B-53 Location: Si3

Auger Size: 6" O.D. Sample Type: 2.5" x 2.5' Split-Spoon (California method)

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION

Asphalt 0'-1', *no sample taken.*

FILL: dark gray clay to silty gravel, damp, unconsolidated gravel.

CS SILTY CLAY: pale gray to yellowish brown (10YR 5/4) mottled dark brown, plastic, damp, cohesive, occasional limonite staining.

SP SAND: olive brown (2.5Y 4/3), fine grained, subangular, loose, moist, trace carbonaceous material, trace pyrite grains, trace gravel to 1 cm.

SP SAND: dark greenish gray (5BG 4/1) to dark blue gray (5B 4/1), fine grained, subangular to subrounded, dense, wet, trace pores to 1 mm with concentric limonite staining; becoming dark gray, medium grained, occasional mica grains, homogeneous, trace organic material (roots).

Borehole Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

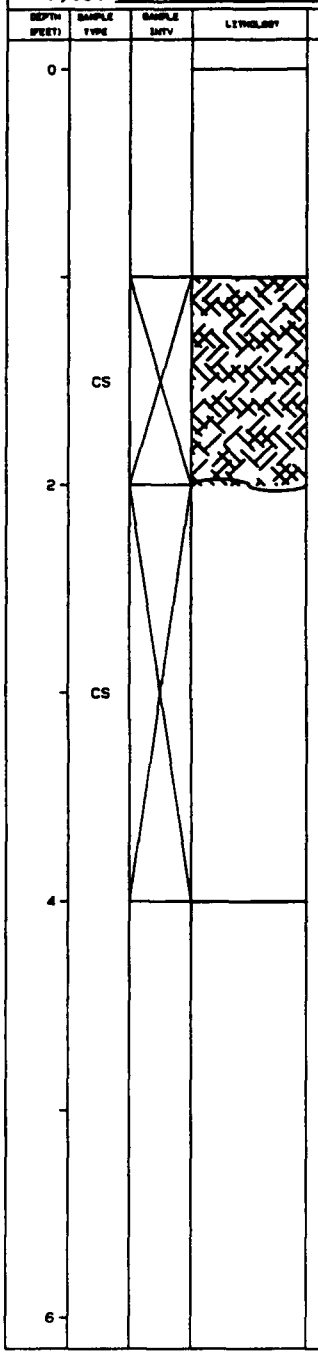
Prepared By: D.B. Ertel Date: 12/5/92 Page: 1 OF 1

Hole No.: BH19 Ground Elevation:

Total Depth: 4' Rig Type: Mobile B-53 Location: S13

Auger Size: 6" O.D. Sample Type: 2.5" x 2.5' Split-Spoon (California method)

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION

No sample taken 0-1'.

FILL: silty gravel, predominantly small gravel, slightly damp, unconsolidated.

No sample recovered.

Refusal at 4'.

Borehole Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

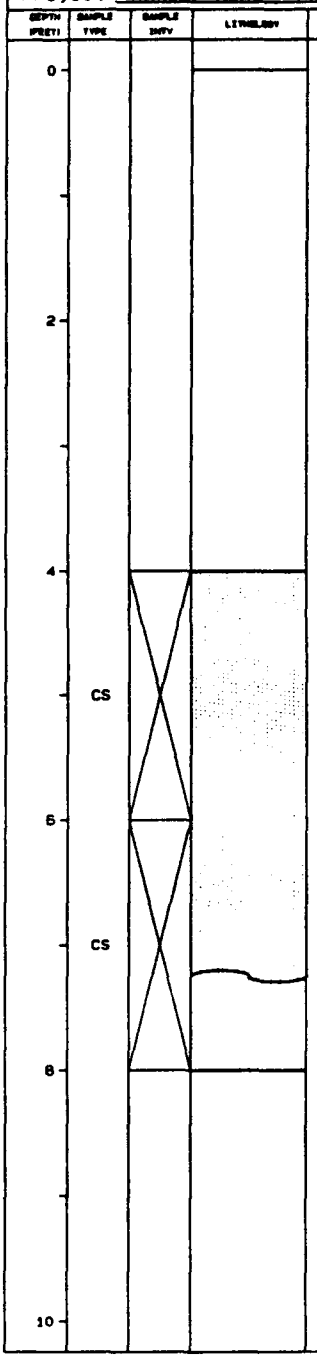
Prepared By: D.B. Ertel Date: 12/5/92 Page: 1 OF 1

Hole No.: BH20 Ground Elevation:

Total Depth: 8' Rig Type: Mobile B-53 Location: S13, near bldg 19

Auger Size: 6" O.D. Sample Type: 2.5" x 2.5' Split-Spoon (California method)

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION
No sample taken.
No sample taken.
SP SAND: dark grayish brown (2.5Y 4/2), fine grained, subangular, clayey, plastic, occasional limonite staining, trace gravel to 3.5 cm, trace organic material (roots).
SP SAND: dark gray, fine grained, subrounded, wet, loose, trace organic material (roots).

Borehole Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

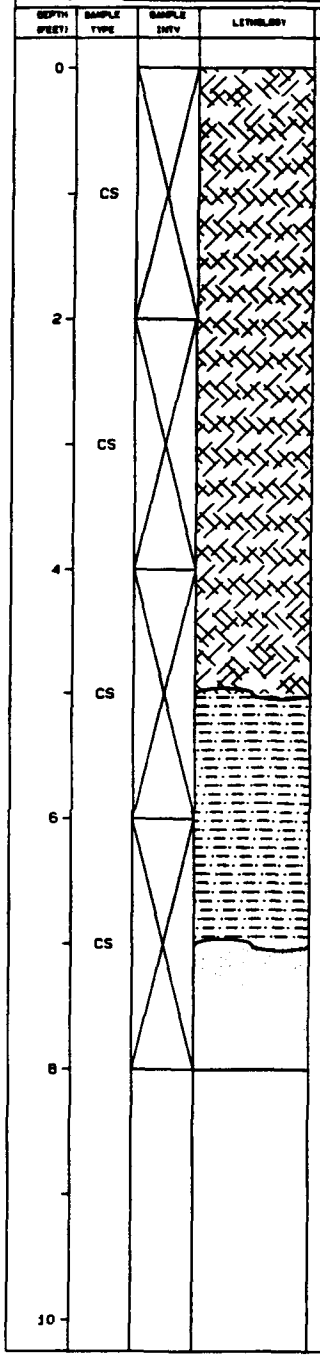
Prepared By: D.B. Ertel Date: 12/5/92 Page: 1 OF 1

Hole No.: BH21 Ground Elevation:

Total Depth: 8' Rig Type: Mobile B-53 Location: S14

Auger Size: 6" O.D. Sample Type: 2.5" x 2.5' Split-Spoon (California method)

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION

FILL: pale gray silty sand, gravel, unconsolidated, dry.

Fill as above.

Fill as above.

SM SILT: pale gray to pale brown, dense, dry.

SM SILT: as above, becoming sandy, dark yellowish brown (10YR 4/4), damp, loose.

SP SAND: dark gray mottled dark green, fine grained, subrounded, silty, moist, strong fuel odor.

Borehole Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

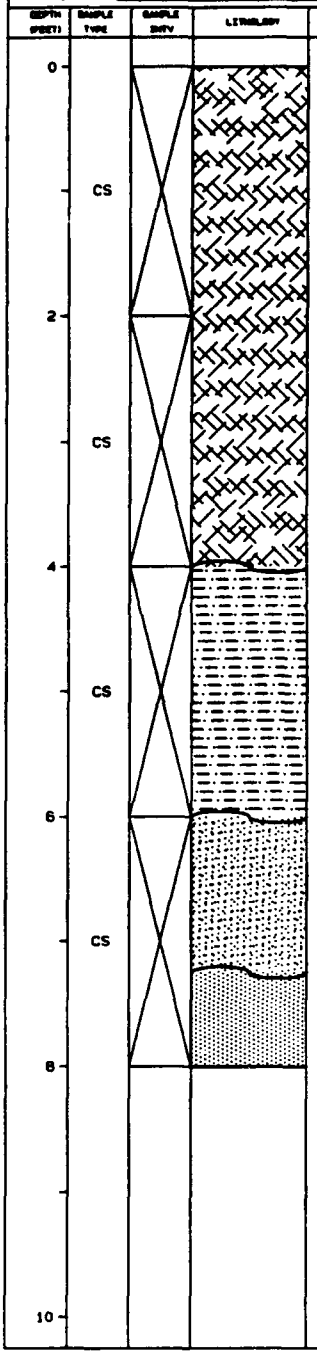
Prepared By: D.B. Ertel Date: 12/5/92 Page: 1 OF 1

Hole No.: BH22 Ground Elevation:

Total Depth: 8' Rig Type: Mobile B-53 Location: S14

Auger Size: 6" O.D. Sample Type: 2.5" x 2.5' Split-Spoon (California method)

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION

FILL: light brown to pale gray gravelly silt, dry, unconsolidated, small to large gravel.

Fill as above.

SM SANDY SILT: pale gray to yellow brown (10YR 5/3), dense, hard, dry, abundant limonite staining.

SW SAND: dark yellowish brown (10YR 4/4), fine to medium grained, subrounded, loose, damp.

SP SAND: dark gray, medium grained, subangular, wet, loose, strong fuel odor.

Borehole Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

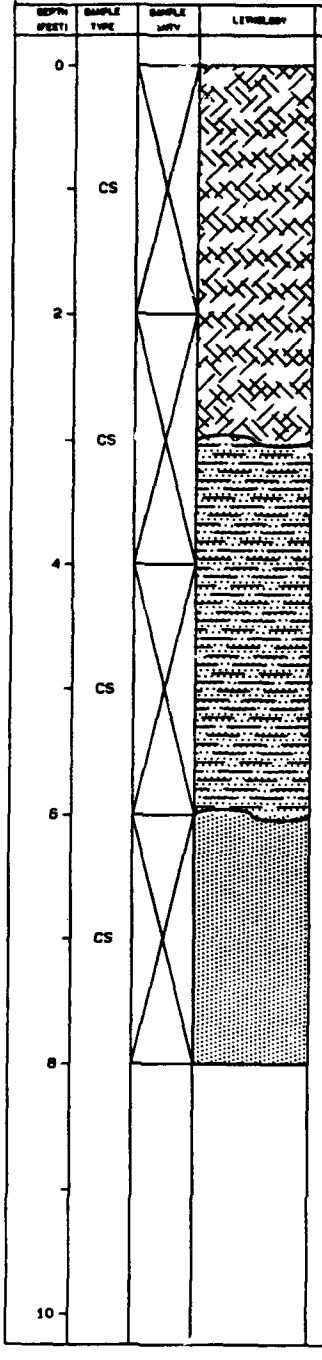
Prepared By: D.B. Ertel Date: 12/5/92 Page: 1 OF 1

Hole No.: BH23 Ground Elevation:

Total Depth: 8' Rig Type: Mobile B-53 Location: S14

Auger Size: 6" O.D. Sample Type: 2.5" x 2.5" Split-Spoon (California method)

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION

FILL: yellow brown sandy silt, pale gray to dark brown clayey silt, unconsolidated, damp, with some gravel.

FILL: as above.

CS CLAYEY SILT: very dark gray (2.5Y 3/0), homogeneous, damp, blocky, very stiff, trace organic material.

SC SANDY SILT: dark greenish gray (5BG 4/1) to (5G 4/1), mottled dark green, cohesive, damp, trace organic material (roots), occasional gravel to 3.5 cm, strong fuel odor.

SP SAND: dark gray, medium grained, subangular, loose, trace gravel to 1.2 cm, strong fuel odor.

Borehole Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

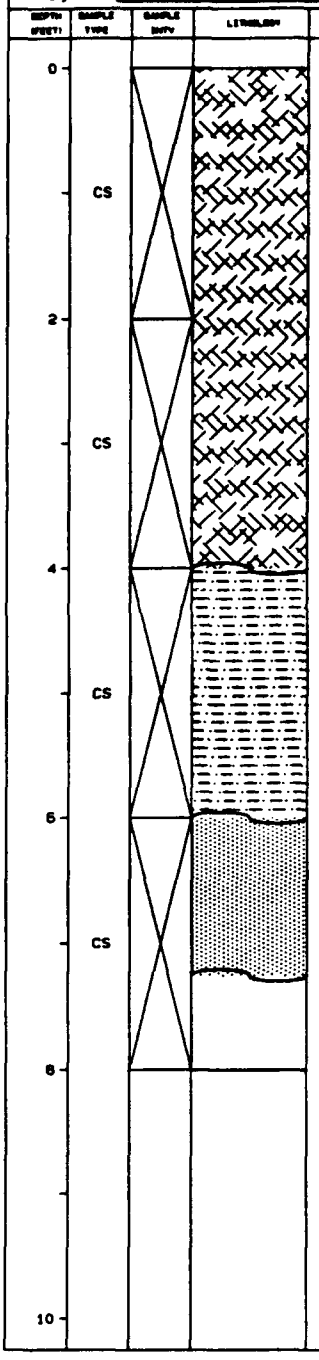
Prepared By: O.B. Ertel Date: 12/5/92 Page: 1 OF 1

Hole No.: BH24 Ground Elevation:

Total Depth: 8' Rig Type: Mobile B-53 Location: S14

Auger Size: 6" O.D. Sample Type: 2.5" x 2.5' Split-Spoon (California method)

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION

FILL: pale gray to brown gravelly silt, abundant gravel, unconsolidated, dry.

FILL: as above.

SM SANDY SILT: dark grayish brown (2.5Y 4/2), cohesive, damp, fine grained sand, abundant limonite staining, occasional organic material (roots), trace gravel to 5 cm.

SP SAND: olive brown (2.5Y 4/3), medium grained, subrounded, loose, moist, trace gravel to 4.5 cm.

SP SAND: dark gray, fine grained, subrounded, compact, trace organic material (roots).

Borehole Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

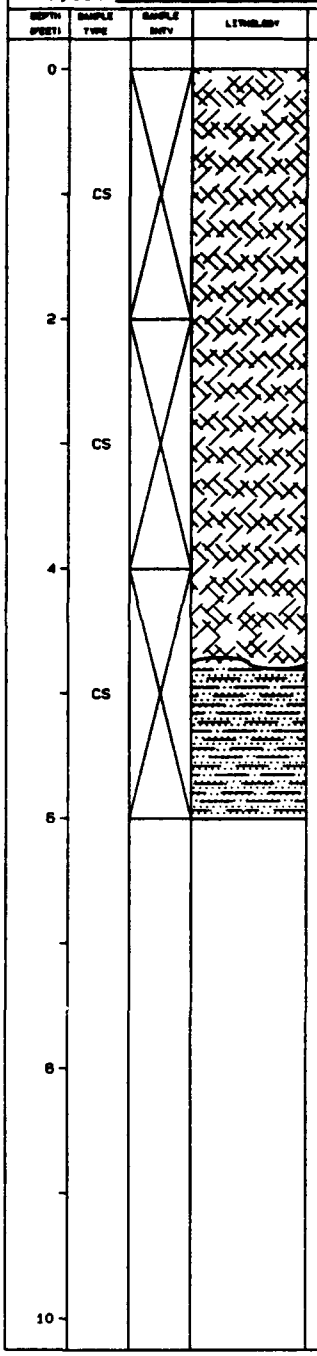
Prepared By: D.B. Ertel Date: 12/5/92 Page: 1 OF 1

Hole No.: BH25 Ground Elevation:

Total Depth: 6' Rig Type: Mobile B-53 Location: SI4

Auger Size: 6" O.D. Sample Type: 2.5" x 2.5' Split-Spoon (California method)

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION
FILL: pale gray to brown gravelly silt, fine to coarse gravel, dry, unconsolidated.
FILL: as above.
FILL: as above.
CS SILTY CLAY: dark brown, moist, cohesive, plastic, abundant limonite staining.

Borehole Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

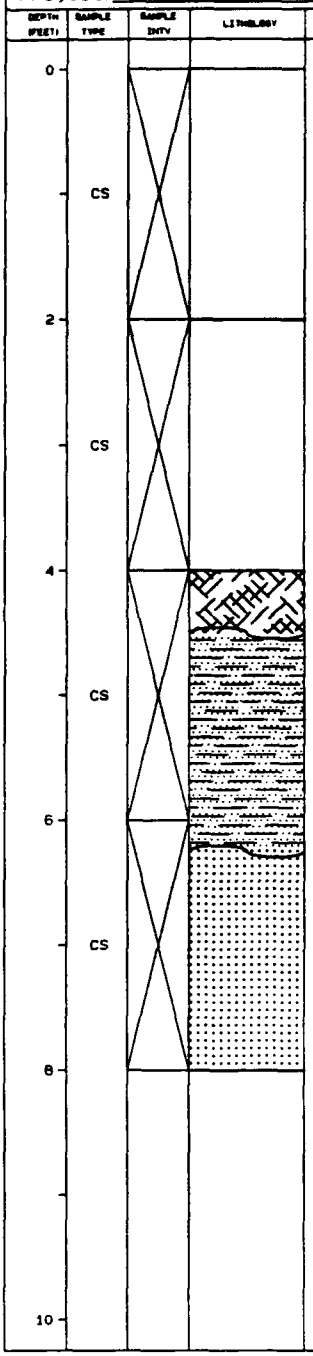
Prepared By: D.B. Ertel Date: 12/6/92 Page: 1 OF 1

Hole No.: BH26 Ground Elevation:

Total Depth: 8' Rig Type: Mobile B-53 Location: S14

Auger Size: 6" O.D. Sample Type: 2.5" x 2.5' Split-Spoon (California method)

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION

FILL: very limited recovery.

No sample recovery.

CS SILTY CLAY: olive brown (2.5Y 4/4), plastic, moist, abundant limonite staining.

SW SAND: olive brown (2.5Y 4/3), fine to coarse grained, subrounded, clean, loose, abundant gravel to 5 cm.

Borehole Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

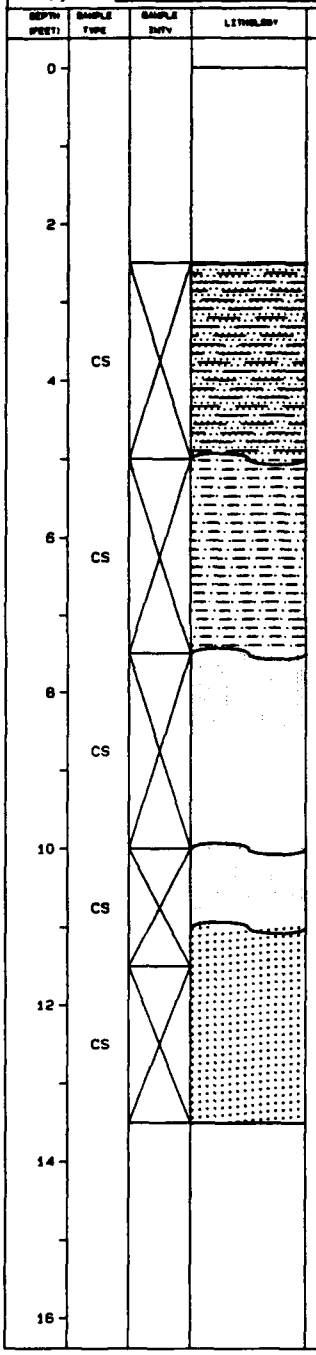
Prepared By: D.B. Ertel Date: 12/6/92 Page: 1 OF 1

Hole No.: BH28 Ground Elevation:

Total Depth: 13.5' Rig Type: Mobile B-53 Location: S7

Auger Size: 8" O.D. Sample Type: 3" x 2.5' Continuous Moss sampler

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION

No sample taken, asphalt parking area. Thin layer of gravel fill recovered on upper boundary of 2.5'-5' sample.

CL CLAY: dark gray (5Y 4/1), blocky, very stiff, damp, occasional carbonaceous material, trace organic material, fuel odor. Becoming medium gray mottled dark green, increasing silt content.

SM SANDY SILT: medium gray mottled dark green, plastic, cohesive, damp, trace gravel to 1.5 cm, fuel odor.

SP SAND: dark greenish gray (5BG 4/1) mottled dark green, fine grained, subrounded, moist, clayey, plastic, fuel odor.

SP SAND: olive brown (2.5Y 4/4) mottled medium gray, fine grained, subrounded, wet, cohesive, fuel odor, with thinly laminated green, yellow, and dark brown bedding. Cobble to 8 cm.

SW SAND: gray brown, medium to coarse grained (mU-cU), subrounded, saturated, abundant gravel 5 cm to 10 cm cobble.

Borehole Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

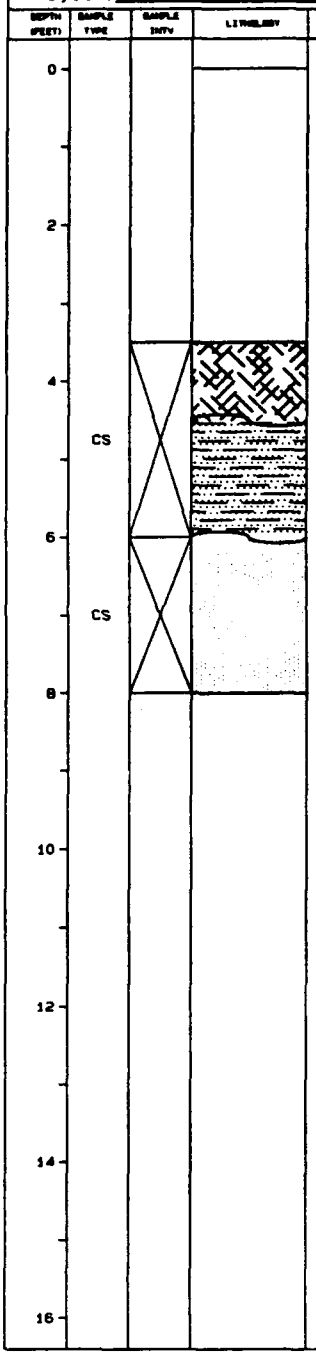
Prepared By: D.B. Ertel Date: 12/6/92 Page: 1 OF 1

Hole No.: BH29 Ground Elevation:

Total Depth: 8' Rig Type: Mobile B-53 Location: S7

Auger Size: 8" O.D. Sample Type: 3" x 2.5' Continuous Moss sampler

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION

No sample taken, asphalt parking area.

FILL: gravelly sand.

CS CLAYEY SILT: medium gray to grayish green (5G 4/2) mottled dark green, damp, dense, plastic, cohesive, trace organic material, trace fine gravel to 1.5 cm, trace coarse gravel to 6 cm.
Increasing sand.

SP SAND: dark greenish gray (5BG 4/1), fine grained, subrounded, clayey, homogeneous, trace organic material.

Borehole Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

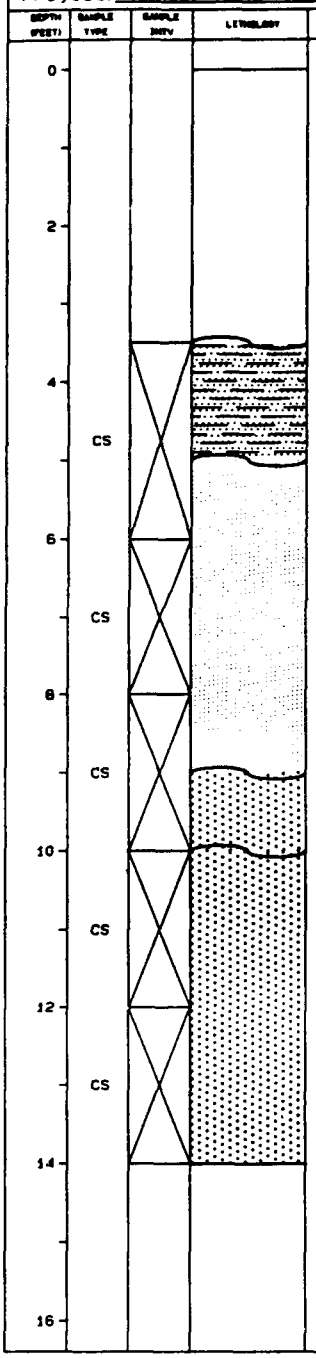
Prepared By: D.B. Ertel Date: 12/6/92 Page: 1 OF 1

Hole No.: BH30 Ground Elevation:

Total Depth: 14' Rig Type: Mobile B-53 Location: S7

Auger Size: 8" O.D. Sample Type: 3" x 2.5' Continuous Moss sampler

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION

No sample taken, asphalt parking area.

CS SILTY CLAY: greenish gray (5GY 5/1) mottled dark green to light greenish gray, damp, plastic, cohesive, trace organic material, trace gravel to 4.5 cm, fuel odor. Increasing sand, medium gray mottled dark green.

SP SAND: dark greenish gray (5BG 4/1), fine grained, subangular, clayey, moist, homogeneous, occasional pyrite grains, fuel odor, light brown gypsiferous nodules to 1 cm. 8 cm. cobble at 6'

SP SAND: brown to grayish (2.5Y 4/2), fine grained, subrounded, light brown gypsiferous nodules to 6 mm, thinly laminated black, reddish brown and yellow bedding.

SW SAND: gray brown, medium to coarse grained, subrounded, saturated, loose, trace gravel to 2.5 cm, becoming predominately medium grained, well sorted.

SW SAND: gray brown, medium to coarse grained, subrounded, saturated, loose, occasional gravel to 2.5 cm.

Borehole Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

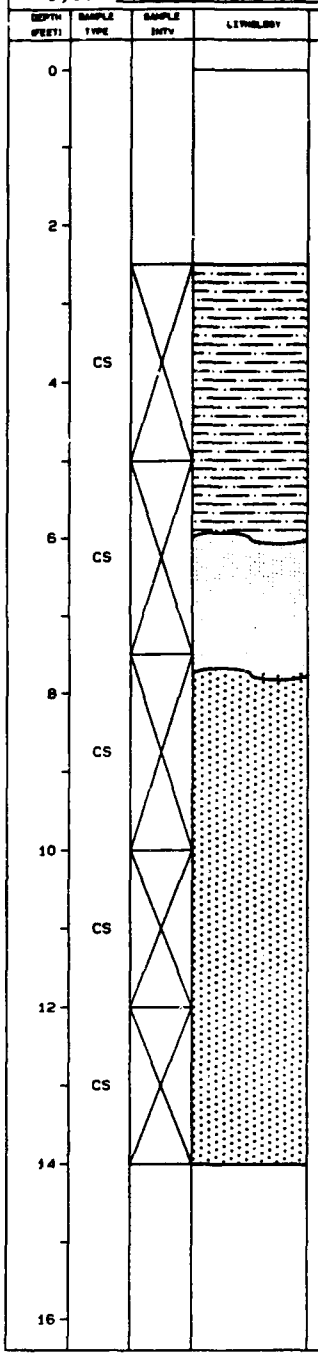
Prepared By: D.B. Ertel Date: 12/6/92 Page: 1 OF 1

Hole No.: BH31 Ground Elevation:

Total Depth: 14' Rig Type: Mobile B-53 Location: S7

Auger Size: 8" O.D. Sample Type: 3" x 2.5' Continuous Moss sampler

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION

No sample taken, asphalt parking area.

CS SILTY CLAY: dark yellowish brown (10YR 4/6) mottled gray, damp, hard, dense, blocky, plastic, cohesive, trace Fe nodules, slight fuel odor.

Becoming sandy, dark green, gravel to 7.5 cm.

SP SAND: dark greenish gray (5BG 4/1), fine grained, subrounded, cohesive, slightly plastic, clayey, slight fuel odor, very thin bed of yellow brown sand at 7.5'.

SP SAND: as above, abundant pyrite grains, decreasing clay, trace gravel to 1 cm.

SW SAND: dark gray, medium to coarse grained (mU-cU), subrounded, saturated, occasional gravel to 6 cm.

SW SAND: gray brown, coarse grained (cL-vcU), subrounded, saturated, abundant gravel to 4.5 cm.

Borehole Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

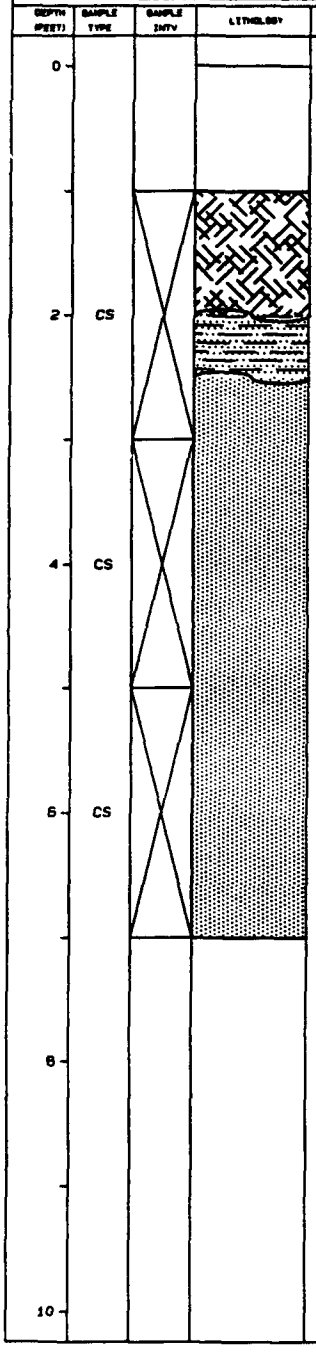
Prepared By: D.B. Ertel Date: 12/6/92 Page: 1 OF 1

Hole No.: BH32 Ground Elevation:

Total Depth: 7' Rig Type: Mobile B-53 Location: S2

Auger Size: 6" O.D. Sample Type: 2.5" x 2.5' Split-Spoon (California method)

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION

No sample taken, 1' concrete.

FILL: dark gray sand, wet.

CS SILTY CLAY: pale greenish gray, calcareous, dense, hard, becoming green-gray, trace coarse sand, occasional plastic.

SP SAND: dark gray, medium grained, subangular, saturated, loose, trace gravel to 2.5 cm.

SP SAND: dark greenish gray (5G 4/1), medium grained, subrounded, clayey, plastic, cohesive, moist, trace gravel to 3 cm, becoming coarse grained increasing unconsolidated.

Borehole Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

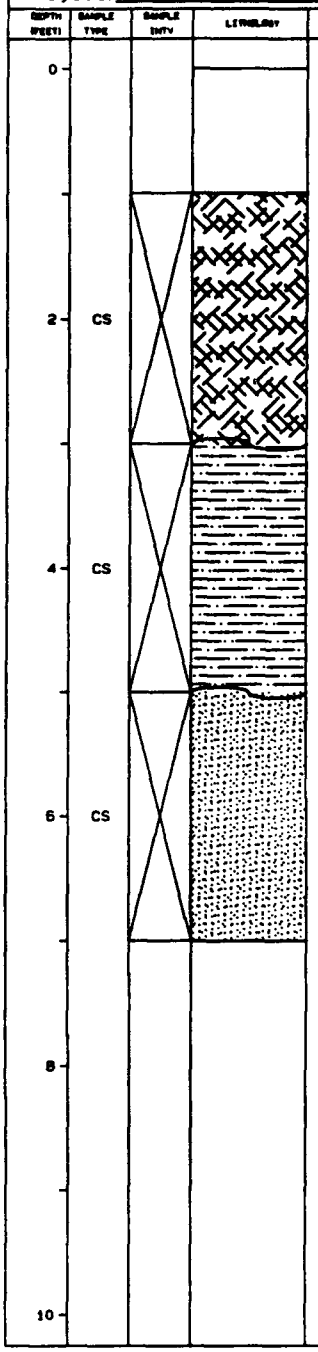
Prepared By: D.B. Ertel Date: 12/6/92 Page: 1 OF 1

Hole No.: BH33 Ground Elevation:

Total Depth: 7' Rig Type: Mobile B-53 Location: S2

Auger Size: 6" O.D. Sample Type: 2.5" x 2.5' Split-Spoon (California method)

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION

No sample taken, 1' concrete.

FILL: brown sand, moist, loose, trace gravel.

CS SILTY CLAY: dark greenish gray (5GY 4/1) mottled dark green, dense, very stiff, sandy, occasional organic material, occasional limonite staining, slightly damp, fuel odor.

SW SAND: color as above, fine to medium grained (fU-mU), subangular, loose, moist, occasional gravel to 3.5 cm.

Borehole Summary Information

ornl OAK RIDGE NATIONAL LABORATORY

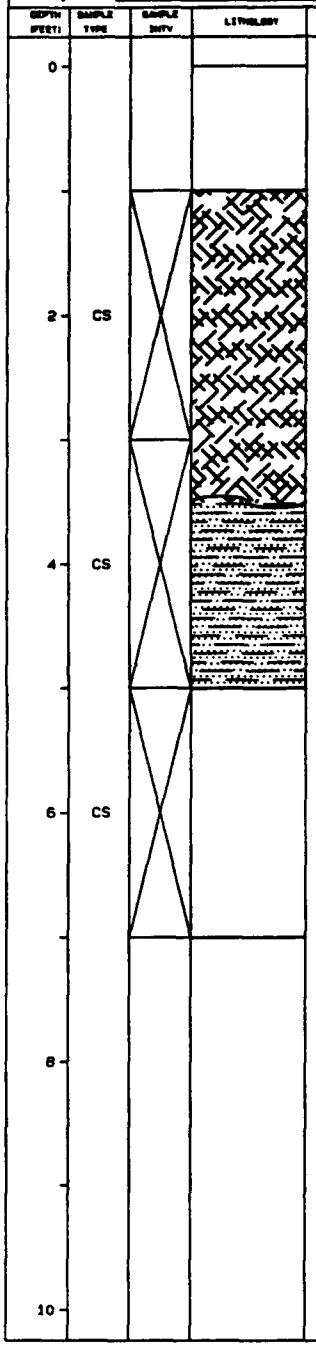
Prepared By: D.B. Ertel Date: 12/6/92 Page: 1 OF 1

Hole No.: BH34 Ground Elevation:

Total Depth: 7' Rig Type: Mobile B-53 Location: S2

Auger Size: 6" O.D. Sample Type: 2.5" x 2.5' Split-Spoon (California method)

Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93



DESCRIPTION

No sample taken, 1' concrete.

FILL: brown sand, saturated, loose, gravelly.

FILL: becoming sandy, dark gray, cohesive.

CL CLAY: dark to pale gray, fissile, damp, dense, laminated, increasing sand, dark greenish gray.

No sample recovery.

APPENDIX C

HYDRAULIC TESTING DATA

MW02 - PUMP TEST
Initial water level - 7.14 ft bcl
Pumping Rate 3.16 GPM

Time	Water level (ft bcl)	Change in time (min)	Change in water level (ft)
15:11:00	7.14	0	0
15:11:15	7.26	.25	.12
15:11:30	8.10	.50	.96
15:11:45	8.62	.75	1.48
15:12:00	8.90	1.00	1.76
15:12:15	9.30	1.25	2.16
15:12:30	9.54	1.50	2.40
15:12:45	9.75	1.75	2.61
15:13:00	9.95	2.00	2.81
15:13:15	10.12	2.25	2.98
15:13:30	10.24	2.50	3.10
15:13:45	10.36	2.75	3.22
15:14:00	10.46	3.00	3.32
15:14:15	10.55	3.25	3.41
15:14:30	10.66	3.50	3.52
15:14:45	10.83	3.75	3.69
15:15:00	10.97	4.00	3.83
15:15:15	11.09	4.25	3.95
15:15:30	11.24	4.50	4.10
15:15:45	11.39	4.75	4.25
15:16:00	11.53	5.00	4.39
15:16:15	11.64	5.25	4.50

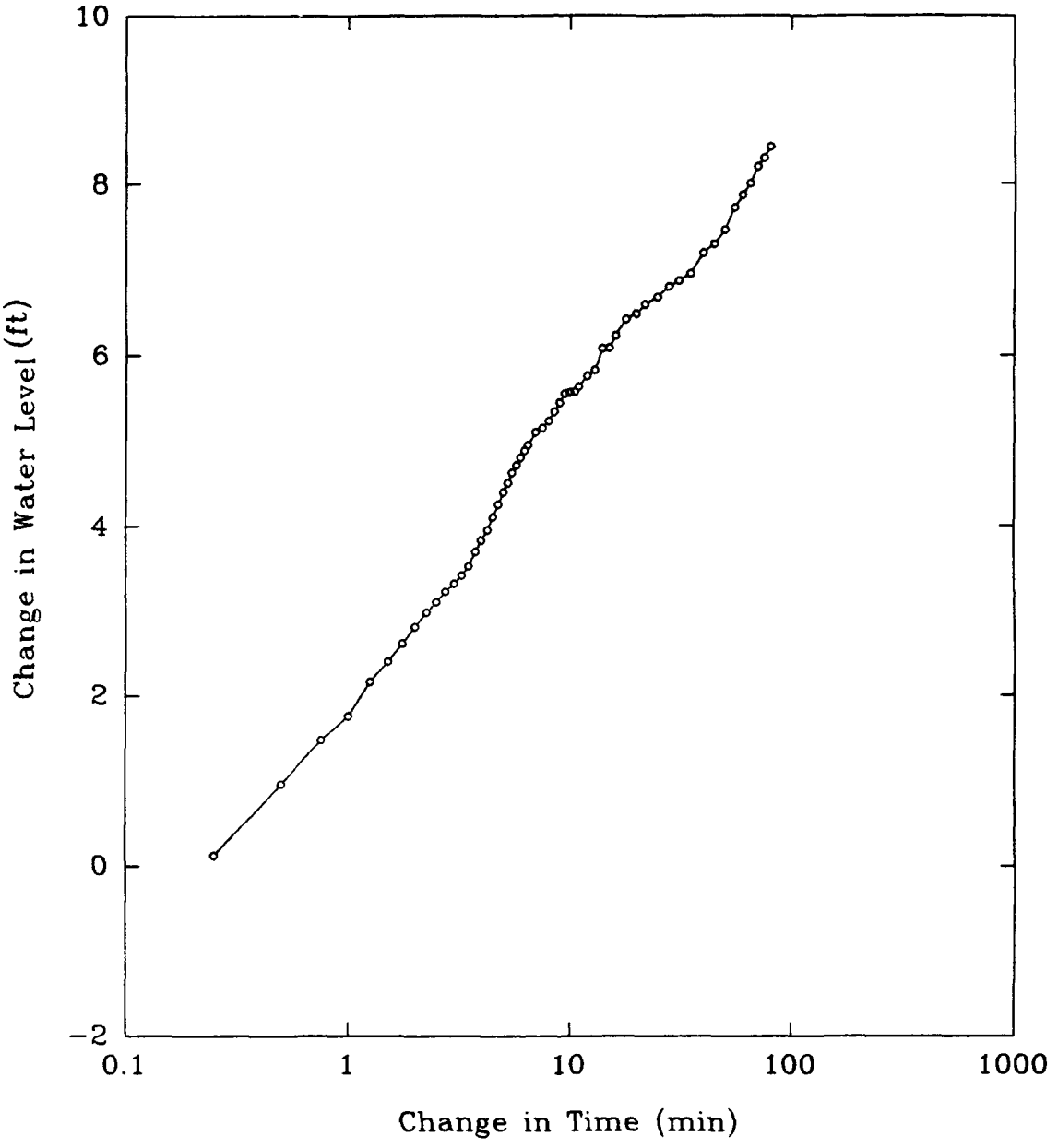
Time	Water level (ft bcl)	Change in time (min)	Change in water level (ft)
15:16:30	11.76	5.50	4.62
15:16:45	11.85	5.75	4.71
15:17:00	11.94	6.00	4.80
15:17:15	12.02	6.25	4.88
15:17:30	12.09	6.50	4.95
15:18:00	12.24	7.00	5.10
15:18:30	12.29	7.5	5.15
15:19:00	12.37	8.00	5.23
15:19:30	12.48	8.50	5.34
15:20:00	12.58	9.00	5.44
15:20:30	12.69	9.50	5.55
15:21:00	12.70	10.00	5.56
15:21:30	12.71	10.50	5.57
15:22:00	12.77	11.00	5.63
15:23:00	12.89	12.00	5.75
15:24:00	12.96	13.00	5.82
15:25:00	13.21	14.00	6.07
15:26:00	13.22	15.00	6.08
15:27:00	13.36	16.00	6.22
15:29:00	13.55	18.00	6.41
15:31:00	13.62	20.00	6.48
15:33:00	13.73	22.00	6.59
15:36:00	13.82	25.00	6.68
15:39:00	13.94	28.00	6.80
15:42:00	14.01	31.00	6.87

Time	Water level (ft bcl)	Change in time (min)	Change in water level (ft)
15:46:00	14.09	35.00	6.95
15:51:00	14.33	40.00	7.19
15:56:00	14.44	45.00	7.30
16:01:00	14.60	50.00	7.46
16:06:00	14.86	55.00	7.72
16:11:00	15.01	60.00	7.87
16:16:00	15.14	65.00	8.00
16:21:00	15.34	70.00	8.20
16:26:00	15.44	75.00	8.30
16:31:00	15.58	80.00	8.44

MW02test.mo

C-4

MW02 PUMP TEST



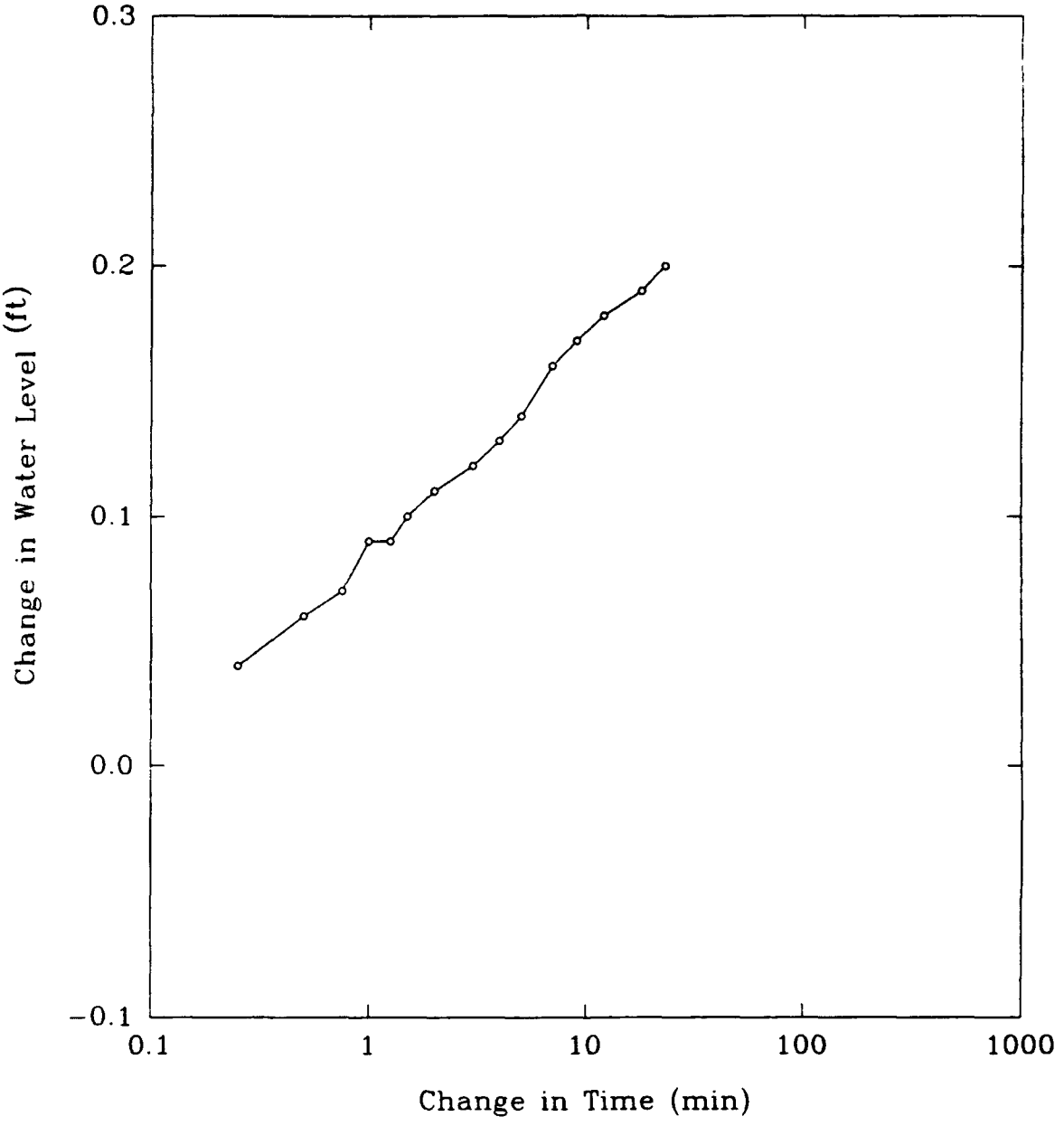
MW02.SPG

PZ3 - RECOVERY TEST
Initial water level - 5.18 ft bcl

Time	Water level (ft bcl)	Change in time (min)	Change in water level (ft)
15:30:00	5.18	0	0
15:30:15	5.14	.25	.04
15:30:30	5.12	.50	.06
15:30:45	5.11	.75	.07
15:31:00	5.09	1.00	.09
15:31:15	5.09	1.25	.09
15:31:30	5.08	1.50	.10
15:32:00	5.07	2.00	.11
15:33:00	5.06	3.00	.12
15:34:00	5.05	4.00	.13
15:35:00	5.04	5.00	.14
15:37:00	5.02	7.00	.16
15:39:00	5.01	9.00	.17
15:42:00	5.00	12.00	.18
15:48:00	4.99	18.00	.19
15:55:00	4.98	23.00	.20

bcl = below casing level

PZ03 RECOVERY TEST



PZ03.SPG

MW03 - PUMP TEST
Initial water level - 9.21 ft bcl
Pumping rate - 2.0 GPM

Time	Water level (ft bcl)	Change in time (min)	Change in water level (ft)
13:20:00	9.21	0	0
13:20:15	8.78	.25	.57
13:20:30	10.25	.50	1.04
13:20:45	10.74	.75	1.53
13:21:00	11.10	1.00	1.89
13:21:15	11.33	1.25	2.12
13:21:30	11.52	1.50	2.31
13:21:45	11.68	1.75	2.47
13:22:00	11.77	2.00	2.56
13:22:15	11.86	2.25	2.65
13:22:30	11.94	2.50	2.73
13:22:45	12.30	2.75	2.82
13:23:00	12.08	3.00	2.87
13:23:15	12.14	3.25	2.93
13:23:30	12.20	3.50	2.99
13:23:45	12.24	3.75	3.03
13:24:00	12.28	4.00	3.07
13:24:15	12.31	4.25	3.10
13:24:30	12.34	4.50	3.13
13:24:45	12.37	4.75	3.16
13:25:00	12.40	5.00	3.19
13:25:15	12.43	5.25	3.22
13:25:30	12.45	5.50	3.24
13:25:45	12.46	5.75	3.25
13:26:00	12.48	6.00	3.27

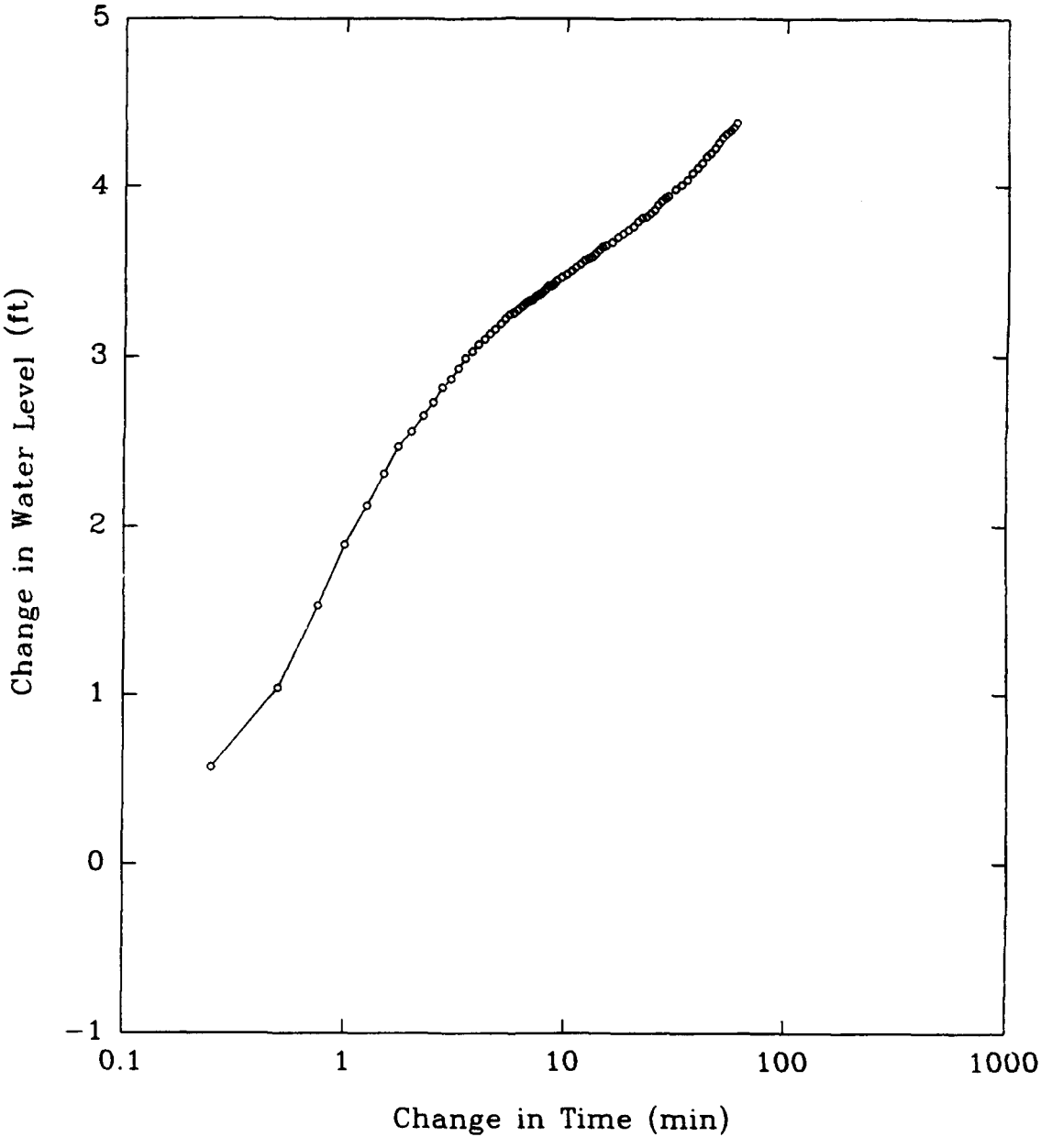
Time	Water level (ft bcl)	Change in time (min)	Change in water level (ft)
13:26:15	12.50	6.25	3.29
13:26:30	12.52	6.50	3.31
13:26:45	12.54	6.75	3.32
13:27:00	12.55	7.00	3.33
13:27:15	12.57	7.25	3.35
13:27:30	12.58	7.50	3.36
13:27:45	12.59	7.75	3.37
13:28:00	12.61	8.00	3.39
13:28:15	12.63	8.25	3.41
13:28:30	12.63	8.50	3.41
13:28:45	12.64	8.75	3.42
13:29:00	12.66	9.00	3.44
13:29:30	12.68	9.50	3.46
13:30:00	12.70	10.00	3.48
13:30:30	12.72	10.50	3.50
13:31:00	12.74	11.00	3.52
13:31:30	12.76	11.50	3.54
13:32:00	12.78	12.00	3.56
13:32:30	12.79	12.50	3.57
13:33:00	12.80	13.00	3.58
13:33:30	12.82	13.50	3.60
13:34:00	12.84	14.00	3.62
13:34:30	12.86	14.50	3.64
13:35:00	12.87	15.00	3.65
13:36:00	12.89	16.00	3.67
13:37:00	12.92	17.00	3.70
13:38:00	12.94	18.00	3.72
13:39:00	12.96	19.00	3.74

Time	Water level (ft bcl)	Change in time (min)	Change in water level (ft)
13:40:00	12.98	20.00	3.76
13:41:00	13.01	21.00	3.79
13:42:00	13.03	22.00	3.81
13:43:00	13.04	23.00	3.82
13:44:00	13.06	24.00	3.84
13:45:00	13.08	25.00	3.86
13:46:00	13.11	26.00	3.89
13:47:00	13.13	27.00	3.91
13:48:00	13.15	28.00	3.93
13:49:00	13.16	29.00	3.94
13:51:00	13.20	31.00	3.98
13:53:00	13.23	33.00	4.01
13:55:00	13.26	35.00	4.04
13:57:00	13.30	37.00	4.08
13:59:00	13.33	39.00	4.11
14:01:00	13.36	41.00	4.14
14:03:00	13.40	43.00	4.18
14:05:00	13.42	45.00	4.20
14:07:00	13.45	47.00	4.23
14:09:00	13.48	49.00	4.26
14:11:00	13.51	51.00	4.29
14:13:00	13.54	53.00	4.31
14:15:00	13.57	55.00	4.33
14:17:00	13.59	57.00	4.35
14:19:00	13.63	59.00	4.38

bcl = below casing level

C-10

MW03 PUMP TEST



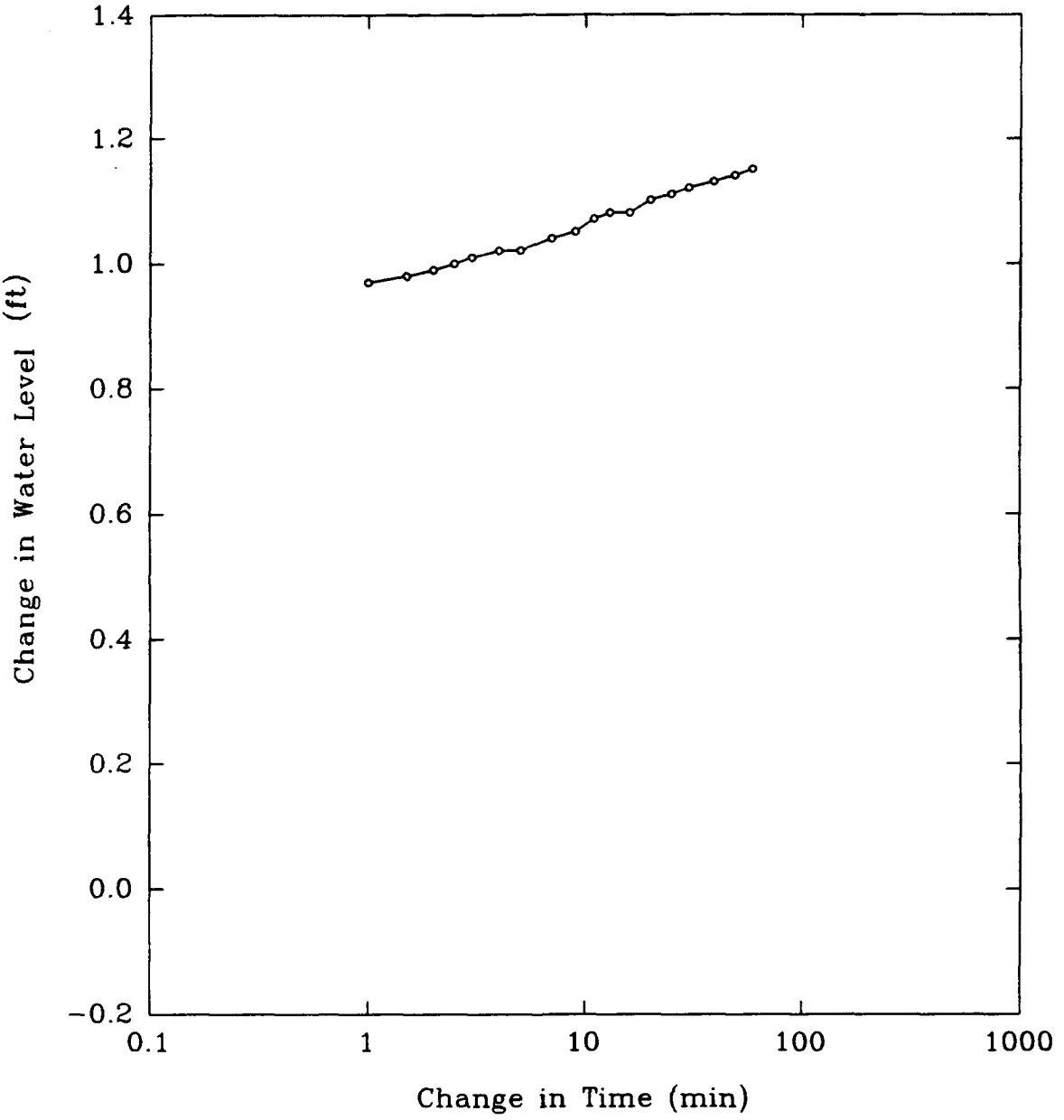
MW03.SPG

MW08 - PUMP TEST
Initial water level - 6.50 ft bcl
Pumping Rate 6.7 GPM

Time	Water level (ft bcl)	Change in time (min)	Change in water level (ft)
15:28:30	6.50	0	0
15:29:00	6.53	1.00	.97
15:29:30	6.54	1.50	.98
15:30:15	6.55	2.00	.99
15:30:30	6.56	2.50	1.00
15:31:00	6.57	3.00	1.01
15:32:00	6.58	4.00	1.02
15:33:00	6.58	5.00	1.02
15:35:00	6.60	7.00	1.04
15:37:00	6.61	9.00	1.05
15:39:00	6.62	11.00	1.07
15:41:00	6.63	13.00	1.08
15:44:00	6.64	16.00	1.08
15:48:00	6.66	20.00	1.10
15:53:00	6.67	25.00	1.11
15:58:00	6.68	30.00	1.12
16:07:00	6.69	39.00	1.13
16:17:00	6.70	49.00	1.14
16:27:00	6.71	59.00	1.15

bcl = below casing level

MW08 PUMP TEST



MW08.SPG

MW09 - PUMP TEST
Initial water level - 7.65 ft bcl
Pumping rate - 4.5 GPM

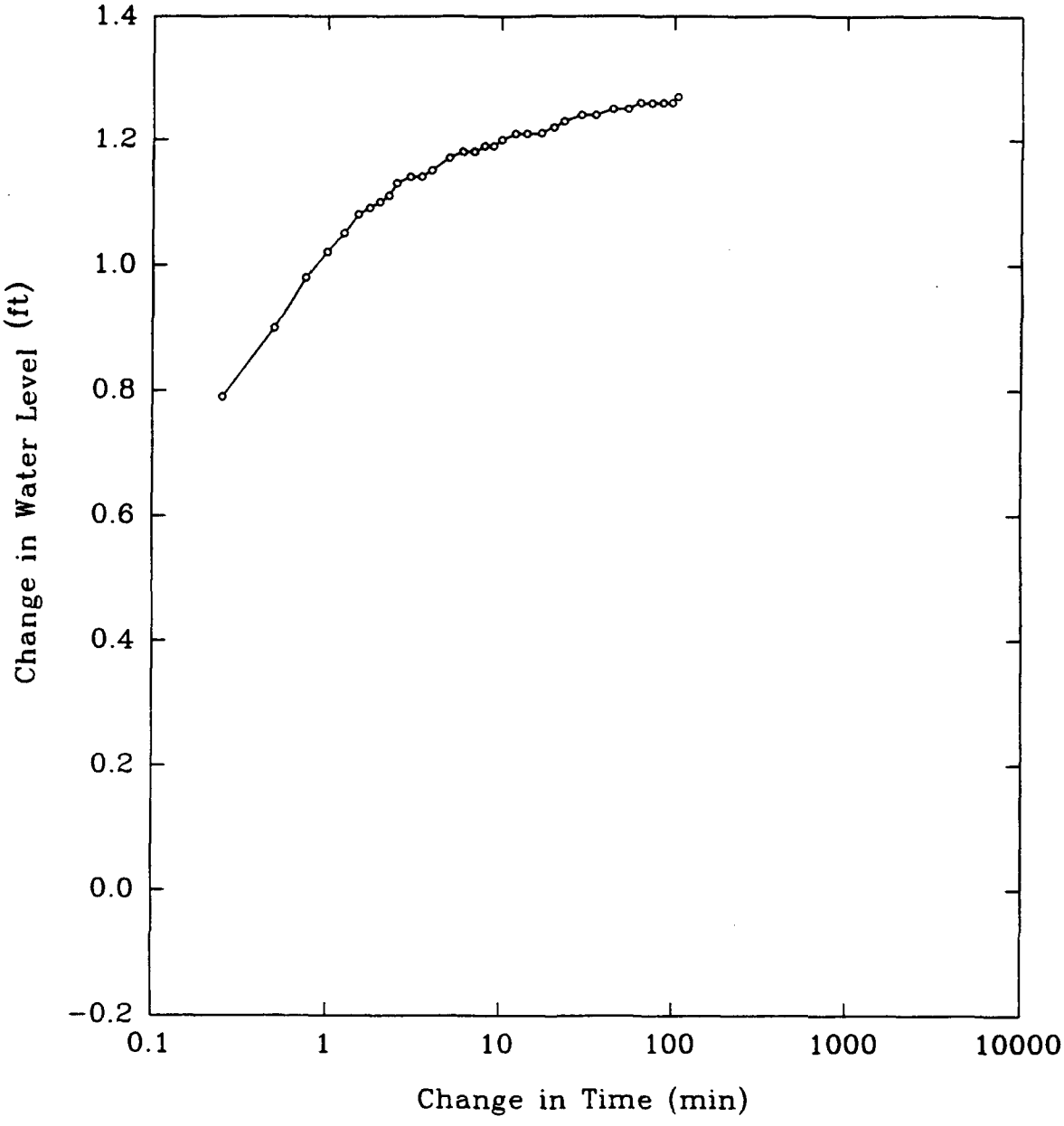
Time	Water level (ft bcl)	Change in time (min)	Change in water level (ft)
10:36:00	7.65	0	0
10:37:15	8.44	.25	.79
10:37:30	8.55	.50	.90
10:37:45	8.63	.75	.98
10:38:00	8.67	1.00	1.02
10:38:15	8.70	1.25	1.05
10:38:30	8.73	1.50	1.08
10:38:45	8.74	1.75	1.09
10:39:00	8.75	2.00	1.10
10:39:15	8.76	2.25	1.11
10:39:30	8.78	2.50	1.13
10:40:00	8.79	3.00	1.14
10:40:30	8.79	3.5	1.14
10:41:00	8.80	4.00	1.15
10:42:00	8.82	5.00	1.17
10:43:00	8.83	6.00	1.18
10:44:00	8.83	7.00	1.18
10:45:00	8.84	8.00	1.19
10:46:00	8.84	9.00	1.19
10:47:00	8.85	10.00	1.20
10:49:00	8.86	12.00	1.21
10:51:00	8.86	14.00	1.21
10:54:00	8.86	17.00	1.21
10:57:00	8.86	20.00	1.22
11:00:00	8.87	23.00	1.23

Time	Water level (ft bcl)	Change in time (min)	Change in water level (ft)
11:06:00	8.89	29.00	1.24
11:12:00	8.89	35.00	1.24
11:21:00	8.90	44.00	1.25
11:31:00	8.90	54.00	1.25
11:41:00	8.91	64.00	1.26
11:51:00	8.91	74.00	1.26
12:03:00	8.91	86.00	1.26
12:14:00	8.91	97.00	1.26
12:22:00	8.92	105.00	1.27

bcl = below casing level

C-15

MW09 PUMP TEST



MW09.SPG

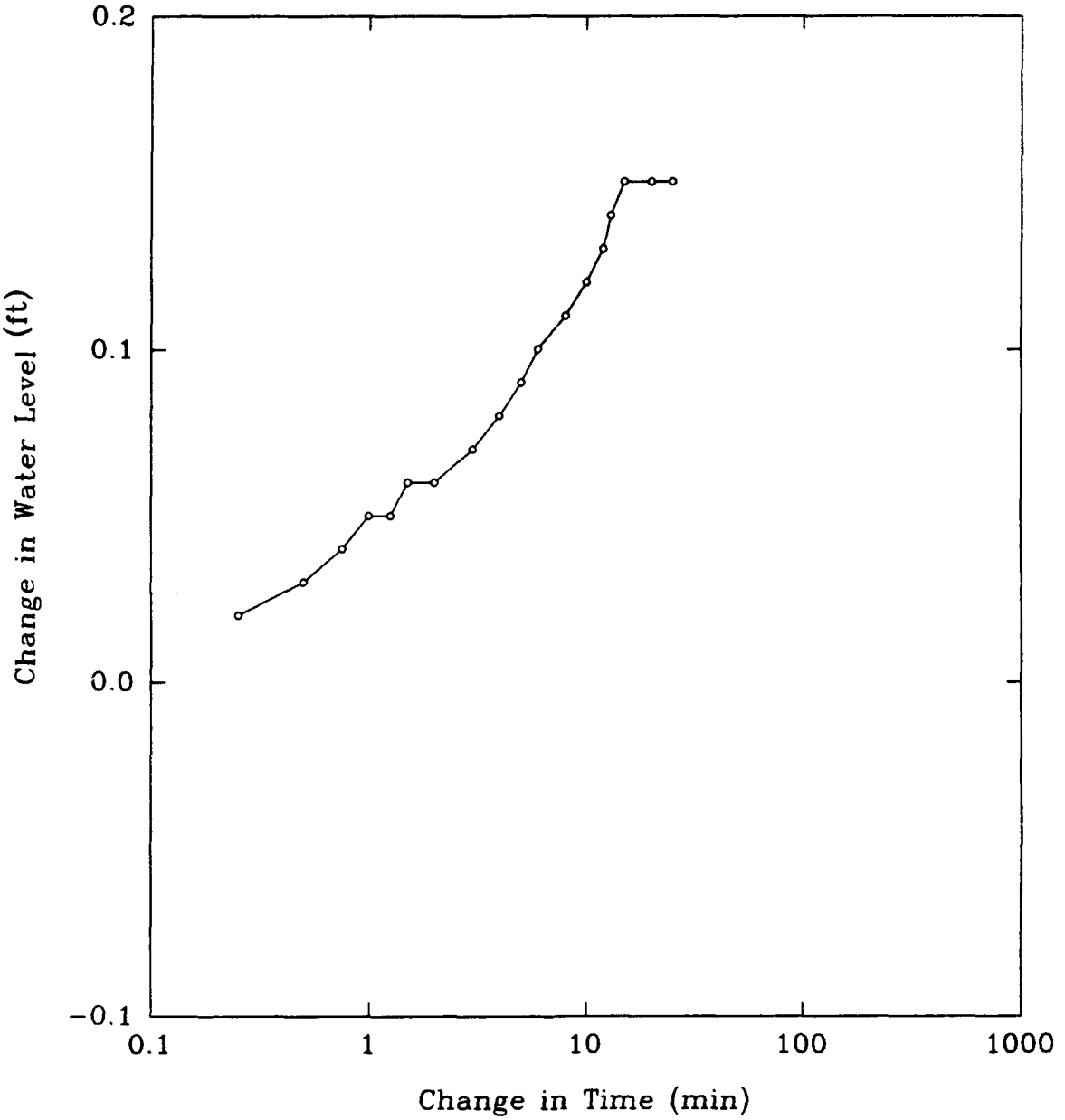
MW20 - RECOVERY TEST
Initial water level - 8.09 ft bcl

Time	Water level (ft bcl)	Change in time (min)	Change in water level (ft)
10:25:00	8.09	0	0
10:25:15	8.07	.25	.02
10:25:30	8.06	.50	.03
10:25:45	8.05	.75	.04
10:26:00	8.04	1.00	.05
10:26:15	8.04	1.25	.05
10:26:30	8.03	1.50	.06
10:27:00	8.03	2.00	.06
10:28:00	8.02	3.00	.07
10:29:00	8.01	4.00	.08
10:30:00	8.00	5.00	.09
10:31:00	7.99	6.00	.10
10:33:00	7.98	8.00	.11
10:35:00	7.97	10.00	.12
10:37:00	7.96	12.00	.13
10:39:00	7.95	13.00	.14
10:41:00	7.94	15.00	.15
10:46:00	7.94	20.00	.15
10:51:00	7.94	25.00	.15

bcl = below casing level

mw20test.rwo

MW20 RECOVERY TEST



MW20.SPG

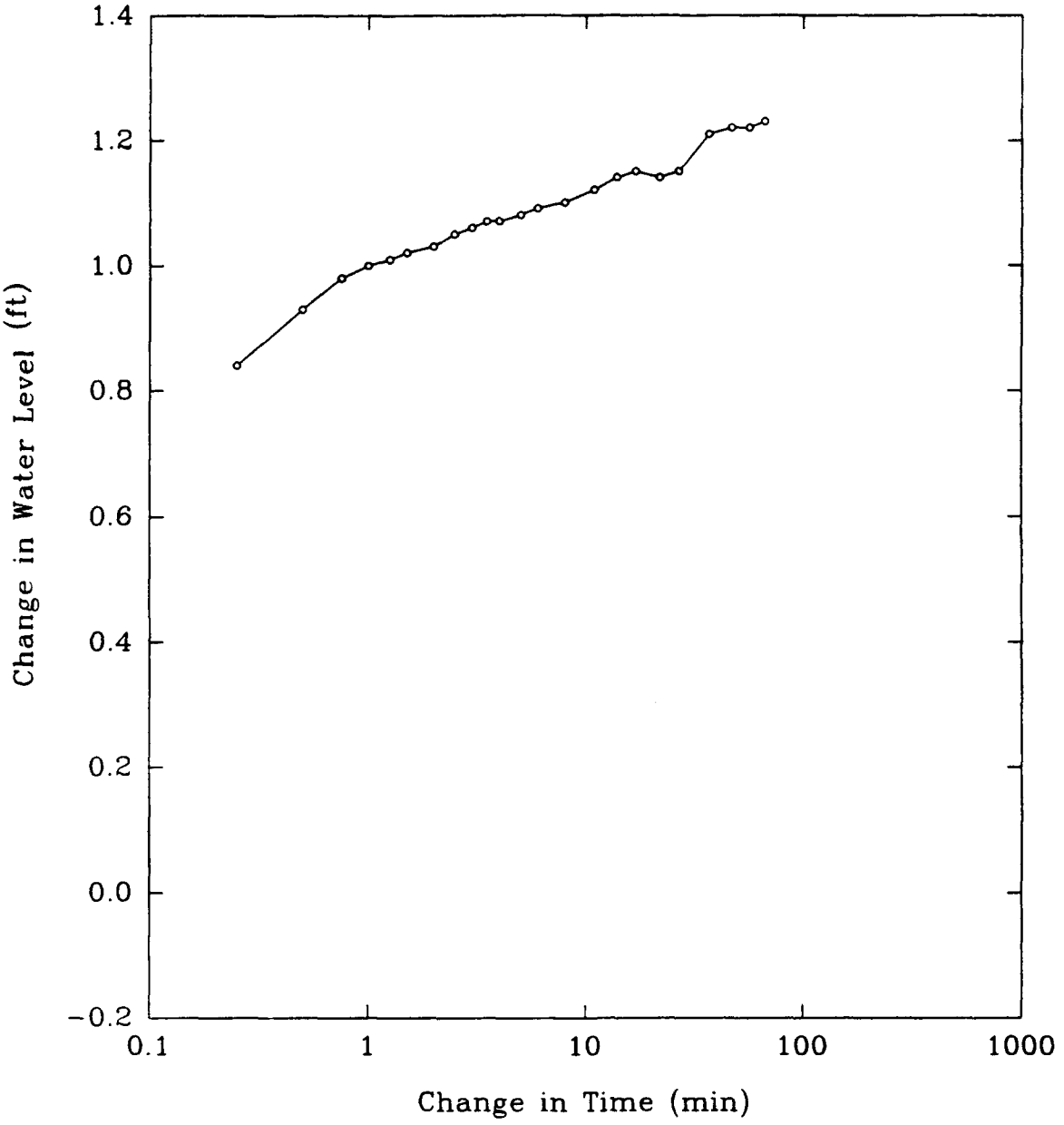
MW21 - PUMP TEST
Initial water level - 7.74 ft bcl
Pumping Rate 6.67 GPM

Time	Water level (ft bcl)	Change in time (min)	Change in water level (ft)
09:14:00	7.74	0	0
09:14:15	8.58	.25	.84
09:14:30	8.67	.50	.93
09:14:45	8.72	.75	.98
09:15:00	8.74	1.00	1.00
09:15:15	8.75	1.25	1.01
09:15:30	8.76	1.50	1.02
09:16:00	8.77	2.00	1.03
09:16:30	8.79	2.50	1.05
09:17:00	8.80	3.00	1.06
09:17:30	8.81	3.50	1.07
09:18:00	8.81	4.00	1.07
09:19:00	8.82	5.00	1.08
09:20:00	8.83	6.00	1.09
09:22:00	8.84	8.00	1.10
09:25:00	8.86	11.00	1.12
09:28:00	8.88	14.00	1.14
09:31:00	8.89	17.00	1.15
09:36:00	8.88	22.00	1.14
09:41:00	8.89	27.00	1.15
09:51:00	8.95	37.00	1.21
10:01:00	8.96	47.00	1.22
10:11:00	8.96	57.00	1.22

bcl = below casing level

mw21test.mo

MW21 PUMP TEST



MW21.SPG

MW23 - PUMP TEST
Initial water level - 6.09 ft bcl
Pumping Rate 3.2 GPM

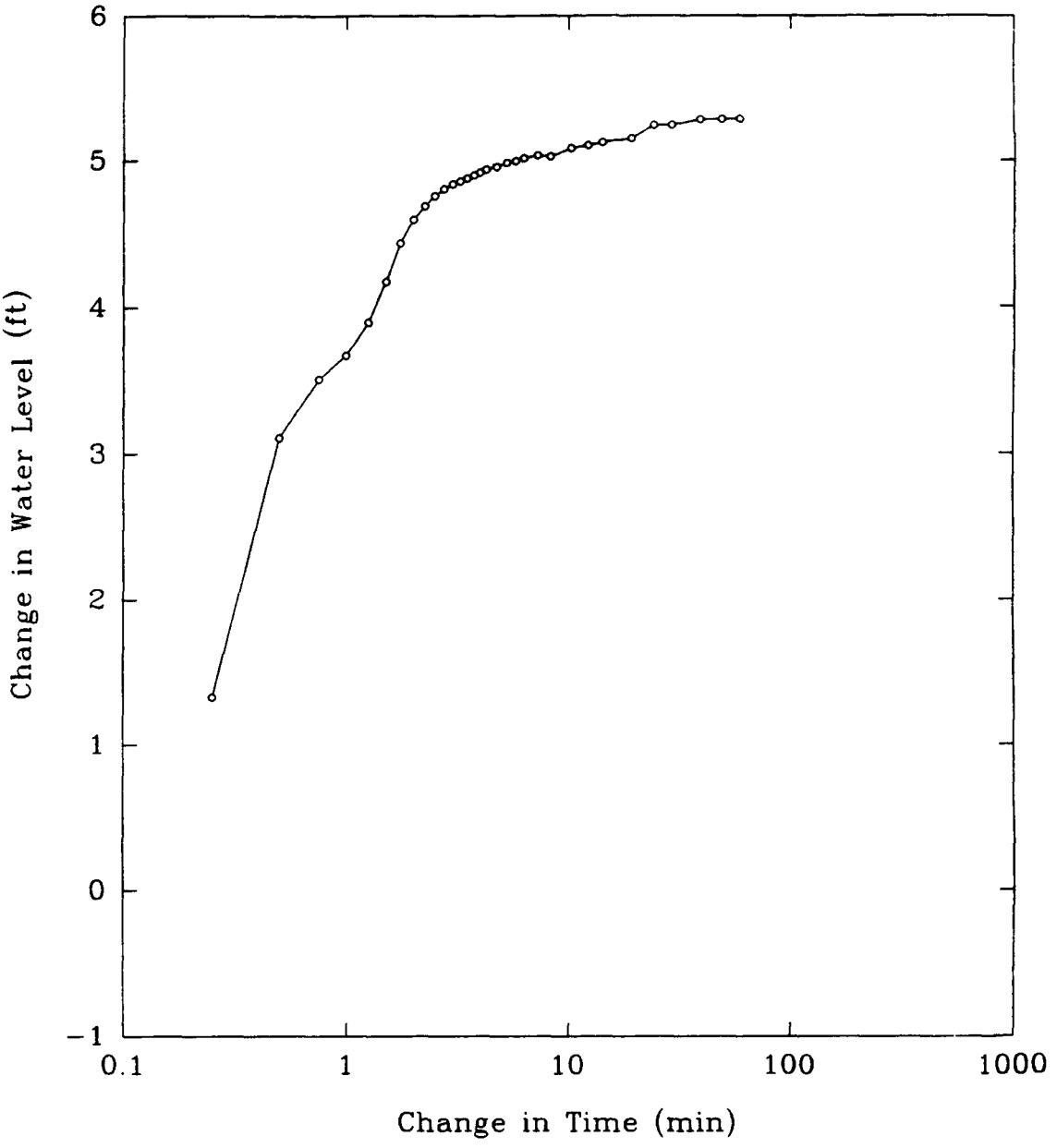
Time	Water level (ft bcl)	Change in time (min)	Change in water level (ft)
09:19:45	6.09	0	0
09:20:00	7.42	.25	1.33
09:20:15	9.20	.50	3.11
09:20:30	9.60	.75	3.51
09:20:45	9.76	1.00	3.67
09:21:00	9.98	1.25	3.89
09:21:15	10.26	1.50	4.17
09:21:30	10.52	1.75	4.43
09:21:45	10.68	2.00	4.59
09:22:00	10.77	2.25	4.68
09:22:15	10.84	2.50	4.75
09:22:30	10.89	2.75	4.80
09:22:45	10.92	3.00	4.83
09:23:00	10.94	3.25	4.85
09:23:15	10.96	3.50	4.87
09:23:30	10.98	3.75	4.89
09:23:45	11.00	4.00	4.91
09:24:00	11.02	4.25	4.93
09:24:30	11.04	4.75	4.95
09:25:00	11.07	5.25	4.98
09:25:30	11.08	5.75	4.99
09:26:00	11.10	6.25	5.01
09:27:00	11.12	7.25	5.03
09:28:00	11.11	8.25	5.02

mw23test.mo

Time	Water level (ft bcl)	Change in time (min)	Change in water level (ft)
09:30:00	11.17	10.25	5.08
09:32:00	11.19	12.25	5.10
09:34:00	11.21	14.25	5.12
09:39:00	11.24	19.25	5.15
09:44:00	11.35	24.25	5.24
09:49:00	11.35	29.25	5.24
09:59:00	11.39	39.25	5.28
10:09:00	11.39	49.25	5.28
10:19:00	11.39	59:25	5.28

bcl = below casing level

MW23 PUMP TEST



MW23.SPG

APPENDIX D

SIGNIFICANT ANALYTICAL DATA

APPENDIX D
SIGNIFICANT ANALYTICAL DATA

I. DISCUSSION

Table D-1 is arranged by site and contains all the analytes detected during the sampling program. This table includes data from the seven sites the background areas that were investigated. Table D-2 contains analytes detected in samples that are not site-specific but relate to the project in general. These include equipment rinsates, field blanks, trip blanks, and samples from holding tanks used to store purge and decontamination water. Table D-3 contains analytes detected in the laboratory method blanks for all of the analyses. The listed method blank number refers to the laboratory sample identification number assigned by the analytical laboratory.

Table D-4 lists the target compounds and metals, along with detection limits, in soil and water.

II. COLUMN HEADINGS IN TABLES D-1, D-2, D-3, AND D-4

Sample location:

The codes used to identify the sample locations in Table D-1 are explained below.

First and second characters:

MW - monitoring well, drilled within a site or downgradient of a site
SD - sediment sample, collected for background data
BH - soil boring, drilled to collect soil samples and determine lithology
SW - surface water sample, collected for background data.

Third, fourth, and fifth characters:

The third, fourth, and fifth characters represent the well or borehole number; the number does not imply a particular site.

Field number: Each sample is given a unique four-digit number that is recorded in the project sample logbook, chain-of-custody form, field data base, and ORNL data base in Grand Junction, Colo. Replicate samples are numbered sequentially. Field numbers with a two-letter suffix are samples that required either reextraction or dilution by the analytical laboratory and are labeled RE and DL respectively.

Sample date: Date the samples were collected in the field.

Sample interval: Soil samples collected during the drilling of monitoring wells and soil borings (boreholes) are listed according to the depth below ground surface at which they were collected. Samples of groundwater and blanks are listed in the original sequence of collection on a given day. For example, a triplicate sample of groundwater taken from monitoring well MW05 would have intervals of 01, 02, and 03. Samples taken from the same well on consecutive days would each have a sample interval of 01.

Sample prep data: Date samples are prepared in the laboratory. This applies to semivolatile analysis only.

Date analyzed: Date analysis was performed.

Sample matrix:

GW = groundwater	SR = soil replicate
SO = soil	W = water (method blank)
S = soil (method blank)	WR = water replicate
DI = deionized water	RI = rinsate
WT = water (other than groundwater)	

Method blank number: The method blank associated with each sample. Only method blanks related to organic analyses are listed.

SDG: Refers to the sample delivery group (SDG) associated with each method blank.

Analytical method:

Sample code	Definition	Analytical method, soil/water
BNA	base/neutral and acid extractable semivolatile organic compounds	CLP/CLP
VOL	volatile organic compounds	CLP/CLP
PHC	total petroleum hydrocarbons	8015/8015
MET	CLP metals	CLP/CLP

Analyte: Volatile organic compounds possessing *cis/trans* or *ortho/meta/para* isomerism are reported as total compound present.

Result: Self explanatory.

Code: BR - compound was detected in the method blank as well as in the sample and the data are flagged unusable.

J - analytical result is an estimated value. For example, methylene chloride typically has a 1 μg/L limit of detection (LOD). The lowest quantity that can be reported with certainty is ~5 μg/L or the contract-required detection limit (CRDL). Values between the LOD and the CRDL are denoted by J.

Units: Self explanatory.

Table D.1. Significant data from sites and background

04/21/94

SIGNIFICANT CHEMICAL DATA FROM BASEWIDE

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
NW001	1000	11/10/92	002	11/17/92	11/19/92	SO	SBLK69	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	46.00	J	ug/kg
NW001	1000	11/10/92	002	12/03/92	12/05/92	SO	M01	MET	ALUMINUM	2010.00		mg/kg
NW001	1000	11/10/92	002	12/03/92	12/05/92	SO	M01	MET	ARSENIC	56.90	J	mg/kg
NW001	1000	11/10/92	002	12/03/92	12/05/92	SO	M01	MET	BARIUM	165.00		mg/kg
NW001	1000	11/10/92	002	12/03/92	12/05/92	SO	M01	MET	BERYLLIUM	0.78		mg/kg
NW001	1000	11/10/92	002	12/03/92	12/05/92	SO	M01	MET	CALCIUM	32600.00		mg/kg
NW001	1000	11/10/92	002	12/03/92	12/05/92	SO	M01	MET	CHROMIUM	10.00		mg/kg
NW001	1000	11/10/92	002	12/03/92	12/05/92	SO	M01	MET	COBALT	9.30		mg/kg
NW001	1000	11/10/92	002	12/03/92	12/05/92	SO	M01	MET	COPPER	24.60		mg/kg
NW001	1000	11/10/92	002	12/03/92	12/05/92	SO	M01	MET	IRON	20100.00		mg/kg
NW001	1000	11/10/92	002	12/03/92	12/05/92	SO	M01	MET	LEAD	9.50		mg/kg
NW001	1000	11/10/92	002	12/03/92	12/05/92	SO	M01	MET	MAGNESIUM	7240.00		mg/kg
NW001	1000	11/10/92	002	12/03/92	12/05/92	SO	M01	MET	MANGANESE	476.00		mg/kg
NW001	1000	11/10/92	002	12/03/92	12/05/92	SO	M01	MET	POTASSIUM	2520.00	J	mg/kg
NW001	1000	11/10/92	002	12/03/92	12/05/92	SO	M01	MET	SODIUM	1350.00		mg/kg
NW001	1000	11/10/92	002	12/03/92	12/05/92	SO	M01	MET	VANADIUM	46.90		mg/kg
NW001	1000	11/10/92	002	12/03/92	12/05/92	SO	M01	MET	ZINC	84.50		mg/kg
NW001	1000	11/10/92	002	/ /	11/17/92	SO	VBLKG8	VOL	ACETONE	16.00	BR	ug/kg
NW001	1000	11/10/92	002	/ /	11/17/92	SO	VBLKG8	VOL	METHYLENE CHLORIDE	23.00	BR	ug/kg
NW001	1000RE	11/10/92	002	/ /	11/20/92	SO	VBLKS9	VOL	ACETONE	270.00	BR	ug/kg
NW001	1000RE	11/10/92	002	/ /	11/20/92	SO	VBLKS9	VOL	CHLOROFORM	2.00		ug/kg
NW001	1000RE	11/10/92	002	/ /	11/20/92	SO	VBLKS9	VOL	METHYLENE CHLORIDE	44.00	BR	ug/kg
NW001	1001	11/10/92	004	11/17/92	11/19/92	SO	SBLK69	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	44.00		ug/kg
NW001	1001	11/10/92	004	12/03/92	12/05/92	SO	M01	MET	ALUMINUM	10700.00		mg/kg
NW001	1001	11/10/92	004	12/03/92	12/05/92	SO	M01	MET	ANTIMONY	16.30		mg/kg
NW001	1001	11/10/92	004	12/03/92	12/05/92	SO	M01	MET	ARSENIC	69.60	J	mg/kg
NW001	1001	11/10/92	004	12/03/92	12/05/92	SO	M01	MET	BARIUM	171.00		mg/kg
NW001	1001	11/10/92	004	12/03/92	12/05/92	SO	M01	MET	CALCIUM	2790.00		mg/kg
NW001	1001	11/10/92	004	12/03/92	12/05/92	SO	M01	MET	CHROMIUM	7.30		mg/kg
NW001	1001	11/10/92	004	12/03/92	12/05/92	SO	M01	MET	COBALT	6.90		mg/kg

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM BASEWIDE

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
NW001	1001	11/10/92	004	12/03/92	12/05/92	SO	M01	MET	COPPER	16.10		mg/kg
NW001	1001	11/10/92	004	12/03/92	12/05/92	SO	M01	MET	IRON	14200.00		mg/kg
NW001	1001	11/10/92	004	12/03/92	12/05/92	SO	M01	MET	LEAD	7.60		mg/kg
NW001	1001	11/10/92	004	12/03/92	12/05/92	SO	M01	MET	MAGNESIUM	2670.00		mg/kg
NW001	1001	11/10/92	004	12/03/92	12/05/92	SO	M01	MET	MANGANESE	353.00		mg/kg
NW001	1001	11/10/92	004	12/03/92	12/05/92	SO	M01	MET	MERCURY	0.12		mg/kg
NW001	1001	11/10/92	004	12/03/92	12/05/92	SO	M01	MET	POTASSIUM	5290.00	J	mg/kg
NW001	1001	11/10/92	004	12/03/92	12/05/92	SO	M01	MET	SODIUM	1340.00		mg/kg
NW001	1001	11/10/92	004	12/03/92	12/05/92	SO	M01	MET	VANADIUM	35.00		mg/kg
NW001	1001	11/10/92	004	12/03/92	12/05/92	SO	M01	MET	ZINC	39.60		mg/kg
NW001	1001	11/10/92	004	/ /	11/18/92	SO	VBLKG8	VOL	ACETONE	11.00	BR	ug/kg
NW001	1001	11/10/92	004	/ /	11/18/92	SO	VBLKG8	VOL	METHYLENE CHLORIDE	31.00	BR	ug/kg
NW001	1002	11/10/92	006	11/17/92	11/19/92	SO	SBLK69	BNA	4-NITROPHENOL	43.00	J	ug/kg
NW001	1002	11/10/92	006	11/17/92	11/19/92	SO	SBLK69	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	46.00		ug/kg
NW001	1002	11/10/92	006	12/03/92	12/05/92	SO	M01	MET	ALUMINUM	15300.00		mg/kg
NW001	1002	11/10/92	006	12/03/92	12/05/92	SO	M01	MET	ARSENIC	96.80	J	mg/kg
NW001	1002	11/10/92	006	12/03/92	12/05/92	SO	M01	MET	BARIUM	211.00		mg/kg
NW001	1002	11/10/92	006	12/03/92	12/05/92	SO	M01	MET	BERYLLIUM	0.57		mg/kg
NW001	1002	11/10/92	006	12/03/92	12/05/92	SO	M01	MET	CALCIUM	3700.00		mg/kg
NW001	1002	11/10/92	006	12/03/92	12/05/92	SO	M01	MET	CHROMIUM	10.90		mg/kg
NW001	1002	11/10/92	006	12/03/92	12/05/92	SO	M01	MET	COBALT	15.00		mg/kg
NW001	1002	11/10/92	006	12/03/92	12/05/92	SO	M01	MET	COPPER	24.70		mg/kg
NW001	1002	11/10/92	006	12/03/92	12/05/92	SO	M01	MET	IRON	22600.00		mg/kg
NW001	1002	11/10/92	006	12/03/92	12/05/92	SO	M01	MET	LEAD	8.90		mg/kg
NW001	1002	11/10/92	006	12/03/92	12/05/92	SO	M01	MET	MAGNESIUM	3740.00		mg/kg
NW001	1002	11/10/92	006	12/03/92	12/05/92	SO	M01	MET	MANGANESE	874.00		mg/kg
NW001	1002	11/10/92	006	12/03/92	12/05/92	SO	M01	MET	NICKEL	18.70		mg/kg
NW001	1002	11/10/92	006	12/03/92	12/05/92	SO	M01	MET	POTASSIUM	2560.00	J	mg/kg
NW001	1002	11/10/92	006	12/03/92	12/05/92	SO	M01	MET	SODIUM	1440.00		mg/kg
NW001	1002	11/10/92	006	12/03/92	12/05/92	SO	M01	MET	VANADIUM	51.00		mg/kg

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM BASEWIDE

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
NW001	1002	11/10/92	006	12/03/92	12/05/92	SO	M01	MET	ZINC	171.00		mg/kg
NW001	1002	11/10/92	006	/ /	11/18/92	SO	VBLKG8	VOL	ACETONE	15.00	BR	ug/kg
NW001	1002	11/10/92	006	/ /	11/18/92	SO	VBLKG8	VOL	METHYLENE CHLORIDE	30.00	BR	ug/kg
NW001	1003	11/10/92	008	11/17/92	11/19/92	SO	SBLK69	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	69.00		ug/kg
NW001	1003	11/10/92	008	12/03/92	12/05/92	SO	M01	MET	ALUMINUM	12700.00		mg/kg
NW001	1003	11/10/92	008	12/03/92	12/05/92	SO	M01	MET	ARSENIC	24.80	J	mg/kg
NW001	1003	11/10/92	008	12/03/92	12/05/92	SO	M01	MET	BARIUM	130.00		mg/kg
NW001	1003	11/10/92	008	12/03/92	12/05/92	SO	M01	MET	BERYLLIUM	0.71		mg/kg
NW001	1003	11/10/92	008	12/03/92	12/05/92	SO	M01	MET	CALCIUM	3600.00		mg/kg
NW001	1003	11/10/92	008	12/03/92	12/05/92	SO	M01	MET	CHROMIUM	10.30		mg/kg
NW001	1003	11/10/92	008	12/03/92	12/05/92	SO	M01	MET	COBALT	11.80		mg/kg
NW001	1003	11/10/92	008	12/03/92	12/05/92	SO	M01	MET	COPPER	19.80		mg/kg
NW001	1003	11/10/92	008	12/03/92	12/05/92	SO	M01	MET	IRON	19700.00		mg/kg
NW001	1003	11/10/92	008	12/03/92	12/05/92	SO	M01	MET	LEAD	7.80		mg/kg
NW001	1003	11/10/92	008	12/03/92	12/05/92	SO	M01	MET	MAGNESIUM	5100.00		mg/kg
NW001	1003	11/10/92	008	12/03/92	12/05/92	SO	M01	MET	MANGANESE	415.00		mg/kg
NW001	1003	11/10/92	008	12/03/92	12/05/92	SO	M01	MET	NICKEL	10.70		mg/kg
NW001	1003	11/10/92	008	12/03/92	12/05/92	SO	M01	MET	POTASSIUM	2620.00	J	mg/kg
NW001	1003	11/10/92	008	12/03/92	12/05/92	SO	M01	MET	SODIUM	1220.00		mg/kg
NW001	1003	11/10/92	008	12/03/92	12/05/92	SO	M01	MET	VANADIUM	43.60		mg/kg
NW001	1003	11/10/92	008	12/03/92	12/05/92	SO	M01	MET	ZINC	47.80		mg/kg
NW001	1003	11/10/92	008	/ /	11/18/92	SO	VBLKG8	VOL	ACETONE	14.00	BR	ug/kg
NW001	1003	11/10/92	008	/ /	11/18/92	SO	VBLKG8	VOL	METHYLENE CHLORIDE	25.00	BR	ug/kg
NW001	1003RE	11/10/92	008	/ /	11/19/92	SO	VBLK03	VOL	ACETONE	4400.00	J	ug/kg
NW001	1003RE	11/10/92	008	/ /	11/19/92	SO	VBLK03	VOL	CHLOROFORM	2.00		ug/kg
NW001	1003RE	11/10/92	008	/ /	11/19/92	SO	VBLK03	VOL	METHYLENE CHLORIDE	200.00	J	ug/kg
NW002	1015	12/03/92	004	12/10/92	12/12/92	SO	SBLK13	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	92.00	BR	ug/kg
NW002	1015	12/03/92	004	12/10/92	12/12/92	SO	SBLK13	BNA	DI-N-BUTYLPHTHALATE	120.00	BR	ug/kg
NW002	1015	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	ALUMINUM	25500.00		mg/kg
NW002	1015	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	ARSENIC	33.20	J	mg/kg

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM BASEWIDE

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
NW002	1015	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	BARIUM	151.00	J	mg/kg
NW002	1015	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	CALCIUM	6130.00	J	mg/kg
NW002	1015	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	CHROMIUM	13.00	J	mg/kg
NW002	1015	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	COBALT	9.20	J	mg/kg
NW002	1015	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	COPPER	27.80	J	mg/kg
NW002	1015	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	IRON	25800.00	J	mg/kg
NW002	1015	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	LEAD	8.00	J	mg/kg
NW002	1015	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	MAGNESIUM	6040.00	J	mg/kg
NW002	1015	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	MANGANESE	324.00	J	mg/kg
NW002	1015	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	NICKEL	16.50	J	mg/kg
NW002	1015	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	POTASSIUM	3950.00	J	mg/kg
NW002	1015	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	SODIUM	2700.00	J	mg/kg
NW002	1015	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	VANADIUM	55.50	J	mg/kg
NW002	1015	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	ZINC	66.40	J	mg/kg
NW002	1015	12/03/92	004	/ /	12/08/92	SO	VBLKJ9	VOL	ACETONE	21.00	BR	ug/kg
NW002	1015	12/03/92	004	/ /	12/08/92	SO	VBLKJ9	VOL	METHYLENE CHLORIDE	47.00	BR	ug/kg
NW002	1016	12/03/92	006	12/10/92	12/12/92	SO	SBLK13	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	120.00	BR	ug/kg
NW002	1016	12/03/92	006	12/10/92	12/12/92	SO	SBLK13	BNA	DI-N-BUTYLPHTHALATE	140.00	BR	ug/kg
NW002	1016	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	ALUMINUM	13400.00	J	mg/kg
NW002	1016	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	ARSENIC	77.90	J	mg/kg
NW002	1016	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	BARIUM	172.00	J	mg/kg
NW002	1016	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	CALCIUM	3210.00	J	mg/kg
NW002	1016	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	CHROMIUM	10.50	J	mg/kg
NW002	1016	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	COBALT	17.00	J	mg/kg
NW002	1016	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	COPPER	21.20	J	mg/kg
NW002	1016	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	IRON	20200.00	J	mg/kg
NW002	1016	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	LEAD	7.20	J	mg/kg
NW002	1016	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	MAGNESIUM	2790.00	J	mg/kg
NW002	1016	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	MANGANESE	839.00	J	mg/kg
NW002	1016	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	POTASSIUM	1650.00	J	mg/kg

Table D.1. (cont.)

04/21/94

SIGNIFICANT CHEMICAL DATA FROM BASEWIDE

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
MW002	1016	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	SODIUM	1440.00	J	mg/kg
MW002	1016	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	VANADIUM	50.40	J	mg/kg
MW002	1016	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	ZINC	55.90	J	mg/kg
MW002	1016	12/03/92	006	/ /	12/09/92	SO	VBLKJ9	VOL	ACETONE	16.00	BR	ug/kg
MW002	1016	12/03/92	006	/ /	12/09/92	SO	VBLKJ9	VOL	METHYLENE CHLORIDE	38.00	BR	ug/kg
MW002	1017	12/03/92	008	12/10/92	12/12/92	SO	SBLK13	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	120.00	BR	ug/kg
MW002	1017	12/03/92	008	12/10/92	12/12/92	SO	SBLK13	BNA	DI-N-BUTYLPHTHALATE	130.00	BR	ug/kg
MW002	1017	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	ALUMINUM	18400.00	J	mg/kg
MW002	1017	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	ARSENIC	33.20	J	mg/kg
MW002	1017	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	BARIUM	97.40	J	mg/kg
MW002	1017	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	CALCIUM	3990.00	J	mg/kg
MW002	1017	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	CHROMIUM	12.50	J	mg/kg
MW002	1017	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	COBALT	8.40	J	mg/kg
MW002	1017	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	COPPER	26.40	J	mg/kg
MW002	1017	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	IRON	24100.00	J	mg/kg
MW002	1017	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	LEAD	7.50	J	mg/kg
MW002	1017	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	MAGNESIUM	3740.00	J	mg/kg
MW002	1017	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	MANGANESE	130.00	J	mg/kg
MW002	1017	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	NICKEL	13.00	J	mg/kg
MW002	1017	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	POTASSIUM	2630.00	J	mg/kg
MW002	1017	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	SODIUM	1720.00	J	mg/kg
MW002	1017	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	VANADIUM	53.00	J	mg/kg
MW002	1017	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	ZINC	48.20	J	mg/kg
MW002	1017	12/03/92	008	/ /	12/09/92	SO	VBLKJ9	VOL	ACETONE	22.00	BR	ug/kg
MW002	1017	12/03/92	008	/ /	12/09/92	SO	VBLKJ9	VOL	METHYLENE CHLORIDE	31.00	BR	ug/kg
SD005	1021	12/03/92	001	12/10/92	12/13/92	SO	SBLK13	BNA	BENZO(A)ANTHRACENE	320.00	J	ug/kg
SD005	1021	12/03/92	001	12/10/92	12/13/92	SO	SBLK13	BNA	BENZO(A)PYRENE	310.00	J	ug/kg
SD005	1021	12/03/92	001	12/10/92	12/13/92	SO	SBLK13	BNA	BENZO(B)FLUORANTHENE	670.00		ug/kg
SD005	1021	12/03/92	001	12/10/92	12/13/92	SO	SBLK13	BNA	BENZO(G,H,I)PERYLENE	180.00	J	ug/kg
SD005	1021	12/03/92	001	12/10/92	12/13/92	SO	SBLK13	BNA	BENZO(K)FLUORANTHENE	670.00		ug/kg

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM BASEWIDE

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
SD005	1021	12/03/92	001	12/10/92	12/13/92	SO	SBLK13	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	930.00		ug/kg
SD005	1021	12/03/92	001	12/10/92	12/13/92	SO	SBLK13	BNA	BUTYLBENZYLPHTHALATE	52.00	J	ug/kg
SD005	1021	12/03/92	001	12/10/92	12/13/92	SO	SBLK13	BNA	CHRYSENE	360.00	J	ug/kg
SD005	1021	12/03/92	001	12/10/92	12/13/92	SO	SBLK13	BNA	DI-N-BUTYLPHTHALATE	200.00	BR	ug/kg
SD005	1021	12/03/92	001	12/10/92	12/13/92	SO	SBLK13	BNA	DIBENZ(A,H)ANTHRACENE	62.00	J	ug/kg
SD005	1021	12/03/92	001	12/10/92	12/13/92	SO	SBLK13	BNA	FLUORANTHENE	620.00		ug/kg
SD005	1021	12/03/92	001	12/10/92	12/13/92	SO	SBLK13	BNA	INDENO(1,2,3-CD)PYRENE	150.00	J	ug/kg
SD005	1021	12/03/92	001	12/10/92	12/13/92	SO	SBLK13	BNA	PHENANTHRENE	230.00	J	ug/kg
SD005	1021	12/03/92	001	12/10/92	12/13/92	SO	SBLK13	BNA	PYRENE	510.00		ug/kg
SD005	1021	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	ALUMINUM	9670.00	J	mg/kg
SD005	1021	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	ARSENIC	10.70	J	mg/kg
SD005	1021	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	BARIUM	103.00	J	mg/kg
SD005	1021	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	CALCIUM	3430.00	J	mg/kg
SD005	1021	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	CHROMIUM	8.70	J	mg/kg
SD005	1021	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	COBALT	7.40	J	mg/kg
SD005	1021	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	COPPER	16.60	J	mg/kg
SD005	1021	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	IRON	16600.00	J	mg/kg
SD005	1021	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	LEAD	26.10	J	mg/kg
SD005	1021	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	MAGNESIUM	2860.00	J	mg/kg
SD005	1021	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	MANGANESE	289.00	J	mg/kg
SD005	1021	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	SODIUM	589.00	J	mg/kg
SD005	1021	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	VANADIUM	43.10	J	mg/kg
SD005	1021	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	ZINC	75.70	J	mg/kg
SD005	1021	12/03/92	001	/ /	12/09/92	SO	VBLKJ9	VOL	ACETONE	14.00	BR	ug/kg
SD005	1021	12/03/92	001	/ /	12/09/92	SO	VBLKJ9	VOL	METHYLENE CHLORIDE	43.00	BR	ug/kg
SD006	1022	12/03/92	001	12/10/92	12/14/92	SO	SBLK13	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	230.00	BR	ug/kg
SD006	1022	12/03/92	001	12/10/92	12/14/92	SO	SBLK13	BNA	DI-N-OCTYLPHTHALATE	270.00	J	ug/kg
SD006	1022RE	12/03/92	001	12/15/92	12/17/92	SO	SBLK13	BNA	4-METHYLPHENOL	96.00	J	ug/kg
SD006	1022RE	12/03/92	001	12/15/92	12/17/92	SO	SBLK13	BNA	BENZO(A)ANTHRACENE	380.00	J	ug/kg
SD006	1022RE	12/03/92	001	12/15/92	12/17/92	SO	SBLK13	BNA	BENZO(A)PYRENE	420.00	J	ug/kg

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM BASEWIDE

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
SD006	1022RE	12/03/92	001	12/15/92	12/17/92	SO	SBLK13	BNA	BENZO(B)FLUORANTHENE	1200.00		ug/kg
SD006	1022RE	12/03/92	001	12/15/92	12/17/92	SO	SBLK13	BNA	BENZO(G,H,I)PERYLENE	250.00	J	ug/kg
SD006	1022RE	12/03/92	001	12/15/92	12/17/92	SO	SBLK13	BNA	BENZO(K)FLUORANTHENE	1200.00		ug/kg
SD006	1022RE	12/03/92	001	12/15/92	12/17/92	SO	SBLK13	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	1700.00		ug/kg
SD006	1022RE	12/03/92	001	12/15/92	12/17/92	SO	SBLK13	BNA	BUTYLBENZYLPHTHALATE	460.00	J	ug/kg
SD006	1022RE	12/03/92	001	12/15/92	12/17/92	SO	SBLK13	BNA	CARBAZOLE	110.00	J	ug/kg
SD006	1022RE	12/03/92	001	12/15/92	12/17/92	SO	SBLK13	BNA	CHRYSENE	490.00	J	ug/kg
SD006	1022RE	12/03/92	001	12/15/92	12/17/92	SO	SBLK13	BNA	DI-N-BUTYLPHTHALATE	180.00	BR	ug/kg
SD006	1022RE	12/03/92	001	12/15/92	12/17/92	SO	SBLK13	BNA	DIBENZ(A,H)ANTHRACENE	120.00	J	ug/kg
SD006	1022RE	12/03/92	001	12/15/92	12/17/92	SO	SBLK13	BNA	FLUORANTHENE	1000.00		ug/kg
SD006	1022RE	12/03/92	001	12/15/92	12/17/92	SO	SBLK13	BNA	INDENO(1,2,3-CD)PYRENE	210.00	J	ug/kg
SD006	1022RE	12/03/92	001	12/15/92	12/17/92	SO	SBLK13	BNA	PHENANTHRENE	310.00	J	ug/kg
SD006	1022RE	12/03/92	001	12/15/92	12/17/92	SO	SBLK13	BNA	PHENOL	120.00	J	ug/kg
SD006	1022RE	12/03/92	001	12/15/92	12/17/92	SO	SBLK13	BNA	PYRENE	630.00		ug/kg
SD006	1022	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	ALUMINUM	12900.00	J	mg/kg
SD006	1022	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	ARSENIC	10.00	J	mg/kg
SD006	1022	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	BARIUM	144.00	J	mg/kg
SD006	1022	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	CALCIUM	6920.00	J	mg/kg
SD006	1022	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	CHROMIUM	12.70	J	mg/kg
SD006	1022	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	COBALT	7.60	J	mg/kg
SD006	1022	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	COPPER	28.20	J	mg/kg
SD006	1022	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	IRON	16200.00	J	mg/kg
SD006	1022	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	LEAD	57.80	J	mg/kg
SD006	1022	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	MAGNESIUM	4570.00	J	mg/kg
SD006	1022	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	MANGANESE	311.00	J	mg/kg
SD006	1022	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	SODIUM	749.00	J	mg/kg
SD006	1022	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	VANADIUM	43.80	J	mg/kg
SD006	1022	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	ZINC	145.00	J	mg/kg
SD006	1022	12/03/92	001	/ /	12/09/92	SO	VBLKJ9	VOL	ACETONE	15.00	BR	ug/kg
SD006	1022	12/03/92	001	/ /	12/09/92	SO	VBLKJ9	VOL	METHYLENE CHLORIDE	54.00	BR	ug/kg

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM BASEWIDE

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
SD007	1023	12/03/92	001	12/10/92	12/14/92	SO	SBLK13	BNA	BENZO(A)ANTHRACENE	190.00	J	ug/kg
SD007	1023	12/03/92	001	12/10/92	12/14/92	SO	SBLK13	BNA	BENZO(A)PYRENE	170.00	J	ug/kg
SD007	1023	12/03/92	001	12/10/92	12/14/92	SO	SBLK13	BNA	BENZO(B)FLUORANTHENE	550.00		ug/kg
SD007	1023	12/03/92	001	12/10/92	12/14/92	SO	SBLK13	BNA	BENZO(K)FLUORANTHENE	550.00		ug/kg
SD007	1023	12/03/92	001	12/10/92	12/14/92	SO	SBLK13	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	250.00	BR	ug/kg
SD007	1023	12/03/92	001	12/10/92	12/14/92	SO	SBLK13	BNA	CHRYSENE	210.00	J	ug/kg
SD007	1023	12/03/92	001	12/10/92	12/14/92	SO	SBLK13	BNA	DI-N-BUTYLPHTHALATE	160.00	BR	ug/kg
SD007	1023	12/03/92	001	12/10/92	12/14/92	SO	SBLK13	BNA	FLUORANTHENE	410.00	J	ug/kg
SD007	1023	12/03/92	001	12/10/92	12/14/92	SO	SBLK13	BNA	PHENANTHRENE	87.00	J	ug/kg
SD007	1023	12/03/92	001	12/10/92	12/14/92	SO	SBLK13	BNA	PYRENE	250.00	J	ug/kg
SD007	1023	12/03/92	001	12/11/92	12/15/92	SO	MO3	MET	ALUMINUM	20000.00	J	mg/kg
SD007	1023	12/03/92	001	12/11/92	12/15/92	SO	MO3	MET	ARSENIC	31.50	J	mg/kg
SD007	1023	12/03/92	001	12/11/92	12/15/92	SO	MO3	MET	BARIUM	207.00	J	mg/kg
SD007	1023	12/03/92	001	12/11/92	12/15/92	SO	MO3	MET	CALCIUM	43500.00	J	mg/kg
SD007	1023	12/03/92	001	12/11/92	12/15/92	SO	MO3	MET	CHROMIUM	11.70	J	mg/kg
SD007	1023	12/03/92	001	12/11/92	12/15/92	SO	MO3	MET	COBALT	10.30	J	mg/kg
SD007	1023	12/03/92	001	12/11/92	12/15/92	SO	MO3	MET	COPPER	33.50	J	mg/kg
SD007	1023	12/03/92	001	12/11/92	12/15/92	SO	MO3	MET	IRON	20200.00	J	mg/kg
SD007	1023	12/03/92	001	12/11/92	12/15/92	SO	MO3	MET	LEAD	21.90	J	mg/kg
SD007	1023	12/03/92	001	12/11/92	12/15/92	SO	MO3	MET	MAGNESIUM	14300.00	J	mg/kg
SD007	1023	12/03/92	001	12/11/92	12/15/92	SO	MO3	MET	MANGANESE	815.00	J	mg/kg
SD007	1023	12/03/92	001	12/11/92	12/15/92	SO	MO3	MET	NICKEL	18.40	J	mg/kg
SD007	1023	12/03/92	001	12/11/92	12/15/92	SO	MO3	MET	POTASSIUM	3970.00	J	mg/kg
SD007	1023	12/03/92	001	12/11/92	12/15/92	SO	MO3	MET	SODIUM	1930.00	J	mg/kg
SD007	1023	12/03/92	001	12/11/92	12/15/92	SO	MO3	MET	VANADIUM	49.80	J	mg/kg
SD007	1023	12/03/92	001	12/11/92	12/15/92	SO	MO3	MET	ZINC	139.00	J	mg/kg
SD007	1023	12/03/92	001	/ /	12/09/92	SO	VBLKK5	VOL	ACETONE	50.00	BR	ug/kg
SD007	1023	12/03/92	001	/ /	12/09/92	SO	VBLKK5	VOL	METHYLENE CHLORIDE	56.00	BR	ug/kg
SD008	1024	12/03/92	001	12/10/92	12/14/92	SO	SBLK13	BNA	BENZO(A)ANTHRACENE	520.00		ug/kg
SD008	1024	12/03/92	001	12/10/92	12/14/92	SO	SBLK13	BNA	BENZO(A)PYRENE	210.00	J	ug/kg

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM BASEWIDE

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
SD008	1024	12/03/92	001	12/10/92	12/14/92	SO	SBLK13	BNA	BENZO(B)FLUORANTHENE	730.00		ug/kg
SD008	1024	12/03/92	001	12/10/92	12/14/92	SO	SBLK13	BNA	BENZO(G,H,I)PERYLENE	150.00	J	ug/kg
SD008	1024	12/03/92	001	12/10/92	12/14/92	SO	SBLK13	BNA	BENZO(K)FLUORANTHENE	730.00		ug/kg
SD008	1024	12/03/92	001	12/10/92	12/14/92	SO	SBLK13	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	1400.00		ug/kg
SD008	1024	12/03/92	001	12/10/92	12/14/92	SO	SBLK13	BNA	BUTYLBENZYLPHTHALATE	73.00	J	ug/kg
SD008	1024	12/03/92	001	12/10/92	12/14/92	SO	SBLK13	BNA	CARBAZOLE	61.00	J	ug/kg
SD008	1024	12/03/92	001	12/10/92	12/14/92	SO	SBLK13	BNA	CHRYSENE	390.00	J	ug/kg
SD008	1024	12/03/92	001	12/10/92	12/14/92	SO	SBLK13	BNA	DI-N-BUTYLPHTHALATE	130.00	BR	ug/kg
SD008	1024	12/03/92	001	12/10/92	12/14/92	SO	SBLK13	BNA	DI-N-OCTYLPHTHALATE	280.00	J	ug/kg
SD008	1024	12/03/92	001	12/10/92	12/14/92	SO	SBLK13	BNA	FLUORANTHENE	790.00		ug/kg
SD008	1024	12/03/92	001	12/10/92	12/14/92	SO	SBLK13	BNA	INDENO(1,2,3-CD)PYRENE	210.00	J	ug/kg
SD008	1024	12/03/92	001	12/10/92	12/14/92	SO	SBLK13	BNA	PHENANTHRENE	330.00	J	ug/kg
SD008	1024	12/03/92	001	12/10/92	12/14/92	SO	SBLK13	BNA	PYRENE	660.00		ug/kg
SD008	1024	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	ALUMINUM	13300.00	J	mg/kg
SD008	1024	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	ARSENIC	14.30	J	mg/kg
SD008	1024	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	BARIUM	131.00	J	mg/kg
SD008	1024	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	CALCIUM	8440.00	J	mg/kg
SD008	1024	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	CHROMIUM	15.40	J	mg/kg
SD008	1024	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	COBALT	8.90	J	mg/kg
SD008	1024	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	COPPER	25.90	J	mg/kg
SD008	1024	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	IRON	16900.00	J	mg/kg
SD008	1024	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	LEAD	34.60	J	mg/kg
SD008	1024	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	MAGNESIUM	6090.00	J	mg/kg
SD008	1024	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	MANGANESE	428.00	J	mg/kg
SD008	1024	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	NICKEL	15.70	J	mg/kg
SD008	1024	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	POTASSIUM	1570.00	J	mg/kg
SD008	1024	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	SODIUM	733.00	J	mg/kg
SD008	1024	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	VANADIUM	42.00	J	mg/kg
SD008	1024	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	ZINC	158.00	J	mg/kg
SD008	1024	12/03/92	001	/ /	12/09/92	SO	VBLKK5	VOL	ACETONE	18.00	BR	ug/kg

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM BASEWIDE

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
SD008	1024	12/03/92	001	/ /	12/09/92	SO	VBLKK5	VOL	METHYLENE CHLORIDE	36.00	BR	ug/kg
MW002	1500	12/01/92	001	12/03/92	12/07/92	GW	SBLK78	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	3.00	BR	ug/L
MW002	1500	12/01/92	001	12/03/92	12/07/92	GW	SBLK78	BNA	DI-N-BUTYLPHTHALATE	4.00	BR	ug/L
MW002	1500	12/01/92	001	12/10/92	12/11/92	GW	M09	MET	ALUMINUM	568.00		ug/L
MW002	1500	12/01/92	001	12/10/92	12/11/92	GW	M09	MET	ARSENIC	152.00	J	ug/L
MW002	1500	12/01/92	001	12/10/92	12/11/92	GW	M09	MET	BARIUM	31.20		ug/L
MW002	1500	12/01/92	001	12/10/92	12/11/92	GW	M09	MET	CALCIUM	47400.00		ug/L
MW002	1500	12/01/92	001	12/10/92	12/11/92	GW	M09	MET	COPPER	9.40		ug/L
MW002	1500	12/01/92	001	12/10/92	12/11/92	GW	M09	MET	IRON	55.90	J	ug/L
MW002	1500	12/01/92	001	12/10/92	12/11/92	GW	M09	MET	MAGNESIUM	5040.00		ug/L
MW002	1500	12/01/92	001	12/10/92	12/11/92	GW	M09	MET	MANGANESE	164.00		ug/L
MW002	1500	12/01/92	001	12/10/92	12/11/92	GW	M09	MET	POTASSIUM	14500.00		ug/L
MW002	1500	12/01/92	001	12/10/92	12/11/92	GW	M09	MET	SELENIUM	4.20		ug/L
MW002	1500	12/01/92	001	12/10/92	12/11/92	GW	M09	MET	SODIUM	443000.00		ug/L
MW002	1500	12/01/92	001	12/10/92	12/11/92	GW	M09	MET	VANADIUM	13.00		ug/L
MW002	1500	12/01/92	001	12/10/92	12/11/92	GW	M09	MET	ZINC	3.80		ug/L
MW002	1500	12/01/92	001	/ /	12/03/92	GW	VBLKSH	VOL	METHYLENE CHLORIDE	5.00	BR	ug/L
SW005	1518	12/03/92	001	12/07/92	12/08/92	GR	SBLK87	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	26.00	BR	ug/L
SW005	1518	12/03/92	001	12/07/92	12/08/92	GR	SBLK87	BNA	DI-N-BUTYLPHTHALATE	3.00	BR	ug/L
SW005	1518	12/03/92	001	12/10/92	12/11/92	GR	M09	MET	ALUMINUM	305.00		ug/L
SW005	1518	12/03/92	001	12/10/92	12/11/92	GR	M09	MET	BARIUM	38.90		ug/L
SW005	1518	12/03/92	001	12/10/92	12/11/92	GR	M09	MET	CALCIUM	18600.00		ug/L
SW005	1518	12/03/92	001	12/10/92	12/11/92	GR	M09	MET	IRON	67.90	J	ug/L
SW005	1518	12/03/92	001	12/10/92	12/11/92	GR	M09	MET	MAGNESIUM	6880.00		ug/L
SW005	1518	12/03/92	001	12/10/92	12/11/92	GR	M09	MET	MANGANESE	36.00		ug/L
SW005	1518	12/03/92	001	12/10/92	12/11/92	GR	M09	MET	POTASSIUM	2850.00		ug/L
SW005	1518	12/03/92	001	12/10/92	12/11/92	GR	M09	MET	SODIUM	16500.00		ug/L
SW005	1518	12/03/92	001	12/10/92	12/11/92	GR	M09	MET	ZINC	4.20		ug/L
MW001	1533	12/05/92	001	12/09/92	12/12/92	GW	SBLK05	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	1.00	BR	ug/L
MW001	1533	12/05/92	001	12/09/92	12/12/92	GW	SBLK05	BNA	DI-N-BUTYLPHTHALATE	2.00	J	ug/L

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM BASEWIDE

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
MW001	1533	12/05/92	001	12/29/92	01/09/93	GW	M10	MET	ALUMINUM	314.00		ug/L
MW001	1533	12/05/92	001	12/29/92	01/09/93	GW	M10	MET	ARSENIC	84.50	J	ug/L
MW001	1533	12/05/92	001	12/29/92	01/09/93	GW	M10	MET	BARIUM	36.70		ug/L
MW001	1533	12/05/92	001	12/29/92	01/09/93	GW	M10	MET	CALCIUM	22400.00		ug/L
MW001	1533	12/05/92	001	12/29/92	01/09/93	GW	M10	MET	COPPER	11.90		ug/L
MW001	1533	12/05/92	001	12/29/92	01/09/93	GW	M10	MET	IRON	360.00		ug/L
MW001	1533	12/05/92	001	12/29/92	01/09/93	GW	M10	MET	MAGNESIUM	5530.00		ug/L
MW001	1533	12/05/92	001	12/29/92	01/09/93	GW	M10	MET	MANGANESE	172.00		ug/L
MW001	1533	12/05/92	001	12/29/92	01/09/93	GW	M10	MET	POTASSIUM	8550.00		ug/L
MW001	1533	12/05/92	001	12/29/92	01/09/93	GW	M10	MET	SELENIUM	4.70		ug/L
MW001	1533	12/05/92	001	12/29/92	01/09/93	GW	M10	MET	SODIUM	236000.00		ug/L
MW001	1533	12/05/92	001	12/29/92	01/09/93	GW	M10	MET	VANADIUM	15.00		ug/L
MW001	1533	12/05/92	001	/ /	12/11/92	GW	HAZMRAPBLKL	VOL	CHLOROFORM	2.00	J	ug/L
MW001	1533	12/05/92	001	/ /	12/11/92	GW	HAZMRAPBLKL	VOL	METHYLENE CHLORIDE	3.00	BR	ug/L
MW001	1533	12/05/92	001	/ /	12/11/92	GW	HAZMRAPBLKL	VOL	TOLUENE	1.00	J	ug/L
MW002	1546	03/03/93	001	03/04/93	03/09/93	GW	SBLK27	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	3.00	BR	ug/L
MW002	1546	03/03/93	001	03/04/93	03/09/93	GW	SBLK27	BNA	BUTYLBENZYLPHTHALATE	1.00		ug/L
MW002	1546	03/03/93	001	03/04/93	03/09/93	GW	SBLK27	BNA	DI-N-BUTYLPHTHALATE	1.00		ug/L
MW002	1546	03/03/93	001	03/04/93	03/09/93	GW	SBLK27	BNA	DIETHYLPHTHALATE	1.00		ug/L
MW002	1546	03/03/93	001	03/09/93	03/10/93	GW	MET01	MET	ALUMINUM	92.50	BR	ug/L
MW002	1546	03/03/93	001	03/09/93	03/10/93	GW	MET01	MET	ARSENIC	137.00	J	ug/L
MW002	1546	03/03/93	001	03/09/93	03/10/93	GW	MET01	MET	BARIUM	17.70		ug/L
MW002	1546	03/03/93	001	03/09/93	03/10/93	GW	MET01	MET	CALCIUM	34600.00		ug/L
MW002	1546	03/03/93	001	03/09/93	03/10/93	GW	MET01	MET	COPPER	6.60		ug/L
MW002	1546	03/03/93	001	03/09/93	03/10/93	GW	MET01	MET	IRON	25.80	BR	ug/L
MW002	1546	03/03/93	001	03/09/93	03/10/93	GW	MET01	MET	MAGNESIUM	3900.00		ug/L
MW002	1546	03/03/93	001	03/09/93	03/10/93	GW	MET01	MET	MANGANESE	79.40		ug/L
MW002	1546	03/03/93	001	03/09/93	03/10/93	GW	MET01	MET	POTASSIUM	11800.00		ug/L
MW002	1546	03/03/93	001	03/09/93	03/10/93	GW	MET01	MET	SODIUM	364000.00		ug/L
MW002	1546	03/03/93	001	03/09/93	03/10/93	GW	MET01	MET	VANADIUM	12.50		ug/L

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM BASEWIDE

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
MW002	1546	03/03/93	001	/ /	03/07/93	GW	VBLKC8	VOL	CARBON DISULFIDE	9.00		ug/L
MW001	1547	03/03/93	001	03/04/93	03/08/93	GW	SBLK27	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	8.00	BR	ug/L
MW001	1547	03/03/93	001	03/09/93	03/23/93	GW	MET01	MET	ALUMINUM	117.00	BR	ug/L
MW001	1547	03/03/93	001	03/09/93	03/23/93	GW	MET01	MET	ARSENIC	88.60	J	ug/L
MW001	1547	03/03/93	001	03/09/93	03/23/93	GW	MET01	MET	BARIUM	39.40		ug/L
MW001	1547	03/03/93	001	03/09/93	03/23/93	GW	MET01	MET	CALCIUM	25800.00		ug/L
MW001	1547	03/03/93	001	03/09/93	03/23/93	GW	MET01	MET	COPPER	7.10		ug/L
MW001	1547	03/03/93	001	03/09/93	03/23/93	GW	MET01	MET	IRON	34.40	BR	ug/L
MW001	1547	03/03/93	001	03/09/93	03/23/93	GW	MET01	MET	MAGNESIUM	6250.00		ug/L
MW001	1547	03/03/93	001	03/09/93	03/23/93	GW	MET01	MET	MANGANESE	15.60		ug/L
MW001	1547	03/03/93	001	03/09/93	03/23/93	GW	MET01	MET	POTASSIUM	7090.00		ug/L
MW001	1547	03/03/93	001	03/09/93	03/23/93	GW	MET01	MET	SELENIUM	5.50		ug/L
MW001	1547	03/03/93	001	03/09/93	03/23/93	GW	MET01	MET	SODIUM	258000.00		ug/L
MW001	1547	03/03/93	001	03/09/93	03/23/93	GW	MET01	MET	VANADIUM	13.00		ug/L
SD008	1562	03/04/93	001	/ /	03/12/93	SO	VBLKCA	PHC	TPH BY GAS STD	0.07	BR	mg/kg

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 2

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH032	1112	12/07/92	003	12/16/92	12/19/92	SO	SBLK44	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	88.00	J	ug/kg
BH032	1112	12/07/92	003	12/18/92	01/05/93	SO	M06	MET	ALUMINUM	11600.00		mg/kg
BH032	1112	12/07/92	003	12/18/92	01/05/93	SO	M06	MET	ARSENIC	33.70	J	mg/kg
BH032	1112	12/07/92	003	12/18/92	01/05/93	SO	M06	MET	BARIUM	71.10	J	mg/kg
BH032	1112	12/07/92	003	12/18/92	01/05/93	SO	M06	MET	CALCIUM	4060.00	J	mg/kg
BH032	1112	12/07/92	003	12/18/92	01/05/93	SO	M06	MET	CHROMIUM	14.00	J	mg/kg
BH032	1112	12/07/92	003	12/18/92	01/05/93	SO	M06	MET	COBALT	9.90	J	mg/kg
BH032	1112	12/07/92	003	12/18/92	01/05/93	SO	M06	MET	COPPER	17.70	J	mg/kg
BH032	1112	12/07/92	003	12/18/92	01/05/93	SO	M06	MET	IRON	16900.00	J	mg/kg
BH032	1112	12/07/92	003	12/18/92	01/05/93	SO	M06	MET	LEAD	4.50	J	mg/kg
BH032	1112	12/07/92	003	12/18/92	01/05/93	SO	M06	MET	MAGNESIUM	5010.00	J	mg/kg
BH032	1112	12/07/92	003	12/18/92	01/05/93	SO	M06	MET	MANGANESE	346.00	J	mg/kg
BH032	1112	12/07/92	003	12/18/92	01/05/93	SO	M06	MET	NICKEL	23.00	J	mg/kg
BH032	1112	12/07/92	003	12/18/92	01/05/93	SO	M06	MET	POTASSIUM	3490.00	J	mg/kg
BH032	1112	12/07/92	003	12/18/92	01/05/93	SO	M06	MET	SODIUM	989.00	J	mg/kg
BH032	1112	12/07/92	003	12/18/92	01/05/93	SO	M06	MET	VANADIUM	61.90	J	mg/kg
BH032	1112	12/07/92	003	12/18/92	01/05/93	SO	M06	MET	ZINC	37.00	J	mg/kg
BH032	1112	12/07/92	003	/ /	12/19/92	SO	VBLKBH	PHC	GAS	84.69		mg/kg
BH032	1112	12/07/92	003	/ /	12/10/92	SO	VBLKM2	VOL	ACETONE	37.00	BR	ug/kg
BH032	1112	12/07/92	003	/ /	12/10/92	SO	VBLKM2	VOL	CHLOROFORM	1.00	J	ug/kg
BH032	1112	12/07/92	003	/ /	12/10/92	SO	VBLKM2	VOL	METHYLENE CHLORIDE	20.00	BR	ug/kg
BH032	1113	12/07/92	005	12/16/92	12/19/92	SO	SBLK44	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	55.00	J	ug/kg
BH032	1113	12/07/92	005	12/18/92	01/06/93	SO	M06	MET	ALUMINUM	15100.00	J	mg/kg
BH032	1113	12/07/92	005	12/18/92	01/06/93	SO	M06	MET	ARSENIC	5.30	J	mg/kg
BH032	1113	12/07/92	005	12/18/92	01/06/93	SO	M06	MET	BARIUM	111.00	J	mg/kg
BH032	1113	12/07/92	005	12/18/92	01/06/93	SO	M06	MET	CALCIUM	5990.00	J	mg/kg
BH032	1113	12/07/92	005	12/18/92	01/06/93	SO	M06	MET	CHROMIUM	14.60	J	mg/kg
BH032	1113	12/07/92	005	12/18/92	01/06/93	SO	M06	MET	COBALT	8.60	J	mg/kg
BH032	1113	12/07/92	005	12/18/92	01/06/93	SO	M06	MET	COPPER	24.60	J	mg/kg
BH032	1113	12/07/92	005	12/18/92	01/06/93	SO	M06	MET	IRON	21200.00	J	mg/kg

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 2

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH032	1113	12/07/92	005	12/18/92	01/06/93	SO	M06	MET	LEAD	6.40	J	mg/kg
BH032	1113	12/07/92	005	12/18/92	01/06/93	SO	M06	MET	MAGNESIUM	5830.00	J	mg/kg
BH032	1113	12/07/92	005	12/18/92	01/06/93	SO	M06	MET	MANGANESE	280.00	J	mg/kg
BH032	1113	12/07/92	005	12/18/92	01/06/93	SO	M06	MET	NICKEL	25.00	J	mg/kg
BH032	1113	12/07/92	005	12/18/92	01/06/93	SO	M06	MET	POTASSIUM	1820.00	J	mg/kg
BH032	1113	12/07/92	005	12/18/92	01/06/93	SO	M06	MET	SODIUM	879.00	J	mg/kg
BH032	1113	12/07/92	005	12/18/92	01/06/93	SO	M06	MET	VANADIUM	65.60	J	mg/kg
BH032	1113	12/07/92	005	12/18/92	01/06/93	SO	M06	MET	ZINC	58.00	J	mg/kg
BH032	1113	12/07/92	005	/ /	12/19/92	SO	VBLKBH	PHC	GAS	1.85		mg/kg
BH032	1113	12/07/92	005	/ /	12/10/92	SO	VBLKH2	VOL	2-BUTANONE	12.00	J	ug/kg
BH032	1113	12/07/92	005	/ /	12/10/92	SO	VBLKH2	VOL	ACETONE	44.00	BR	ug/kg
BH032	1113	12/07/92	005	/ /	12/10/92	SO	VBLKH2	VOL	CHLOROFORM	1.00	J	ug/kg
BH032	1113	12/07/92	005	/ /	12/10/92	SO	VBLKH2	VOL	METHYLENE CHLORIDE	22.00	BR	ug/kg
BH032	1114	12/07/92	007	12/16/92	12/19/92	SO	SBLK44	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	50.00	J	ug/kg
BH032	1114	12/07/92	007	12/18/92	01/06/93	SO	M06	MET	ALUMINUM	12800.00	J	mg/kg
BH032	1114	12/07/92	007	12/18/92	01/06/93	SO	M06	MET	ARSENIC	4.90	J	mg/kg
BH032	1114	12/07/92	007	12/18/92	01/06/93	SO	M06	MET	BARIUM	64.10	J	mg/kg
BH032	1114	12/07/92	007	12/18/92	01/06/93	SO	M06	MET	CALCIUM	5380.00	J	mg/kg
BH032	1114	12/07/92	007	12/18/92	01/06/93	SO	M06	MET	CHROMIUM	14.70	J	mg/kg
BH032	1114	12/07/92	007	12/18/92	01/06/93	SO	M06	MET	COBALT	7.90	J	mg/kg
BH032	1114	12/07/92	007	12/18/92	01/06/93	SO	M06	MET	COPPER	23.60	J	mg/kg
BH032	1114	12/07/92	007	12/18/92	01/06/93	SO	M06	MET	IRON	21500.00	J	mg/kg
BH032	1114	12/07/92	007	12/18/92	01/06/93	SO	M06	MET	LEAD	4.50	J	mg/kg
BH032	1114	12/07/92	007	12/18/92	01/06/93	SO	M06	MET	MAGNESIUM	4190.00	J	mg/kg
BH032	1114	12/07/92	007	12/18/92	01/06/93	SO	M06	MET	MANGANESE	142.00	J	mg/kg
BH032	1114	12/07/92	007	12/18/92	01/06/93	SO	M06	MET	NICKEL	16.10	J	mg/kg
BH032	1114	12/07/92	007	12/18/92	01/06/93	SO	M06	MET	POTASSIUM	2360.00	J	mg/kg
BH032	1114	12/07/92	007	12/18/92	01/06/93	SO	M06	MET	SODIUM	1040.00	J	mg/kg
BH032	1114	12/07/92	007	12/18/92	01/06/93	SO	M06	MET	VANADIUM	58.50	J	mg/kg
BH032	1114	12/07/92	007	12/18/92	01/06/93	SO	M06	MET	ZINC	52.50	J	mg/kg

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 2

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH032	1114	12/07/92	007	/ /	12/19/92	SO	VBLKBH	PHC	GAS	1.17		mg/kg
BH032	1114	12/07/92	007	/ /	12/10/92	SO	VBLKH2	VOL	ACETONE	25.00	BR	ug/kg
BH032	1114	12/07/92	007	/ /	12/10/92	SO	VBLKH2	VOL	CHLOROFORM	1.00	J	ug/kg
BH032	1114	12/07/92	007	/ /	12/10/92	SO	VBLKH2	VOL	METHYLENE CHLORIDE	30.00	BR	ug/kg
BH033	1115	12/07/92	003	12/16/92	12/19/92	SO	SBLK44	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	89.00	J	ug/kg
BH033	1115	12/07/92	003	12/18/92	01/06/93	SO	M06	MET	ALUMINUM	12100.00	J	mg/kg
BH033	1115	12/07/92	003	12/18/92	01/06/93	SO	M06	MET	ARSENIC	5.00	J	mg/kg
BH033	1115	12/07/92	003	12/18/92	01/06/93	SO	M06	MET	BARIUM	104.00	J	mg/kg
BH033	1115	12/07/92	003	12/18/92	01/06/93	SO	M06	MET	CALCIUM	4920.00	J	mg/kg
BH033	1115	12/07/92	003	12/18/92	01/06/93	SO	M06	MET	CHROMIUM	9.80	J	mg/kg
BH033	1115	12/07/92	003	12/18/92	01/06/93	SO	M06	MET	COBALT	7.30	J	mg/kg
BH033	1115	12/07/92	003	12/18/92	01/06/93	SO	M06	MET	COPPER	22.20	J	mg/kg
BH033	1115	12/07/92	003	12/18/92	01/06/93	SO	M06	MET	IRON	17100.00	J	mg/kg
BH033	1115	12/07/92	003	12/18/92	01/06/93	SO	M06	MET	LEAD	4.10	J	mg/kg
BH033	1115	12/07/92	003	12/18/92	01/06/93	SO	M06	MET	MAGNESIUM	5730.00	J	mg/kg
BH033	1115	12/07/92	003	12/18/92	01/06/93	SO	M06	MET	MANGANESE	259.00	J	mg/kg
BH033	1115	12/07/92	003	12/18/92	01/06/93	SO	M06	MET	NICKEL	16.80	J	mg/kg
BH033	1115	12/07/92	003	12/18/92	01/06/93	SO	M06	MET	POTASSIUM	2030.00	J	mg/kg
BH033	1115	12/07/92	003	12/18/92	01/06/93	SO	M06	MET	SODIUM	742.00	J	mg/kg
BH033	1115	12/07/92	003	12/18/92	01/06/93	SO	M06	MET	VANADIUM	45.10	J	mg/kg
BH033	1115	12/07/92	003	12/18/92	01/06/93	SO	M06	MET	ZINC	43.00	J	mg/kg
BH033	1115	12/07/92	003	/ /	12/10/92	SO	VBLKH2	VOL	ACETONE	19.00	BR	ug/kg
BH033	1115	12/07/92	003	/ /	12/10/92	SO	VBLKH2	VOL	METHYLENE CHLORIDE	25.00	BR	ug/kg
BH033	1116	12/07/92	005	12/16/92	12/19/92	SO	SBLK44	BNA	2-METHYLNAPHTHALENE	86.00	J	ug/kg
BH033	1116	12/07/92	005	12/16/92	12/19/92	SO	SBLK44	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	42.00	J	ug/kg
BH033	1116	12/07/92	005	12/16/92	12/19/92	SO	SBLK44	BNA	NAPHTHALENE	52.00	J	ug/kg
BH033	1116	12/07/92	005	12/17/92	12/24/92	SO	M07	MET	ALUMINUM	9590.00	J	mg/kg
BH033	1116	12/07/92	005	12/17/92	12/24/92	SO	M07	MET	ARSENIC	47.60	J	mg/kg
BH033	1116	12/07/92	005	12/17/92	12/24/92	SO	M07	MET	BARIUM	79.10	J	mg/kg
BH033	1116	12/07/92	005	12/17/92	12/24/92	SO	M07	MET	CALCIUM	4760.00	J	mg/kg

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 2

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH033	1116	12/07/92	005	12/17/92	12/24/92	SO	MB7	MET	CHROMIUM	16.80	J	mg/kg
BH033	1116	12/07/92	005	12/17/92	12/24/92	SO	MB7	MET	COBALT	10.40	J	mg/kg
BH033	1116	12/07/92	005	12/17/92	12/24/92	SO	MB7	MET	COPPER	17.60	J	mg/kg
BH033	1116	12/07/92	005	12/17/92	12/24/92	SO	MB7	MET	IRON	19600.00	J	mg/kg
BH033	1116	12/07/92	005	12/17/92	12/24/92	SO	MB7	MET	LEAD	3.50	J	mg/kg
BH033	1116	12/07/92	005	12/17/92	12/24/92	SO	MB7	MET	MAGNESIUM	2650.00	J	mg/kg
BH033	1116	12/07/92	005	12/17/92	12/24/92	SO	MB7	MET	MANGANESE	910.00	J	mg/kg
BH033	1116	12/07/92	005	12/17/92	12/24/92	SO	MB7	MET	MERCURY	1.10	J	mg/kg
BH033	1116	12/07/92	005	12/17/92	12/24/92	SO	MB7	MET	NICKEL	16.50	J	mg/kg
BH033	1116	12/07/92	005	12/17/92	12/24/92	SO	MB7	MET	POTASSIUM	1830.00	J	mg/kg
BH033	1116	12/07/92	005	12/17/92	12/24/92	SO	MB7	MET	SODIUM	912.00	J	mg/kg
BH033	1116	12/07/92	005	12/17/92	12/24/92	SO	MB7	MET	VANADIUM	33.30	J	mg/kg
BH033	1116	12/07/92	005	12/17/92	12/24/92	SO	MB7	MET	ZINC	41.50	J	mg/kg
BH033	1116	12/07/92	005	/ /	12/19/92	SO	VBLKBH	PHC	GAS	12.43		mg/kg
BH033	1116	12/07/92	005	/ /	12/10/92	SO	VBLKH2	VOL	1,2-DICHLOROETHENE (TOTAL)	8.00	J	ug/kg
BH033	1116	12/07/92	005	/ /	12/10/92	SO	VBLKH2	VOL	ACETONE	16.00	BR	ug/kg
BH033	1116	12/07/92	005	/ /	12/10/92	SO	VBLKH2	VOL	CHLOROFORM	2.00	J	ug/kg
BH033	1116	12/07/92	005	/ /	12/10/92	SO	VBLKH2	VOL	ETHYLBENZENE	17.00		ug/kg
BH033	1116	12/07/92	005	/ /	12/10/92	SO	VBLKH2	VOL	METHYLENE CHLORIDE	19.00	BR	ug/kg
BH033	1116	12/07/92	005	/ /	12/10/92	SO	VBLKH2	VOL	XYLENES (TOTAL)	13.00		ug/kg
BH033	1117	12/07/92	007	12/16/92	12/19/92	SO	SBLK44	BNA	2-METHYLNAPHTHALENE	91.00	J	ug/kg
BH033	1117	12/07/92	007	12/16/92	12/19/92	SO	SBLK44	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	40.00	J	ug/kg
BH033	1117	12/07/92	007	12/16/92	12/19/92	SO	SBLK44	BNA	NAPHTHALENE	110.00	J	ug/kg
BH033	1117	12/07/92	007	12/17/92	12/24/92	SO	MB7	MET	ALUMINUM	11800.00	J	mg/kg
BH033	1117	12/07/92	007	12/17/92	12/24/92	SO	MB7	MET	ARSENIC	78.80	J	mg/kg
BH033	1117	12/07/92	007	12/17/92	12/24/92	SO	MB7	MET	BARIUM	104.00	J	mg/kg
BH033	1117	12/07/92	007	12/17/92	12/24/92	SO	MB7	MET	BERYLLIUM	0.53	J	mg/kg
BH033	1117	12/07/92	007	12/17/92	12/24/92	SO	MB7	MET	CALCIUM	5930.00	J	mg/kg
BH033	1117	12/07/92	007	12/17/92	12/24/92	SO	MB7	MET	CHROMIUM	16.70	J	mg/kg
BH033	1117	12/07/92	007	12/17/92	12/24/92	SO	MB7	MET	COBALT	8.60	J	mg/kg

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 2

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH033	1117	12/07/92	007	12/17/92	12/24/92	SO	M07	MET	COPPER	20.30	J	mg/kg
BH033	1117	12/07/92	007	12/17/92	12/24/92	SO	M07	MET	IRON	20200.00	J	mg/kg
BH033	1117	12/07/92	007	12/17/92	12/24/92	SO	M07	MET	LEAD	2.30	J	mg/kg
BH033	1117	12/07/92	007	12/17/92	12/24/92	SO	M07	MET	MAGNESIUM	3420.00	J	mg/kg
BH033	1117	12/07/92	007	12/17/92	12/24/92	SO	M07	MET	MANGANESE	124.00	J	mg/kg
BH033	1117	12/07/92	007	12/17/92	12/24/92	SO	M07	MET	NICKEL	11.70	J	mg/kg
BH033	1117	12/07/92	007	12/17/92	12/24/92	SO	M07	MET	POTASSIUM	1760.00	J	mg/kg
BH033	1117	12/07/92	007	12/17/92	12/24/92	SO	M07	MET	SODIUM	997.00	J	mg/kg
BH033	1117	12/07/92	007	12/17/92	12/24/92	SO	M07	MET	VANADIUM	66.90	J	mg/kg
BH033	1117	12/07/92	007	12/17/92	12/24/92	SO	M07	MET	ZINC	47.00	J	mg/kg
BH033	1117	12/07/92	007	/ /	12/19/92	SO	VBLKBH	PHC	GAS	0.72		mg/kg
BH033	1117	12/07/92	007	/ /	12/10/92	SO	VBLKH2	VOL	1,2-DICHLOROETHENE (TOTAL)	48.00		ug/kg
BH033	1117	12/07/92	007	/ /	12/10/92	SO	VBLKH2	VOL	ACETONE	20.00	BR	ug/kg
BH033	1117	12/07/92	007	/ /	12/10/92	SO	VBLKH2	VOL	CHLOROFORM	2.00	J	ug/kg
BH033	1117	12/07/92	007	/ /	12/10/92	SO	VBLKH2	VOL	ETHYLBENZENE	12.00	J	ug/kg
BH033	1117	12/07/92	007	/ /	12/10/92	SO	VBLKH2	VOL	METHYLENE CHLORIDE	30.00	BR	ug/kg
BH034	1118	12/07/92	003	12/16/92	12/20/92	SO	SBLK44	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	79.00	J	ug/kg
BH034	1118	12/07/92	003	12/17/92	01/07/93	SO	M07	MET	ALUMINUM	19000.00	J	mg/kg
BH034	1118	12/07/92	003	12/17/92	01/07/93	SO	M07	MET	ARSENIC	6.70	J	mg/kg
BH034	1118	12/07/92	003	12/17/92	01/07/93	SO	M07	MET	BARIUM	125.00	J	mg/kg
BH034	1118	12/07/92	003	12/17/92	01/07/93	SO	M07	MET	BERYLLIUM	0.58	J	mg/kg
BH034	1118	12/07/92	003	12/17/92	01/07/93	SO	M07	MET	CALCIUM	6770.00	J	mg/kg
BH034	1118	12/07/92	003	12/17/92	01/07/93	SO	M07	MET	CHROMIUM	18.20	J	mg/kg
BH034	1118	12/07/92	003	12/17/92	01/07/93	SO	M07	MET	COBALT	9.40	J	mg/kg
BH034	1118	12/07/92	003	12/17/92	01/07/93	SO	M07	MET	COPPER	21.20	J	mg/kg
BH034	1118	12/07/92	003	12/17/92	01/07/93	SO	M07	MET	IRON	23000.00	J	mg/kg
BH034	1118	12/07/92	003	12/17/92	01/07/93	SO	M07	MET	LEAD	5.50	J	mg/kg
BH034	1118	12/07/92	003	12/17/92	01/07/93	SO	M07	MET	MAGNESIUM	6390.00	J	mg/kg
BH034	1118	12/07/92	003	12/17/92	01/07/93	SO	M07	MET	MANGANESE	368.00	J	mg/kg
BH034	1118	12/07/92	003	12/17/92	01/07/93	SO	M07	MET	NICKEL	27.30	J	mg/kg

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 2

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH034	1118	12/07/92	003	12/17/92	01/07/93	SO	MB7	MET	POTASSIUM	2460.00	J	mg/kg
BH034	1118	12/07/92	003	12/17/92	01/07/93	SO	MB7	MET	SODIUM	1150.00	J	mg/kg
BH034	1118	12/07/92	003	12/17/92	01/07/93	SO	MB7	MET	VANADIUM	72.00	J	mg/kg
BH034	1118	12/07/92	003	12/17/92	01/07/93	SO	MB7	MET	ZINC	52.70	J	mg/kg
BH034	1118	12/07/92	003	/ /	12/19/92	SO	VBLKBH	PHC	GAS	0.17		mg/kg
BH034	1118	12/07/92	003	/ /	12/10/92	SO	VBLKH2	VOL	2-BUTANONE	9.00	J	ug/kg
BH034	1118	12/07/92	003	/ /	12/10/92	SO	VBLKH2	VOL	ACETONE	32.00	BR	ug/kg
BH034	1118	12/07/92	003	/ /	12/10/92	SO	VBLKH2	VOL	METHYLENE CHLORIDE	23.00	BR	ug/kg
BH034	1119	12/07/92	005	12/16/92	12/23/92	SO	SBLK44	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	120.00	J	ug/kg
BH034	1119	12/07/92	005	12/17/92	01/07/93	SO	MB7	MET	ALUMINUM	10800.00	J	mg/kg
BH034	1119	12/07/92	005	12/17/92	01/07/93	SO	MB7	MET	ARSENIC	3.80	J	mg/kg
BH034	1119	12/07/92	005	12/17/92	01/07/93	SO	MB7	MET	BARIUM	73.70	J	mg/kg
BH034	1119	12/07/92	005	12/17/92	01/07/93	SO	MB7	MET	CALCIUM	4690.00	J	mg/kg
BH034	1119	12/07/92	005	12/17/92	01/07/93	SO	MB7	MET	CHROMIUM	15.90	J	mg/kg
BH034	1119	12/07/92	005	12/17/92	01/07/93	SO	MB7	MET	COBALT	8.00	J	mg/kg
BH034	1119	12/07/92	005	12/17/92	01/07/93	SO	MB7	MET	COPPER	17.20	J	mg/kg
BH034	1119	12/07/92	005	12/17/92	01/07/93	SO	MB7	MET	IRON	17700.00	J	mg/kg
BH034	1119	12/07/92	005	12/17/92	01/07/93	SO	MB7	MET	LEAD	4.00	J	mg/kg
BH034	1119	12/07/92	005	12/17/92	01/07/93	SO	MB7	MET	MAGNESIUM	3250.00	J	mg/kg
BH034	1119	12/07/92	005	12/17/92	01/07/93	SO	MB7	MET	MANGANESE	266.00	J	mg/kg
BH034	1119	12/07/92	005	12/17/92	01/07/93	SO	MB7	MET	POTASSIUM	1900.00	J	mg/kg
BH034	1119	12/07/92	005	12/17/92	01/07/93	SO	MB7	MET	SODIUM	890.00	J	mg/kg
BH034	1119	12/07/92	005	12/17/92	01/07/93	SO	MB7	MET	VANADIUM	36.70	J	mg/kg
BH034	1119	12/07/92	005	12/17/92	01/07/93	SO	MB7	MET	ZINC	41.40	J	mg/kg
BH034	1119	12/07/92	005	/ /	12/10/92	SO	VBLKH2	VOL	ACETONE	21.00	BR	ug/kg
BH034	1119	12/07/92	005	/ /	12/10/92	SO	VBLKH2	VOL	CHLOROFORM	1.00	J	ug/kg
BH034	1119	12/07/92	005	/ /	12/10/92	SO	VBLKH2	VOL	METHYLENE CHLORIDE	19.00	BR	ug/kg
MW011	1508	12/02/92	001	12/07/92	12/09/92	GW	SBLK01	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	3.00	BR	ug/L
MW011	1508	12/02/92	001	12/07/92	12/09/92	GW	SBLK01	BNA	DI-N-BUTYLPHTHALATE	1.00		ug/L
MW011	1508	12/02/92	001	12/10/92	12/11/92	GW	MW9	MET	ALUMINUM	392.00		ug/L

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 2

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
MW011	1508	12/02/92	001	12/10/92	12/11/92	GW	MB09	MET	ARSENIC	45.20	J	ug/L
MW011	1508	12/02/92	001	12/10/92	12/11/92	GW	MB09	MET	BARIUM	64.20		ug/L
MW011	1508	12/02/92	001	12/10/92	12/11/92	GW	MB09	MET	CALCIUM	66600.00		ug/L
MW011	1508	12/02/92	001	12/10/92	12/11/92	GW	MB09	MET	COPPER	11.30		ug/L
MW011	1508	12/02/92	001	12/10/92	12/11/92	GW	MB09	MET	MAGNESIUM	21100.00		ug/L
MW011	1508	12/02/92	001	12/10/92	12/11/92	GW	MB09	MET	MANGANESE	1350.00		ug/L
MW011	1508	12/02/92	001	12/10/92	12/11/92	GW	MB09	MET	POTASSIUM	17200.00		ug/L
MW011	1508	12/02/92	001	12/10/92	12/11/92	GW	MB09	MET	SODIUM	132000.00		ug/L
MW011	1508	12/02/92	001	12/10/92	12/11/92	GW	MB09	MET	VANADIUM	6.90		ug/L
MW011	1508	12/02/92	001	12/10/92	12/11/92	GW	MB09	MET	ZINC	4.90		ug/L
MW011	1508	12/02/92	001	/ /	12/09/92	GW	VBLKVO	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
MW008	1514	12/02/92	001	12/04/92	12/08/92	GW	SBLKB1	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	2.00	BR	ug/L
MW008	1514	12/02/92	001	12/04/92	12/08/92	GW	SBLKB1	BNA	DI-N-BUTYLPHTHALATE	2.00	BR	ug/L
MW008	1514	12/02/92	001	12/10/92	12/11/92	GW	MB09	MET	ALUMINUM	389.00		ug/L
MW008	1514	12/02/92	001	12/10/92	12/11/92	GW	MB09	MET	ARSENIC	43.40	J	ug/L
MW008	1514	12/02/92	001	12/10/92	12/11/92	GW	MB09	MET	BARIUM	95.50		ug/L
MW008	1514	12/02/92	001	12/10/92	12/11/92	GW	MB09	MET	CALCIUM	61600.00		ug/L
MW008	1514	12/02/92	001	12/10/92	12/11/92	GW	MB09	MET	IRON	35.90	J	ug/L
MW008	1514	12/02/92	001	12/10/92	12/11/92	GW	MB09	MET	MAGNESIUM	12400.00		ug/L
MW008	1514	12/02/92	001	12/10/92	12/11/92	GW	MB09	MET	MANGANESE	248.00		ug/L
MW008	1514	12/02/92	001	12/10/92	12/11/92	GW	MB09	MET	POTASSIUM	12400.00		ug/L
MW008	1514	12/02/92	001	12/10/92	12/11/92	GW	MB09	MET	SODIUM	150000.00		ug/L
MW008	1514	12/02/92	001	12/10/92	12/11/92	GW	MB09	MET	VANADIUM	13.50		ug/L
MW008	1514	12/02/92	001	12/10/92	12/11/92	GW	MB09	MET	ZINC	5.30		ug/L
MW008	1514	12/02/92	001	/ /	12/09/92	GW	VBLKVO	VOL	METHYLENE CHLORIDE	4.00	BR	ug/L
MW008	1514	12/02/92	001	/ /	12/09/92	GW	VBLKVO	VOL	TRICHLOROETHENE	6.00		ug/L
MW009	1519	12/03/92	001	12/07/92	12/08/92	GW	SBLKB7	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	1.00	BR	ug/L
MW009	1519	12/03/92	001	12/07/92	12/08/92	GW	SBLKB7	BNA	DI-N-BUTYLPHTHALATE	2.00	BR	ug/L
MW009	1519	12/03/92	001	12/10/92	12/11/92	GW	MB09	MET	ALUMINUM	366.00		ug/L
MW009	1519	12/03/92	001	12/10/92	12/11/92	GW	MB09	MET	ARSENIC	26.80	J	ug/L

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 2

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
MW009	1519	12/03/92	001	12/10/92	12/11/92	GW	M09	MET	BARIUM	50.20		ug/L
MW009	1519	12/03/92	001	12/10/92	12/11/92	GW	M09	MET	CALCIUM	43200.00		ug/L
MW009	1519	12/03/92	001	12/10/92	12/11/92	GW	M09	MET	COPPER	11.10		ug/L
MW009	1519	12/03/92	001	12/10/92	12/11/92	GW	M09	MET	MAGNESIUM	8300.00		ug/L
MW009	1519	12/03/92	001	12/10/92	12/11/92	GW	M09	MET	MANGANESE	111.00		ug/L
MW009	1519	12/03/92	001	12/10/92	12/11/92	GW	M09	MET	POTASSIUM	8820.00		ug/L
MW009	1519	12/03/92	001	12/10/92	12/11/92	GW	M09	MET	SODIUM	98700.00		ug/L
MW009	1519	12/03/92	001	12/10/92	12/11/92	GW	M09	MET	VANADIUM	11.90		ug/L
MW009	1519	12/03/92	001	12/10/92	12/11/92	GW	M09	MET	ZINC	5.30		ug/L
MW008	1588	03/07/93	001	03/10/93	03/12/93	GW	SBLK51	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	8.00	BR	ug/L
MW008	1588	03/07/93	001	03/10/93	03/12/93	GW	SBLK51	BNA	BUTYLBENZYLPHTHALATE	2.00	BR	ug/L
MW008	1588	03/07/93	001	03/10/93	03/12/93	GW	SBLK51	BNA	DIETHYLPHTHALATE	1.00	J	ug/L
MW008	1588	03/07/93	001	03/10/93	03/12/93	GW	SBLK51	BNA	PENTACHLOROPHENOL	1.00	J	ug/L
MW008	1588	03/07/93	001	03/18/93	03/21/93	GW	MET02	MET	ALUMINUM	140.00	BR	ug/L
MW008	1588	03/07/93	001	03/18/93	03/21/93	GW	MET02	MET	ARSENIC	50.00		ug/L
MW008	1588	03/07/93	001	03/18/93	03/21/93	GW	MET02	MET	BARIUM	41.70		ug/L
MW008	1588	03/07/93	001	03/18/93	03/21/93	GW	MET02	MET	CALCIUM	85400.00		ug/L
MW008	1588	03/07/93	001	03/18/93	03/21/93	GW	MET02	MET	IRON	65.50		ug/L
MW008	1588	03/07/93	001	03/18/93	03/21/93	GW	MET02	MET	MAGNESIUM	17000.00		ug/L
MW008	1588	03/07/93	001	03/18/93	03/21/93	GW	MET02	MET	MANGANESE	127.00		ug/L
MW008	1588	03/07/93	001	03/18/93	03/21/93	GW	MET02	MET	POTASSIUM	10600.00	J	ug/L
MW008	1588	03/07/93	001	03/18/93	03/21/93	GW	MET02	MET	SODIUM	157000.00		ug/L
MW008	1588	03/07/93	001	03/18/93	03/21/93	GW	MET02	MET	VANADIUM	11.00		ug/L
MW008	1588	03/07/93	001	03/18/93	03/21/93	GW	MET02	MET	ZINC	5.20		ug/L
MW008	1588	03/07/93	001	/ /	03/11/93	GW	VBLKH5	VOL	1,2-DICHLOROETHENE (TOTAL)	18.00		ug/L
MW008	1588	03/07/93	001	/ /	03/11/93	GW	VBLKH5	VOL	METHYLENE CHLORIDE	6.00	BR	ug/L
MW008	1588	03/07/93	001	/ /	03/11/93	GW	VBLKH5	VOL	TRICHLOROETHENE	2.00	J	ug/L
MW011	1589	03/07/93	001	03/11/93	03/13/93	GW	SBLK63	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	2.00	BR	ug/L
MW011	1589	03/07/93	001	03/18/93	03/21/93	GW	MET02	MET	ALUMINUM	115.00	BR	ug/L
MW011	1589	03/07/93	001	03/18/93	03/21/93	GW	MET02	MET	ANTIMONY	36.20		ug/L

04/21/94

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 2

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
MW011	1589	03/07/93	001	03/18/93	03/21/93	GW	MET02	MET	ARSENIC	49.80		ug/L
MW011	1589	03/07/93	001	03/18/93	03/21/93	GW	MET02	MET	BARIUM	92.20		ug/L
MW011	1589	03/07/93	001	03/18/93	03/21/93	GW	MET02	MET	CALCIUM	53500.00		ug/L
MW011	1589	03/07/93	001	03/18/93	03/21/93	GW	MET02	MET	IRON	262.00		ug/L
MW011	1589	03/07/93	001	03/18/93	03/21/93	GW	MET02	MET	MAGNESIUM	24700.00		ug/L
MW011	1589	03/07/93	001	03/18/93	03/21/93	GW	MET02	MET	MANGANESE	3030.00		ug/L
MW011	1589	03/07/93	001	03/18/93	03/21/93	GW	MET02	MET	POTASSIUM	15800.00	J	ug/L
MW011	1589	03/07/93	001	03/18/93	03/21/93	GW	MET02	MET	SODIUM	81100.00		ug/L
MW011	1589	03/07/93	001	03/18/93	03/21/93	GW	MET02	MET	ZINC	8.70		ug/L
MW011	1589	03/07/93	001	/ /	03/11/93	GW	VBLKH5	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
MW009	1590	03/07/93	001	03/11/93	03/13/93	GW	SBLK64	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	2.00	BR	ug/L
MW009	1590	03/07/93	001	03/11/93	03/13/93	GW	SBLK64	BNA	PENTACHLOROPHENOL	2.00	J	ug/L
MW009	1590	03/07/93	001	03/18/93	03/22/93	GW	MET02	MET	ALUMINUM	134.00	BR	ug/L
MW009	1590	03/07/93	001	03/18/93	03/22/93	GW	MET02	MET	ARSENIC	29.50		ug/L
MW009	1590	03/07/93	001	03/18/93	03/22/93	GW	MET02	MET	BARIUM	23.50		ug/L
MW009	1590	03/07/93	001	03/18/93	03/22/93	GW	MET02	MET	CALCIUM	74300.00		ug/L
MW009	1590	03/07/93	001	03/18/93	03/22/93	GW	MET02	MET	IRON	21.70		ug/L
MW009	1590	03/07/93	001	03/18/93	03/22/93	GW	MET02	MET	MAGNESIUM	15800.00		ug/L
MW009	1590	03/07/93	001	03/18/93	03/22/93	GW	MET02	MET	MANGANESE	93.60		ug/L
MW009	1590	03/07/93	001	03/18/93	03/22/93	GW	MET02	MET	POTASSIUM	9130.00	J	ug/L
MW009	1590	03/07/93	001	03/18/93	03/22/93	GW	MET02	MET	SODIUM	132000.00		ug/L
MW009	1590	03/07/93	001	03/18/93	03/22/93	GW	MET02	MET	VANADIUM	17.70		ug/L
MW009	1590	03/07/93	001	/ /	03/11/93	GW	VBLKH4	VOL	METHYLENE CHLORIDE	24.00	BR	ug/L

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 3

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH001	1018	12/03/92	002	12/10/92	12/13/92	SO	SBLK13	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	220.00	BR	ug/kg
BH001	1018	12/03/92	002	12/10/92	12/13/92	SO	SBLK13	BNA	DI-N-BUTYLPHTHALATE	230.00	BR	ug/kg
BH001	1018	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	ALUMINUM	24200.00	J	mg/kg
BH001	1018	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	ARSENIC	32.10	J	mg/kg
BH001	1018	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	BARIUM	163.00	J	mg/kg
BH001	1018	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	CALCIUM	60300.00	J	mg/kg
BH001	1018	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	CHROMIUM	9.60	J	mg/kg
BH001	1018	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	COBALT	9.40	J	mg/kg
BH001	1018	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	COPPER	21.90	J	mg/kg
BH001	1018	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	IRON	19300.00	J	mg/kg
BH001	1018	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	LEAD	16.20	J	mg/kg
BH001	1018	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	MAGNESIUM	13000.00	J	mg/kg
BH001	1018	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	MANGANESE	420.00	J	mg/kg
BH001	1018	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	POTASSIUM	3310.00	J	mg/kg
BH001	1018	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	SODIUM	1530.00	J	mg/kg
BH001	1018	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	VANADIUM	52.20	J	mg/kg
BH001	1018	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	ZINC	51.40	J	mg/kg
BH001	1018	12/03/92	002	/ /	12/10/92	SO	VBLKM2	VOL	ACETONE	51.00	BR	ug/kg
BH001	1018	12/03/92	002	/ /	12/10/92	SO	VBLKM2	VOL	METHYLENE CHLORIDE	28.00	BR	ug/kg
BH001	1019	12/03/92	004	12/10/92	12/13/92	SO	SBLK13	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	100.00	BR	ug/kg
BH001	1019	12/03/92	004	12/10/92	12/13/92	SO	SBLK13	BNA	DI-N-BUTYLPHTHALATE	120.00	BR	ug/kg
BH001	1019	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	ALUMINUM	18700.00	J	mg/kg
BH001	1019	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	ARSENIC	80.10	J	mg/kg
BH001	1019	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	BARIUM	126.00	J	mg/kg
BH001	1019	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	CALCIUM	3960.00	J	mg/kg
BH001	1019	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	CHROMIUM	12.10	J	mg/kg
BH001	1019	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	COBALT	9.50	J	mg/kg
BH001	1019	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	COPPER	25.60	J	mg/kg
BH001	1019	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	IRON	24300.00	J	mg/kg
BH001	1019	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	LEAD	8.50	J	mg/kg

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 3

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH001	1019	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	MAGNESIUM	4450.00	J	mg/kg
BH001	1019	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	MANGANESE	490.00	J	mg/kg
BH001	1019	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	NICKEL	15.90	J	mg/kg
BH001	1019	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	POTASSIUM	2120.00	J	mg/kg
BH001	1019	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	SODIUM	1380.00	J	mg/kg
BH001	1019	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	VANADIUM	55.90	J	mg/kg
BH001	1019	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	ZINC	55.00	J	mg/kg
BH001	1019	12/03/92	004	/ /	12/09/92	SO	VBLKJ9	VOL	ACETONE	14.00	BR	ug/kg
BH001	1019	12/03/92	004	/ /	12/09/92	SO	VBLKJ9	VOL	METHYLENE CHLORIDE	25.00	BR	ug/kg
BH001	1020	12/03/92	006	12/10/92	12/12/92	SO	SBLK13	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	110.00	BR	ug/kg
BH001	1020	12/03/92	006	12/10/92	12/12/92	SO	SBLK13	BNA	DI-N-BUTYLPHTHALATE	160.00	BR	ug/kg
BH001	1020	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	ALUMINUM	15600.00	J	mg/kg
BH001	1020	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	ARSENIC	41.90	J	mg/kg
BH001	1020	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	BARIUM	92.10	J	mg/kg
BH001	1020	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	CALCIUM	5170.00	J	mg/kg
BH001	1020	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	CHROMIUM	11.20	J	mg/kg
BH001	1020	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	COBALT	12.00	J	mg/kg
BH001	1020	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	COPPER	22.30	J	mg/kg
BH001	1020	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	IRON	27800.00	J	mg/kg
BH001	1020	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	LEAD	5.10	J	mg/kg
BH001	1020	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	MAGNESIUM	6130.00	J	mg/kg
BH001	1020	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	MANGANESE	306.00	J	mg/kg
BH001	1020	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	NICKEL	17.60	J	mg/kg
BH001	1020	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	POTASSIUM	2610.00	J	mg/kg
BH001	1020	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	SODIUM	1430.00	J	mg/kg
BH001	1020	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	VANADIUM	59.30	J	mg/kg
BH001	1020	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	ZINC	62.90	J	mg/kg
BH001	1020	12/03/92	006	/ /	12/09/92	SO	VBLKJ9	VOL	ACETONE	19.00	BR	ug/kg
BH001	1020	12/03/92	006	/ /	12/09/92	SO	VBLKJ9	VOL	METHYLENE CHLORIDE	24.00	BR	ug/kg
BH002	1025	12/03/92	002	12/10/92	12/14/92	SO	SBLK13	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	150.00	BR	ug/kg

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 3

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH002	1025	12/03/92	002	12/10/92	12/14/92	SO	SBLK13	BNA	DI-N-BUTYLPHTHALATE	170.00	BR	ug/kg
BH002	1025	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	ALUMINUM	20000.00	J	mg/kg
BH002	1025	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	ARSENIC	16.10	J	mg/kg
BH002	1025	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	BARIUM	179.00	J	mg/kg
BH002	1025	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	CALCIUM	4550.00	J	mg/kg
BH002	1025	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	CHROMIUM	9.10	J	mg/kg
BH002	1025	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	COBALT	10.80	J	mg/kg
BH002	1025	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	COPPER	21.90	J	mg/kg
BH002	1025	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	IRON	19900.00	J	mg/kg
BH002	1025	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	LEAD	8180.00	J	mg/kg
BH002	1025	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	MAGNESIUM	8180.00	J	mg/kg
BH002	1025	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	MANGANESE	549.00	J	mg/kg
BH002	1025	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	NICKEL	10.40	J	mg/kg
BH002	1025	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	POTASSIUM	3030.00	J	mg/kg
BH002	1025	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	SODIUM	2430.00	J	mg/kg
BH002	1025	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	VANADIUM	44.50	J	mg/kg
BH002	1025	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	ZINC	43.50	J	mg/kg
BH002	1025	12/03/92	002	/ /	12/09/92	SO	VBLKK5	VOL	ACETONE	15.00	BR	ug/kg
BH002	1025	12/03/92	002	/ /	12/09/92	SO	VBLKK5	VOL	METHYLENE CHLORIDE	23.00	BR	ug/kg
BH002	1026	12/03/92	006	12/10/92	12/13/92	SO	SBLK13	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	200.00	BR	ug/kg
BH002	1026	12/03/92	006	12/10/92	12/13/92	SO	SBLK13	BNA	DI-N-BUTYLPHTHALATE	220.00	BR	ug/kg
BH002	1026	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	ALUMINUM	13100.00	J	mg/kg
BH002	1026	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	ARSENIC	13.00	J	mg/kg
BH002	1026	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	BARIUM	82.10	J	mg/kg
BH002	1026	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	CALCIUM	5900.00	J	mg/kg
BH002	1026	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	CHROMIUM	11.00	J	mg/kg
BH002	1026	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	COBALT	9.70	J	mg/kg
BH002	1026	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	COPPER	25.50	J	mg/kg
BH002	1026	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	IRON	22200.00	J	mg/kg
BH002	1026	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	LEAD	3.90	J	mg/kg

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 3

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH002	1026	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	MAGNESIUM	6210.00	J	mg/kg
BH002	1026	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	MANGANESE	288.00	J	mg/kg
BH002	1026	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	MERCURY	0.34	J	mg/kg
BH002	1026	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	NICKEL	20.90	J	mg/kg
BH002	1026	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	POTASSIUM	2080.00	J	mg/kg
BH002	1026	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	SODIUM	1550.00	J	mg/kg
BH002	1026	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	VANADIUM	53.90	J	mg/kg
BH002	1026	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	ZINC	59.20	J	mg/kg
BH002	1026	12/03/92	006	/ /	12/09/92	SO	VBLKK5	VOL	ACETONE	18.00	BR	ug/kg
BH002	1026	12/03/92	006	/ /	12/09/92	SO	VBLKK5	VOL	METHYLENE CHLORIDE	47.00	BR	ug/kg
BH002	1027	12/03/92	014	12/10/92	12/14/92	SO	SBLK13	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	130.00	BR	ug/kg
BH002	1027	12/03/92	014	12/10/92	12/14/92	SO	SBLK13	BNA	DI-N-BUTYLPHTHALATE	180.00	BR	ug/kg
BH002	1027	12/03/92	014	12/11/92	12/15/92	SO	M03	MET	ALUMINUM	8420.00	J	mg/kg
BH002	1027	12/03/92	014	12/11/92	12/15/92	SO	M03	MET	ARSENIC	17.50	J	mg/kg
BH002	1027	12/03/92	014	12/11/92	12/15/92	SO	M03	MET	BARIUM	48.30	J	mg/kg
BH002	1027	12/03/92	014	12/11/92	12/15/92	SO	M03	MET	CALCIUM	4320.00	J	mg/kg
BH002	1027	12/03/92	014	12/11/92	12/15/92	SO	M03	MET	CHROMIUM	10.20	J	mg/kg
BH002	1027	12/03/92	014	12/11/92	12/15/92	SO	M03	MET	COBALT	6.30	J	mg/kg
BH002	1027	12/03/92	014	12/11/92	12/15/92	SO	M03	MET	COPPER	21.00	J	mg/kg
BH002	1027	12/03/92	014	12/11/92	12/15/92	SO	M03	MET	IRON	18900.00	J	mg/kg
BH002	1027	12/03/92	014	12/11/92	12/15/92	SO	M03	MET	LEAD	3.50	J	mg/kg
BH002	1027	12/03/92	014	12/11/92	12/15/92	SO	M03	MET	MAGNESIUM	3290.00	J	mg/kg
BH002	1027	12/03/92	014	12/11/92	12/15/92	SO	M03	MET	MANGANESE	228.00	J	mg/kg
BH002	1027	12/03/92	014	12/11/92	12/15/92	SO	M03	MET	SODIUM	967.00	J	mg/kg
BH002	1027	12/03/92	014	12/11/92	12/15/92	SO	M03	MET	VANADIUM	65.50	J	mg/kg
BH002	1027	12/03/92	014	12/11/92	12/15/92	SO	M03	MET	ZINC	39.80	J	mg/kg
BH002	1027	12/03/92	014	/ /	12/09/92	SO	VBLKK5	VOL	ACETONE	18.00	BR	ug/kg
BH002	1027	12/03/92	014	/ /	12/09/92	SO	VBLKK5	VOL	METHYLENE CHLORIDE	36.00	BR	ug/kg
BH003	1028	12/03/92	002	12/10/92	12/14/92	SO	SBLK13	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	140.00	BR	ug/kg
BH003	1028	12/03/92	002	12/10/92	12/14/92	SO	SBLK13	BNA	DI-N-BUTYLPHTHALATE	150.00	BR	ug/kg

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 3

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH003	1028	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	ALUMINUM	18900.00	J	mg/kg
BH003	1028	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	ARSENIC	24.90	J	mg/kg
BH003	1028	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	BARIUM	178.00	J	mg/kg
BH003	1028	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	CALCIUM	14500.00	J	mg/kg
BH003	1028	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	CHROMIUM	12.30	J	mg/kg
BH003	1028	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	COBALT	9.90	J	mg/kg
BH003	1028	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	COPPER	21.70	J	mg/kg
BH003	1028	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	IRON	21200.00	J	mg/kg
BH003	1028	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	LEAD	8.90	J	mg/kg
BH003	1028	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	MAGNESIUM	6970.00	J	mg/kg
BH003	1028	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	MANGANESE	412.00	J	mg/kg
BH003	1028	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	NICKEL	15.50	J	mg/kg
BH003	1028	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	POTASSIUM	2330.00	J	mg/kg
BH003	1028	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	SODIUM	1350.00	J	mg/kg
BH003	1028	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	VANADIUM	56.60	J	mg/kg
BH003	1028	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	ZINC	53.50	J	mg/kg
BH003	1028	12/03/92	002	/ /	12/09/92	SO	VBLKK5	VOL	ACETONE	13.00	BR	ug/kg
BH003	1028	12/03/92	002	/ /	12/09/92	SO	VBLKK5	VOL	METHYLENE CHLORIDE	27.00	BR	ug/kg
BH003	1029	12/03/92	006	12/10/92	12/14/92	SO	SBLK13	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	110.00	BR	ug/kg
BH003	1029	12/03/92	006	12/10/92	12/14/92	SO	SBLK13	BNA	DI-N-BUTYLPHTHALATE	140.00	BR	ug/kg
BH003	1029	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	ALUMINUM	18800.00	J	mg/kg
BH003	1029	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	ARSENIC	7.90	J	mg/kg
BH003	1029	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	BARIUM	130.00	J	mg/kg
BH003	1029	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	BERYLLIUM	0.60	J	mg/kg
BH003	1029	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	CALCIUM	6160.00	J	mg/kg
BH003	1029	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	CHROMIUM	19.70	J	mg/kg
BH003	1029	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	COBALT	11.60	J	mg/kg
BH003	1029	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	COPPER	23.40	J	mg/kg
BH003	1029	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	IRON	23700.00	J	mg/kg
BH003	1029	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	LEAD	5.00	J	mg/kg

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 3

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH003	1029	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	MAGNESIUM	5660.00	J	mg/kg
BH003	1029	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	MANGANESE	202.00	J	mg/kg
BH003	1029	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	NICKEL	23.20	J	mg/kg
BH003	1029	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	POTASSIUM	1320.00	J	mg/kg
BH003	1029	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	SODIUM	2040.00	J	mg/kg
BH003	1029	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	VANADIUM	74.70	J	mg/kg
BH003	1029	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	ZINC	57.90	J	mg/kg
BH003	1029	12/03/92	006	/ /	12/09/92	SO	VBLKK5	VOL	ACETONE	16.00	BR	ug/kg
BH003	1029	12/03/92	006	/ /	12/09/92	SO	VBLKK5	VOL	CHLOROFORM	2.00	J	ug/kg
BH003	1029	12/03/92	006	/ /	12/09/92	SO	VBLKK5	VOL	METHYLENE CHLORIDE	27.00	BR	ug/kg
BH003	1030	12/03/92	008	12/10/92	12/14/92	SO	SBLK13	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	120.00	BR	ug/kg
BH003	1030	12/03/92	008	12/10/92	12/14/92	SO	SBLK13	BNA	DI-N-BUTYLPHTHALATE	190.00	BR	ug/kg
BH003	1030	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	ALUMINUM	16800.00	J	mg/kg
BH003	1030	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	ARSENIC	15.50	J	mg/kg
BH003	1030	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	BARIUM	221.00	J	mg/kg
BH003	1030	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	CALCIUM	5770.00	J	mg/kg
BH003	1030	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	CHROMIUM	16.30	J	mg/kg
BH003	1030	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	COBALT	11.70	J	mg/kg
BH003	1030	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	COPPER	26.20	J	mg/kg
BH003	1030	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	IRON	19600.00	J	mg/kg
BH003	1030	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	LEAD	6.00	J	mg/kg
BH003	1030	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	MAGNESIUM	4490.00	J	mg/kg
BH003	1030	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	MANGANESE	124.00	J	mg/kg
BH003	1030	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	NICKEL	16.90	J	mg/kg
BH003	1030	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	SODIUM	1750.00	J	mg/kg
BH003	1030	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	VANADIUM	61.20	J	mg/kg
BH003	1030	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	ZINC	62.60	J	mg/kg
BH003	1030	12/03/92	008	/ /	12/09/92	SO	VBLKK5	VOL	ACETONE	20.00	BR	ug/kg
BH003	1030	12/03/92	008	/ /	12/09/92	SO	VBLKK5	VOL	CHLOROFORM	2.00	J	ug/kg
BH003	1030	12/03/92	008	/ /	12/09/92	SO	VBLKK5	VOL	METHYLENE CHLORIDE	38.00	BR	ug/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 3

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH004	1031	12/03/92	004	12/10/92	12/14/92	SO	SBLK12	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	84.00	J	ug/kg
BH004	1031	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	ALUMINUM	15700.00	J	mg/kg
BH004	1031	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	ARSENIC	72.80	J	mg/kg
BH004	1031	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	BARIUM	229.00	J	mg/kg
BH004	1031	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	CALCIUM	3550.00	J	mg/kg
BH004	1031	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	CHROMIUM	10.50	J	mg/kg
BH004	1031	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	COBALT	15.30	J	mg/kg
BH004	1031	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	COPPER	23.70	J	mg/kg
BH004	1031	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	IRON	23400.00	J	mg/kg
BH004	1031	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	LEAD	7.70	J	mg/kg
BH004	1031	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	MAGNESIUM	4260.00	J	mg/kg
BH004	1031	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	MANGANESE	1150.00	J	mg/kg
BH004	1031	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	NICKEL	15.90	J	mg/kg
BH004	1031	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	POTASSIUM	1850.00	J	mg/kg
BH004	1031	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	SODIUM	1260.00	J	mg/kg
BH004	1031	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	VANADIUM	45.80	J	mg/kg
BH004	1031	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	ZINC	38.60	J	mg/kg
BH004	1031	12/03/92	004	/ /	12/09/92	SO	VBLKK5	VOL	ACETONE	23.00	BR	ug/kg
BH004	1031	12/03/92	004	/ /	12/09/92	SO	VBLKK5	VOL	CHLOROFORM	1.00	J	ug/kg
BH004	1031	12/03/92	004	/ /	12/09/92	SO	VBLKK5	VOL	METHYLENE CHLORIDE	24.00	BR	ug/kg
BH005	1032	12/03/92	006	12/10/92	12/14/92	SO	SBLK12	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	63.00	J	ug/kg
BH005	1032	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	ALUMINUM	9510.00	J	mg/kg
BH005	1032	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	ARSENIC	10.00	J	mg/kg
BH005	1032	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	BARIUM	63.10	J	mg/kg
BH005	1032	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	CALCIUM	3650.00	J	mg/kg
BH005	1032	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	CHROMIUM	9.80	J	mg/kg
BH005	1032	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	COBALT	7.90	J	mg/kg
BH005	1032	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	COPPER	15.60	J	mg/kg
BH005	1032	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	IRON	23700.00	J	mg/kg
BH005	1032	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	LEAD	5.50	J	mg/kg

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Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 3

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH005	1032	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	MAGNESIUM	2860.00	J	mg/kg
BH005	1032	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	MANGANESE	112.00	J	mg/kg
BH005	1032	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	NICKEL	10.50	J	mg/kg
BH005	1032	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	SODIUM	1040.00	J	mg/kg
BH005	1032	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	VANADIUM	50.70	J	mg/kg
BH005	1032	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	ZINC	38.10	J	mg/kg
BH005	1032	12/03/92	006	/ /	12/09/92	SO	VBLKK5	VOL	ACETONE	15.00	BR	ug/kg
BH005	1032	12/03/92	006	/ /	12/09/92	SO	VBLKK5	VOL	METHYLENE CHLORIDE	25.00	BR	ug/kg
BH005	1033	12/03/92	007	12/10/92	12/14/92	SO	SBLK12	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	83.00	J	ug/kg
BH005	1033	12/03/92	007	12/11/92	12/15/92	SO	M03	MET	ALUMINUM	16200.00	J	mg/kg
BH005	1033	12/03/92	007	12/11/92	12/15/92	SO	M03	MET	ARSENIC	14.10	J	mg/kg
BH005	1033	12/03/92	007	12/11/92	12/15/92	SO	M03	MET	BARIUM	83.50	J	mg/kg
BH005	1033	12/03/92	007	12/11/92	12/15/92	SO	M03	MET	CALCIUM	5460.00	J	mg/kg
BH005	1033	12/03/92	007	12/11/92	12/15/92	SO	M03	MET	CHROMIUM	12.20	J	mg/kg
BH005	1033	12/03/92	007	12/11/92	12/15/92	SO	M03	MET	COBALT	9.30	J	mg/kg
BH005	1033	12/03/92	007	12/11/92	12/15/92	SO	M03	MET	COPPER	22.70	J	mg/kg
BH005	1033	12/03/92	007	12/11/92	12/15/92	SO	M03	MET	IRON	25100.00	J	mg/kg
BH005	1033	12/03/92	007	12/11/92	12/15/92	SO	M03	MET	LEAD	4.30	J	mg/kg
BH005	1033	12/03/92	007	12/11/92	12/15/92	SO	M03	MET	MAGNESIUM	7150.00	J	mg/kg
BH005	1033	12/03/92	007	12/11/92	12/15/92	SO	M03	MET	MANGANESE	273.00	J	mg/kg
BH005	1033	12/03/92	007	12/11/92	12/15/92	SO	M03	MET	NICKEL	26.60	J	mg/kg
BH005	1033	12/03/92	007	12/11/92	12/15/92	SO	M03	MET	POTASSIUM	2260.00	J	mg/kg
BH005	1033	12/03/92	007	12/11/92	12/15/92	SO	M03	MET	SODIUM	1410.00	J	mg/kg
BH005	1033	12/03/92	007	12/11/92	12/15/92	SO	M03	MET	VANADIUM	58.60	J	mg/kg
BH005	1033	12/03/92	007	12/11/92	12/15/92	SO	M03	MET	ZINC	49.00	J	mg/kg
BH005	1033	12/03/92	007	/ /	12/09/92	SO	VBLKK5	VOL	ACETONE	18.00	BR	ug/kg
BH005	1033	12/03/92	007	/ /	12/09/92	SO	VBLKK5	VOL	METHYLENE CHLORIDE	21.00	BR	ug/kg
MW020	1529	12/05/92	001	12/29/92	01/09/93	GW	M10	MET	ALUMINUM	194.00		ug/L
MW020	1529	12/05/92	001	12/29/92	01/09/93	GW	M10	MET	ARSENIC	37.90	J	ug/L
MW020	1529	12/05/92	001	12/29/92	01/09/93	GW	M10	MET	BARIUM	53.20		ug/L

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 3

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
MW020	1529	12/05/92	001	12/29/92	01/09/93	GW	M10	MET	CALCIUM	45400.00		ug/L
MW020	1529	12/05/92	001	12/29/92	01/09/93	GW	M10	MET	COPPER	8.20		ug/L
MW020	1529	12/05/92	001	12/29/92	01/09/93	GW	M10	MET	IRON	75.20		ug/L
MW020	1529	12/05/92	001	12/29/92	01/09/93	GW	M10	MET	MAGNESIUM	16000.00		ug/L
MW020	1529	12/05/92	001	12/29/92	01/09/93	GW	M10	MET	MANGANESE	256.00		ug/L
MW020	1529	12/05/92	001	12/29/92	01/09/93	GW	M10	MET	POTASSIUM	11000.00		ug/L
MW020	1529	12/05/92	001	12/29/92	01/09/93	GW	M10	MET	SODIUM	279000.00		ug/L
MW020	1529	12/05/92	001	12/29/92	01/09/93	GW	M10	MET	VANADIUM	9.70		ug/L
MW020	1529	12/05/92	001	12/29/92	01/09/93	GW	M10	MET	ZINC	7.00		ug/L
MW020	1529	12/05/92	001	/ /	12/11/92	GW	HAZWRAPBLK2	VOL	METHYLENE CHLORIDE	1.00	BR	ug/L
MW021	1530	12/05/92	001	12/08/92	12/12/92	GW	SBLK05	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	1.00	BR	ug/L
MW021	1530	12/05/92	001	12/08/92	12/12/92	GW	SBLK05	BNA	DI-N-BUTYLPHTHALATE	1.00	J	ug/L
MW021	1530	12/05/92	001	12/29/92	01/09/93	GW	M10	MET	ALUMINUM	178.00		ug/L
MW021	1530	12/05/92	001	12/29/92	01/09/93	GW	M10	MET	ARSENIC	39.00	J	ug/L
MW021	1530	12/05/92	001	12/29/92	01/09/93	GW	M10	MET	BARIUM	43.70		ug/L
MW021	1530	12/05/92	001	12/29/92	01/09/93	GW	M10	MET	CALCIUM	44100.00		ug/L
MW021	1530	12/05/92	001	12/29/92	01/09/93	GW	M10	MET	MAGNESIUM	12800.00		ug/L
MW021	1530	12/05/92	001	12/29/92	01/09/93	GW	M10	MET	MANGANESE	27.00		ug/L
MW021	1530	12/05/92	001	12/29/92	01/09/93	GW	M10	MET	POTASSIUM	9090.00		ug/L
MW021	1530	12/05/92	001	12/29/92	01/09/93	GW	M10	MET	SODIUM	221000.00		ug/L
MW021	1530	12/05/92	001	12/29/92	01/09/93	GW	M10	MET	VANADIUM	10.60		ug/L
MW021	1530	12/05/92	001	12/29/92	01/09/93	GW	M10	MET	ZINC	4.80		ug/L
MW021	1530	12/05/92	001	/ /	12/11/92	GW	HAZWRAPBLKL	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
MW021	1531	12/05/92	002	12/09/92	12/12/92	WR	SBLK05	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	2.00	BR	ug/L
MW021	1531	12/05/92	002	12/09/92	12/12/92	WR	SBLK05	BNA	DI-N-BUTYLPHTHALATE	1.00	J	ug/L
MW021	1531	12/05/92	002	12/29/92	01/09/93	WR	M10	MET	ALUMINUM	202.00		ug/L
MW021	1531	12/05/92	002	12/29/92	01/09/93	WR	M10	MET	ARSENIC	32.00	J	ug/L
MW021	1531	12/05/92	002	12/29/92	01/09/93	WR	M10	MET	BARIUM	44.10		ug/L
MW021	1531	12/05/92	002	12/29/92	01/09/93	WR	M10	MET	CALCIUM	43700.00		ug/L
MW021	1531	12/05/92	002	12/29/92	01/09/93	WR	M10	MET	COPPER	9.60		ug/L

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Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 3

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
MW021	1531	12/05/92	002	12/29/92	01/09/93	WR	MI0	MET	MAGNESIUM	12800.00		ug/L
MW021	1531	12/05/92	002	12/29/92	01/09/93	WR	MI0	MET	MANGANESE	26.40		ug/L
MW021	1531	12/05/92	002	12/29/92	01/09/93	WR	MI0	MET	POTASSIUM	10900.00		ug/L
MW021	1531	12/05/92	002	12/29/92	01/09/93	WR	MI0	MET	SODIUM	223000.00		ug/L
MW021	1531	12/05/92	002	12/29/92	01/09/93	WR	MI0	MET	VANADIUM	10.30		ug/L
MW021	1531	12/05/92	002	12/29/92	01/09/93	WR	MI0	MET	ZINC	5.60		ug/L
MW021	1531	12/05/92	002	/ /	12/11/92	WR	MAZWRAPBLKL	VOL	METHYLENE CHLORIDE	1.00	BR	ug/L
MW022	1532	12/05/92	001	12/09/92	12/11/92	GW	SBLK05	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	1.00	BR	ug/L
MW022	1532	12/05/92	001	12/29/92	01/09/93	GW	MI0	MET	ALUMINUM	196.00		ug/L
MW022	1532	12/05/92	001	12/29/92	01/09/93	GW	MI0	MET	ARSENIC	23.20	J	ug/L
MW022	1532	12/05/92	001	12/29/92	01/09/93	GW	MI0	MET	BARIUM	66.50		ug/L
MW022	1532	12/05/92	001	12/29/92	01/09/93	GW	MI0	MET	CALCIUM	57400.00		ug/L
MW022	1532	12/05/92	001	12/29/92	01/09/93	GW	MI0	MET	COPPER	11.00		ug/L
MW022	1532	12/05/92	001	12/29/92	01/09/93	GW	MI0	MET	IRON	75.20		ug/L
MW022	1532	12/05/92	001	12/29/92	01/09/93	GW	MI0	MET	MAGNESIUM	18100.00		ug/L
MW022	1532	12/05/92	001	12/29/92	01/09/93	GW	MI0	MET	MANGANESE	328.00		ug/L
MW022	1532	12/05/92	001	12/29/92	01/09/93	GW	MI0	MET	POTASSIUM	14800.00		ug/L
MW022	1532	12/05/92	001	12/29/92	01/09/93	GW	MI0	MET	SODIUM	304000.00		ug/L
MW022	1532	12/05/92	001	12/29/92	01/09/93	GW	MI0	MET	VANADIUM	6.70		ug/L
MW022	1532	12/05/92	001	12/29/92	01/09/93	GW	MI0	MET	ZINC	4.20		ug/L
MW022	1532	12/05/92	001	/ /	12/11/92	GW	MAZWRAPBLKL	VOL	METHYLENE CHLORIDE	1.00	BR	ug/L
MW022	1532	12/05/92	001	/ /	12/11/92	GW	MAZWRAPBLKL	VOL	TOLUENE	2.00	J	ug/L
MW020	1566	03/05/93	001	03/10/93	03/12/93	GW	SBLK50	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	2.00	BR	ug/L
MW020	1566DL	03/05/93	001	03/09/93	03/10/93	GW	MET01	MET	ALUMINUM	104.91	BR	ug/L
MW020	1566DL	03/05/93	001	03/09/93	03/10/93	GW	MET01	MET	ANTIMONY	30.00		ug/L
MW020	1566DL	03/05/93	001	03/09/93	03/10/93	GW	MET01	MET	ARSENIC	38.71	J	ug/L
MW020	1566DL	03/05/93	001	03/09/93	03/10/93	GW	MET01	MET	BARIUM	83.60		ug/L
MW020	1566DL	03/05/93	001	03/09/93	03/10/93	GW	MET01	MET	BERYLLIUM	1.00		ug/L
MW020	1566DL	03/05/93	001	03/09/93	03/10/93	GW	MET01	MET	CADMIUM	5.00		ug/L
MW020	1566DL	03/05/93	001	03/09/93	03/10/93	GW	MET01	MET	CALCIUM	47535.00		ug/L

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 3

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
MW020	1566DL	03/05/93	001	03/09/93	03/10/93	GW	MET01	MET	CHROMIUM	6.00		ug/L
MW020	1566DL	03/05/93	001	03/09/93	03/10/93	GW	MET01	MET	COBALT	9.00		ug/L
MW020	1566DL	03/05/93	001	03/09/93	03/10/93	GW	MET01	MET	COPPER	4.00		ug/L
MW020	1566DL	03/05/93	001	03/09/93	03/10/93	GW	MET01	MET	IRON	34.42	BR	ug/L
MW020	1566DL	03/05/93	001	03/09/93	03/10/93	GW	MET01	MET	LEAD	2.00		ug/L
MW020	1566DL	03/05/93	001	03/09/93	03/10/93	GW	MET01	MET	MAGNESIUM	15718.00		ug/L
MW020	1566DL	03/05/93	001	03/09/93	03/10/93	GW	MET01	MET	MANGANESE	239.81		ug/L
MW020	1566DL	03/05/93	001	03/09/93	03/10/93	GW	MET01	MET	MERCURY	0.20	J	ug/L
MW020	1566DL	03/05/93	001	03/09/93	03/10/93	GW	MET01	MET	NICKEL	13.00		ug/L
MW020	1566DL	03/05/93	001	03/09/93	03/10/93	GW	MET01	MET	POTASSIUM	7997.40		ug/L
MW020	1566DL	03/05/93	001	03/09/93	03/10/93	GW	MET01	MET	SELENIUM	3.00		ug/L
MW020	1566DL	03/05/93	001	03/09/93	03/10/93	GW	MET01	MET	SILVER	5.00	J	ug/L
MW020	1566DL	03/05/93	001	03/09/93	03/10/93	GW	MET01	MET	SODIUM	268990.00		ug/L
MW020	1566DL	03/05/93	001	03/09/93	03/10/93	GW	MET01	MET	THALLIUM	3.00		ug/L
MW020	1566DL	03/05/93	001	03/09/93	03/10/93	GW	MET01	MET	VANADIUM	8.28		ug/L
MW020	1566DL	03/05/93	001	03/09/93	03/10/93	GW	MET01	MET	ZINC	5.77	BR	ug/L
MW020	1566	03/05/93	001	/ /	03/11/93	GW	VBLKG4	VOL	METHYLENE CHLORIDE	1.00	BR	ug/L
MW021	1567	03/05/93	001	03/10/93	03/12/93	GW	SBLK50	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	2.00	BR	ug/L
MW021	1567	03/05/93	001	03/10/93	03/12/93	GW	SBLK50	BNA	BUTYLBENZYLPHTHALATE	1.00	BR	ug/L
MW021	1567	03/05/93	001	03/09/93	03/14/93	GW	MET01	MET	ALUMINUM	85.70	BR	ug/L
MW021	1567	03/05/93	001	03/09/93	03/14/93	GW	MET01	MET	ARSENIC	30.30	J	ug/L
MW021	1567	03/05/93	001	03/09/93	03/14/93	GW	MET01	MET	BARIUM	52.40		ug/L
MW021	1567	03/05/93	001	03/09/93	03/14/93	GW	MET01	MET	CALCIUM	49080.00		ug/L
MW021	1567	03/05/93	001	03/09/93	03/14/93	GW	MET01	MET	COPPER	6.20		ug/L
MW021	1567	03/05/93	001	03/09/93	03/14/93	GW	MET01	MET	IRON	25.90	BR	ug/L
MW021	1567	03/05/93	001	03/09/93	03/14/93	GW	MET01	MET	MAGNESIUM	14100.00		ug/L
MW021	1567	03/05/93	001	03/09/93	03/14/93	GW	MET01	MET	MANGANESE	17.10		ug/L
MW021	1567	03/05/93	001	03/09/93	03/14/93	GW	MET01	MET	POTASSIUM	9530.00		ug/L
MW021	1567	03/05/93	001	03/09/93	03/14/93	GW	MET01	MET	SODIUM	233000.00		ug/L
MW021	1567	03/05/93	001	03/09/93	03/14/93	GW	MET01	MET	VANADIUM	7.30		ug/L

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 3

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
MW021	1567	03/05/93	001	03/09/93	03/14/93	GW	MET01	MET	ZINC	6.20	BR	ug/L
MW021	1568	03/05/93	002	03/10/93	03/12/93	WR	SBLK50	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	6.00	BR	ug/L
MW021	1568	03/05/93	002	03/10/93	03/12/93	WR	SBLK50	BNA	DIETHYLPHTHALATE	1.00		ug/L
MW021	1568	03/05/93	002	03/09/93	03/14/93	WR	MET01	MET	ALUMINUM	81.80	BR	ug/L
MW021	1568	03/05/93	002	03/09/93	03/14/93	WR	MET01	MET	ARSENIC	26.90		ug/L
MW021	1568	03/05/93	002	03/09/93	03/14/93	WR	MET01	MET	BARIUM	50.40		ug/L
MW021	1568	03/05/93	002	03/09/93	03/14/93	WR	MET01	MET	CALCIUM	48900.00		ug/L
MW021	1568	03/05/93	002	03/09/93	03/14/93	WR	MET01	MET	IRON	17.20	BR	ug/L
MW021	1568	03/05/93	002	03/09/93	03/14/93	WR	MET01	MET	MAGNESIUM	14000.00		ug/L
MW021	1568	03/05/93	002	03/09/93	03/14/93	WR	MET01	MET	MANGANESE	15.30		ug/L
MW021	1568	03/05/93	002	03/09/93	03/14/93	WR	MET01	MET	POTASSIUM	8460.00		ug/L
MW021	1568	03/05/93	002	03/09/93	03/14/93	WR	MET01	MET	SODIUM	227000.00		ug/L
MW021	1568	03/05/93	002	03/09/93	03/14/93	WR	MET01	MET	VANADIUM	9.20		ug/L
MW022	1573	03/05/93	001	03/09/93	03/12/93	GW	SBLK45	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	9.00	BR	ug/L
MW022	1573	03/05/93	001	03/09/93	03/12/93	GW	SBLK45	BNA	BUTYLBENZYLPHTHALATE	2.00	BR	ug/L
MW022	1573	03/05/93	001	03/09/93	03/12/93	GW	SBLK45	BNA	DIETHYLPHTHALATE	1.00	BR	ug/L
MW022	1573	03/05/93	001	03/09/93	03/14/93	GW	MET01	MET	ALUMINUM	97.60	BR	ug/L
MW022	1573	03/05/93	001	03/09/93	03/14/93	GW	MET01	MET	ARSENIC	15.80		ug/L
MW022	1573	03/05/93	001	03/09/93	03/14/93	GW	MET01	MET	BARIUM	63.10		ug/L
MW022	1573	03/05/93	001	03/09/93	03/14/93	GW	MET01	MET	CALCIUM	62900.00		ug/L
MW022	1573	03/05/93	001	03/09/93	03/14/93	GW	MET01	MET	MAGNESIUM	17900.00		ug/L
MW022	1573	03/05/93	001	03/09/93	03/14/93	GW	MET01	MET	MANGANESE	236.00		ug/L
MW022	1573	03/05/93	001	03/09/93	03/14/93	GW	MET01	MET	POTASSIUM	11700.00		ug/L
MW022	1573	03/05/93	001	03/09/93	03/14/93	GW	MET01	MET	SODIUM	280000.00		ug/L
MW022	1573	03/05/93	001	03/09/93	03/14/93	GW	MET01	MET	VANADIUM	6.20		ug/L
MW022	1573	03/05/93	001	03/09/93	03/14/93	GW	MET01	MET	ZINC	5.30	BR	ug/L
MW022	1573	03/05/93	001	/ /	03/11/93	GW	VBLKG4	VOL	METHYLENE CHLORIDE	1.00	BR	ug/L

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 4

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH012	1047	12/04/92	002	12/11/92	12/13/92	SO	SBLK21	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	170.00	J	ug/kg
BH012	1047	12/04/92	002	12/11/92	12/13/92	SO	SBLK21	BNA	DI-N-BUTYLPHTHALATE	130.00	BR	ug/kg
BH012	1047	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	ALUMINUM	21800.00		mg/kg
BH012	1047	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	ARSENIC	28.70		mg/kg
BH012	1047	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	BARIUM	172.00		mg/kg
BH012	1047	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	CALCIUM	47900.00		mg/kg
BH012	1047	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	CHROMIUM	8.20		mg/kg
BH012	1047	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	COBALT	8.90		mg/kg
BH012	1047	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	COPPER	26.50		mg/kg
BH012	1047	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	IRON	18800.00		mg/kg
BH012	1047	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	LEAD	7.20		mg/kg
BH012	1047	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	MAGNESIUM	10900.00		mg/kg
BH012	1047	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	MANGANESE	396.00		mg/kg
BH012	1047	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	NICKEL	12.40		mg/kg
BH012	1047	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	POTASSIUM	2810.00		mg/kg
BH012	1047	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	SODIUM	1380.00	J	mg/kg
BH012	1047	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	VANADIUM	49.90		mg/kg
BH012	1047	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	ZINC	54.00		mg/kg
BH012	1047	12/04/92	002	12/17/92	12/18/92	SO	VBLKBD	PHC	GAS	0.01	J	mg/kg
BH012	1047	12/04/92	002	/ /	12/08/92	SO	VBLKK6	VOL	ACETONE	13.00	BR	ug/kg
BH012	1047	12/04/92	002	/ /	12/08/92	SO	VBLKK6	VOL	METHYLENE CHLORIDE	19.00	BR	ug/kg
BH012	1048	12/04/92	006	12/11/92	12/14/92	SO	SBLK24	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	180.00	J	ug/kg
BH012	1048	12/04/92	006	12/11/92	12/14/92	SO	SBLK24	BNA	DI-N-BUTYLPHTHALATE	120.00	BR	ug/kg
BH012	1048	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	ALUMINUM	16400.00		mg/kg
BH012	1048	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	ARSENIC	34.50		mg/kg
BH012	1048	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	BARIUM	273.00		mg/kg
BH012	1048	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	BERYLLIUM	0.49		mg/kg
BH012	1048	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	CALCIUM	4080.00		mg/kg
BH012	1048	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	CHROMIUM	11.30		mg/kg
BH012	1048	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	COBALT	12.70		mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 4

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH012	1048	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	COPPER	25.70		mg/kg
BH012	1048	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	IRON	20400.00		mg/kg
BH012	1048	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	LEAD	7.50		mg/kg
BH012	1048	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	MAGNESIUM	4020.00		mg/kg
BH012	1048	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	MANGANESE	2140.00		mg/kg
BH012	1048	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	NICKEL	15.90		mg/kg
BH012	1048	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	POTASSIUM	1490.00		mg/kg
BH012	1048	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	SODIUM	995.00	J	mg/kg
BH012	1048	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	VANADIUM	51.90		mg/kg
BH012	1048	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	ZINC	51.70		mg/kg
BH012	1048	12/04/92	006	/ /	12/08/92	SO	VBLKK6	VOL	ACETONE	18.00	BR	ug/kg
BH012	1048	12/04/92	006	/ /	12/08/92	SO	VBLKK6	VOL	METHYLENE CHLORIDE	18.00	BR	ug/kg
BH012	1049	12/04/92	008	12/11/92	12/15/92	SO	SBLK24	BNA	2-METHYLNAPHTHALENE	910.00		ug/kg
BH012	1049	12/04/92	008	12/11/92	12/15/92	SO	SBLK24	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	590.00	J	ug/kg
BH012	1049	12/04/92	008	12/11/92	12/15/92	SO	SBLK24	BNA	DI-N-BUTYLPHTHALATE	120.00	BR	ug/kg
BH012	1049	12/04/92	008	12/11/92	12/15/92	SO	SBLK24	BNA	NAPHTHALENE	1500.00		ug/kg
BH012	1049	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	ALUMINUM	19900.00		mg/kg
BH012	1049	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	ARSENIC	14.10		mg/kg
BH012	1049	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	BARIUM	191.00		mg/kg
BH012	1049	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	CALCIUM	4900.00		mg/kg
BH012	1049	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	CHROMIUM	13.30		mg/kg
BH012	1049	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	COBALT	14.30		mg/kg
BH012	1049	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	COPPER	20.60		mg/kg
BH012	1049	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	IRON	26600.00		mg/kg
BH012	1049	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	LEAD	8.20		mg/kg
BH012	1049	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	MAGNESIUM	5180.00		mg/kg
BH012	1049	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	MANGANESE	282.00		mg/kg
BH012	1049	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	NICKEL	18.40		mg/kg
BH012	1049	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	POTASSIUM	2480.00		mg/kg
BH012	1049	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	SODIUM	1220.00	J	mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 4

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH012	1049	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	VANADIUM	53.10		mg/kg
BH012	1049	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	ZINC	46.40		mg/kg
BH012	1049	12/04/92	008	12/17/92	12/18/92	SO	VBLKB0	PHC	GAS	630.00		mg/kg
BH012	1049	12/04/92	008	/ /	12/11/92	SO	VBLKP1	VOL	ETHYLBENZENE	1300.00	J	ug/kg
BH012	1049	12/04/92	008	/ /	12/11/92	SO	VBLKP1	VOL	METHYLENE CHLORIDE	1900.00	J	ug/kg
BH012	1049	12/04/92	008	/ /	12/11/92	SO	VBLKP1	VOL	XYLENES (TOTAL)	4600.00		ug/kg
BH013	1050	12/04/92	002	12/11/92	12/14/92	SO	SBLK24	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	250.00	J	ug/kg
BH013	1050	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	ALUMINUM	25500.00		mg/kg
BH013	1050	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	ARSENIC	26.20		mg/kg
BH013	1050	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	BARIUM	223.00		mg/kg
BH013	1050	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	CALCIUM	35200.00		mg/kg
BH013	1050	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	CHROMIUM	14.00		mg/kg
BH013	1050	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	COBALT	10.60		mg/kg
BH013	1050	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	COPPER	27.00		mg/kg
BH013	1050	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	IRON	21400.00		mg/kg
BH013	1050	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	LEAD	10.70		mg/kg
BH013	1050	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	MAGNESIUM	16900.00		mg/kg
BH013	1050	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	MANGANESE	586.00		mg/kg
BH013	1050	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	NICKEL	11.30		mg/kg
BH013	1050	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	POTASSIUM	5300.00		mg/kg
BH013	1050	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	SODIUM	1870.00	J	mg/kg
BH013	1050	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	VANADIUM	55.00		mg/kg
BH013	1050	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	ZINC	103.00		mg/kg
BH013	1050	12/04/92	002	/ /	12/08/92	SO	VBLKK6	VOL	ACETONE	15.00	BR	ug/kg
BH013	1050	12/04/92	002	/ /	12/08/92	SO	VBLKK6	VOL	METHYLENE CHLORIDE	24.00	BR	ug/kg
BH013	1051	12/04/92	004	12/11/92	12/14/92	SO	SBLK24	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	190.00	J	ug/kg
BH013	1051	12/04/92	004	12/11/92	12/14/92	SO	SBLK24	BNA	DI-N-BUTYLPHTHALATE	130.00	BR	ug/kg
BH013	1051	12/04/92	004	12/16/92	12/23/92	SO	M05	MET	ALUMINUM	31900.00	J	mg/kg
BH013	1051	12/04/92	004	12/16/92	12/23/92	SO	M05	MET	ARSENIC	34.70	J	mg/kg
BH013	1051	12/04/92	004	12/16/92	12/23/92	SO	M05	MET	BARIUM	221.00	J	mg/kg

Table D.1. (cont.)

04/21/94

SIGNIFICANT CHEMICAL DATA FROM SITE 4

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH013	1051	12/04/92	004	12/16/92	12/23/92	SO	M05	MET	BERYLLIUM	0.59	J	mg/kg
BH013	1051	12/04/92	004	12/16/92	12/23/92	SO	M05	MET	CALCIUM	42200.00	J	mg/kg
BH013	1051	12/04/92	004	12/16/92	12/23/92	SO	M05	MET	CHROMIUM	13.00	J	mg/kg
BH013	1051	12/04/92	004	12/16/92	12/23/92	SO	M05	MET	COBALT	10.80	J	mg/kg
BH013	1051	12/04/92	004	12/16/92	12/23/92	SO	M05	MET	COPPER	25.50	J	mg/kg
BH013	1051	12/04/92	004	12/16/92	12/23/92	SO	M05	MET	IRON	23700.00	J	mg/kg
BH013	1051	12/04/92	004	12/16/92	12/23/92	SO	M05	MET	LEAD	8.10	J	mg/kg
BH013	1051	12/04/92	004	12/16/92	12/23/92	SO	M05	MET	MAGNESIUM	11600.00	J	mg/kg
BH013	1051	12/04/92	004	12/16/92	12/23/92	SO	M05	MET	MANGANESE	467.00	J	mg/kg
BH013	1051	12/04/92	004	12/16/92	12/23/92	SO	M05	MET	POTASSIUM	3650.00	J	mg/kg
BH013	1051	12/04/92	004	12/16/92	12/23/92	SO	M05	MET	SODIUM	1230.00	J	mg/kg
BH013	1051	12/04/92	004	12/16/92	12/23/92	SO	M05	MET	VANADIUM	57.80	J	mg/kg
BH013	1051	12/04/92	004	12/16/92	12/23/92	SO	M05	MET	ZINC	58.00	J	mg/kg
BH013	1051	12/04/92	004	/ /	12/08/92	SO	VBLKK6	VOL	ACETONE	24.00	BR	ug/kg
BH013	1051	12/04/92	004	/ /	12/08/92	SO	VBLKK6	VOL	METHYLENE CHLORIDE	25.00	BR	ug/kg
BH013	1052	12/04/92	008	12/11/92	12/16/92	SO	SBLK24	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	120.00	J	ug/kg
BH013	1052	12/04/92	008	12/11/92	12/16/92	SO	SBLK24	BNA	DI-N-BUTYLPHTHALATE	93.00	BR	ug/kg
BH013	1052	12/04/92	008	12/16/92	01/04/93	SO	M05	MET	ALUMINUM	15100.00	J	mg/kg
BH013	1052	12/04/92	008	12/16/92	01/04/93	SO	M05	MET	ARSENIC	21.10	J	mg/kg
BH013	1052	12/04/92	008	12/16/92	01/04/93	SO	M05	MET	BARIUM	135.00	J	mg/kg
BH013	1052	12/04/92	008	12/16/92	01/04/93	SO	M05	MET	CALCIUM	3880.00	J	mg/kg
BH013	1052	12/04/92	008	12/16/92	01/04/93	SO	M05	MET	CHROMIUM	11.60	J	mg/kg
BH013	1052	12/04/92	008	12/16/92	01/04/93	SO	M05	MET	COBALT	8.90	J	mg/kg
BH013	1052	12/04/92	008	12/16/92	01/04/93	SO	M05	MET	COPPER	22.60	J	mg/kg
BH013	1052	12/04/92	008	12/16/92	01/04/93	SO	M05	MET	IRON	18500.00	J	mg/kg
BH013	1052	12/04/92	008	12/16/92	01/04/93	SO	M05	MET	LEAD	7.10	J	mg/kg
BH013	1052	12/04/92	008	12/16/92	01/04/93	SO	M05	MET	MAGNESIUM	4110.00	J	mg/kg
BH013	1052	12/04/92	008	12/16/92	01/04/93	SO	M05	MET	MANGANESE	227.00	J	mg/kg
BH013	1052	12/04/92	008	12/16/92	01/04/93	SO	M05	MET	NICKEL	12.60	J	mg/kg
BH013	1052	12/04/92	008	12/16/92	01/04/93	SO	M05	MET	POTASSIUM	2070.00	J	mg/kg

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 4

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH013	1052	12/04/92	008	12/16/92	01/04/93	SO	MB5	MET	SODIUM	1010.00	J	mg/kg
BH013	1052	12/04/92	008	12/16/92	01/04/93	SO	MB5	MET	VANADIUM	51.00	J	mg/kg
BH013	1052	12/04/92	008	12/16/92	01/04/93	SO	MB5	MET	ZINC	41.20	J	mg/kg
BH013	1052	12/04/92	008	12/17/92	12/18/92	SO	VBLKBD	PHC	GAS	120.00		mg/kg
BH013	1052	12/04/92	008	/ /	12/08/92	SO	VBLKK6	VOL	ACETONE	29.00	UR	ug/kg
BH013	1052	12/04/92	008	/ /	12/08/92	SO	VBLKK6	VOL	METHYLENE CHLORIDE	20.00	UR	ug/kg
BH014	1053	12/04/92	004	12/11/92	12/16/92	SO	SBLK24	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	330.00	J	ug/kg
BH014	1053	12/04/92	004	12/11/92	12/16/92	SO	SBLK24	BNA	DI-N-BUTYLPHTHALATE	110.00	UR	ug/kg
BH014	1053	12/04/92	004	12/16/92	12/23/92	SO	MB5	MET	ALUMINUM	17700.00	J	mg/kg
BH014	1053	12/04/92	004	12/16/92	12/23/92	SO	MB5	MET	ARSENIC	53.90	J	mg/kg
BH014	1053	12/04/92	004	12/16/92	12/23/92	SO	MB5	MET	BARIUM	200.00	J	mg/kg
BH014	1053	12/04/92	004	12/16/92	12/23/92	SO	MB5	MET	BERYLLIUM	0.51	J	mg/kg
BH014	1053	12/04/92	004	12/16/92	12/23/92	SO	MB5	MET	CALCIUM	8710.00	J	mg/kg
BH014	1053	12/04/92	004	12/16/92	12/23/92	SO	MB5	MET	CHROMIUM	10.70	J	mg/kg
BH014	1053	12/04/92	004	12/16/92	12/23/92	SO	MB5	MET	COBALT	11.90	J	mg/kg
BH014	1053	12/04/92	004	12/16/92	12/23/92	SO	MB5	MET	COPPER	29.10	J	mg/kg
BH014	1053	12/04/92	004	12/16/92	12/23/92	SO	MB5	MET	IRON	21000.00	J	mg/kg
BH014	1053	12/04/92	004	12/16/92	12/23/92	SO	MB5	MET	LEAD	7.70	J	mg/kg
BH014	1053	12/04/92	004	12/16/92	12/23/92	SO	MB5	MET	MAGNESIUM	6290.00	J	mg/kg
BH014	1053	12/04/92	004	12/16/92	12/23/92	SO	MB5	MET	MANGANESE	996.00	J	mg/kg
BH014	1053	12/04/92	004	12/16/92	12/23/92	SO	MB5	MET	POTASSIUM	2650.00	J	mg/kg
BH014	1053	12/04/92	004	12/16/92	12/23/92	SO	MB5	MET	SODIUM	1080.00	J	mg/kg
BH014	1053	12/04/92	004	12/16/92	12/23/92	SO	MB5	MET	VANADIUM	44.30	J	mg/kg
BH014	1053	12/04/92	004	12/16/92	12/23/92	SO	MB5	MET	ZINC	55.70	J	mg/kg
BH014	1053	12/04/92	004	12/17/92	12/17/92	SO	VBLKBD	PHC	GAS	0.10	J	mg/kg
BH014	1053	12/04/92	004	/ /	12/10/92	SO	VBLKM2	VOL	ACETONE	55.00	UR	ug/kg
BH014	1053	12/04/92	004	/ /	12/10/92	SO	VBLKM2	VOL	CHLOROFORM	1.00	J	ug/kg
BH014	1053	12/04/92	004	/ /	12/10/92	SO	VBLKM2	VOL	METHYLENE CHLORIDE	30.00	UR	ug/kg
BH014	1054	12/04/92	006	12/11/92	12/16/92	SO	SBLK24	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	73.00	J	ug/kg
BH014	1054	12/04/92	006	12/11/92	12/16/92	SO	SBLK24	BNA	DI-N-BUTYLPHTHALATE	84.00	UR	ug/kg

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 4

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH014	1054	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	ALUMINUM	11500.00	J	mg/kg
BH014	1054	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	ARSENIC	36.90	J	mg/kg
BH014	1054	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	BARIUM	115.00	J	mg/kg
BH014	1054	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	BERYLLIUM	0.47	J	mg/kg
BH014	1054	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	CALCIUM	3060.00	J	mg/kg
BH014	1054	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	CHROMIUM	10.80	J	mg/kg
BH014	1054	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	COBALT	8.30	J	mg/kg
BH014	1054	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	COPPER	23.80	J	mg/kg
BH014	1054	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	IRON	24200.00	J	mg/kg
BH014	1054	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	LEAD	6.80	J	mg/kg
BH014	1054	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	MAGNESIUM	2900.00	J	mg/kg
BH014	1054	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	MANGANESE	489.00	J	mg/kg
BH014	1054	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	NICKEL	11.70	J	mg/kg
BH014	1054	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	POTASSIUM	1630.00	J	mg/kg
BH014	1054	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	SODIUM	756.00	J	mg/kg
BH014	1054	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	VANADIUM	61.40	J	mg/kg
BH014	1054	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	ZINC	44.50	J	mg/kg
BH014	1054	12/04/92	006	/ /	12/10/92	SO	VBLKM2	VOL	ACETONE	38.00	BR	ug/kg
BH014	1054	12/04/92	006	/ /	12/10/92	SO	VBLKM2	VOL	CHLOROFORM	2.00	J	ug/kg
BH014	1054	12/04/92	006	/ /	12/10/92	SO	VBLKM2	VOL	METHYLENE CHLORIDE	20.00	BR	ug/kg
BH014	1055	12/04/92	008	12/11/92	12/16/92	SO	SBLK24	BNA	2-METHYLNAPHTHALENE	1200.00		ug/kg
BH014	1055	12/04/92	008	12/11/92	12/16/92	SO	SBLK24	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	500.00		ug/kg
BH014	1055	12/04/92	008	12/11/92	12/16/92	SO	SBLK24	BNA	DI-N-BUTYLPHTHALATE	98.00	BR	ug/kg
BH014	1055	12/04/92	008	12/11/92	12/16/92	SO	SBLK24	BNA	NAPHTHALENE	2100.00		ug/kg
BH014	1055	12/04/92	008	12/16/92	12/23/92	SO	M05	MET	ALUMINUM	14600.00	J	mg/kg
BH014	1055	12/04/92	008	12/16/92	12/23/92	SO	M05	MET	ARSENIC	25.80	J	mg/kg
BH014	1055	12/04/92	008	12/16/92	12/23/92	SO	M05	MET	BARIUM	151.00	J	mg/kg
BH014	1055	12/04/92	008	12/16/92	12/23/92	SO	M05	MET	CALCIUM	3800.00	J	mg/kg
BH014	1055	12/04/92	008	12/16/92	12/23/92	SO	M05	MET	CHROMIUM	10.50	J	mg/kg
BH014	1055	12/04/92	008	12/16/92	12/23/92	SO	M05	MET	COBALT	11.30	J	mg/kg

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 4

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH014	1055	12/04/92	008	12/16/92	12/23/92	SO	M05	MET	COPPER	23.20	J	mg/kg
BH014	1055	12/04/92	008	12/16/92	12/23/92	SO	M05	MET	IRON	18800.00	J	mg/kg
BH014	1055	12/04/92	008	12/16/92	12/23/92	SO	M05	MET	LEAD	8.00	J	mg/kg
BH014	1055	12/04/92	008	12/16/92	12/23/92	SO	M05	MET	MAGNESIUM	4950.00	J	mg/kg
BH014	1055	12/04/92	008	12/16/92	12/23/92	SO	M05	MET	MANGANESE	323.00	J	mg/kg
BH014	1055	12/04/92	008	12/16/92	12/23/92	SO	M05	MET	NICKEL	16.70	J	mg/kg
BH014	1055	12/04/92	008	12/16/92	12/23/92	SO	M05	MET	POTASSIUM	2440.00	J	mg/kg
BH014	1055	12/04/92	008	12/16/92	12/23/92	SO	M05	MET	SODIUM	1060.00	J	mg/kg
BH014	1055	12/04/92	008	12/16/92	12/23/92	SO	M05	MET	VANADIUM	40.60	J	mg/kg
BH014	1055	12/04/92	008	12/16/92	12/23/92	SO	M05	MET	ZINC	47.30	J	mg/kg
BH014	1055DL	12/04/92	008	12/16/92	12/18/92	SO	VBLKBD	PHC	GAS	3800.00		mg/kg
BH014	1055	12/04/92	008	/ /	12/15/92	SO	VBLKAB	VOL	ACETONE	1800.00	J	ug/kg
BH014	1055	12/04/92	008	/ /	12/15/92	SO	VBLKAB	VOL	ETHYLBENZENE	400.00	J	ug/kg
BH014	1055	12/04/92	008	/ /	12/15/92	SO	VBLKAB	VOL	METHYLENE CHLORIDE	970.00	BR	ug/kg
BH014	1055	12/04/92	008	/ /	12/15/92	SO	VBLKAB	VOL	XYLENES (TOTAL)	1000.00	J	ug/kg
BH015	1056	12/04/92	002	12/11/92	12/16/92	SO	SBLK24	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	97.00	J	ug/kg
BH015	1056	12/04/92	002	12/11/92	12/16/92	SO	SBLK24	BNA	DI-N-BUTYLPHTHALATE	76.00	BR	ug/kg
BH015	1056	12/04/92	002	12/11/92	12/16/92	SO	SBLK24	BNA	PYRENE	45.00	J	ug/kg
BH015	1056	12/04/92	002	12/16/92	12/24/92	SO	M05	MET	ALUMINUM	33000.00	J	mg/kg
BH015	1056	12/04/92	002	12/16/92	12/24/92	SO	M05	MET	ARSENIC	26.90	J	mg/kg
BH015	1056	12/04/92	002	12/16/92	12/24/92	SO	M05	MET	BARIUM	295.00	J	mg/kg
BH015	1056	12/04/92	002	12/16/92	12/24/92	SO	M05	MET	BERYLLIUM	0.60	J	mg/kg
BH015	1056	12/04/92	002	12/16/92	12/24/92	SO	M05	MET	CALCIUM	34700.00	J	mg/kg
BH015	1056	12/04/92	002	12/16/92	12/24/92	SO	M05	MET	CHROMIUM	13.30	J	mg/kg
BH015	1056	12/04/92	002	12/16/92	12/24/92	SO	M05	MET	COBALT	9.10	J	mg/kg
BH015	1056	12/04/92	002	12/16/92	12/24/92	SO	M05	MET	COPPER	31.60	J	mg/kg
BH015	1056	12/04/92	002	12/16/92	12/24/92	SO	M05	MET	IRON	23500.00	J	mg/kg
BH015	1056	12/04/92	002	12/16/92	12/24/92	SO	M05	MET	LEAD	14.50	J	mg/kg
BH015	1056	12/04/92	002	12/16/92	12/24/92	SO	M05	MET	MAGNESIUM	11100.00	J	mg/kg
BH015	1056	12/04/92	002	12/16/92	12/24/92	SO	M05	MET	MANGANESE	515.00	J	mg/kg

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 4

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH015	1056	12/04/92	002	12/16/92	12/24/92	SO	M05	MET	NICKEL	11.70	J	mg/kg
BH015	1056	12/04/92	002	12/16/92	12/24/92	SO	M05	MET	POTASSIUM	4300.00	J	mg/kg
BH015	1056	12/04/92	002	12/16/92	12/24/92	SO	M05	MET	SODIUM	1290.00	J	mg/kg
BH015	1056	12/04/92	002	12/16/92	12/24/92	SO	M05	MET	VANADIUM	61.20	J	mg/kg
BH015	1056	12/04/92	002	12/16/92	12/24/92	SO	M05	MET	ZINC	92.20	J	mg/kg
BH015	1056	12/04/92	002	12/17/92	12/17/92	SO	VBLKBD	PHC	GAS	9.20		mg/kg
BH015	1056	12/04/92	002	/ /	12/09/92	SO	VBLKK5	VOL	ACETONE	12.00	BR	ug/kg
BH015	1056	12/04/92	002	/ /	12/09/92	SO	VBLKK5	VOL	BENZENE	5.00	J	ug/kg
BH015	1056	12/04/92	002	/ /	12/09/92	SO	VBLKK5	VOL	ETHYLBENZENE	72.00		ug/kg
BH015	1056	12/04/92	002	/ /	12/09/92	SO	VBLKK5	VOL	METHYLENE CHLORIDE	33.00	BR	ug/kg
BH015	1056	12/04/92	002	/ /	12/09/92	SO	VBLKK5	VOL	XYLENES (TOTAL)	170.00		ug/kg
BH015	1057	12/04/92	006	12/11/92	12/15/92	SO	SBLK24	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	83.00	J	ug/kg
BH015	1057	12/04/92	006	12/11/92	12/15/92	SO	SBLK24	BNA	DI-N-BUTYLPHTHALATE	73.00	BR	ug/kg
BH015	1057	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	ALUMINUM	22400.00	J	mg/kg
BH015	1057	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	ARSENIC	46.90	J	mg/kg
BH015	1057	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	BARIUM	204.00	J	mg/kg
BH015	1057	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	CALCIUM	4170.00	J	mg/kg
BH015	1057	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	CHROMIUM	15.00	J	mg/kg
BH015	1057	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	COBALT	13.40	J	mg/kg
BH015	1057	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	COPPER	25.70	J	mg/kg
BH015	1057	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	IRON	23300.00	J	mg/kg
BH015	1057	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	LEAD	7.40	J	mg/kg
BH015	1057	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	MAGNESIUM	4050.00	J	mg/kg
BH015	1057	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	MANGANESE	1440.00	J	mg/kg
BH015	1057	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	NICKEL	11.70	J	mg/kg
BH015	1057	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	POTASSIUM	2530.00	J	mg/kg
BH015	1057	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	SODIUM	1240.00	J	mg/kg
BH015	1057	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	VANADIUM	57.60	J	mg/kg
BH015	1057	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	ZINC	58.50	J	mg/kg
BH015	1057	12/04/92	006	12/17/92	12/18/92	SO	VBLKBD	PHC	GAS	0.39	J	mg/kg

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 4

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH015	1057	12/04/92	006	/ /	12/09/92	SO	VBLKK5	VOL	ACETONE	19.00	BR	ug/kg
BH015	1057	12/04/92	006	/ /	12/09/92	SO	VBLKK5	VOL	METHYLENE CHLORIDE	31.00	BR	ug/kg
BH015	1057	12/04/92	006	/ /	12/09/92	SO	VBLKK5	VOL	XYLENES (TOTAL)	2.00	J	ug/kg
BH015	1058	12/04/92	006	12/11/92	12/16/92	SR	SBLK24	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	590.00		ug/kg
BH015	1058	12/04/92	006	12/11/92	12/16/92	SR	SBLK24	BNA	DI-N-BUTYLPHTHALATE	87.00	BR	ug/kg
BH015	1058	12/04/92	006	12/11/92	12/16/92	SR	SBLK24	BNA	PHENOL	52.00	J	ug/kg
BH015	1058	12/04/92	006	12/16/92	12/23/92	SR	MO5	MET	ALUMINUM	21900.00	J	mg/kg
BH015	1058	12/04/92	006	12/16/92	12/23/92	SR	MO5	MET	ARSENIC	17.60	J	mg/kg
BH015	1058	12/04/92	006	12/16/92	12/23/92	SR	MO5	MET	BARIUM	169.00	J	mg/kg
BH015	1058	12/04/92	006	12/16/92	12/23/92	SR	MO5	MET	BERYLLIUM	0.57	J	mg/kg
BH015	1058	12/04/92	006	12/16/92	12/23/92	SR	MO5	MET	CALCIUM	4900.00	J	mg/kg
BH015	1058	12/04/92	006	12/16/92	12/23/92	SR	MO5	MET	CHROMIUM	14.50	J	mg/kg
BH015		12/04/92	006	12/16/92	12/23/92	SR	MO5	MET	COBALT	11.90	J	mg/kg
BH015		12/04/92	006	12/16/92	12/23/92	SR	MO5	MET	COPPER	27.00	J	mg/kg
BH015	1058	12/04/92	006	12/16/92	12/23/92	SR	MO5	MET	IRON	23100.00	J	mg/kg
BH015	1058	12/04/92	006	12/16/92	12/23/92	SR	MO5	MET	LEAD	7.10	J	mg/kg
BH015	1058	12/04/92	006	12/16/92	12/23/92	SR	MO5	MET	MAGNESIUM	5720.00	J	mg/kg
BH015	1058	12/04/92	006	12/16/92	12/23/92	SR	MO5	MET	MANGANESE	264.00	J	mg/kg
BH015	1058	12/04/92	006	12/16/92	12/23/92	SR	MO5	MET	NICKEL	18.30	J	mg/kg
BH015	1058	12/04/92	006	12/16/92	12/23/92	SR	MO5	MET	POTASSIUM	2510.00	J	mg/kg
BH015	1058	12/04/92	006	12/16/92	12/23/92	SR	MO5	MET	SODIUM	1330.00	J	mg/kg
BH015	1058	12/04/92	006	12/16/92	12/23/92	SR	MO5	MET	VANADIUM	57.50	J	mg/kg
BH015	1058	12/04/92	006	12/16/92	12/23/92	SR	MO5	MET	ZINC	56.00	J	mg/kg
BH015	1058	12/04/92	006	12/17/92	12/18/92	SR	VBLKBE	PHC	GAS	250.00		mg/kg
BH015	1058	12/04/92	006	/ /	12/09/92	SR	VBLKK5	VOL	ACETONE	32.00	BR	ug/kg
BH015	1058	12/04/92	006	/ /	12/09/92	SR	VBLKK5	VOL	METHYLENE CHLORIDE	43.00	BR	ug/kg
MW003	1501	12/01/92	001	12/03/92	12/07/92	GW	SBLK78	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	8.00	BR	ug/L
MW003	1501	12/01/92	001	12/03/92	12/07/92	GW	SBLK78	BNA	DI-N-BUTYLPHTHALATE	2.00	BR	ug/L
MW003	1501	12/01/92	001	12/10/92	12/11/92	GW	MO9	MET	ALUMINUM	512.00		ug/L
MW003	1501	12/01/92	001	12/10/92	12/11/92	GW	MO9	MET	ARSENIC	116.00	J	ug/L

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 4

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
MW003	1501	12/01/92	001	12/10/92	12/11/92	GW	MW09	MET	BARIUM	95.00		ug/L
MW003	1501	12/01/92	001	12/10/92	12/11/92	GW	MW09	MET	CALCIUM	66900.00		ug/L
MW003	1501	12/01/92	001	12/10/92	12/11/92	GW	MW09	MET	COPPER	10.50		ug/L
MW003	1501	12/01/92	001	12/10/92	12/11/92	GW	MW09	MET	IRON	43.80	J	ug/L
MW003	1501	12/01/92	001	12/10/92	12/11/92	GW	MW09	MET	MAGNESIUM	18600.00		ug/L
MW003	1501	12/01/92	001	12/10/92	12/11/92	GW	MW09	MET	MANGANESE	384.00		ug/L
MW003	1501	12/01/92	001	12/10/92	12/11/92	GW	MW09	MET	POTASSIUM	12100.00		ug/L
MW003	1501	12/01/92	001	12/10/92	12/11/92	GW	MW09	MET	SELENIUM	4.90		ug/L
MW003	1501	12/01/92	001	12/10/92	12/11/92	GW	MW09	MET	SODIUM	394000.00		ug/L
MW003	1501	12/01/92	001	12/10/92	12/11/92	GW	MW09	MET	VANADIUM	7.10		ug/L
MW003	1501	12/01/92	001	12/10/92	12/11/92	GW	MW09	MET	ZINC	4.60		ug/L
MW003	1501	12/01/92	001	/ /	12/03/92	GW	VBLKSH	VOL	METHYLENE CHLORIDE	4.00	BR	ug/L
MW004	1502	12/01/92	001	12/03/92	12/07/92	GW	SBLK78	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	8.00	BR	ug/L
MW004	1502	12/01/92	001	12/03/92	12/07/92	GW	SBLK78	BNA	DI-N-BUTYLPHTHALATE	5.00	BR	ug/L
MW004	1502	12/01/92	001	12/10/92	12/11/92	GW	MW09	MET	ALUMINUM	490.00		ug/L
MW004	1502	12/01/92	001	12/10/92	12/11/92	GW	MW09	MET	ARSENIC	55.40	J	ug/L
MW004	1502	12/01/92	001	12/10/92	12/11/92	GW	MW09	MET	BARIUM	106.00		ug/L
MW004	1502	12/01/92	001	12/10/92	12/11/92	GW	MW09	MET	CALCIUM	96400.00		ug/L
MW004	1502	12/01/92	001	12/10/92	12/11/92	GW	MW09	MET	COPPER	13.40		ug/L
MW004	1502	12/01/92	001	12/10/92	12/11/92	GW	MW09	MET	IRON	43.90	J	ug/L
MW004	1502	12/01/92	001	12/10/92	12/11/92	GW	MW09	MET	MAGNESIUM	24100.00		ug/L
MW004	1502	12/01/92	001	12/10/92	12/11/92	GW	MW09	MET	MANGANESE	152.00		ug/L
MW004	1502	12/01/92	001	12/10/92	12/11/92	GW	MW09	MET	POTASSIUM	16000.00		ug/L
MW004	1502	12/01/92	001	12/10/92	12/11/92	GW	MW09	MET	SODIUM	371000.00		ug/L
MW004	1502	12/01/92	001	12/10/92	12/11/92	GW	MW09	MET	VANADIUM	17.90		ug/L
MW004	1502	12/01/92	001	12/10/92	12/11/92	GW	MW09	MET	ZINC	13.80		ug/L
MW004	1502	12/01/92	001	/ /	12/03/92	GW	VBLKSH	VOL	METHYLENE CHLORIDE	4.00	BR	ug/L
MW005	1503	12/01/92	001	12/03/92	12/07/92	GW	SBLK78	BNA	1,2-DICHLOROBENZENE	1.00		ug/L
MW005	1503	12/01/92	001	12/03/92	12/07/92	GW	SBLK78	BNA	2,4-DIMETHYLPHENOL	2.00		ug/L
MW005	1503	12/01/92	001	12/03/92	12/07/92	GW	SBLK78	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	4.00	BR	ug/L

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 4

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
MW005	1503	12/01/92	001	12/03/92	12/07/92	GW	SBLK78	BNA	DI-N-BUTYLPHTHALATE	4.00	BR	ug/L
MW005	1503	12/01/92	001	12/03/92	12/07/92	GW	SBLK78	BNA	NAPHTHALENE	8.00		ug/L
MW005	1503	12/01/92	001	12/10/92	12/11/92	GW	MW9	MET	ALUMINUM	449.00		ug/L
MW005	1503	12/01/92	001	12/10/92	12/11/92	GW	MW9	MET	ARSENIC	58.60	J	ug/L
MW005	1503	12/01/92	001	12/10/92	12/11/92	GW	MW9	MET	BARIUM	397.00		ug/L
MW005	1503	12/01/92	001	12/10/92	12/11/92	GW	MW9	MET	CALCIUM	83200.00		ug/L
MW005	1503	12/01/92	001	12/10/92	12/11/92	GW	MW9	MET	COBALT	15.30		ug/L
MW005	1503	12/01/92	001	12/10/92	12/11/92	GW	MW9	MET	COPPER	109.00		ug/L
MW005	1503	12/01/92	001	12/10/92	12/11/92	GW	MW9	MET	IRON	34.30	J	ug/L
MW005	1503	12/01/92	001	12/10/92	12/11/92	GW	MW9	MET	MAGNESIUM	22900.00		ug/L
MW005	1503	12/01/92	001	12/10/92	12/11/92	GW	MW9	MET	MANGANESE	4660.00		ug/L
MW005	1503	12/01/92	001	12/10/92	12/11/92	GW	MW9	MET	NICKEL	11.60		ug/L
MW005	1503	12/01/92	001	12/10/92	12/11/92	GW	MW9	MET	POTASSIUM	17200.00		ug/L
MW005	1503	12/01/92	001	12/10/92	12/11/92	GW	MW9	MET	SODIUM	371000.00		ug/L
MW005	1503	12/01/92	001	12/10/92	12/11/92	GW	MW9	MET	VANADIUM	6.20		ug/L
MW005	1503	12/01/92	001	12/10/92	12/11/92	GW	MW9	MET	ZINC	22.60		ug/L
MW005	1503	12/01/92	001	12/08/92	12/08/92	GW	VIBLKTPHPW05	PHC	GAS	1.20		mg/L
MW005	1503	12/01/92	001	/ /	12/03/92	GW	VBLKSH	VOL	BENZENE	18.00		ug/L
MW005	1503	12/01/92	001	/ /	12/03/92	GW	VBLKSH	VOL	ETHYLBENZENE	17.00		ug/L
MW005	1503	12/01/92	001	/ /	12/03/92	GW	VBLKSH	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
MW005	1503	12/01/92	001	/ /	12/03/92	GW	VBLKSH	VOL	TOLUENE	24.00		ug/L
MW005	1503	12/01/92	001	/ /	12/03/92	GW	VBLKSH	VOL	TRICHLOROETHENE	20.00		ug/L
MW005	1503	12/01/92	001	/ /	12/03/92	GW	VBLKSH	VOL	XYLENES (TOTAL)	210.00		ug/L
MW005	1504	12/01/92	002	12/03/92	12/07/92	WR	SBLK78	BNA	1,2-DICHLOROBENZENE	2.00		ug/L
MW005	1504	12/01/92	002	12/03/92	12/07/92	WR	SBLK78	BNA	2,4-DIMETHYLPHENOL	1.00		ug/L
MW005	1504	12/01/92	002	12/03/92	12/07/92	WR	SBLK78	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	58.00	J	ug/L
MW005	1504	12/01/92	002	12/03/92	12/07/92	WR	SBLK78	BNA	DI-N-BUTYLPHTHALATE	6.00	BR	ug/L
MW005	1504	12/01/92	002	12/03/92	12/07/92	WR	SBLK78	BNA	NAPHTHALENE	6.00		ug/L
MW005	1504	12/01/92	002	12/10/92	12/11/92	WR	MW9	MET	ALUMINUM	498.00		ug/L
MW005	1504	12/01/92	002	12/10/92	12/11/92	WR	MW9	MET	ARSENIC	57.10	J	ug/L

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Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 4

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
MW005	1504	12/01/92	002	12/10/92	12/11/92	WR	M09	MET	BARIUM	363.00		ug/L
MW005	1504	12/01/92	002	12/10/92	12/11/92	WR	M09	MET	CALCIUM	82100.00		ug/L
MW005	1504	12/01/92	002	12/10/92	12/11/92	WR	M09	MET	COBALT	13.90		ug/L
MW005	1504	12/01/92	002	12/10/92	12/11/92	WR	M09	MET	COPPER	104.00		ug/L
MW005	1504	12/01/92	002	12/10/92	12/11/92	WR	M09	MET	MAGNESIUM	22600.00		ug/L
MW005	1504	12/01/92	002	12/10/92	12/11/92	WR	M09	MET	MANGANESE	4080.00		ug/L
MW005	1504	12/01/92	002	12/10/92	12/11/92	WR	M09	MET	NICKEL	12.80		ug/L
MW005	1504	12/01/92	002	12/10/92	12/11/92	WR	M09	MET	POTASSIUM	15700.00		ug/L
MW005	1504	12/01/92	002	12/10/92	12/11/92	WR	M09	MET	SODIUM	361000.00		ug/L
MW005	1504	12/01/92	002	12/10/92	12/11/92	WR	M09	MET	ZINC	6.90		ug/L
MW005	1504	12/01/92	002	12/08/92	12/08/92	WR	VIBLKTPHPW05	PHC	GAS	0.74		mg/L
MW005	1504	12/01/92	002	/ /	12/07/92	WR	VBLKCR	VOL	BENZENE	17.00		ug/L
MW005	1504	12/01/92	002	/ /	12/07/92	WR	VBLKCR	VOL	ETHYLBENZENE	12.00		ug/L
MW005	1504	12/01/92	002	/ /	12/07/92	WR	VBLKCR	VOL	METHYLENE CHLORIDE	4.00	BR	ug/L
MW005	1504	12/01/92	002	/ /	12/07/92	WR	VBLKCR	VOL	TOLUENE	21.00		ug/L
MW005	1504	12/01/92	002	/ /	12/07/92	WR	VBLKCR	VOL	TRICHLOROETHENE	14.00		ug/L
MW005	1504	12/01/92	002	/ /	12/07/92	WR	VBLKCR	VOL	XYLENES (TOTAL)	200.00		ug/L
MW004	1549	03/03/93	001	03/04/93	03/08/93	GW	SBLK27	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	3.00	BR	ug/L
MW004	1549	03/03/93	001	03/09/93	03/11/93	GW	MET01	MET	ALUMINUM	248.00	BR	ug/L
MW004	1549	03/03/93	001	03/09/93	03/11/93	GW	MET01	MET	ARSENIC	73.00	J	ug/L
MW004	1549	03/03/93	001	03/09/93	03/11/93	GW	MET01	MET	BARIUM	68.70		ug/L
MW004	1549	03/03/93	001	03/09/93	03/11/93	GW	MET01	MET	CALCIUM	90900.00		ug/L
MW004	1549	03/03/93	001	03/09/93	03/11/93	GW	MET01	MET	COPPER	12.90		ug/L
MW004	1549	03/03/93	001	03/09/93	03/11/93	GW	MET01	MET	IRON	77.50	BR	ug/L
MW004	1549	03/03/93	001	03/09/93	03/11/93	GW	MET01	MET	MAGNESIUM	23800.00		ug/L
MW004	1549	03/03/93	001	03/09/93	03/11/93	GW	MET01	MET	MANGANESE	100.00		ug/L
MW004	1549	03/03/93	001	03/09/93	03/11/93	GW	MET01	MET	POTASSIUM	15100.00		ug/L
MW004	1549	03/03/93	001	03/09/93	03/11/93	GW	MET01	MET	SODIUM	368000.00		ug/L
MW004	1549	03/03/93	001	03/09/93	03/11/93	GW	MET01	MET	VANADIUM	17.50		ug/L
MW004	1549	03/03/93	001	/ /	03/07/93	GW	VBLKC8	VOL	ACETONE	2.00	J	ug/L

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 4

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
MW004	1549	03/03/93	001	/ /	03/07/93	GW	VBLKC8	VOL	METHYLENE CHLORIDE	3.00		ug/L
MW003	1550	03/03/93	001	03/04/93	03/08/93	GW	SBLK27	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	2.00	BR	ug/L
MW003	1550	03/03/93	001	03/09/93	03/23/93	GW	MET01	MET	ALUMINUM	84.50	BR	ug/L
MW003	1550	03/03/93	001	03/09/93	03/23/93	GW	MET01	MET	ARSENIC	121.00	J	ug/L
MW003	1550	03/03/93	001	03/09/93	03/23/93	GW	MET01	MET	BARIUM	79.00		ug/L
MW003	1550	03/03/93	001	03/09/93	03/23/93	GW	MET01	MET	CALCIUM	88700.00		ug/L
MW003	1550	03/03/93	001	03/09/93	03/23/93	GW	MET01	MET	COPPER	15.80		ug/L
MW003	1550	03/03/93	001	03/09/93	03/23/93	GW	MET01	MET	IRON	21.40	BR	ug/L
MW003	1550	03/03/93	001	03/09/93	03/23/93	GW	MET01	MET	MAGNESIUM	26500.00		ug/L
MW003	1550	03/03/93	001	03/09/93	03/23/93	GW	MET01	MET	MANGANESE	448.00		ug/L
MW003	1550	03/03/93	001	03/09/93	03/23/93	GW	MET01	MET	POTASSIUM	14200.00		ug/L
MW003	1550	03/03/93	001	03/09/93	03/23/93	GW	MET01	MET	SELENIUM	4.80		ug/L
MW003	1550	03/03/93	001	03/09/93	03/23/93	GW	MET01	MET	SODIUM	421000.00		ug/L
MW003	1550	03/03/93	001	03/09/93	03/23/93	GW	MET01	MET	VANADIUM	9.00		ug/L
MW003	1550	03/03/93	001	03/09/93	03/23/93	GW	MET01	MET	ZINC	7.50	BR	ug/L
MW003	1550	03/03/93	001	/ /	03/07/93	GW	VBLKC8	VOL	METHYLENE CHLORIDE	1.00		ug/L
MW005	1551	03/03/93	001	03/04/93	03/08/93	GW	SBLK27	BNA	1,2-DICHLOROBENZENE	5.00		ug/L
MW005	1551	03/03/93	001	03/04/93	03/08/93	GW	SBLK27	BNA	1,3-DICHLOROBENZENE	2.00		ug/L
MW005	1551	03/03/93	001	03/04/93	03/08/93	GW	SBLK27	BNA	1,4-DICHLOROBENZENE	2.00		ug/L
MW005	1551	03/03/93	001	03/04/93	03/08/93	GW	SBLK27	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	5.00	BR	ug/L
MW005	1551	03/03/93	001	03/04/93	03/08/93	GW	SBLK27	BNA	DI-N-BUTYLPHTHALATE	1.00		ug/L
MW005	1551	03/03/93	001	03/04/93	03/08/93	GW	SBLK27	BNA	NAPHTHALENE	9.00		ug/L
MW005	1551	03/03/93	001	03/09/93	03/23/93	GW	MET01	MET	ALUMINUM	127.00	BR	ug/L
MW005	1551	03/03/93	001	03/09/93	03/23/93	GW	MET01	MET	ARSENIC	116.00	J	ug/L
MW005	1551	03/03/93	001	03/09/93	03/23/93	GW	MET01	MET	BARIUM	237.00		ug/L
MW005	1551	03/03/93	001	03/09/93	03/23/93	GW	MET01	MET	CALCIUM	72500.00		ug/L
MW005	1551	03/03/93	001	03/09/93	03/23/93	GW	MET01	MET	COPPER	12.40		ug/L
MW005	1551	03/03/93	001	03/09/93	03/23/93	GW	MET01	MET	IRON	51.50	BR	ug/L
MW005	1551	03/03/93	001	03/09/93	03/23/93	GW	MET01	MET	MAGNESIUM	18900.00		ug/L
MW005	1551	03/03/93	001	03/09/93	03/23/93	GW	MET01	MET	MANGANESE	845.00		ug/L

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 4

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
MW005	1551	03/03/93	001	03/09/93	03/23/93	GW	MET01	MET	MERCURY	0.21	J	ug/L
MW005	1551	03/03/93	001	03/09/93	03/23/93	GW	MET01	MET	POTASSIUM	15700.00		ug/L
MW005	1551	03/03/93	001	03/09/93	03/23/93	GW	MET01	MET	SELENIUM	5.50		ug/L
MW005	1551	03/03/93	001	03/09/93	03/23/93	GW	MET01	MET	SODIUM	285000.00		ug/L
MW005	1551	03/03/93	001	03/09/93	03/23/93	GW	MET01	MET	VANADIUM	11.30		ug/L
MW005	1551	03/03/93	001	/ /	03/09/93	GW	VIBLKTPHW02	PHC	TPH BY GAS STD	2.40		mg/L
MW005	1551	03/03/93	001	/ /	03/08/93	GW	VBLKC8	VOL	BENZENE	24.00		ug/L
MW005	1551	03/03/93	001	/ /	03/08/93	GW	VBLKC8	VOL	ETHYLBENZENE	27.00		ug/L
MW005	1551	03/03/93	001	/ /	03/08/93	GW	VBLKC8	VOL	TOLUENE	37.00		ug/L
MW005	1551	03/03/93	001	/ /	03/08/93	GW	VBLKC8	VOL	TRICHLOROETHENE	8.00		ug/L
MW005	1551	03/03/93	001	/ /	03/08/93	GW	VBLKC8	VOL	XYLENES (TOTAL)	450.00		ug/L
MW005	1552	03/03/93	002	03/04/93	03/09/93	WR	SBLK27	BNA	1,2-DICHLOROBENZENE	11.00		ug/L
MW005	1552	03/03/93	002	03/04/93	03/09/93	WR	SBLK27	BNA	1,3-DICHLOROBENZENE	3.00		ug/L
MW005	1552	03/03/93	002	03/04/93	03/09/93	WR	SBLK27	BNA	1,4-DICHLOROBENZENE	4.00		ug/L
MW005	1552	03/03/93	002	03/04/93	03/09/93	WR	SBLK27	BNA	2-METHYLNAPHTHALENE	2.00		ug/L
MW005	1552	03/03/93	002	03/04/93	03/09/93	WR	SBLK27	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	7.00	BR	ug/L
MW005	1552	03/03/93	002	03/04/93	03/09/93	WR	SBLK27	BNA	BUTYLBENZYLPHTHALATE	2.00		ug/L
MW005	1552	03/03/93	002	03/04/93	03/09/93	WR	SBLK27	BNA	DI-N-BUTYLPHTHALATE	2.00		ug/L
MW005	1552	03/03/93	002	03/04/93	03/09/93	WR	SBLK27	BNA	NAPHTHALENE	17.00		ug/L
MW005	1552	03/03/93	002	03/09/93	03/14/93	WR	MET01	MET	ALUMINUM	97.60	BR	ug/L
MW005	1552	03/03/93	002	03/09/93	03/14/93	WR	MET01	MET	ARSENIC	116.00	J	ug/L
MW005	1552	03/03/93	002	03/09/93	03/14/93	WR	MET01	MET	BARIUM	218.00		ug/L
MW005	1552	03/03/93	002	03/09/93	03/14/93	WR	MET01	MET	CALCIUM	64600.00		ug/L
MW005	1552	03/03/93	002	03/09/93	03/14/93	WR	MET01	MET	COPPER	15.30		ug/L
MW005	1552	03/03/93	002	03/09/93	03/14/93	WR	MET01	MET	IRON	25.60	BR	ug/L
MW005	1552	03/03/93	002	03/09/93	03/14/93	WR	MET01	MET	MAGNESIUM	16300.00		ug/L
MW005	1552	03/03/93	002	03/09/93	03/14/93	WR	MET01	MET	MANGANESE	814.00		ug/L
MW005	1552	03/03/93	002	03/09/93	03/14/93	WR	MET01	MET	POTASSIUM	14700.00		ug/L
MW005	1552	03/03/93	002	03/09/93	03/14/93	WR	MET01	MET	SODIUM	254000.00		ug/L
MW005	1552	03/03/93	002	03/09/93	03/14/93	WR	MET01	MET	VANADIUM	10.60		ug/L

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 4

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
MW005	1552	03/03/93	002	/ /	03/09/93	WR	VIBLKTPHW02	PHC	TPH BY GAS STD	2.60		ug/L
MW005	1552	03/03/93	002	/ /	03/07/93	WR	VBLKC8	VOL	BENZENE	23.00		ug/L
MW005	1552	03/03/93	002	/ /	03/07/93	WR	VBLKC8	VOL	ETHYLBENZENE	24.00		ug/L
MW005	1552	03/03/93	002	/ /	03/07/93	WR	VBLKC8	VOL	TOLUENE	33.00		ug/L
MW005	1552	03/03/93	002	/ /	03/07/93	WR	VBLKC8	VOL	TRICHLOROETHENE	9.00		ug/L
MW005	1552	03/03/93	002	/ /	03/07/93	WR	VBLKC8	VOL	XYLENES (TOTAL)	450.00		ug/L

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 5

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH006	1035	12/04/92	002	12/10/92	12/14/92	SO	SBLK12	BNA	BENZO(A)ANTHRACENE	52.00	J	ug/kg
BH006	1035	12/04/92	002	12/10/92	12/14/92	SO	SBLK12	BNA	BENZO(A)PYRENE	52.00	J	ug/kg
BH006	1035	12/04/92	002	12/10/92	12/14/92	SO	SBLK12	BNA	BENZO(B)FLUORANTHENE	96.00	J	ug/kg
BH006	1035	12/04/92	002	12/10/92	12/14/92	SO	SBLK12	BNA	BENZO(G,H,I)PERYLENE	88.00	J	ug/kg
BH006	1035	12/04/92	002	12/10/92	12/14/92	SO	SBLK12	BNA	BENZO(K)FLUORANTHENE	96.00	J	ug/kg
BH006	1035	12/04/92	002	12/10/92	12/14/92	SO	SBLK12	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	62.00	J	ug/kg
BH006	1035	12/04/92	002	12/10/92	12/14/92	SO	SBLK12	BNA	CHRYSENE	48.00	J	ug/kg
BH006	1035	12/04/92	002	12/10/92	12/14/92	SO	SBLK12	BNA	FLUORANTHENE	94.00	J	ug/kg
BH006	1035	12/04/92	002	12/10/92	12/14/92	SO	SBLK12	BNA	INDENO(1,2,3-CD)PYRENE	39.00	J	ug/kg
BH006	1035	12/04/92	002	12/10/92	12/14/92	SO	SBLK12	BNA	PHENANTHRENE	58.00	J	ug/kg
BH006	1035	12/04/92	002	12/10/92	12/14/92	SO	SBLK12	BNA	PYRENE	73.00	J	ug/kg
BH006	1035	12/04/92	002	12/12/92	12/15/92	SO	MO4	MET	ALUMINUM	19600.00		mg/kg
BH006	1035	12/04/92	002	12/12/92	12/15/92	SO	MO4	MET	ARSENIC	20.50		mg/kg
BH006	1035	12/04/92	002	12/12/92	12/15/92	SO	MO4	MET	BARIUM	150.00		mg/kg
BH006	1035	12/04/92	002	12/12/92	12/15/92	SO	MO4	MET	CALCIUM	24600.00		mg/kg
BH006	1035	12/04/92	002	12/12/92	12/15/92	SO	MO4	MET	CHROMIUM	9.80		mg/kg
BH006	1035	12/04/92	002	12/12/92	12/15/92	SO	MO4	MET	COBALT	8.30		mg/kg
BH006	1035	12/04/92	002	12/12/92	12/15/92	SO	MO4	MET	COPPER	23.80		mg/kg
BH006	1035	12/04/92	002	12/12/92	12/15/92	SO	MO4	MET	IRON	18800.00		mg/kg
BH006	1035	12/04/92	002	12/12/92	12/15/92	SO	MO4	MET	LEAD	13.20		mg/kg
BH006	1035	12/04/92	002	12/12/92	12/15/92	SO	MO4	MET	MAGNESIUM	10900.00		mg/kg
BH006	1035	12/04/92	002	12/12/92	12/15/92	SO	MO4	MET	MANGANESE	452.00		mg/kg
BH006	1035	12/04/92	002	12/12/92	12/15/92	SO	MO4	MET	NICKEL	10.60		mg/kg
BH006	1035	12/04/92	002	12/12/92	12/15/92	SO	MO4	MET	POTASSIUM	3160.00		mg/kg
BH006	1035	12/04/92	002	12/12/92	12/15/92	SO	MO4	MET	SODIUM	1620.00	J	mg/kg
BH006	1035	12/04/92	002	12/12/92	12/15/92	SO	MO4	MET	VANADIUM	50.80		mg/kg
BH006	1035	12/04/92	002	12/12/92	12/15/92	SO	MO4	MET	ZINC	54.90		mg/kg
BH006	1035	12/04/92	002	/ /	12/09/92	SO	VBLKK5	VOL	ACETONE	14.00	BR	ug/kg
BH006	1035	12/04/92	002	/ /	12/09/92	SO	VBLKK5	VOL	METHYLENE CHLORIDE	16.00	BR	ug/kg
BH006	1036	12/04/92	004	12/11/92	12/13/92	SO	SBLK21	BNA	BENZO(A)ANTHRACENE	41.00	J	ug/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 5

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH006	1036	12/04/92	004	12/11/92	12/13/92	SO	SBLK21	BNA	BENZO(B)FLUORANTHENE	63.00	J	ug/kg
BH006	1036	12/04/92	004	12/11/92	12/13/92	SO	SBLK21	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	180.00	J	ug/kg
BH006	1036	12/04/92	004	12/11/92	12/13/92	SO	SBLK21	BNA	CHRYSENE	40.00	J	ug/kg
BH006	1036	12/04/92	004	12/11/92	12/13/92	SO	SBLK21	BNA	DI-N-BUTYLPHTHALATE	110.00	BR	ug/kg
BH006	1036	12/04/92	004	12/11/92	12/13/92	SO	SBLK21	BNA	FLUORANTHENE	41.00	J	ug/kg
BH006	1036	12/04/92	004	12/11/92	12/13/92	SO	SBLK21	BNA	PYRENE	70.00	J	ug/kg
BH006	1036	12/04/92	004	12/12/92	12/15/92	SO	M04	MET	ALUMINUM	20900.00		mg/kg
BH006	1036	12/04/92	004	12/12/92	12/15/92	SO	M04	MET	ARSENIC	24.70		mg/kg
BH006	1036	12/04/92	004	12/12/92	12/15/92	SO	M04	MET	BARIUM	159.00		mg/kg
BH006	1036	12/04/92	004	12/12/92	12/15/92	SO	M04	MET	CALCIUM	24800.00		mg/kg
BH006	1036	12/04/92	004	12/12/92	12/15/92	SO	M04	MET	CHROMIUM	12.90		mg/kg
BH006	1036	12/04/92	004	12/12/92	12/15/92	SO	M04	MET	COBALT	9.60		mg/kg
BH006	1036	12/04/92	004	12/12/92	12/15/92	SO	M04	MET	COPPER	21.70		mg/kg
BH006	1036	12/04/92	004	12/12/92	12/15/92	SO	M04	MET	IRON	20300.00		mg/kg
BH006	1036	12/04/92	004	12/12/92	12/15/92	SO	M04	MET	LEAD	13.60		mg/kg
BH006	1036	12/04/92	004	12/12/92	12/15/92	SO	M04	MET	MAGNESIUM	10700.00		mg/kg
BH006	1036	12/04/92	004	12/12/92	12/15/92	SO	M04	MET	MANGANESE	449.00		mg/kg
BH006	1036	12/04/92	004	12/12/92	12/15/92	SO	M04	MET	MERCURY	0.14	J	mg/kg
BH006	1036	12/04/92	004	12/12/92	12/15/92	SO	M04	MET	NICKEL	17.80		mg/kg
BH006	1036	12/04/92	004	12/12/92	12/15/92	SO	M04	MET	POTASSIUM	3040.00		mg/kg
BH006	1036	12/04/92	004	12/12/92	12/15/92	SO	M04	MET	SODIUM	1670.00	J	mg/kg
BH006	1036	12/04/92	004	12/12/92	12/15/92	SO	M04	MET	VANADIUM	54.60		mg/kg
BH006	1036	12/04/92	004	12/12/92	12/15/92	SO	M04	MET	ZINC	59.70		mg/kg
BH006	1036	12/04/92	004	/ /	12/08/92	SO	VBLKK5	VOL	METHYLENE CHLORIDE	8.00	BR	ug/kg
BH006	1037	12/04/92	006	12/11/92	12/13/92	SO	SBLK21	BNA	2-METHYLNAPHTHALENE	3300.00		ug/kg
BH006	1037	12/04/92	006	12/11/92	12/13/92	SO	SBLK21	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	500.00	J	ug/kg
BH006	1037	12/04/92	006	12/11/92	12/13/92	SO	SBLK21	BNA	DI-N-BUTYLPHTHALATE	120.00	BR	ug/kg
BH006	1037	12/04/92	006	12/11/92	12/13/92	SO	SBLK21	BNA	FLUORANTHENE	96.00	J	ug/kg
BH006	1037	12/04/92	006	12/11/92	12/13/92	SO	SBLK21	BNA	FLUORENE	110.00	J	ug/kg
BH006	1037	12/04/92	006	12/11/92	12/13/92	SO	SBLK21	BNA	NAPHTHALENE	2400.00		ug/kg

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Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 5

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH006	1037	12/04/92	006	12/11/92	12/13/92	SO	SBLK21	BNA	PYRENE	68.00	J	ug/kg
BH006	1037DL	12/04/92	006	12/11/92	12/15/92	SO	SBLK21	BNA	2-METHYLNAPHTHALENE	3500.00		ug/kg
BH006	1037DL	12/04/92	006	12/11/92	12/15/92	SO	SBLK21	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	640.00	J	ug/kg
BH006	1037DL	12/04/92	006	12/11/92	12/15/92	SO	SBLK21	BNA	DI-N-BUTYLPHTHALATE	150.00	BR	ug/kg
BH006	1037DL	12/04/92	006	12/11/92	12/15/92	SO	SBLK21	BNA	FLUORENE	140.00	J	ug/kg
BH006	1037DL	12/04/92	006	12/11/92	/15/92	SO	SBLK21	BNA	NAPHTHALENE	2600.00		ug/kg
BH006	1037	12/04/92	006	/ /	12/17/92	SO	M04	MET	ALUMINUM	11700.00		mg/kg
BH006	1037	12/04/92	006	/ /	12/17/92	SO	M04	MET	ARSENIC	10.40		mg/kg
BH006	1037	12/04/92	006	/ /	12/17/92	SO	M04	MET	BARIUM	64.00		mg/kg
BH006	1037	12/04/92	006	/ /	12/17/92	SO	M04	MET	CALCIUM	5390.00		mg/kg
BH006	1037	12/04/92	006	/ /	12/17/92	SO	M04	MET	CHROMIUM	15.70		mg/kg
BH006	1037	12/04/92	006	/ /	12/17/92	SO	M04	MET	COBALT	11.60		mg/kg
BH006	1037	12/04/92	006	/ /	12/17/92	SO	M04	MET	COPPER	15.40		mg/kg
BH006	1037	12/04/92	006	/ /	12/17/92	SO	M04	MET	IRON	20500.00		mg/kg
BH006	1037	12/04/92	006	/ /	12/17/92	SO	M04	MET	LEAD	3.30		mg/kg
BH006	1037	12/04/92	006	/ /	12/17/92	SO	M04	MET	MAGNESIUM	3490.00		mg/kg
BH006	1037	12/04/92	006	/ /	12/17/92	SO	M04	MET	MANGANESE	162.00		mg/kg
BH006	1037	12/04/92	006	/ /	12/17/92	SO	M04	MET	MERCURY	0.10	J	mg/kg
BH006	1037	12/04/92	006	/ /	12/17/92	SO	M04	MET	NICKEL	13.50		mg/kg
BH006	1037	12/04/92	006	/ /	12/17/92	SO	M04	MET	SODIUM	1090.00	J	mg/kg
BH006	1037	12/04/92	006	/ /	12/17/92	SO	M04	MET	VANADIUM	73.80		mg/kg
BH006	1037	12/04/92	006	/ /	12/17/92	SO	M04	MET	ZINC	44.70		mg/kg
BH006	1037RE	12/04/92	006	/ /	12/17/92	SO	VBLK3L	PHC	GAS	2166.45		mg/kg
BH006	1037	12/04/92	006	/ /	12/10/92	SO	VBLKP1	VOL	ACETONE	1900.00	J	ug/kg
BH006	1037	12/04/92	006	/ /	12/10/92	SO	VBLKP1	VOL	ETHYLBENZENE	1800.00	J	ug/kg
BH006	1037	12/04/92	006	/ /	12/10/92	SO	VBLKP1	VOL	METHYLENE CHLORIDE	4200.00	J	ug/kg
BH006	1037	12/04/92	006	/ /	12/10/92	SO	VBLKP1	VOL	XYLENES (TOTAL)	9700.00		ug/kg
BH007	1038	12/04/92	002	12/11/92	12/13/92	SO	SBLK21	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	250.00	J	ug/kg
BH007	1038	12/04/92	002	12/11/92	12/13/92	SO	SBLK21	BNA	DI-N-BUTYLPHTHALATE	110.00	BR	ug/kg
BH007	1038	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	ALUMINUM	25000.00		mg/kg

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Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 5

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH007	1038	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	ARSENIC	24.00		mg/kg
BH007	1038	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	BARIUM	189.00		mg/kg
BH007	1038	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	CALCIUM	4870.00		mg/kg
BH007	1038	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	CHROMIUM	12.60		mg/kg
BH007	1038	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	COBALT	9.30		mg/kg
BH007	1038	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	COPPER	38.70		mg/kg
BH007	1038	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	IRON	24600.00		mg/kg
BH007	1038	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	LEAD	9.80		mg/kg
BH007	1038	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	MAGNESIUM	8900.00		mg/kg
BH007	1038	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	MANGANESE	339.00		mg/kg
BH007	1038	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	MERCURY	1.20	J	mg/kg
BH007	1038	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	NICKEL	19.60		mg/kg
BH007	1038	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	POTASSIUM	3810.00		mg/kg
BH007	1038	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	SODIUM	2720.00	J	mg/kg
BH007	1038	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	VANADIUM	53.60		mg/kg
BH007	1038	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	ZINC	57.80		mg/kg
BH007	1038	12/04/92	002	/ /	12/10/92	SO	VBLKM2	VOL	ACETONE	26.00	BR	ug/kg
BH007	1038	12/04/92	002	/ /	12/10/92	SO	VBLKM2	VOL	CHLOROFORM	1.00	J	ug/kg
BH007	1038	12/04/92	002	/ /	12/10/92	SO	VBLKM2	VOL	METHYLENE CHLORIDE	20.00	BR	ug/kg
BH008	1039	12/04/92	006	12/11/92	12/13/92	SO	SBLK21	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	230.00	J	ug/kg
BH008	1039	12/04/92	006	12/11/92	12/13/92	SO	SBLK21	BNA	DI-N-BUTYLPHTHALATE	120.00	BR	ug/kg
BH008	1039	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	ALUMINUM	23600.00		mg/kg
BH008	1039	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	ARSENIC	73.20		mg/kg
BH008	1039	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	BARIUM	151.00		mg/kg
BH008	1039	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	BERYLLIUM	0.62		mg/kg
BH008	1039	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	CALCIUM	9210.00		mg/kg
BH008	1039	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	CHROMIUM	24.10		mg/kg
BH008	1039	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	COBALT	12.20		mg/kg
BH008	1039	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	COPPER	40.70		mg/kg
BH008	1039	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	IRON	33000.00		mg/kg

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 5

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH008	1039	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	LEAD	6.50		mg/kg
BH008	1039	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	MAGNESIUM	6090.00		mg/kg
BH008	1039	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	MANGANESE	121.00		mg/kg
BH008	1039	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	MERCURY	0.16	J	mg/kg
BH008	1039	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	NICKEL	23.10		mg/kg
BH008	1039	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	SODIUM	1760.00	J	mg/kg
BH008	1039	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	VANADIUM	110.00		mg/kg
BH008	1039	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	ZINC	70.00		mg/kg
BH008	1039	12/04/92	006	/ /	12/08/92	SO	VBLKK5	VOL	ACETONE	14.00	J	ug/kg
BH008	1039	12/04/92	006	/ /	12/08/92	SO	VBLKK5	VOL	METHYLENE CHLORIDE	11.00	BR	ug/kg
BH008	1040	12/04/92	007	12/11/92	12/13/92	SO	SBLK21	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	220.00	J	ug/kg
BH008	1040	12/04/92	007	12/11/92	12/13/92	SO	SBLK21	BNA	DI-N-BUTYLPHTHALATE	100.00	BR	ug/kg
BH008	1040	12/04/92	007	12/12/92	12/15/92	SO	M04	MET	ALUMINUM	13300.00		mg/kg
BH008	1040	12/04/92	007	12/12/92	12/15/92	SO	M04	MET	ARSENIC	14.90		mg/kg
BH008	1040	12/04/92	007	12/12/92	12/15/92	SO	M04	MET	BARIUM	86.20		mg/kg
BH008	1040	12/04/92	007	12/12/92	12/15/92	SO	M04	MET	CALCIUM	5560.00		mg/kg
BH008	1040	12/04/92	007	12/12/92	12/15/92	SO	M04	MET	CHROMIUM	13.50		mg/kg
BH008	1040	12/04/92	007	12/12/92	12/15/92	SO	M04	MET	COBALT	7.90		mg/kg
BH008	1040	12/04/92	007	12/12/92	12/15/92	SO	M04	MET	COPPER	14.50		mg/kg
BH008	1040	12/04/92	007	12/12/92	12/15/92	SO	M04	MET	IRON	21000.00		mg/kg
BH008	1040	12/04/92	007	12/12/92	12/15/92	SO	M04	MET	LEAD	5.40		mg/kg
BH008	1040	12/04/92	007	12/12/92	12/15/92	SO	M04	MET	MAGNESIUM	3450.00		mg/kg
BH008	1040	12/04/92	007	12/12/92	12/15/92	SO	M04	MET	MANGANESE	323.00		mg/kg
BH008	1040	12/04/92	007	12/12/92	12/15/92	SO	M04	MET	MERCURY	0.13	J	mg/kg
BH008	1040	12/04/92	007	12/12/92	12/15/92	SO	M04	MET	NICKEL	17.80		mg/kg
BH008	1040	12/04/92	007	12/12/92	12/15/92	SO	M04	MET	SODIUM	1060.00	J	mg/kg
BH008	1040	12/04/92	007	12/12/92	12/15/92	SO	M04	MET	VANADIUM	66.90		mg/kg
BH008	1040	12/04/92	007	12/12/92	12/15/92	SO	M04	MET	ZINC	41.00		mg/kg
BH008	1040	12/04/92	007	/ /	12/08/92	SO	VBLKK5	VOL	ACETONE	12.00	J	ug/kg
BH008	1040	12/04/92	007	/ /	12/08/92	SO	VBLKK5	VOL	METHYLENE CHLORIDE	8.00	BR	ug/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 5

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH009	1041	12/04/92	002	12/11/92	12/13/92	SO	SBLK21	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	190.00	J	ug/kg
BH009	1041	12/04/92	002	12/11/92	12/13/92	SO	SBLK21	BNA	DI-N-BUTYLPHTHALATE	110.00	BR	ug/kg
BH009	1041	12/04/92	002	12/12/92	12/15/92	SO	MO4	MET	ALUMINUM	31200.00		mg/kg
BH009	1041	12/04/92	002	12/12/92	12/15/92	SO	MO4	MET	ARSENIC	21.50		mg/kg
BH009	1041	12/04/92	002	12/12/92	12/15/92	SO	MO4	MET	BARIUM	227.00		mg/kg
BH009	1041	12/04/92	002	12/12/92	12/15/92	SO	MO4	MET	CALCIUM	4680.00		mg/kg
BH009	1041	12/04/92	002	12/12/92	12/15/92	SO	MO4	MET	CHROMIUM	17.60		mg/kg
BH009	1041	12/04/92	002	12/12/92	12/15/92	SO	MO4	MET	COBALT	11.40		mg/kg
BH009	1041	12/04/92	002	12/12/92	12/15/92	SO	MO4	MET	COPPER	23.90		mg/kg
BH009	1041	12/04/92	002	12/12/92	12/15/92	SO	MO4	MET	IRON	27300.00		mg/kg
BH009	1041	12/04/92	002	12/12/92	12/15/92	SO	MO4	MET	LEAD	8.10		mg/kg
BH009	1041	12/04/92	002	12/12/92	12/15/92	SO	MO4	MET	MAGNESIUM	8090.00		mg/kg
BH009	1041	12/04/92	002	12/12/92	12/15/92	SO	MO4	MET	MANGANESE	317.00		mg/kg
BH009	1041	12/04/92	002	12/12/92	12/15/92	SO	MO4	MET	NICKEL	15.10		mg/kg
BH009	1041	12/04/92	002	12/12/92	12/15/92	SO	MO4	MET	POTASSIUM	3750.00		mg/kg
BH009	1041	12/04/92	002	12/12/92	12/15/92	SO	MO4	MET	SODIUM	3760.00	J	mg/kg
BH009	1041	12/04/92	002	12/12/92	12/15/92	SO	MO4	MET	VANADIUM	67.40		mg/kg
BH009	1041	12/04/92	002	12/12/92	12/15/92	SO	MO4	MET	ZINC	57.30		mg/kg
BH009	1041	12/04/92	002	/ /	12/08/92	SO	VBLKK5	VOL	METHYLENE CHLORIDE	7.00	BR	ug/kg
BH009	1042	12/04/92	006	12/11/92	12/13/92	SO	SBLK21	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	210.00	J	ug/kg
BH009	1042	12/04/92	006	12/12/92	12/15/92	SO	MO4	MET	ALUMINUM	17700.00		mg/kg
BH009	1042	12/04/92	006	12/12/92	12/15/92	SO	MO4	MET	ARSENIC	14.40		mg/kg
BH009	1042	12/04/92	006	12/12/92	12/15/92	SO	MO4	MET	BARIUM	142.00		mg/kg
BH009	1042	12/04/92	006	12/12/92	12/15/92	SO	MO4	MET	CALCIUM	7550.00		mg/kg
BH009	1042	12/04/92	006	12/12/92	12/15/92	SO	MO4	MET	CHROMIUM	20.70		mg/kg
BH009	1042	12/04/92	006	12/12/92	12/15/92	SO	MO4	MET	COBALT	22.10		mg/kg
BH009	1042	12/04/92	006	12/12/92	12/15/92	SO	MO4	MET	COPPER	25.90		mg/kg
BH009	1042	12/04/92	006	12/12/92	12/15/92	SO	MO4	MET	IRON	26800.00		mg/kg
BH009	1042	12/04/92	006	12/12/92	12/15/92	SO	MO4	MET	LEAD	6.00		mg/kg
BH009	1042	12/04/92	006	12/12/92	12/15/92	SO	MO4	MET	MAGNESIUM	4980.00		mg/kg

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 5

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH009	1042	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	MANGANESE	143.00		mg/kg
BH009	1042	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	NICKEL	25.00		mg/kg
BH009	1042	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	SODIUM	1420.00	J	mg/kg
BH009	1042	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	VANADIUM	83.70		mg/kg
BH009	1042	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	ZINC	56.80		mg/kg
BH009	1042	12/04/92	006	12/15/92	12/17/92	SO	VBLKBC	PHC	GAS	19.00		mg/kg
BH009	1042	12/04/92	006	/ /	12/08/92	SO	VBLKK6	VOL	ACETONE	32.00	BR	ug/kg
BH009	1042	12/04/92	006	/ /	12/08/92	SO	VBLKK6	VOL	METHYLENE CHLORIDE	22.00	BR	ug/kg
BH009	1043	12/04/92	007	12/11/92	12/13/92	SO	SBLK21	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	200.00	J	ug/kg
BH009	1043	12/04/92	007	12/12/92	12/15/92	SO	M04	MET	ALUMINUM	13100.00		mg/kg
BH009	1043	12/04/92	007	12/12/92	12/15/92	SO	M04	MET	ARSENIC	13.70		mg/kg
BH009	1043	12/04/92	007	12/12/92	12/15/92	SO	M04	MET	BARIUM	65.80		mg/kg
BH009	1043	12/04/92	007	12/12/92	12/15/92	SO	M04	MET	CALCIUM	5720.00		mg/kg
BH009	1043	12/04/92	007	12/12/92	12/15/92	SO	M04	MET	CHROMIUM	20.20		mg/kg
BH009	1043	12/04/92	007	12/12/92	12/15/92	SO	M04	MET	COBALT	7.70		mg/kg
BH009	1043	12/04/92	007	12/12/92	12/15/92	SO	M04	MET	COPPER	22.10		mg/kg
BH009	1043	12/04/92	007	12/12/92	12/15/92	SO	M04	MET	IRON	20000.00		mg/kg
BH009	1043	12/04/92	007	12/12/92	12/15/92	SO	M04	MET	LEAD	4.10		mg/kg
BH009	1043	12/04/92	007	12/12/92	12/15/92	SO	M04	MET	MAGNESIUM	3920.00		mg/kg
BH009	1043	12/04/92	007	12/12/92	12/15/92	SO	M04	MET	MANGANESE	122.00		mg/kg
BH009	1043	12/04/92	007	12/12/92	12/15/92	SO	M04	MET	NICKEL	14.80		mg/kg
BH009	1043	12/04/92	007	12/12/92	12/15/92	SO	M04	MET	SODIUM	1210.00	J	mg/kg
BH009	1043	12/04/92	007	12/12/92	12/15/92	SO	M04	MET	VANADIUM	94.00		mg/kg
BH009	1043	12/04/92	007	12/12/92	12/15/92	SO	M04	MET	ZINC	51.60		mg/kg
BH009	1043	12/04/92	007	12/15/92	12/17/92	SO	VBLKBC	PHC	GAS	0.08	J	mg/kg
BH009	1043	12/04/92	007	/ /	12/10/92	SO	VBLKH2	VOL	ACETONE	37.00	BR	ug/kg
BH009	1043	12/04/92	007	/ /	12/10/92	SO	VBLKH2	VOL	CHLOROFORM	2.00	J	ug/kg
BH009	1043	12/04/92	007	/ /	12/10/92	SO	VBLKH2	VOL	METHYLENE CHLORIDE	21.00	BR	ug/kg
BH010	1044	12/04/92	002	12/15/92	12/17/92	SO	SBLK37	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	50.00	BR	ug/kg
BH010	1044	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	ALUMINUM	32500.00		mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 5

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH010	1044	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	ARSENIC	26.60		mg/kg
BH010	1044	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	BARIUM	207.00		mg/kg
BH010	1044	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	CALCIUM	71000.00		mg/kg
BH010	1044	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	CHROMIUM	14.30		mg/kg
BH010	1044	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	COBALT	11.10		mg/kg
BH010	1044	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	COPPER	25.30		mg/kg
BH010	1044	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	IRON	22400.00		mg/kg
BH010	1044	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	LEAD	7.50		mg/kg
BH010	1044	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	MAGNESIUM	21500.00		mg/kg
BH010	1044	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	MANGANESE	443.00		mg/kg
BH010	1044	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	NICKEL	15.70		mg/kg
BH010	1044	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	POTASSIUM	6220.00		mg/kg
BH010	1044	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	SODIUM	7480.00	J	mg/kg
BH010	1044	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	VANADIUM	67.00		mg/kg
BH010	1044	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	ZINC	56.60		mg/kg
BH010	1044RE	12/04/92	002	12/21/92	12/22/92	SO	VBLKA1	PHC	GAS	9.90		mg/kg
BH010	1044	12/04/92	002	/ /	12/10/92	SO	VBLKN2	VOL	ACETONE	28.00	BR	ug/kg
BH010	1044	12/04/92	002	/ /	12/10/92	SO	VBLKN2	VOL	METHYLENE CHLORIDE	19.00	BR	ug/kg
BH010	1045	12/04/92	008	12/11/92	12/13/92	SO	SBLK21	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	260.00	J	ug/kg
BH010	1045	12/04/92	008	12/11/92	12/13/92	SO	SBLK21	BNA	DI-N-BUTYLPHTHALATE	120.00	BR	ug/kg
BH010	1045	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	ALUMINUM	23300.00		mg/kg
BH010	1045	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	ARSENIC	5.60		mg/kg
BH010	1045	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	BARIUM	121.00		mg/kg
BH010	1045	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	CALCIUM	7570.00		mg/kg
BH010	1045	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	CHROMIUM	26.20		mg/kg
BH010	1045	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	COBALT	8.80		mg/kg
BH010	1045	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	COPPER	27.10		mg/kg
BH010	1045	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	IRON	21000.00		mg/kg
BH010	1045	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	LEAD	6.50		mg/kg
BH010	1045	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	MAGNESIUM	4780.00		mg/kg

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 5

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH010	1045	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	MANGANESE	114.00		mg/kg
BH010	1045	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	MERCURY	0.12	J	mg/kg
BH010	1045	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	NICKEL	12.20		mg/kg
BH010	1045	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	SODIUM	1720.00	J	mg/kg
BH010	1045	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	VANADIUM	130.00		mg/kg
BH010	1045	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	ZINC	60.90		mg/kg
BH010	1045	12/04/92	008	/ /	12/08/92	SO	VBLKK6	VOL	ACETONE	15.00	BR	ug/kg
BH010	1045	12/04/92	008	/ /	12/08/92	SO	VBLKK6	VOL	METHYLENE CHLORIDE	21.00	BR	ug/kg
BH010	1046	12/04/92	009	12/11/92	12/13/92	SO	SBLK21	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	250.00	J	ug/kg
BH010	1046	12/04/92	009	12/12/92	12/15/92	SO	M04	MET	ALUMINUM	13500.00		mg/kg
BH010	1046	12/04/92	009	12/12/92	12/15/92	SO	M04	MET	ARSENIC	12.70		mg/kg
BH010	1046	12/04/92	009	12/12/92	12/15/92	SO	M04	MET	BARIUM	74.20		mg/kg
BH010	1046	12/04/92	009	12/12/92	12/15/92	SO	M04	MET	CALCIUM	6030.00		mg/kg
BH010	1046	12/04/92	009	12/12/92	12/15/92	SO	M04	MET	CHROMIUM	18.60		mg/kg
BH010	1046	12/04/92	009	12/12/92	12/15/92	SO	M04	MET	COBALT	10.60		mg/kg
BH010	1046	12/04/92	009	12/12/92	12/15/92	SO	M04	MET	COPPER	26.70		mg/kg
BH010	1046	12/04/92	009	12/12/92	12/15/92	SO	M04	MET	IRON	24400.00		mg/kg
BH010	1046	12/04/92	009	12/12/92	12/15/92	SO	M04	MET	LEAD	5.80		mg/kg
BH010	1046	12/04/92	009	12/12/92	12/15/92	SO	M04	MET	MAGNESIUM	4080.00		mg/kg
BH010	1046	12/04/92	009	12/12/92	12/15/92	SO	M04	MET	MANGANESE	269.00		mg/kg
BH010	1046	12/04/92	009	12/12/92	12/15/92	SO	M04	MET	NICKEL	15.60		mg/kg
BH010	1046	12/04/92	009	12/12/92	12/15/92	SO	M04	MET	SODIUM	1230.00	J	mg/kg
BH010	1046	12/04/92	009	12/12/92	12/15/92	SO	M04	MET	VANADIUM	77.40		mg/kg
BH010	1046	12/04/92	009	12/12/92	12/15/92	SO	M04	MET	ZINC	139.00		mg/kg
BH010	1046	12/04/92	009	12/15/92	12/17/92	SO	VBLKBC	PHC	GAS	0.02	J	mg/kg
BH010	1046	12/04/92	009	/ /	12/08/92	SO	VBLKK6	VOL	ACETONE	20.00	BR	ug/kg
BH010	1046	12/04/92	009	/ /	12/08/92	SO	VBLKK6	VOL	METHYLENE CHLORIDE	19.00	BR	ug/kg
MW019	1507	12/01/92	001	12/03/92	12/07/92	GW	SBLK78	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	3.00	BR	ug/L
MW019	1507	12/01/92	001	12/03/92	12/07/92	GW	SBLK78	BNA	DI-N-BUTYLPHTHALATE	5.00	BR	ug/L
MW019	1507	12/01/92	001	12/10/92	12/11/92	GW	M09	MET	ALUMINUM	351.00		ug/L

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 5

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
MW019	1507	12/01/92	001	12/10/92	12/11/92	GW	MW09	MET	ARSENIC	19.60	J	ug/L
MW019	1507	12/01/92	001	12/10/92	12/11/92	GW	MW09	MET	BARIUM	27.60		ug/L
MW019	1507	12/01/92	001	12/10/92	12/11/92	GW	MW09	MET	CALCIUM	47000.00		ug/L
MW019	1507	12/01/92	001	12/10/92	12/11/92	GW	MW09	MET	COPPER	13.80		ug/L
MW019	1507	12/01/92	001	12/10/92	12/11/92	GW	MW09	MET	MAGNESIUM	10000.00		ug/L
MW019	1507	12/01/92	001	12/10/92	12/11/92	GW	MW09	MET	MANGANESE	90.80		ug/L
MW019	1507	12/01/92	001	12/10/92	12/11/92	GW	MW09	MET	POTASSIUM	9480.00		ug/L
MW019	1507	12/01/92	001	12/10/92	12/11/92	GW	MW09	MET	SODIUM	56500.00		ug/L
MW019	1507	12/01/92	001	12/10/92	12/11/92	GW	MW09	MET	VANADIUM	5.50		ug/L
MW019	1507	12/01/92	001	/ /	12/07/92	GW	VBLKCR	VOL	METHYLENE CHLORIDE	3.00	BR	ug/L
MW017	1520	12/03/92	001	12/07/92	12/09/92	GW	SBLK86	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	2.00	BR	ug/L
MW017	1520	12/03/92	001	12/07/92	12/09/92	GW	SBLK86	BNA	DI-N-BUTYLPHTHALATE	2.00	BR	ug/L
MW017	1520	12/03/92	001	12/10/92	12/11/92	GW	MW09	MET	ALUMINUM	295.00		ug/L
MW017	1520	12/03/92	001	12/10/92	12/11/92	GW	MW09	MET	ARSENIC	58.20	J	ug/L
MW017	1520	12/03/92	001	12/10/92	12/11/92	GW	MW09	MET	BARIUM	83.50		ug/L
MW017	1520	12/03/92	001	12/10/92	12/11/92	GW	MW09	MET	CALCIUM	66000.00		ug/L
MW017	1520	12/03/92	001	12/10/92	12/11/92	GW	MW09	MET	IRON	47.80	J	ug/L
MW017	1520	12/03/92	001	12/10/92	12/11/92	GW	MW09	MET	MAGNESIUM	14300.00		ug/L
MW017	1520	12/03/92	001	12/10/92	12/11/92	GW	MW09	MET	MANGANESE	335.00		ug/L
MW017	1520	12/03/92	001	12/10/92	12/11/92	GW	MW09	MET	POTASSIUM	9310.00		ug/L
MW017	1520	12/03/92	001	12/10/92	12/11/92	GW	MW09	MET	SODIUM	69000.00		ug/L
MW017	1520	12/03/92	001	12/10/92	12/11/92	GW	MW09	MET	ZINC	3.30		ug/L
MW017	1520	12/03/92	001	12/14/92	12/14/92	GW	VIBLKTPHPW09	PHC	GAS	0.10		mg/L
MW017	1520	12/03/92	001	/ /	12/10/92	GW	VBLKWI	VOL	1,2-DICHLOROETHENE (TOTAL)	2.00	J	ug/L
MW017	1520	12/03/92	001	/ /	12/10/92	GW	VBLKWI	VOL	BENZENE	2.00	J	ug/L
MW017	1520	12/03/92	001	/ /	12/10/92	GW	VBLKWI	VOL	ETHYLBENZENE	4.00	J	ug/L
MW017	1520	12/03/92	001	/ /	12/10/92	GW	VBLKWI	VOL	METHYLENE CHLORIDE	1.00	BR	ug/L
MW017	1520	12/03/92	001	/ /	12/10/92	GW	VBLKWI	VOL	TOLUENE	7.00	J	ug/L
MW017	1520	12/03/92	001	/ /	12/10/92	GW	VBLKWI	VOL	XYLENES (TOTAL)	12.00		ug/L
MW016	1526	12/04/92	001	12/08/92	12/11/92	GW	SBLK96	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	1.00	J	ug/L

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 5

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
NW016	1526	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	ALUMINUM	194.00		ug/L
NW016	1526	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	ARSENIC	61.60	J	ug/L
NW016	1526	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	BARIUM	27.60		ug/L
NW016	1526	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	CALCIUM	42600.00		ug/L
NW016	1526	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	IRON	125.00		ug/L
NW016	1526	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	MAGNESIUM	10400.00		ug/L
NW016	1526	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	MANGANESE	218.00		ug/L
NW016	1526	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	POTASSIUM	8040.00		ug/L
NW016	1526	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	SODIUM	98300.00		ug/L
NW016	1526	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	ZINC	7.20		ug/L
NW016	1526	12/04/92	001	/ /	12/11/92	GW	MAZWRAPBLKL	VOL	BENZENE	1.00	J	ug/L
NW016	1526	12/04/92	001	/ /	12/11/92	GW	MAZWRAPBLKL	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
NW016	1527	12/04/92	002	12/08/92	12/11/92	WR	SBLK96	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	1.00	J	ug/L
NW016	1527	12/04/92	002	12/29/92	01/09/93	WR	M10	MET	ALUMINUM	185.00		ug/L
NW016	1527	12/04/92	002	12/29/92	01/09/93	WR	M10	MET	ARSENIC	54.20	J	ug/L
NW016	1527	12/04/92	002	12/29/92	01/09/93	WR	M10	MET	BARIUM	27.80		ug/L
NW016	1527	12/04/92	002	12/29/92	01/09/93	WR	M10	MET	CALCIUM	42200.00		ug/L
NW016	1527	12/04/92	002	12/29/92	01/09/93	WR	M10	MET	COPPER	10.50		ug/L
NW016	1527	12/04/92	002	12/29/92	01/09/93	WR	M10	MET	IRON	50.10		ug/L
NW016	1527	12/04/92	002	12/29/92	01/09/93	WR	M10	MET	MAGNESIUM	10500.00		ug/L
NW016	1527	12/04/92	002	12/29/92	01/09/93	WR	M10	MET	MANGANESE	220.00		ug/L
NW016	1527	12/04/92	002	12/29/92	01/09/93	WR	M10	MET	POTASSIUM	9450.00		ug/L
NW016	1527	12/04/92	002	12/29/92	01/09/93	WR	M10	MET	SODIUM	102000.00		ug/L
NW016	1527	12/04/92	002	12/29/92	01/09/93	WR	M10	MET	ZINC	3.80		ug/L
NW016	1527	12/04/92	002	/ /	12/11/92	WR	MAZWRAPBLKL	VOL	BENZENE	1.00	J	ug/L
NW016	1527	12/04/92	002	/ /	12/11/92	WR	MAZWRAPBLKL	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
NW016	1569	03/05/93	001	03/10/93	03/12/93	GW	SBLK50	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	7.00	BR	ug/L
NW016	1569	03/05/93	001	03/10/93	03/12/93	GW	SBLK50	BNA	BUTYLBENZYLPHTHALATE	1.00	BR	ug/L
NW016	1569	03/05/93	001	03/09/93	03/14/93	GW	MET01	MET	ALUMINUM	84.90	BR	ug/L
NW016	1569	03/05/93	001	03/09/93	03/14/93	GW	MET01	MET	ARSENIC	34.10	J	ug/L

Table D.1. (cont.)

04/21/94

SIGNIFICANT CHEMICAL DATA FROM SITE 5

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
MW016	1569	03/05/93	001	03/09/93	03/14/93	GW	MET01	MET	BARIUM	25.40		ug/L
MW016	1569	03/05/93	001	03/09/93	03/14/93	GW	MET01	MET	CALCIUM	50200.00		ug/L
MW016	1569	03/05/93	001	03/09/93	03/14/93	GW	MET01	MET	COPPER	5.30		ug/L
MW016	1569	03/05/93	001	03/09/93	03/14/93	GW	MET01	MET	IRON	25.80	BR	ug/L
MW016	1569	03/05/93	001	03/09/93	03/14/93	GW	MET01	MET	MAGNESIUM	11000.00		ug/L
MW016	1569	03/05/93	001	03/09/93	03/14/93	GW	MET01	MET	MANGANESE	228.00		ug/L
MW016	1569	03/05/93	001	03/09/93	03/14/93	GW	MET01	MET	POTASSIUM	8480.00		ug/L
MW016	1569	03/05/93	001	03/09/93	03/14/93	GW	MET01	MET	SODIUM	109000.00		ug/L
MW016	1569	03/05/93	001	03/09/93	03/14/93	GW	MET01	MET	ZINC	8.30	BR	ug/L
MW016	1569	03/05/93	001	/ /	03/11/93	GW	VBLKG4	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
MW016	1570	03/05/93	002	03/09/93	03/11/93	WR	SBLK45	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	15.00	BR	ug/L
MW016	1570	03/05/93	002	03/09/93	03/11/93	WR	SBLK45	BNA	BUTYLBENZYLPHTHALATE	2.00	BR	ug/L
MW016	1570	03/05/93	002	03/09/93	03/14/93	WR	MET01	MET	ALUMINUM	75.50	BR	ug/L
MW016	1570	03/05/93	002	03/09/93	03/14/93	WR	MET01	MET	ARSENIC	33.20	J	ug/L
MW016	1570	03/05/93	002	03/09/93	03/14/93	WR	MET01	MET	BARIUM	24.20		ug/L
MW016	1570	03/05/93	002	03/09/93	03/14/93	WR	MET01	MET	CALCIUM	48400.00		ug/L
MW016	1570	03/05/93	002	03/09/93	03/14/93	WR	MET01	MET	IRON	34.40	BR	ug/L
MW016	1570	03/05/93	002	03/09/93	03/14/93	WR	MET01	MET	MAGNESIUM	10500.00		ug/L
MW016	1570	03/05/93	002	03/09/93	03/14/93	WR	MET01	MET	MANGANESE	229.00		ug/L
MW016	1570	03/05/93	002	03/09/93	03/14/93	WR	MET01	MET	POTASSIUM	7520.00		ug/L
MW016	1570	03/05/93	002	03/09/93	03/14/93	WR	MET01	MET	SODIUM	104000.00		ug/L
MW016	1570	03/05/93	002	03/09/93	03/14/93	WR	MET01	MET	ZINC	11.10	BR	ug/L
MW016	1570	03/05/93	002	/ /	03/11/93	WR	VBLKG4	VOL	METHYLENE CHLORIDE	3.00	BR	ug/L
MW017	1571	03/05/93	001	03/09/93	03/11/93	GW	SBLK45	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	20.00	J	ug/L
MW017	1571	03/05/93	001	03/09/93	03/11/93	GW	SBLK45	BNA	BUTYLBENZYLPHTHALATE	3.00	BR	ug/L
MW017	1571	03/05/93	001	03/09/93	03/11/93	GW	SBLK45	BNA	DIETHYLPHTHALATE	1.00	BR	ug/L
MW017	1571	03/05/93	001	03/09/93	03/11/93	GW	SBLK45	BNA	NAPHTHALENE	1.00	J	ug/L
MW017	1571	03/05/93	001	03/18/93	03/21/93	GW	MET02	MET	ALUMINUM	113.00	BR	ug/L
MW017	1571	03/05/93	001	03/18/93	03/21/93	GW	MET02	MET	ARSENIC	37.40		ug/L
MW017	1571	03/05/93	001	03/18/93	03/21/93	GW	MET02	MET	BARIUM	70.00		ug/L

04/21/94

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 5

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
MW017	1571	03/05/93	001	03/18/93	03/21/93	GW	MET02	MET	CALCIUM	64400.00		ug/L
MW017	1571	03/05/93	001	03/18/93	03/21/93	GW	MET02	MET	COPPER	9.10		ug/L
MW017	1571	03/05/93	001	03/18/93	03/21/93	GW	MET02	MET	IRON	153.00		ug/L
MW017	1571	03/05/93	001	03/18/93	03/21/93	GW	MET02	MET	MAGNESIUM	13900.00		ug/L
MW017	1571	03/05/93	001	03/18/93	03/21/93	GW	MET02	MET	MANGANESE	441.00		ug/L
MW017	1571	03/05/93	001	03/18/93	03/21/93	GW	MET02	MET	POTASSIUM	9580.00	J	ug/L
MW017	1571	03/05/93	001	03/18/93	03/21/93	GW	MET02	MET	SODIUM	66300.00		ug/L
MW017	1571DL	03/05/93	001	03/18/93	03/20/93	GW	MET02	MET	ALUMINUM	116.53	BR	ug/L
MW017	1571DL	03/05/93	001	03/18/93	03/20/93	GW	MET02	MET	ANTIMONY	30.00		ug/L
MW017	1571DL	03/05/93	001	03/18/93	03/20/93	GW	MET02	MET	ARSENIC	32.42		ug/L
MW017	1571DL	03/05/93	001	03/18/93	03/20/93	GW	MET02	MET	BARIUM	68.76		ug/L
MW017	1571DL	03/05/93	001	03/18/93	03/20/93	GW	MET02	MET	BERYLLIUM	1.00		ug/L
MW017	1571DL	03/05/93	001	03/18/93	03/20/93	GW	MET02	MET	CADMIUM	5.00		ug/L
MW017	1571DL	03/05/93	001	03/18/93	03/20/93	GW	MET02	MET	CALCIUM	64759.00		ug/L
MW017	1571DL	03/05/93	001	03/18/93	03/20/93	GW	MET02	MET	CHROMIUM	6.00		ug/L
MW017	1571DL	03/05/93	001	03/18/93	03/20/93	GW	MET02	MET	COBALT	9.00		ug/L
MW017	1571DL	03/05/93	001	03/18/93	03/20/93	GW	MET02	MET	COPPER	7.68		ug/L
MW017	1571DL	03/05/93	001	03/18/93	03/20/93	GW	MET02	MET	IRON	163.99		ug/L
MW017	1571DL	03/05/93	001	03/18/93	03/20/93	GW	MET02	MET	LEAD	2.00		ug/L
MW017	1571DL	03/05/93	001	03/18/93	03/20/93	GW	MET02	MET	MAGNESIUM	14031.00		ug/L
MW017	1571DL	03/05/93	001	03/18/93	03/20/93	GW	MET02	MET	MANGANESE	444.36		ug/L
MW017	1571DL	03/05/93	001	03/18/93	03/20/93	GW	MET02	MET	MERCURY	0.20		ug/L
MW017	1571DL	03/05/93	001	03/18/93	03/20/93	GW	MET02	MET	NICKEL	13.00		ug/L
MW017	1571DL	03/05/93	001	03/18/93	03/20/93	GW	MET02	MET	POTASSIUM	9523.30	J	ug/L
MW017	1571DL	03/05/93	001	03/18/93	03/20/93	GW	MET02	MET	SELENIUM	3.00		ug/L
MW017	1571DL	03/05/93	001	03/18/93	03/20/93	GW	MET02	MET	SILVER	5.00		ug/L
MW017	1571DL	03/05/93	001	03/18/93	03/20/93	GW	MET02	MET	SODIUM	67168.00		ug/L
MW017	1571DL	03/05/93	001	03/18/93	03/20/93	GW	MET02	MET	THALLIUM	3.00		ug/L
MW017	1571DL	03/05/93	001	03/18/93	03/20/93	GW	MET02	MET	VANADIUM	4.00		ug/L
MW017	1571DL	03/05/93	001	03/18/93	03/20/93	GW	MET02	MET	ZINC	5.19		ug/L

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 5

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
MW017	1571	03/05/93	001	/ /	03/11/93	GW	VIBLKTPHW05	PHC	TPH BY GAS STD	0.15		mg/L
MW017	1571	03/05/93	001	/ /	03/11/93	GW	VBLKG4	VOL	1,2-DICHLOROETHENE (TOTAL)	4.00	J	ug/L
MW017	1571	03/05/93	001	/ /	03/11/93	GW	VBLKG4	VOL	BENZENE	15.00		ug/L
MW017	1571	03/05/93	001	/ /	03/11/93	GW	VBLKG4	VOL	ETHYLBENZENE	24.00		ug/L
MW017	1571	03/05/93	001	/ /	03/11/93	GW	VBLKG4	VOL	METHYLENE CHLORIDE	1.00	BR	ug/L
MW017	1571	03/05/93	001	/ /	03/11/93	GW	VBLKG4	VOL	TOLUENE	1.00	J	ug/L
MW017	1571	03/05/93	001	/ /	03/11/93	GW	VBLKG4	VOL	XYLENES (TOTAL)	7.00	J	ug/L
MW019	1574	03/05/93	001	03/09/93	03/11/93	GW	SBLK45	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	5.00	BR	ug/L
MW019	1574	03/05/93	001	03/09/93	03/11/93	GW	SBLK45	BNA	BUTYLBENZYLPHTHALATE	2.00	BR	ug/L
MW019	1574	03/05/93	001	03/09/93	03/11/93	GW	SBLK45	BNA	DIETHYLPHTHALATE	1.00	BR	ug/L
MW019	1574	03/05/93	001	03/09/93	03/14/93	GW	MET01	MET	ALUMINUM	81.20	BR	ug/L
MW019	1574	03/05/93	001	03/09/93	03/14/93	GW	MET01	MET	ARSENIC	11.50		ug/L
MW019	1574	03/05/93	001	03/09/93	03/14/93	GW	MET01	MET	BARIUM	24.00		ug/L
MW019	1574	03/05/93	001	03/09/93	03/14/93	GW	MET01	MET	CALCIUM	46900.00		ug/L
MW019	1574	03/05/93	001	03/09/93	03/14/93	GW	MET01	MET	COPPER	21.80		ug/L
MW019	1574	03/05/93	001	03/09/93	03/14/93	GW	MET01	MET	MAGNESIUM	9250.00		ug/L
MW019	1574	03/05/93	001	03/09/93	03/14/93	GW	MET01	MET	MANGANESE	43.80		ug/L
MW019	1574	03/05/93	001	03/09/93	03/14/93	GW	MET01	MET	POTASSIUM	7070.00		ug/L
MW019	1574	03/05/93	001	03/09/93	03/14/93	GW	MET01	MET	SODIUM	58600.00		ug/L
MW019	1574	03/05/93	001	03/09/93	03/14/93	GW	MET01	MET	VANADIUM	6.10		ug/L
MW019	1574	03/05/93	001	03/09/93	03/14/93	GW	MET01	MET	ZINC	6.00	BR	ug/L
MW019	1574	03/05/93	001	/ /	03/11/93	GW	VBLKG4	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 7

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH027	1091	12/06/92	002	12/15/92	12/18/92	SO	SBLK36	BNA	2-METHYLNAPHTHALENE	13000.00		ug/kg
BH027	1091	12/06/92	002	12/15/92	12/18/92	SO	SBLK36	BNA	ACENAPHTHENE	1300.00	J	ug/kg
BH027	1091	12/06/92	002	12/15/92	12/18/92	SO	SBLK36	BNA	ANTHRACENE	2000.00	J	ug/kg
BH027	1091	12/06/92	002	12/15/92	12/18/92	SO	SBLK36	BNA	BENZO(A)ANTHRACENE	5200.00	J	ug/kg
BH027	1091	12/06/92	002	12/15/92	12/18/92	SO	SBLK36	BNA	BENZO(A)PYRENE	4600.00	J	ug/kg
BH027	1091	12/06/92	002	12/15/92	12/18/92	SO	SBLK36	BNA	BENZO(B)FLUORANTHENE	9000.00		ug/kg
BH027	1091	12/06/92	002	12/15/92	12/18/92	SO	SBLK36	BNA	BENZO(G,H,I)PERYLENE	2600.00	J	ug/kg
BH027	1091	12/06/92	002	12/15/92	12/18/92	SO	SBLK36	BNA	BENZO(K)FLUORANTHENE	9000.00	J	ug/kg
BH027	1091	12/06/92	002	12/15/92	12/18/92	SO	SBLK36	BNA	CARBAZOLE	1700.00	J	ug/kg
BH027	1091	12/06/92	002	12/15/92	12/18/92	SO	SBLK36	BNA	CHRYSENE	6300.00	J	ug/kg
BH027	1091	12/06/92	002	12/15/92	12/18/92	SO	SBLK36	BNA	FLUORANTHENE	13000.00		ug/kg
BH027	1091	12/06/92	002	12/15/92	12/18/92	SO	SBLK36	BNA	FLUORENE	1000.00	J	ug/kg
BH027	1091	12/06/92	002	12/15/92	12/18/92	SO	SBLK36	BNA	INDENO(1,2,3-CD)PYRENE	2700.00	J	ug/kg
BH027	1091	12/06/92	002	12/15/92	12/18/92	SO	SBLK36	BNA	NAPHTHALENE	11000.00		ug/kg
BH027	1091	12/06/92	002	12/15/92	12/18/92	SO	SBLK36	BNA	PHENANTHRENE	11000.00		ug/kg
BH027	1091	12/06/92	002	12/15/92	12/18/92	SO	SBLK36	BNA	PYRENE	16000.00		ug/kg
BH027	1091	12/06/92	002	12/17/92	01/07/93	SO	M07	MET	ALUMINUM	18400.00	J	mg/kg
BH027	1091	12/06/92	002	12/17/92	01/07/93	SO	M07	MET	ARSENIC	2.20	J	mg/kg
BH027	1091	12/06/92	002	12/17/92	01/07/93	SO	M07	MET	BARIUM	141.00	J	mg/kg
BH027	1091	12/06/92	002	12/17/92	01/07/93	SO	M07	MET	CALCIUM	14200.00	J	mg/kg
BH027	1091	12/06/92	002	12/17/92	01/07/93	SO	M07	MET	CHROMIUM	13.70	J	mg/kg
BH027	1091	12/06/92	002	12/17/92	01/07/93	SO	M07	MET	COBALT	8.20	J	mg/kg
BH027	1091	12/06/92	002	12/17/92	01/07/93	SO	M07	MET	COPPER	18.60	J	mg/kg
BH027	1091	12/06/92	002	12/17/92	01/07/93	SO	M07	MET	IRON	18500.00	J	mg/kg
BH027	1091	12/06/92	002	12/17/92	01/07/93	SO	M07	MET	LEAD	6.90	J	mg/kg
BH027	1091	12/06/92	002	12/17/92	01/07/93	SO	M07	MET	MAGNESIUM	6500.00	J	mg/kg
BH027	1091	12/06/92	002	12/17/92	01/07/93	SO	M07	MET	MANGANESE	343.00	J	mg/kg
BH027	1091	12/06/92	002	12/17/92	01/07/93	SO	M07	MET	NICKEL	14.40	J	mg/kg
BH027	1091	12/06/92	002	12/17/92	01/07/93	SO	M07	MET	POTASSIUM	2300.00	J	mg/kg
BH027	1091	12/06/92	002	12/17/92	01/07/93	SO	M07	MET	SODIUM	2140.00	J	mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 7

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH027	1091	12/06/92	002	12/17/92	01/07/93	SO	M07	MET	VANADIUM	62.10	J	mg/kg
BH027	1091	12/06/92	002	12/17/92	01/07/93	SO	M07	MET	ZINC	46.10	J	mg/kg
BH027	1091DL	12/06/92	002	/ /	12/22/92	SO	VBLKAK	PHC	GAS	2500.00		mg/kg
BH027	1091	12/06/92	002	/ /	12/17/92	SO	VBLKY5	VOL	METHYLENE CHLORIDE	460.00	BR	ug/kg
BH027	1091	12/06/92	002	/ /	12/17/92	SO	VBLKY5	VOL	XYLENES (TOTAL)	44000.00		ug/kg
BH027	1092	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BNA	2-METHYLNAPHTHALENE	480.00		ug/kg
BH027	1092	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BNA	BENZO(A)ANTHRACENE	85.00	J	ug/kg
BH027	1092	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BNA	BENZO(A)PYRENE	58.00	J	ug/kg
BH027	1092	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BNA	BENZO(B)FLUORANTHENE	110.00	J	ug/kg
BH027	1092	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BNA	BENZO(K)FLUORANTHENE	110.00	J	ug/kg
BH027	1092	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	570.00		ug/kg
BH027	1092	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BNA	CHRYSENE	70.00	J	ug/kg
BH027	1092	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BNA	DI-N-BUTYLPHTHALATE	53.00	BR	ug/kg
BH027	1092	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BNA	FLUORANTHENE	130.00	J	ug/kg
BH027	1092	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BNA	NAPHTHALENE	320.00	J	ug/kg
BH027	1092	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BNA	PHENANTHRENE	160.00	J	ug/kg
BH027	1092	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BNA	PHENOL	45.00	J	ug/kg
BH027	1092	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BNA	PYRENE	250.00	J	ug/kg
BH027	1092	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	ALUMINUM	12800.00	J	mg/kg
BH027	1092	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	ARSENIC	9.00	J	mg/kg
BH027	1092	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	BARIUM	121.00	J	mg/kg
BH027	1092	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	BERYLLIUM	0.56	J	mg/kg
BH027	1092	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	CALCIUM	4530.00	J	mg/kg
BH027	1092	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	CHROMIUM	16.30	J	mg/kg
BH027	1092	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	COBALT	6.70	J	mg/kg
BH027	1092	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	COPPER	16.60	J	mg/kg
BH027	1092	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	IRON	14300.00	J	mg/kg
BH027	1092	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	LEAD	6.30	J	mg/kg
BH027	1092	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	MAGNESIUM	2930.00	J	mg/kg
BH027	1092	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	MANGANESE	149.00	J	mg/kg

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Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 7

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
SW027	1092	12/06/92	005	12/17/92	01/07/93	SO	MB7	MET	NICKEL	14.60	J	mg/kg
SW027	1092	12/06/92	005	12/17/92	01/07/93	SO	MB7	MET	POTASSIUM	3130.00	J	mg/kg
SW027	1092	12/06/92	005	12/17/92	01/07/93	SO	MB7	MET	SODIUM	1080.00	J	mg/kg
SW027	1092	12/06/92	005	12/17/92	01/07/93	SO	MB7	MET	VANADIUM	60.90	J	mg/kg
SW027	1092	12/06/92	005	12/17/92	01/07/93	SO	MB7	MET	ZINC	45.90	J	mg/kg
SW027	1092	12/06/92	005	12/22/92	12/22/92	SO	VBLEAK	PHC	GAS	87.00		mg/kg
SW027	1092	12/06/92	005	/ /	12/16/92	SO	VBLKU5	VOL	ACETONE	63.00	BR	ug/kg
SW027	1092	12/06/92	005	/ /	12/16/92	SO	VBLKU5	VOL	BENZENE	3.00	J	ug/kg
SW027	1092	12/06/92	005	/ /	12/16/92	SO	VBLKU5	VOL	CHLOROFORM	4.00	J	ug/kg
SW027	1092	12/06/92	005	/ /	12/16/92	SO	VBLKU5	VOL	ETHYLBENZENE	50.00		ug/kg
SW027	1092	12/06/92	005	/ /	12/16/92	SO	VBLKU5	VOL	METHYLENE CHLORIDE	60.00	BR	ug/kg
SW027	1092	12/06/92	005	/ /	12/16/92	SO	VBLKU5	VOL	TOLUENE	7.00	J	ug/kg
SW027	1092	12/06/92	005	/ /	12/16/92	SO	VBLKU5	VOL	XYLENES (TOTAL)	200.00		ug/kg
SW027	1093	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BNA	2-METHYLNAPHTHALENE	600.00		ug/kg
SW027	1093	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BNA	BENZO(A)ANTHRACENE	75.00	J	ug/kg
SW027	1093	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BNA	BENZO(A)PYRENE	47.00	J	ug/kg
SW027	1093	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BNA	BENZO(B)FLUORANTHENE	110.00	J	ug/kg
SW027	1093	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BNA	BENZO(K)FLUORANTHENE	110.00	J	ug/kg
SW027	1093	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	520.00		ug/kg
SW027	1093	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BNA	CHRYSENE	75.00	J	ug/kg
SW027	1093	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BNA	DI-N-BUTYLPHTHALATE	160.00	BR	ug/kg
SW027	1093	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BNA	FLUORANTHENE	150.00	J	ug/kg
SW027	1093	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BNA	NAPHTHALENE	500.00		ug/kg
SW027	1093	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BNA	PHENANTHRENE	230.00	J	ug/kg
SW027	1093	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BNA	PHENOL	86.00	J	ug/kg
SW027	1093	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BNA	PYRENE	250.00	J	ug/kg
SW027	1093	12/06/92	005	12/17/92	01/07/93	SO	MB7	MET	ALUMINUM	13000.00	J	mg/kg
SW027	1093	12/06/92	005	12/17/92	01/07/93	SO	MB7	MET	ARSENIC	7.20	J	mg/kg
SW027	1093	12/06/92	005	12/17/92	01/07/93	SO	MB7	MET	BARIUM	131.00	J	mg/kg
SW027	1093	12/06/92	005	12/17/92	01/07/93	SO	MB7	MET	BERYLLIUM	0.65	J	mg/kg

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 7

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
SW027	1093	12/06/92	005	12/17/92	01/07/93	SR	MB7	MET	CALCIUM	4410.00	J	mg/kg
SW027	1093	12/06/92	005	12/17/92	01/07/93	SR	MB7	MET	CHROMIUM	14.00	J	mg/kg
SW027	1093	12/06/92	005	12/17/92	01/07/93	SR	MB7	MET	COBALT	6.70	J	mg/kg
SW027	1093	12/06/92	005	12/17/92	01/07/93	SR	MB7	MET	COPPER	16.70	J	mg/kg
SW027	1093	12/06/92	005	12/17/92	01/07/93	SR	MB7	MET	IRON	22900.00	J	mg/kg
SW027	1093	12/06/92	005	12/17/92	01/07/93	SR	MB7	MET	LEAD	6.60	J	mg/kg
SW027	1093	12/06/92	005	12/17/92	01/07/93	SR	MB7	MET	MAGNESIUM	3130.00	J	mg/kg
SW027	1093	12/06/92	005	12/17/92	01/07/93	SR	MB7	MET	MANGANESE	208.00	J	mg/kg
SW027	1093	12/06/92	005	12/17/92	01/07/93	SR	MB7	MET	NICKEL	17.00	J	mg/kg
SW027	1093	12/06/92	005	12/17/92	01/07/93	SR	MB7	MET	POTASSIUM	2420.00	J	mg/kg
SW027	1093	12/06/92	005	12/17/92	01/07/93	SR	MB7	MET	SODIUM	1110.00	J	mg/kg
SW027	1093	12/06/92	005	12/17/92	01/07/93	SR	MB7	MET	VANADIUM	61.20	J	mg/kg
SW027	1093	12/06/92	005	12/17/92	01/07/93	SR	MB7	MET	ZINC	42.30	J	mg/kg
SW027	1093	12/06/92	005	12/21/92	12/21/92	SR	VBLKAJ	PHC	GAS	33.00		mg/kg
SW027	1093	12/06/92	005	/ /	12/16/92	SR	VBLK05	VOL	ACETONE	100.00	BR	ug/kg
SW027	1093	12/06/92	005	/ /	12/16/92	SR	VBLK05	VOL	BENZENE	2.00	J	ug/kg
SW027	1093	12/06/92	005	/ /	12/16/92	SR	VBLK05	VOL	CHLOROFORM	2.00	J	ug/kg
SW027	1093	12/06/92	005	/ /	12/16/92	SR	VBLK05	VOL	ETHYLBENZENE	120.00		ug/kg
SW027	1093	12/06/92	005	/ /	12/16/92	SR	VBLK05	VOL	METHYLENE CHLORIDE	45.00	BR	ug/kg
SW027	1093	12/06/92	005	/ /	12/16/92	SR	VBLK05	VOL	XYLENES (TOTAL)	420.00		ug/kg
SW028	1094	12/06/92	002	12/15/92	12/17/92	SO	SBLK36	BNA	2-METHYLNAPHTHALENE	180.00	J	ug/kg
SW028	1094	12/06/92	002	12/15/92	12/17/92	SO	SBLK36	BNA	ACENAPHTHENE	100.00	J	ug/kg
SW028	1094	12/06/92	002	12/15/92	12/17/92	SO	SBLK36	BNA	ANTHRACENE	130.00	J	ug/kg
SW028	1094	12/06/92	002	12/15/92	12/17/92	SO	SBLK36	BNA	BENZO(A)ANTHRACENE	580.00		ug/kg
SW028	1094	12/06/92	002	12/15/92	12/17/92	SO	SBLK36	BNA	BENZO(A)PYRENE	580.00		ug/kg
SW028	1094	12/06/92	002	12/15/92	12/17/92	SO	SBLK36	BNA	BENZO(B)FLUORANTHENE	850.00		ug/kg
SW028	1094	12/06/92	002	12/15/92	12/17/92	SO	SBLK36	BNA	BENZO(G,H,I)PERYLENE	310.00	J	ug/kg
SW028	1094	12/06/92	002	12/15/92	12/17/92	SO	SBLK36	BNA	BENZO(K)FLUORANTHENE	850.00	J	ug/kg
SW028	1094	12/06/92	002	12/15/92	12/17/92	SO	SBLK36	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	380.00	J	ug/kg
SW028	1094	12/06/92	002	12/15/92	12/17/92	SO	SBLK36	BNA	CARBAZOLE	82.00	J	ug/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 7

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
SW028	1094	12/06/92	002	12/15/92	12/17/92	SO	SBLK36	BNA	CHRYSENE	660.00		ug/kg
SW028	1094	12/06/92	002	12/15/92	12/17/92	SO	SBLK36	BNA	DI-N-BUTYLPHTHALATE	89.00	BR	ug/kg
SW028	1094	12/06/92	002	12/15/92	12/17/92	SO	SBLK36	BNA	DIBENZOFURAN	48.00	J	ug/kg
SW028	1094	12/06/92	002	12/15/92	12/17/92	SO	SBLK36	BNA	FLUORANTHENE	800.00		ug/kg
SW028	1094	12/06/92	002	12/15/92	12/17/92	SO	SBLK36	BNA	FLUORENE	99.00	J	ug/kg
SW028	1094	12/06/92	002	12/15/92	12/17/92	SO	SBLK36	BNA	INDENO(1,2,3-CD)PYRENE	300.00	J	ug/kg
SW028	1094	12/06/92	002	12/15/92	12/17/92	SO	SBLK36	BNA	NAPHTHALENE	200.00	J	ug/kg
SW028	1094	12/06/92	002	12/15/92	12/17/92	SO	SBLK36	BNA	PHENANTHRENE	580.00		ug/kg
SW028	1094	12/06/92	002	12/15/92	12/17/92	SO	SBLK36	BNA	PHENOL	77.00	J	ug/kg
SW028	1094	12/06/92	002	12/15/92	12/17/92	SO	SBLK36	BNA	PYRENE	1500.00		ug/kg
SW028	1094	12/06/92	002	12/17/92	01/09/93	SO	MB7	MET	ALUMINUM	21600.00	J	mg/kg
SW028	1094	12/06/92	002	12/17/92	01/09/93	SO	MB7	MET	ARSENIC	13.50	J	mg/kg
SW028	1094	12/06/92	002	12/17/92	01/09/93	SO	MB7	MET	BARIUM	206.00	J	mg/kg
SW028	1094	12/06/92	002	12/17/92	01/09/93	SO	MB7	MET	BERYLLIUM	0.68	J	mg/kg
SW028	1094	12/06/92	002	12/17/92	01/09/93	SO	MB7	MET	CADMIUM	1.40	J	mg/kg
SW028	1094	12/06/92	002	12/17/92	01/09/93	SO	MB7	MET	CALCIUM	12600.00	J	mg/kg
SW028	1094	12/06/92	002	12/17/92	01/09/93	SO	MB7	MET	CHROMIUM	22.00	J	mg/kg
SW028	1094	12/06/92	002	12/17/92	01/09/93	SO	MB7	MET	COBALT	10.90	J	mg/kg
SW028	1094	12/06/92	002	12/17/92	01/09/93	SO	MB7	MET	COPPER	19.10	J	mg/kg
SW028	1094	12/06/92	002	12/17/92	01/09/93	SO	MB7	MET	IRON	27000.00	J	mg/kg
SW028	1094	12/06/92	002	12/17/92	01/09/93	SO	MB7	MET	LEAD	19.50	J	mg/kg
SW028	1094	12/06/92	002	12/17/92	01/09/93	SO	MB7	MET	MAGNESIUM	6230.00	J	mg/kg
SW028	1094	12/06/92	002	12/17/92	01/09/93	SO	MB7	MET	MANGANESE	396.00	J	mg/kg
SW028	1094	12/06/92	002	12/17/92	01/09/93	SO	MB7	MET	NICKEL	24.50	J	mg/kg
SW028	1094	12/06/92	002	12/17/92	01/09/93	SO	MB7	MET	POTASSIUM	1780.00	J	mg/kg
SW028	1094	12/06/92	002	12/17/92	01/09/93	SO	MB7	MET	SODIUM	2650.00	J	mg/kg
SW028	1094	12/06/92	002	12/17/92	01/09/93	SO	MB7	MET	VANADIUM	98.00	J	mg/kg
SW028	1094	12/06/92	002	12/17/92	01/09/93	SO	MB7	MET	ZINC	63.20	J	mg/kg
SW028	1094	12/06/92	002	12/21/92	12/21/92	SO	VBLKAJ	PHC	GAS	9.60		mg/kg
SW028	1094	12/06/92	002	/ /	12/14/92	SO	VBLK05	VOL	2-BUTANONE	8.00	J	ug/kg

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 7

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
SW020	1094	12/06/92	002	/ /	12/16/92	SO	VBLK05	VOL	ACETONE	78.00	BR	ug/kg
SW020	1094	12/06/92	002	/ /	12/16/92	SO	VBLK05	VOL	BENZENE	19.00		ug/kg
SW020	1094	12/06/92	002	/ /	12/16/92	SO	VBLK05	VOL	CHLOROFORM	3.00	J	ug/kg
SW020	1094	12/06/92	002	/ /	12/16/92	SO	VBLK05	VOL	ETHYLBENZENE	94.00		ug/kg
SW020	1094	12/06/92	002	/ /	12/16/92	SO	VBLK05	VOL	METHYLENE CHLORIDE	57.00	BR	ug/kg
SW020	1094	12/06/92	002	/ /	12/16/92	SO	VBLK05	VOL	TOLUENE	39.00		ug/kg
SW020	1094	12/06/92	002	/ /	12/16/92	SO	VBLK05	VOL	XYLENES (TOTAL)	200.00		ug/kg
SW020	1095	12/06/92	005	12/15/92	12/18/92	SO	SBLK36	BNA	2-METHYLNAPHTHALENE	950.00		ug/kg
SW020	1095	12/06/92	005	12/15/92	12/18/92	SO	SBLK36	BNA	2-METHYLPHENOL	99.00	J	ug/kg
SW020	1095	12/06/92	005	12/15/92	12/18/92	SO	SBLK36	BNA	4-METHYLPHENOL	120.00	J	ug/kg
SW020	1095	12/06/92	005	12/15/92	12/18/92	SO	SBLK36	BNA	ACENAPHTHENE	62.00	J	ug/kg
SW020	1095	12/06/92	005	12/15/92	12/18/92	SO	SBLK36	BNA	ANTHRACENE	72.00	J	ug/kg
SW020	1095	12/06/92	005	12/15/92	12/18/92	SO	SBLK36	BNA	BENZO(A)ANTHRACENE	110.00	J	ug/kg
SW020	1095	12/06/92	005	12/15/92	12/18/92	SO	SBLK36	BNA	BENZO(B)FLUORANTHENE	110.00	J	ug/kg
SW020	1095	12/06/92	005	12/15/92	12/18/92	SO	SBLK36	BNA	BENZO(K)FLUORANTHENE	110.00	J	ug/kg
SW020	1095	12/06/92	005	12/15/92	12/18/92	SO	SBLK36	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	110.00	J	ug/kg
SW020	1095	12/06/92	005	12/15/92	12/18/92	SO	SBLK36	BNA	CARBAZOLE	52.00	J	ug/kg
SW020	1095	12/06/92	005	12/15/92	12/18/92	SO	SBLK36	BNA	CHRYSENE	130.00	J	ug/kg
SW020	1095	12/06/92	005	12/15/92	12/18/92	SO	SBLK36	BNA	DI-N-BUTYLPHTHALATE	110.00	BR	ug/kg
SW020	1095	12/06/92	005	12/15/92	12/18/92	SO	SBLK36	BNA	FLUORANTHENE	210.00	J	ug/kg
SW020	1095	12/06/92	005	12/15/92	12/18/92	SO	SBLK36	BNA	NAPHTHALENE	670.00		ug/kg
SW020	1095	12/06/92	005	12/15/92	12/18/92	SO	SBLK36	BNA	PHENANTHRENE	260.00	J	ug/kg
SW020	1095	12/06/92	005	12/15/92	12/18/92	SO	SBLK36	BNA	PHENOL	220.00	J	ug/kg
SW020	1095	12/06/92	005	12/15/92	12/18/92	SO	SBLK36	BNA	PYRENE	200.00	J	ug/kg
SW020	1095	12/06/92	005	12/17/92	01/11/93	SO	MB7	MET	ALUMINUM	30800.00	J	mg/kg
SW020	1095	12/06/92	005	12/17/92	01/11/93	SO	MB7	MET	ARSENIC	63.00	J	mg/kg
SW020	1095	12/06/92	005	12/17/92	01/11/93	SO	MB7	MET	BARIUM	235.00	J	mg/kg
SW020	1095	12/06/92	005	12/17/92	01/11/93	SO	MB7	MET	BERYLLIUM	0.85	J	mg/kg
SW020	1095	12/06/92	005	12/17/92	01/11/93	SO	MB7	MET	CALCIUM	5050.00	J	mg/kg
SW020	1095	12/06/92	005	12/17/92	01/11/93	SO	MB7	MET	CHROMIUM	16.00	J	mg/kg

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 7

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
SW028	1095	12/06/92	005	12/17/92	01/11/93	SO	MB7	MET	COBALT	10.00	J	mg/kg
SW028	1095	12/06/92	005	12/17/92	01/11/93	SO	MB7	MET	COPPER	21.10	J	mg/kg
SW028	1095	12/06/92	005	12/17/92	01/11/93	SO	MB7	MET	IRON	35500.00	J	mg/kg
SW028	1095	12/06/92	005	12/17/92	01/11/93	SO	MB7	MET	LEAD	9.60	J	mg/kg
SW028	1095	12/06/92	005	12/17/92	01/11/93	SO	MB7	MET	MAGNESIUM	4910.00	J	mg/kg
SW028	1095	12/06/92	005	12/17/92	01/11/93	SO	MB7	MET	MANGANESE	621.00	J	mg/kg
SW028	1095	12/06/92	005	12/17/92	01/11/93	SO	MB7	MET	NICKEL	11.70	J	mg/kg
SW028	1095	12/06/92	005	12/17/92	01/11/93	SO	MB7	MET	POTASSIUM	3040.00	J	mg/kg
SW028	1095	12/06/92	005	12/17/92	01/11/93	SO	MB7	MET	SODIUM	2110.00	J	mg/kg
SW028	1095	12/06/92	005	12/17/92	01/11/93	SO	MB7	MET	VANADIUM	63.20	J	mg/kg
SW028	1095	12/06/92	005	12/17/92	01/11/93	SO	MB7	MET	ZINC	49.10	J	mg/kg
SW028	1095	12/06/92	005	12/22/92	12/23/92	SO	VBLK4K	PHC	GAS	900.00		mg/kg
SW028	1095	12/06/92	005	/ /	12/16/92	SO	VBLK17	VOL	ACETONE	78.00	J	ug/kg
SW028	1095	12/06/92	005	/ /	12/16/92	SO	VBLK17	VOL	BENZENE	14.00	J	ug/kg
SW028	1095	12/06/92	005	/ /	12/16/92	SO	VBLK17	VOL	CHLOROFORM	4.00	J	ug/kg
SW028	1095	12/06/92	005	/ /	12/16/92	SO	VBLK17	VOL	ETHYLBENZENE	320.00		ug/kg
SW028	1095	12/06/92	005	/ /	12/16/92	SO	VBLK17	VOL	METHYLENE CHLORIDE	66.00	BR	ug/kg
SW028	1095	12/06/92	005	/ /	12/16/92	SO	VBLK17	VOL	TOLUENE	140.00		ug/kg
SW028	1095	12/06/92	005	/ /	12/16/92	SO	VBLK17	VOL	XYLENES (TOTAL)	1500.00		ug/kg
SW028	1096	12/06/92	008	12/15/92	12/18/92	SO	BBLK36	BNA	2-METHYLNAPHTHALENE	2000.00	J	ug/kg
SW028	1096	12/06/92	008	12/15/92	12/18/92	SO	BBLK36	BNA	FLUORANTHENE	300.00	J	ug/kg
SW028	1096	12/06/92	008	12/15/92	12/18/92	SO	BBLK36	BNA	NAPHTHALENE	1700.00	J	ug/kg
SW028	1096	12/06/92	008	12/15/92	12/18/92	SO	BBLK36	BNA	PHENANTHRENE	410.00	J	ug/kg
SW028	1096	12/06/92	008	12/15/92	12/18/92	SO	BBLK36	BNA	PHENOL	350.00	J	ug/kg
SW028	1096	12/06/92	008	12/15/92	12/18/92	SO	BBLK36	BNA	PYRENE	430.00	J	ug/kg
SW028	1096	12/06/92	008	12/17/92	12/24/92	SO	MB7	MET	ALUMINUM	18700.00	J	mg/kg
SW028	1096	12/06/92	008	12/17/92	12/24/92	SO	MB7	MET	ARSENIC	39.30	J	mg/kg
SW028	1096	12/06/92	008	12/17/92	12/24/92	SO	MB7	MET	BARIUM	151.00	J	mg/kg
SW028	1096	12/06/92	008	12/17/92	12/24/92	SO	MB7	MET	BERYLLIUM	0.63	J	mg/kg
SW028	1096	12/06/92	008	12/17/92	12/24/92	SO	MB7	MET	CADMIUM	1.50	J	mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 7

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
SWD28	1096	12/06/92	000	12/17/92	12/24/92	SO	MB7	MET	CALCIUM	6110.00	J	mg/kg
SWD28	1096	12/06/92	000	12/17/92	12/24/92	SO	MB7	MET	CHROMIUM	18.00	J	mg/kg
SWD28	1096	12/06/92	000	12/17/92	12/24/92	SO	MB7	MET	COBALT	10.00	J	mg/kg
SWD28	1096	12/06/92	000	12/17/92	12/24/92	SO	MB7	MET	COPPER	21.70	J	mg/kg
SWD28	1096	12/06/92	000	12/17/92	12/24/92	SO	MB7	MET	IRON	22900.00	J	mg/kg
SWD28	1096	12/06/92	000	12/17/92	12/24/92	SO	MB7	MET	LEAD	5.90	J	mg/kg
SWD28	1096	12/06/92	000	12/17/92	12/24/92	SO	MB7	MET	MAGNESIUM	5020.00	J	mg/kg
SWD28	1096	12/06/92	000	12/17/92	12/24/92	SO	MB7	MET	MANGANESE	161.00	J	mg/kg
SWD28	1096	12/06/92	000	12/17/92	12/24/92	SO	MB7	MET	NICKEL	17.90	J	mg/kg
SWD28	1096	12/06/92	000	12/17/92	12/24/92	SO	MB7	MET	POTASSIUM	2680.00	J	mg/kg
SWD28	1096	12/06/92	000	12/17/92	12/24/92	SO	MB7	MET	SODIUM	1340.00	J	mg/kg
SWD28	1096	12/06/92	000	12/17/92	12/24/92	SO	MB7	MET	VANADIUM	58.60	J	mg/kg
SWD28	1096	12/06/92	000	12/17/92	12/24/92	SO	MB7	MET	ZINC	50.80	J	mg/kg
SWD28	1096	12/06/92	000	12/23/92	12/31/92	SO	VBLKAJ	PHC	GAS	1600.00		mg/kg
SWD28	1096	12/06/92	000	/ /	12/16/92	SO	VBLKY3	VOL	2-BUTANONE	1100.00	J	ug/kg
SWD28	1096	12/06/92	000	/ /	12/16/92	SO	VBLKY3	VOL	ETHYLBENZENE	1100.00	J	ug/kg
SWD28	1096	12/06/92	000	/ /	12/16/92	SO	VBLKY3	VOL	METHYLENE CHLORIDE	530.00	BR	ug/kg
SWD28	1096	12/06/92	000	/ /	12/16/92	SO	VBLKY3	VOL	TOLUENE	520.00	J	ug/kg
SWD28	1096	12/06/92	000	/ /	12/16/92	SO	VBLKY3	VOL	XYLENES (TOTAL)	5600.00		ug/kg
SWD29	1097	12/06/92	002	12/15/92	12/17/92	SO	SBLK36	BNA	BENZO(A)ANTHRACENE	40.00	J	ug/kg
SWD29	1097	12/06/92	002	12/15/92	12/17/92	SO	SBLK36	BNA	BENZO(B)FLUORANTHENE	57.00	J	ug/kg
SWD29	1097	12/06/92	002	12/15/92	12/17/92	SO	SBLK36	BNA	BENZO(K)FLUORANTHENE	57.00	J	ug/kg
SWD29	1097	12/06/92	002	12/15/92	12/17/92	SO	SBLK36	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	100.00	J	ug/kg
SWD29	1097	12/06/92	002	12/15/92	12/17/92	SO	SBLK36	BNA	CHRYSENE	52.00	J	ug/kg
SWD29	1097	12/06/92	002	12/15/92	12/17/92	SO	SBLK36	BNA	DI-N-BUTYLPHTHALATE	96.00	BR	ug/kg
SWD29	1097	12/06/92	002	12/15/92	12/17/92	SO	SBLK36	BNA	FLUORANTHENE	110.00	J	ug/kg
SWD29	1097	12/06/92	002	12/15/92	12/17/92	SO	SBLK36	BNA	PHENANTHRENE	130.00	J	ug/kg
SWD29	1097	12/06/92	002	12/15/92	12/17/92	SO	SBLK36	BNA	PYRENE	110.00	J	ug/kg
SWD29	1097	12/06/92	002	12/17/92	12/24/92	SO	MB7	MET	ALUMINUM	16100.00	J	mg/kg
SWD29	1097	12/06/92	002	12/17/92	12/24/92	SO	MB7	MET	ARSENIC	4.80	J	mg/kg

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 7

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
SW029	1097	12/06/92	002	12/17/92	12/24/92	SO	MB7	MET	BARIUM	136.00	J	mg/kg
SW029	1097	12/06/92	002	12/17/92	12/24/92	SO	MB7	MET	BERYLLIUM	0.50	J	mg/kg
SW029	1097	12/06/92	002	12/17/92	12/24/92	SO	MB7	MET	CALCIUM	6960.00	J	mg/kg
SW029	1097	12/06/92	002	12/17/92	12/24/92	SO	MB7	MET	CHROMIUM	14.50	J	mg/kg
SW029	1097	12/06/92	002	12/17/92	12/24/92	SO	MB7	MET	COBALT	8.90	J	mg/kg
SW029	1097	12/06/92	002	12/17/92	12/24/92	SO	MB7	MET	COPPER	18.00	J	mg/kg
SW029	1097	12/06/92	002	12/17/92	12/24/92	SO	MB7	MET	IRON	20200.00	J	mg/kg
SW029	1097	12/06/92	002	12/17/92	12/24/92	SO	MB7	MET	LEAD	4.60	J	mg/kg
SW029	1097	12/06/92	002	12/17/92	12/24/92	SO	MB7	MET	MAGNESIUM	6690.00	J	mg/kg
SW029	1097	12/06/92	002	12/17/92	12/24/92	SO	MB7	MET	MANGANESE	302.00	J	mg/kg
SW029	1097	12/06/92	002	12/17/92	12/24/92	SO	MB7	MET	NICKEL	20.60	J	mg/kg
SW029	1097	12/06/92	002	12/17/92	12/24/92	SO	MB7	MET	POTASSIUM	1490.00	J	mg/kg
SW029	1097	12/06/92	002	12/17/92	12/24/92	SO	MB7	MET	SODIUM	1310.00	J	mg/kg
SW029	1097	12/06/92	002	12/17/92	12/24/92	SO	MB7	MET	VANADIUM	66.30	J	mg/kg
SW029	1097	12/06/92	002	12/17/92	12/24/92	SO	MB7	MET	ZINC	46.70	J	mg/kg
SW029	1097RE	12/06/92	002	12/22/92	12/22/92	SO	VBLKAK	PHC	GAS	2.00		mg/kg
SW029	1097	12/06/92	002	/ /	12/17/92	SO	VBLKY9	VOL	ACETONE	26.00	BR	ug/kg
SW029	1097	12/06/92	002	/ /	12/17/92	SO	VBLKY9	VOL	CHLOROFORM	2.00	BR	ug/kg
SW029	1097	12/06/92	002	/ /	12/17/92	SO	VBLKY9	VOL	METHYLENE CHLORIDE	12.00	BR	ug/kg
SW029	1098	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BNA	BENZO(A)ANTHRACENE	44.00	J	ug/kg
SW029	1098	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	150.00	J	ug/kg
SW029	1098	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BNA	DI-N-BUTYLPHTHALATE	120.00	BR	ug/kg
SW029	1098	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BNA	FLUORANTHENE	96.00	J	ug/kg
SW029	1098	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BNA	PHENANTHRENE	120.00	J	ug/kg
SW029	1098	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BNA	PYRENE	99.00	J	ug/kg
SW029	1098	12/06/92	005	12/17/92	12/24/92	SO	MB7	MET	ALUMINUM	20200.00	J	mg/kg
SW029	1098	12/06/92	005	12/17/92	12/24/92	SO	MB7	MET	ARSENIC	45.00	J	mg/kg
SW029	1098	12/06/92	005	12/17/92	12/24/92	SO	MB7	MET	BARIUM	174.00	J	mg/kg
SW029	1098	12/06/92	005	12/17/92	12/24/92	SO	MB7	MET	BERYLLIUM	0.82	J	mg/kg
SW029	1098	12/06/92	005	12/17/92	12/24/92	SO	MB7	MET	CALCIUM	5470.00	J	mg/kg

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Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 7

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
SW029	1098	12/06/92	005	12/17/92	12/24/92	SO	MB7	MET	CHROMIUM	14.40	J	mg/kg
SW029	1098	12/06/92	005	12/17/92	12/24/92	SO	MB7	MET	COBALT	10.70	J	mg/kg
SW029	1098	12/06/92	005	12/17/92	12/24/92	SO	MB7	MET	COPPER	21.70	J	mg/kg
SW029	1098	12/06/92	005	12/17/92	12/24/92	SO	MB7	MET	IRON	36400.00	J	mg/kg
SW029	1098	12/06/92	005	12/17/92	12/24/92	SO	MB7	MET	LEAD	9.50	J	mg/kg
SW029	1098	12/06/92	005	12/17/92	12/24/92	SO	MB7	MET	MAGNESIUM	6520.00	J	mg/kg
SW029	1098	12/06/92	005	12/17/92	12/24/92	SO	MB7	MET	MANGANESE	641.00	J	mg/kg
SW029	1098	12/06/92	005	12/17/92	12/24/92	SO	MB7	MET	NICKEL	25.50	J	mg/kg
SW029	1098	12/06/92	005	12/17/92	12/24/92	SO	MB7	MET	POTASSIUM	4430.00	J	mg/kg
SW029	1098	12/06/92	005	12/17/92	12/24/92	SO	MB7	MET	SODIUM	1190.00	J	mg/kg
SW029	1098	12/06/92	005	12/17/92	12/24/92	SO	MB7	MET	VANADIUM	57.30	J	mg/kg
SW029	1098	12/06/92	005	12/17/92	12/24/92	SO	MB7	MET	ZINC	49.10	J	mg/kg
SW029	1098	12/06/92	005	/ /	12/16/92	SO	VBLK09	VOL	ACETONE	38.00	J	ug/kg
SW029	1098	12/06/92	005	/ /	12/16/92	SO	VBLK09	VOL	METHYLENE CHLORIDE	25.00	BR	ug/kg
SW029	1099	12/06/92	005	12/15/92	12/17/92	SR	SBLK36	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	120.00	J	ug/kg
SW029	1099	12/06/92	005	12/15/92	12/17/92	SR	SBLK36	BNA	DI-N-BUTYLPHTHALATE	100.00	BR	ug/kg
SW029	1099	12/06/92	005	12/15/92	12/17/92	SR	SBLK36	BNA	PHENANTHRENE	47.00	J	ug/kg
SW029	1099	12/06/92	005	12/17/92	12/24/92	SR	MB7	MET	ALUMINUM	19600.00	J	mg/kg
SW029	1099	12/06/92	005	12/17/92	12/24/92	SR	MB7	MET	ARSENIC	33.00	J	mg/kg
SW029	1099	12/06/92	005	12/17/92	12/24/92	SR	MB7	MET	BARIUM	167.00	J	mg/kg
SW029	1099	12/06/92	005	12/17/92	12/24/92	SR	MB7	MET	BERYLLIUM	0.59	J	mg/kg
SW029	1099	12/06/92	005	12/17/92	12/24/92	SR	MB7	MET	CALCIUM	4450.00	J	mg/kg
SW029	1099	12/06/92	005	12/17/92	12/24/92	SR	MB7	MET	CHROMIUM	15.30	J	mg/kg
SW029	1099	12/06/92	005	12/17/92	12/24/92	SR	MB7	MET	COBALT	10.30	J	mg/kg
SW029	1099	12/06/92	005	12/17/92	12/24/92	SR	MB7	MET	COPPER	21.20	J	mg/kg
SW029	1099	12/06/92	005	12/17/92	12/24/92	SR	MB7	MET	IRON	21900.00	J	mg/kg
SW029	1099	12/06/92	005	12/17/92	12/24/92	SR	MB7	MET	LEAD	9.00	J	mg/kg
SW029	1099	12/06/92	005	12/17/92	12/24/92	SR	MB7	MET	MAGNESIUM	5040.00	J	mg/kg
SW029	1099	12/06/92	005	12/17/92	12/24/92	SR	MB7	MET	MANGANESE	377.00	J	mg/kg
SW029	1099	12/06/92	005	12/17/92	12/24/92	SR	MB7	MET	NICKEL	17.00	J	mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 7

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
SW029	1099	12/06/92	005	12/17/92	12/24/92	SO	MB7	MET	POTASSIUM	3880.00	J	mg/kg
SW029	1099	12/06/92	005	12/17/92	12/24/92	SO	MB7	MET	SODIUM	1080.00	J	mg/kg
SW029	1099	12/06/92	005	12/17/92	12/24/92	SO	MB7	MET	VANADIUM	56.90	J	mg/kg
SW029	1099	12/06/92	005	12/17/92	12/24/92	SO	MB7	MET	ZINC	45.90	J	mg/kg
SW029	1099	12/06/92	005	/ /	12/16/92	SO	VBLK09	VOL	CHLOROFORM	2.00	J	ug/kg
SW029	1099	12/06/92	005	/ /	12/16/92	SO	VBLK09	VOL	METHYLENE CHLORIDE	19.00	BR	ug/kg
SW029	1100	12/06/92	007	12/15/92	12/18/92	SO	SBLK36	SMA	BIS(2-ETHYLHEXYL)PHTHALATE	110.00	J	ug/kg
SW029	1100	12/06/92	007	12/15/92	12/18/92	SO	SBLK36	SMA	FLUORANTHENE	49.00	J	ug/kg
SW029	1100	12/06/92	007	12/15/92	12/18/92	SO	SBLK36	SMA	PHENANTHRENE	54.00	J	ug/kg
SW029	1100	12/06/92	007	12/15/92	12/18/92	SO	SBLK36	SMA	PYRENE	56.00	J	ug/kg
SW029	1100	12/06/92	007	12/17/92	12/24/92	SO	MB7	MET	ALUMINUM	29900.00	J	mg/kg
SW029	1100	12/06/92	007	12/17/92	12/24/92	SO	MB7	MET	ARSENIC	36.90	J	mg/kg
SW029	1100	12/06/92	007	12/17/92	12/24/92	SO	MB7	MET	BARIUM	173.00	J	mg/kg
SW029	1100	12/06/92	007	12/17/92	12/24/92	SO	MB7	MET	BERYLLIUM	0.79	J	mg/kg
SW029	1100	12/06/92	007	12/17/92	12/24/92	SO	MB7	MET	CALCIUM	8310.00	J	mg/kg
SW029	1100	12/06/92	007	12/17/92	12/24/92	SO	MB7	MET	CHROMIUM	25.70	J	mg/kg
SW029	1100	12/06/92	007	12/17/92	12/24/92	SO	MB7	MET	COBALT	15.60	J	mg/kg
SW029	1100	12/06/92	007	12/17/92	12/24/92	SO	MB7	MET	COPPER	54.90	J	mg/kg
SW029	1100	12/06/92	007	12/17/92	12/24/92	SO	MB7	MET	IRON	20700.00	J	mg/kg
SW029	1100	12/06/92	007	12/17/92	12/24/92	SO	MB7	MET	LEAD	8.20	J	mg/kg
SW029	1100	12/06/92	007	12/17/92	12/24/92	SO	MB7	MET	MAGNESIUM	5480.00	J	mg/kg
SW029	1100	12/06/92	007	12/17/92	12/24/92	SO	MB7	MET	MANGANESE	319.00	J	mg/kg
SW029	1100	12/06/92	007	12/17/92	12/24/92	SO	MB7	MET	MERCURY	0.74	J	mg/kg
SW029	1100	12/06/92	007	12/17/92	12/24/92	SO	MB7	MET	NICKEL	31.10	J	mg/kg
SW029	1100	12/06/92	007	12/17/92	12/24/92	SO	MB7	MET	POTASSIUM	2900.00	J	mg/kg
SW029	1100	12/06/92	007	12/17/92	12/24/92	SO	MB7	MET	SODIUM	1810.00	J	mg/kg
SW029	1100	12/06/92	007	12/17/92	12/24/92	SO	MB7	MET	VANADIUM	93.30	J	mg/kg
SW029	1100	12/06/92	007	12/17/92	12/24/92	SO	MB7	MET	ZINC	60.70	J	mg/kg
SW029	1100	12/06/92	007	12/21/92	12/22/92	SO	VBLKAJ	PHC	GAS	0.06	J	mg/kg
SW029	1100	12/06/92	007	/ /	12/16/92	SO	VBLK09	VOL	METHYLENE CHLORIDE	24.00	BR	ug/kg

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 7

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
SW030	1101	12/06/92	002	12/15/92	12/17/92	SO	SBLK36	SVA	2-METHYLNAPHTHALENE	1600.00		ug/kg
SW030	1101	12/06/92	002	12/15/92	12/17/92	SO	SBLK36	SVA	ACENAPHTHENE	56.00	J	ug/kg
SW030	1101	12/06/92	002	12/15/92	12/17/92	SO	SBLK36	SVA	BIS(2-ETHYLHEXYL)PHTHALATE	91.00	J	ug/kg
SW030	1101	12/06/92	002	12/15/92	12/17/92	SO	SBLK36	SVA	NAPHTHALENE	1300.00		ug/kg
SW030	1101	12/06/92	002	12/17/92	01/08/93	SO	MB7	MET	ALUMINUM	19200.00	J	mg/kg
SW030	1101	12/06/92	002	12/17/92	01/08/93	SO	MB7	MET	ARSENIC	25.20	J	mg/kg
SW030	1101	12/06/92	002	12/17/92	01/08/93	SO	MB7	MET	BARIUM	169.00	J	mg/kg
SW030	1101	12/06/92	002	12/17/92	01/08/93	SO	MB7	MET	CALCIUM	20000.00	J	mg/kg
SW030	1101	12/06/92	002	12/17/92	01/08/93	SO	MB7	MET	CHROMIUM	9.60	J	mg/kg
SW030	1101	12/06/92	002	12/17/92	01/08/93	SO	MB7	MET	COBALT	8.60	J	mg/kg
SW030	1101	12/06/92	002	12/17/92	01/08/93	SO	MB7	MET	COPPER	21.20	J	mg/kg
SW030	1101	12/06/92	002	12/17/92	01/08/93	SO	MB7	MET	IRON	18400.00	J	mg/kg
SW030	1101	12/06/92	002	12/17/92	01/08/93	SO	MB7	MET	LEAD	7.00	J	mg/kg
SW030	1101	12/06/92	002	12/17/92	01/08/93	SO	MB7	MET	MAGNESIUM	8640.00	J	mg/kg
SW030	1101	12/06/92	002	12/17/92	01/08/93	SO	MB7	MET	MANGANESE	478.00	J	mg/kg
SW030	1101	12/06/92	002	12/17/92	01/08/93	SO	MB7	MET	MERCURY	1.90	J	mg/kg
SW030	1101	12/06/92	002	12/17/92	01/08/93	SO	MB7	MET	NICKEL	12.60	J	mg/kg
SW030	1101	12/06/92	002	12/17/92	01/08/93	SO	MB7	MET	POTASSIUM	3370.00	J	mg/kg
SW030	1101	12/06/92	002	12/17/92	01/08/93	SO	MB7	MET	SODIUM	1810.00	J	mg/kg
SW030	1101	12/06/92	002	12/17/92	01/08/93	SO	MB7	MET	VANADIUM	48.10	J	mg/kg
SW030	1101	12/06/92	002	12/17/92	01/08/93	SO	MB7	MET	ZINC	48.60	J	mg/kg
SW030	1101	12/06/92	002	12/21/92	12/22/92	SO	VBLKAJ	PHC	GAS	5.80		mg/kg
SW030	1101	12/06/92	002	/ /	12/16/92	SO	VBLKU9	VOL	ACETONE	120.00	J	ug/kg
SW030	1101	12/06/92	002	/ /	12/16/92	SO	VBLKU9	VOL	BENZENE	4.00	J	ug/kg
SW030	1101	12/06/92	002	/ /	12/16/92	SO	VBLKU9	VOL	ETHYLBENZENE	8.00	J	ug/kg
SW030	1101	12/06/92	002	/ /	12/16/92	SO	VBLKU9	VOL	METHYLENE CHLORIDE	33.00	BR	ug/kg
SW030	1101	12/06/92	002	/ /	12/16/92	SO	VBLKU9	VOL	XYLENES (TOTAL)	56.00		ug/kg
SW030	1102	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	SVA	2-METHYLNAPHTHALENE	240.00	J	ug/kg
SW030	1102	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	SVA	BENZO(A)ANTHRACENE	66.00	J	ug/kg
SW030	1102	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	SVA	BENZO(B)FLUORANTHENE	120.00	J	ug/kg

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 7

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH030	1102	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BNA	BENZO(K)FLUORANTHENE	120.00	J	ug/kg
BH030	1102	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	88.00	J	ug/kg
BH030	1102	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BNA	CHRYSENE	67.00	J	ug/kg
BH030	1102	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BNA	FLUORANTHENE	130.00	J	ug/kg
BH030	1102	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BNA	NAPHTHALENE	190.00	J	ug/kg
BH030	1102	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BNA	PHENANTHRENE	90.00	J	ug/kg
BH030	1102	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BNA	PYRENE	120.00	J	ug/kg
BH030	1102	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	ALUMINUM	16500.00	J	mg/kg
BH030	1102	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	ARSENIC	37.80	J	mg/kg
BH030	1102	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	BARIUM	194.00	J	mg/kg
BH030	1102	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	BERYLLIUM	0.58	J	mg/kg
BH030	1102	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	CALCIUM	3990.00	J	mg/kg
BH030	1102	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	CHROMIUM	12.60	J	mg/kg
BH030	1102	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	COBALT	8.80	J	mg/kg
BH030	1102	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	COPPER	18.60	J	mg/kg
BH030	1102	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	IRON	20500.00	J	mg/kg
BH030	1102	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	LEAD	7.70	J	mg/kg
BH030	1102	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	MAGNESIUM	3630.00	J	mg/kg
BH030	1102	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	MANGANESE	375.00	J	mg/kg
BH030	1102	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	NICKEL	11.70	J	mg/kg
BH030	1102	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	POTASSIUM	2980.00	J	mg/kg
BH030	1102	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	SODIUM	1240.00	J	mg/kg
BH030	1102	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	VANADIUM	46.10	J	mg/kg
BH030	1102	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	ZINC	41.90	J	mg/kg
BH030	1102	12/06/92	005	12/22/92	12/23/92	SO	VBLKAK	PNC	GAS	570.00		mg/kg
BH030	1102	12/06/92	005	/ /	12/16/92	SO	VBLKY3	VOL	2-BUTANONE	1300.00	J	ug/kg
BH030	1102	12/06/92	005	/ /	12/16/92	SO	VBLKY3	VOL	ETHYLBENZENE	2300.00		ug/kg
BH030	1102	12/06/92	005	/ /	12/16/92	SO	VBLKY3	VOL	METHYLENE CHLORIDE	630.00	BR	ug/kg
BH030	1102	12/06/92	005	/ /	12/16/92	SO	VBLKY3	VOL	XYLENES (TOTAL)	8200.00		ug/kg
BH030	1103	12/06/92	008	12/15/92	12/17/92	SO	SBLK36	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	100.00	J	ug/kg

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 7

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH030	1103	12/06/92	008	12/17/92	01/08/93	SO	M07	MET	ALUMINUM	16300.00	J	mg/kg
BH030	1103	12/06/92	008	12/17/92	01/08/93	SO	M07	MET	ARSENIC	29.70	J	mg/kg
BH030	1103	12/06/92	008	12/17/92	01/08/93	SO	M07	MET	BARIUM	106.00	J	mg/kg
BH030	1103	12/06/92	008	12/17/92	01/08/93	SO	M07	MET	BERYLLIUM	0.64	J	mg/kg
BH030	1103	12/06/92	008	12/17/92	01/08/93	SO	M07	MET	CALCIUM	6040.00	J	mg/kg
BH030	1103	12/06/92	008	12/17/92	01/08/93	SO	M07	MET	CHROMIUM	16.80	J	mg/kg
BH030	1103	12/06/92	008	12/17/92	01/08/93	SO	M07	MET	COBALT	12.70	J	mg/kg
BH030	1103	12/06/92	008	12/17/92	01/08/93	SO	M07	MET	COPPER	19.90	J	mg/kg
BH030	1103	12/06/92	008	12/17/92	01/08/93	SO	M07	MET	IRON	22200.00	J	mg/kg
BH030	1103	12/06/92	008	12/17/92	01/08/93	SO	M07	MET	LEAD	4.40	J	mg/kg
BH030	1103	12/06/92	008	12/17/92	01/08/93	SO	M07	MET	MAGNESIUM	4860.00	J	mg/kg
BH030	1103	12/06/92	008	12/17/92	01/08/93	SO	M07	MET	MANGANESE	168.00	J	mg/kg
BH030	1103	12/06/92	008	12/17/92	01/08/93	SO	M07	MET	NICKEL	38.00	J	mg/kg
BH030	1103	12/06/92	008	12/17/92	01/08/93	SO	M17	MET	POTASSIUM	2460.00	J	mg/kg
BH030	1103	12/06/92	008	12/17/92	01/08/93	SO	M07	MET	SODIUM	1260.00	J	mg/kg
BH030	1103	12/06/92	008	12/17/92	01/08/93	SO	M07	MET	VANADIUM	71.10	J	mg/kg
BH030	1103	12/06/92	008	12/17/92	01/08/93	SO	M07	MET	ZINC	57.00	J	mg/kg
BH030	1103	12/06/92	008	12/22/92	12/22/92	SO	VBLKAK	PHC	GAS	3.10	J	mg/kg
BH030	1103	12/06/92	008	/ /	12/16/92	SO	VBLKU9	VOL	METHYLENE CHLORIDE	36.00	BR	ug/kg
BH030	1103	12/06/92	008	/ /	12/16/92	SO	VBLKU9	VOL	XYLENES (TOTAL)	5.00	J	ug/kg
BH031	1104	12/06/92	002	12/15/92	12/17/92	SO	SBLK36	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	110.00	J	ug/kg
BH031	1104	12/06/92	002	12/17/92	01/08/93	SO	M07	MET	ALUMINUM	20700.00	J	mg/kg
BH031	1104	12/06/92	002	12/17/92	01/08/93	SO	M07	MET	ARSENIC	58.10	J	mg/kg
BH031	1104	12/06/92	002	12/17/92	01/08/93	SO	M07	MET	BARIUM	178.00	J	mg/kg
BH031	1104	12/06/92	002	12/17/92	01/08/93	SO	M07	MET	BERYLLIUM	0.82	J	mg/kg
BH031	1104	12/06/92	002	12/17/92	01/08/93	SO	M07	MET	CALCIUM	5490.00	J	mg/kg
BH031	1104	12/06/92	002	12/17/92	01/08/93	SO	M07	MET	CHROMIUM	14.00	J	mg/kg
BH031	1104	12/06/92	002	12/17/92	01/08/93	SO	M07	MET	COBALT	15.10	J	mg/kg
BH031	1104	12/06/92	002	12/17/92	01/08/93	SO	M07	MET	COPPER	23.60	J	mg/kg
BH031	1104	12/06/92	002	12/17/92	01/08/93	SO	M07	MET	IRON	26300.00	J	mg/kg

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Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 7

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH031	1104	12/06/92	002	12/17/92	01/08/93	SO	MB7	MET	LEAD	10.20	J	mg/kg
BH031	1104	12/06/92	002	12/17/92	01/08/93	SO	MB7	MET	MAGNESIUM	6160.00	J	mg/kg
BH031	1104	12/06/92	002	12/17/92	01/08/93	SO	MB7	MET	MANGANESE	572.00	J	mg/kg
BH031	1104	12/06/92	002	12/17/92	01/08/93	SO	MB7	MET	POTASSIUM	4510.00	J	mg/kg
BH031	1104	12/06/92	002	12/17/92	01/08/93	SO	MB7	MET	SODIUM	1440.00	J	mg/kg
BH031	1104	12/06/92	002	12/17/92	01/08/93	SO	MB7	MET	VANADIUM	45.10	J	mg/kg
BH031	1104	12/06/92	002	12/17/92	01/08/93	SO	MB7	MET	ZINC	50.50	J	mg/kg
BH031	1104	12/06/92	002	/ /	12/16/92	SO	VBLKU9	VOL	METHYLENE CHLORIDE	58.00	BR	ug/kg
BH031	1105	12/06/92	005	12/15/92	12/17/92	SO	BBLK37	BNA	2,4-DIMETHYLPHENOL	180.00	J	ug/kg
BH031	1105	12/06/92	005	12/15/92	12/17/92	SO	BBLK37	BNA	2-METHYLNAPHTHALENE	1300.00		ug/kg
BH031	1105	12/06/92	005	12/15/92	12/17/92	SO	BBLK37	BNA	NAPHTHALENE	1100.00		ug/kg
BH031	1105	12/06/92	005	12/15/92	12/17/92	SO	BBLK37	BNA	PHENOL	98.00	J	ug/kg
BH031	1105	12/06/92	005	12/23/92	01/09/93	SO	MB8	MET	ALUMINUM	20800.00	J	mg/kg
BH031	1105	12/06/92	005	12/23/92	01/09/93	SO	MB8	MET	BARIUM	170.00	J	mg/kg
BH031	1105	12/06/92	005	12/23/92	01/09/93	SO	MB8	MET	BERYLLIUM	0.62	J	mg/kg
BH031	1105	12/06/92	005	12/23/92	01/09/93	SO	MB8	MET	CALCIUM	7180.00	J	mg/kg
BH031	1105	12/06/92	005	12/23/92	01/09/93	SO	MB8	MET	CHROMIUM	23.40	J	mg/kg
BH031	1105	12/06/92	005	12/23/92	01/09/93	SO	MB8	MET	COBALT	9.50	J	mg/kg
BH031	1105	12/06/92	005	12/23/92	01/09/93	SO	MB8	MET	COPPER	21.50	J	mg/kg
BH031	1105	12/06/92	005	12/23/92	01/09/93	SO	MB8	MET	IRON	22100.00	J	mg/kg
BH031	1105	12/06/92	005	12/23/92	01/09/93	SO	MB8	MET	LEAD	5.30	J	mg/kg
BH031	1105	12/06/92	005	12/23/92	01/09/93	SO	MB8	MET	MAGNESIUM	4270.00	J	mg/kg
BH031	1105	12/06/92	005	12/23/92	01/09/93	SO	MB8	MET	MANGANESE	195.00	J	mg/kg
BH031	1105	12/06/92	005	12/23/92	01/09/93	SO	MB8	MET	NICKEL	18.90	J	mg/kg
BH031	1105	12/06/92	005	12/23/92	01/09/93	SO	MB8	MET	POTASSIUM	1890.00	J	mg/kg
BH031	1105	12/06/92	005	12/23/92	01/09/93	SO	MB8	MET	SODIUM	1520.00	J	mg/kg
BH031	1105	12/06/92	005	12/23/92	01/09/93	SO	MB8	MET	VANADIUM	70.20	J	mg/kg
BH031	1105	12/06/92	005	12/23/92	01/09/93	SO	MB8	MET	ZINC	51.20	J	mg/kg
BH031	1105RE	12/06/92	005	/ /	12/22/92	SO	VBLKAJ	PHC	GAS	2500.00		mg/kg
BH031	1105	12/06/92	005	/ /	12/16/92	SO	VBLKY3	VOL	2-BUTANONE	1200.00	J	ug/kg

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Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 7

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
SW031	1105	12/06/92	005	/ /	12/16/92	SO	VBLKY3	VOL	ETHYLBENZENE	630.00	J	ug/kg
SW031	1105	12/06/92	005	/ /	12/16/92	SO	VBLKY3	VOL	METHYLENE CHLORIDE	650.00	BR	ug/kg
SW031	1105	12/06/92	005	/ /	12/16/92	SO	VBLKY3	VOL	XYLENES (TOTAL)	2600.00		ug/kg
SW031	1106	12/06/92	005	12/24/92	12/29/92	SR	SBLK37	BNA	2,4-DIMETHYLPHENOL	190.00	J	ug/kg
SW031	1106	12/06/92	005	12/24/92	12/29/92	SR	SBLK37	BNA	2-METHYLNAPHTHALENE	1200.00		ug/kg
SW031	1106	12/06/92	005	12/24/92	12/29/92	SR	SBLK37	BNA	NAPHTHALENE	900.00		ug/kg
SW031	1106RE	12/06/92	005	12/24/92	12/29/92	SR	SBLK01	BNA	2-METHYLNAPHTHALENE	20000.00	J	ug/kg
SW031	1106RE	12/06/92	005	12/24/92	12/29/92	SR	SBLK01	BNA	ACENAPHTHENE	350.00	J	ug/kg
SW031	1106RE	12/06/92	005	12/24/92	12/29/92	SR	SBLK01	BNA	NAPHTHALENE	13000.00	J	ug/kg
SW031	1106	12/06/92	005	12/23/92	01/09/93	SR	MDB	MET	ALUMINUM	17300.00	J	mg/kg
SW031	1106	12/06/92	005	12/23/92	01/09/93	SR	MDB	MET	ARSENIC	115.00	J	mg/kg
SW031	1106	12/06/92	005	12/23/92	01/09/93	SR	MDB	MET	BARIUM	127.00	J	mg/kg
SW031	1106	12/06/92	005	12/23/92	01/09/93	SR	MDB	MET	BERYLLIUM	0.79	J	mg/kg
SW031	1106	12/06/92	005	12/23/92	01/09/93	SR	MDB	MET	CALCIUM	9970.00	J	mg/kg
SW031	1106	12/06/92	005	12/23/92	01/09/93	SR	MDB	MET	CHROMIUM	18.50	J	mg/kg
SW031	1106	12/06/92	005	12/23/92	01/09/93	SR	MDB	MET	COBALT	9.30	J	mg/kg
SW031	1106	12/06/92	005	12/23/92	01/09/93	SR	MDB	MET	COPPER	21.50	J	mg/kg
SW031	1106	12/06/92	005	12/23/92	01/09/93	SR	MDB	MET	IRON	24600.00	J	mg/kg
SW031	1106	12/06/92	005	12/23/92	01/09/93	SR	MDB	MET	LEAD	4.40	J	mg/kg
SW031	1106	12/06/92	005	12/23/92	01/09/93	SR	MDB	MET	MAGNESIUM	4020.00	J	mg/kg
SW031	1106	12/06/92	005	12/23/92	01/09/93	SR	MDB	MET	MANGANESE	170.00	J	mg/kg
SW031	1106	12/06/92	005	12/23/92	01/09/93	SR	MDB	MET	NICKEL	20.40	J	mg/kg
SW031	1106	12/06/92	005	12/23/92	01/09/93	SR	MDB	MET	POTASSIUM	1660.00	J	mg/kg
SW031	1106	12/06/92	005	12/23/92	01/09/93	SR	MDB	MET	SODIUM	1230.00	J	mg/kg
SW031	1106	12/06/92	005	12/23/92	01/09/93	SR	MDB	MET	VANADIUM	72.00	J	mg/kg
SW031	1106	12/06/92	005	12/23/92	01/09/93	SR	MDB	MET	ZINC	52.70	J	mg/kg
SW031	1106	12/06/92	005	12/23/92	12/31/92	SR	VBLKAJ	PHC	GAS	2200.00		mg/kg
SW031	1106	12/06/92	005	/ /	12/16/92	SR	VBLKY3	VOL	BENZENE	670.00	J	ug/kg
SW031	1106	12/06/92	005	/ /	12/16/92	SR	VBLKY3	VOL	ETHYLBENZENE	24000.00		ug/kg
SW031	1106	12/06/92	005	/ /	12/16/92	SR	VBLKY3	VOL	METHYLENE CHLORIDE	990.00	BR	ug/kg

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 7

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH031	1106	12/06/92	005	/ /	12/16/92	SO	VBLKY3	VOL	TOLUENE	3900.00		ug/kg
BH031	1106	12/06/92	005	/ /	12/16/92	SO	VBLKY3	VOL	XYLENES (TOTAL)	82000.00		ug/kg
BH031	1107	12/06/92	008	12/15/92	12/18/92	SO	SBLK37	BNA	2,4-DIMETHYLPHENOL	210.00	J	ug/kg
BH031	1107	12/06/92	008	12/15/92	12/18/92	SO	SBLK37	BNA	2-METHYLNAPHTHALENE	1300.00		ug/kg
BH031	1107	12/06/92	008	12/15/92	12/18/92	SO	SBLK37	BNA	NAPHTHALENE	930.00		ug/kg
BH031	1107	12/06/92	008	12/15/92	12/18/92	SO	SBLK37	BNA	PHENOL	150.00	J	ug/kg
BH031	1107	12/06/92	008	12/23/92	12/29/92	SO	MDB	MET	ALUMINUM	19200.00	J	mg/kg
BH031	1107	12/06/92	008	12/23/92	12/29/92	SO	MDB	MET	ARSENIC	12.00	J	mg/kg
BH031	1107	12/06/92	008	12/23/92	12/29/92	SO	MDB	MET	BARIUM	113.00	J	mg/kg
BH031	1107	12/06/92	008	12/23/92	12/29/92	SO	MDB	MET	BERYLLIUM	0.66	J	mg/kg
BH031	1107	12/06/92	008	12/23/92	12/29/92	SO	MDB	MET	CALCIUM	5620.00	J	mg/kg
BH031	1107	12/06/92	008	12/23/92	12/29/92	SO	MDB	MET	CHROMIUM	21.10	J	mg/kg
BH031	1107	12/06/92	008	12/23/92	12/29/92	SO	MDB	MET	COBALT	11.50	J	mg/kg
BH031	1107	12/06/92	008	12/23/92	12/29/92	SO	MDB	MET	COPPER	19.90	J	mg/kg
BH031	1107	12/06/92	008	12/23/92	12/29/92	SO	MDB	MET	IRON	24100.00	J	mg/kg
BH031	1107	12/06/92	008	12/23/92	12/29/92	SO	MDB	MET	LEAD	6.10	J	mg/kg
BH031	1107	12/06/92	008	12/23/92	12/29/92	SO	MDB	MET	MAGNESIUM	3870.00	J	mg/kg
BH031	1107	12/06/92	008	12/23/92	12/29/92	SO	MDB	MET	MANGANESE	154.00	J	mg/kg
BH031	1107	12/06/92	008	12/23/92	12/29/92	SO	MDB	MET	MERCURY	0.14	J	mg/kg
BH031	1107	12/06/92	008	12/23/92	12/29/92	SO	MDB	MET	NICKEL	24.90	J	mg/kg
BH031	1107	12/06/92	008	12/23/92	12/29/92	SO	MDB	MET	POTASSIUM	1440.00	J	mg/kg
BH031	1107	12/06/92	008	12/23/92	12/29/92	SO	MDB	MET	SODIUM	1230.00	J	mg/kg
BH031	1107	12/06/92	008	12/23/92	12/29/92	SO	MDB	MET	VANADIUM	95.70	J	mg/kg
BH031	1107	12/06/92	008	12/23/92	12/29/92	SO	MDB	MET	ZINC	48.10	J	mg/kg
BH031	1107RE	12/06/92	008	/ /	12/22/92	SO	VBLKAJ	PHC	GAS	2800.00		mg/kg
BH031	1107	12/06/92	008	/ /	12/16/92	SO	VBLKY3	VOL	BENZENE	230.00	J	ug/kg
BH031	1107	12/06/92	008	/ /	12/16/92	SO	VBLKY3	VOL	METHYLENE CHLORIDE	800.00	BR	ug/kg
BH031	1107	12/06/92	008	/ /	12/16/92	SO	VBLKY3	VOL	XYLENES (TOTAL)	1400.00	J	ug/kg
MW006	1535	12/06/92	001	12/09/92	12/12/92	GW	SBLK05	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	17.00	J	ug/L
MW006	1535	12/06/92	001	12/09/92	12/12/92	GW	SBLK05	BNA	DI-N-BUTYLPHTHALATE	2.00	J	ug/L

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 7

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
NAV006	1535	12/06/92	001	12/09/92	12/12/92	GW	SBLK05	BNA	PHENOL	2.00	J	ug/L
NAV006	1535	12/06/92	001	12/14/92	12/14/92	GW	VIBLKTPHPV10	PHC	GAS	0.56		mg/L
NAV006	1535	12/06/92	001	/ /	12/11/92	GW	NAZVRAPBLK1	VOL	1,2-DICHLOROETHENE (TOTAL)	2.00	J	ug/L
NAV006	1535	12/06/92	001	/ /	12/11/92	GW	NAZVRAPBLK1	VOL	BENZENE	21.00		ug/L
NAV006	1535	12/06/92	001	/ /	12/11/92	GW	NAZVRAPBLK1	VOL	ETHYLBENZENE	4.00	BR	ug/L
NAV006	1535	12/06/92	001	/ /	12/11/92	GW	NAZVRAPBLK1	VOL	METHYLENE CHLORIDE	6.00	BR	ug/L
NAV006	1535	12/06/92	001	/ /	12/11/92	GW	NAZVRAPBLK1	VOL	TOLUENE	6.00	J	ug/L
NAV006	1535	12/06/92	001	/ /	12/11/92	GW	NAZVRAPBLK1	VOL	TRICHLOROETHENE	1.00	J	ug/L
NAV006	1535	12/06/92	001	/ /	12/11/92	GW	NAZVRAPBLK1	VOL	XYLENES (TOTAL)	63.00		ug/L
NAV010	1536	12/06/92	001	12/09/92	12/12/92	GW	SBLK05	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	1.00	BR	ug/L
NAV010	1536	12/06/92	001	12/09/92	12/12/92	GW	SBLK05	BNA	DI-N-BUTYLPHTHALATE	2.00	J	ug/L
NAV010	1536	12/06/92	001	/ /	12/11/92	GW	NAZVRAPBLK1	VOL	1,2-DICHLOROETHANE	5.00	J	ug/L
NAV010	1536	12/06/92	001	/ /	12/11/92	GW	NAZVRAPBLK1	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
NAV007	1537	12/06/92	001	12/09/92	12/12/92	GW	SBLK05	BNA	2-METHYLNAPHTHALENE	960.00		ug/L
NAV007	1537	12/06/92	001	12/09/92	12/12/92	GW	SBLK05	BNA	FLUORANTHENE	76.00	J	ug/L
NAV007	1537	12/06/92	001	12/09/92	12/12/92	GW	SBLK05	BNA	NAPHTHALENE	840.00		ug/L
NAV007	1537	12/06/92	001	12/09/92	12/12/92	GW	SBLK05	BNA	PHENANTHRENE	83.00	J	ug/L
NAV007	1537	12/06/92	001	12/09/92	12/12/92	GW	SBLK05	BNA	PYRENE	96.00	J	ug/L
NAV007	1537	12/06/92	001	12/15/92	12/15/92	GW	VIBLKTPHPV0A	PHC	GAS	28.00		mg/L
NAV007	1537	12/06/92	001	/ /	12/12/92	GW	NAZVRAPBLK	VOL	BENZENE	2300.00		ug/L
NAV007	1537	12/06/92	001	/ /	12/12/92	GW	NAZVRAPBLK	VOL	ETHYLBENZENE	480.00		ug/L
NAV007	1537	12/06/92	001	/ /	12/12/92	GW	NAZVRAPBLK	VOL	METHYLENE CHLORIDE	76.00	J	ug/L
NAV007	1537	12/06/92	001	/ /	12/12/92	GW	NAZVRAPBLK	VOL	XYLENES (TOTAL)	1400.00		ug/L
NAV024	1539	12/06/92	001	12/09/92	12/10/92	GW	SBLK04	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	3.00	J	ug/L
NAV024	1539	12/06/92	001	12/09/92	12/10/92	GW	SBLK04	BNA	DIETHYLPHTHALATE	1.00	J	ug/L
NAV024	1539	12/06/92	001	/ /	12/11/92	GW	NAZVRAPBLK1	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
NAV024	1539	12/06/92	001	/ /	12/11/92	GW	NAZVRAPBLK1	VOL	TOLUENE	2.00	J	ug/L
NAV023	1540	12/06/92	001	12/09/92	12/10/92	GW	SBLK04	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	1.00	J	ug/L
NAV023	1540	12/06/92	001	12/09/92	12/10/92	GW	SBLK04	BNA	DIETHYLPHTHALATE	1.00	J	ug/L
NAV023	1540	12/06/92	001	/ /	12/11/92	GW	NAZVRAPBLK1	VOL	METHYLENE CHLORIDE	3.00	BR	ug/L

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 7

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
MW023	1540	12/06/92	001	/ /	12/11/92	GW	MAZWRAPBLK1	VOL	TOLUENE	2.00	J	ug/L
MW025	1541	12/16/92	001	12/17/92	12/20/92	GW	SBLK60	BNA	2,4-DIMETHYLPHENOL	5.00	J	ug/L
MW025	1541	12/16/92	001	12/17/92	12/20/92	GW	SBLK60	BNA	2-METHYLNAPHTHALENE	5.00	J	ug/L
MW025	1541	12/16/92	001	12/17/92	12/20/92	GW	SBLK60	BNA	ACENAPHTHENE	1.00	J	ug/L
MW025	1541	12/16/92	001	12/17/92	12/20/92	GW	SBLK60	BNA	ANTHRACENE	1.00	J	ug/L
MW025	1541	12/16/92	001	12/17/92	12/20/92	GW	SBLK60	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	19.00	J	ug/L
MW025	1541	12/16/92	001	12/17/92	12/20/92	GW	SBLK60	BNA	CARBAZOLE	4.00	J	ug/L
MW025	1541	12/16/92	001	12/17/92	12/20/92	GW	SBLK60	BNA	DI-N-BUTYLPHTHALATE	1.00	J	ug/L
MW025	1541	12/16/92	001	12/17/92	12/20/92	GW	SBLK60	BNA	DIBENZOFURAN	2.00	J	ug/L
MW025	1541	12/16/92	001	12/17/92	12/20/92	GW	SBLK60	BNA	FLUORANTHENE	1.00	J	ug/L
MW025	1541	12/16/92	001	12/17/92	12/20/92	GW	SBLK60	BNA	NAPHTHALENE	6.00	J	ug/L
MW025	1541	12/16/92	001	12/17/92	12/20/92	GW	SBLK60	BNA	PHENANTHRENE	3.00	J	ug/L
MW025	1541	12/16/92	001	12/17/92	12/20/92	GW	SBLK60	BNA	PHENOL	22.00		ug/L
MW025	1541	12/16/92	001	/ /	/ /	GW	MIO	MET	ALUMINUM	235.00		ug/L
MW025	1541	12/16/92	001	/ /	/ /	GW	MIO	MET	ARSENIC	258.00	J	ug/L
MW025	1541	12/16/92	001	/ /	/ /	GW	MIO	MET	BARIUM	140.00		ug/L
MW025	1541	12/16/92	001	/ /	/ /	GW	MIO	MET	CALCIUM	152000.00		ug/L
MW025	1541	12/16/92	001	/ /	/ /	GW	MIO	MET	IRON	1450.00		ug/L
MW025	1541	12/16/92	001	/ /	/ /	GW	MIO	MET	MAGNESIUM	39500.00		ug/L
MW025	1541	12/16/92	001	/ /	/ /	GW	MIO	MET	MANGANESE	2500.00		ug/L
MW025	1541	12/16/92	001	/ /	/ /	GW	MIO	MET	POTASSIUM	18600.00		ug/L
MW025	1541	12/16/92	001	/ /	/ /	GW	MIO	MET	SODIUM	186000.00		ug/L
MW025	1541	12/16/92	001	/ /	/ /	GW	MIO	MET	ZINC	4.70		ug/L
MW025	1541	12/16/92	001	12/30/92	12/30/92	GW	VIBLKTPMPW01	PHC	GAS	2.60		mg/L
MW025	1541	12/16/92	001	/ /	12/20/92	GW	VBLKCZ	VOL	BENZENE	620.00		ug/L
MW025	1541	12/16/92	001	/ /	12/20/92	GW	VBLKCZ	VOL	METHYLENE CHLORIDE	6.00	BR	ug/L
MW025	1541	12/16/92	001	/ /	12/20/92	GW	VBLKCZ	VOL	TOLUENE	7.00	J	ug/L
MW025	1541	12/16/92	001	/ /	12/20/92	GW	VBLKCZ	VOL	XYLENES (TOTAL)	92.00		ug/L
MW010	1576	03/06/93	001	03/10/93	03/12/93	GW	SBLK51	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	1.00	BR	ug/L
MW010	1576	03/06/93	001	03/10/93	03/12/93	GW	SBLK51	BNA	BUTYLBENZYLPHTHALATE	1.00	BR	ug/L

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 7

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
MW010	1576	03/06/93	001	/ /	03/10/93	GW	VIBLKTPHW03	PHC	TPH BY GAS STD	0.05	J	mg/L
MW023	1577	03/06/93	001	03/10/93	03/12/93	GW	SBLKS1	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	2.00	BR	ug/L
MW023	1577	03/06/93	001	03/10/93	03/12/93	GW	SBLKS1	BNA	BUTYLBENZYLPHTHALATE	1.00	BR	ug/L
MW023	1577	03/06/93	001	/ /	03/11/93	GW	VBLKW5	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
MW006	1578	03/06/93	001	03/10/93	03/12/93	GW	SBLKS1	BNA	2,4-DIMETHYLPHENOL	1.00	J	ug/L
MW006	1578	03/06/93	001	03/10/93	03/12/93	GW	SBLKS1	BNA	2-METHYLNAPHTHALENE	3.00	J	ug/L
MW006	1578	03/06/93	001	03/10/93	03/12/93	GW	SBLKS1	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	3.00	BR	ug/L
MW006	1578	03/06/93	001	03/10/93	03/12/93	GW	SBLKS1	BNA	BUTYLBENZYLPHTHALATE	2.00	BR	ug/L
MW006	1578	03/06/93	001	03/10/93	03/12/93	GW	SBLKS1	BNA	NAPHTHALENE	6.00	J	ug/L
MW006	1578	03/06/93	001	03/10/93	03/12/93	GW	SBLKS1	BNA	PHENOL	4.00	J	ug/L
MW006	1578	03/06/93	001	/ /	03/11/93	GW	VIBLKTPHW05	PHC	GAS	1.60		mg/L
MW006	1578	03/06/93	001	/ /	03/11/93	GW	VBLKW5	VOL	BENZENE	67.00		ug/L
MW006	1578	03/06/93	001	/ /	03/11/93	GW	VBLKW5	VOL	CHLOROFORM	1.00	J	ug/L
MW006	1578	03/06/93	001	/ /	03/11/93	GW	VBLKW5	VOL	ETHYLBENZENE	95.00		ug/L
MW006	1578	03/06/93	001	/ /	03/11/93	GW	VBLKW5	VOL	METHYLENE CHLORIDE	31.00	BR	ug/L
MW006	1578	03/06/93	001	/ /	03/11/93	GW	VBLKW5	VOL	TOLUENE	1.00	J	ug/L
MW006	1578	03/06/93	001	/ /	03/11/93	GW	VBLKW5	VOL	XYLENES (TOTAL)	73.00		ug/L
MW024	1579	03/06/93	001	03/10/93	03/12/93	GW	SBLKS1	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	4.00	BR	ug/L
MW024	1579	03/06/93	001	03/10/93	03/12/93	GW	SBLKS1	BNA	BUTYLBENZYLPHTHALATE	2.00	BR	ug/L
MW024	1579	03/06/93	001	/ /	03/11/93	GW	VBLKW5	VOL	CHLOROFORM	1.00	J	ug/L
MW024	1579	03/06/93	001	/ /	03/11/93	GW	VBLKW5	VOL	METHYLENE CHLORIDE	32.00	BR	ug/L
MW025	1580	03/06/93	001	03/10/93	03/12/93	GW	SBLKS1	BNA	2,4-DIMETHYLPHENOL	3.00	J	ug/L
MW025	1580	03/06/93	001	03/10/93	03/12/93	GW	SBLKS1	BNA	2-METHYLNAPHTHALENE	8.00	J	ug/L
MW025	1580	03/06/93	001	03/10/93	03/12/93	GW	SBLKS1	BNA	4-METHYLPHENOL	1.00	J	ug/L
MW025	1580	03/06/93	001	03/10/93	03/12/93	GW	SBLKS1	BNA	ACENAPHTHENE	2.00	J	ug/L
MW025	1580	03/06/93	001	03/10/93	03/12/93	GW	SBLKS1	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	4.00	BR	ug/L
MW025	1580	03/06/93	001	03/10/93	03/12/93	GW	SBLKS1	BNA	BUTYLBENZYLPHTHALATE	1.00	BR	ug/L
MW025	1580	03/06/93	001	03/10/93	03/12/93	GW	SBLKS1	BNA	CARBAZOLE	3.00	J	ug/L
MW025	1580	03/06/93	001	03/10/93	03/12/93	GW	SBLKS1	BNA	DIBENZOFURAN	1.00	J	ug/L
MW025	1580	03/06/93	001	03/10/93	03/12/93	GW	SBLKS1	BNA	FLUORENE	1.00	J	ug/L

04/21/94

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 7

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
MW025	1580	03/06/95	001	03/10/95	03/12/95	GW	95LK51	BNA	NAPHTHALENE	12.00		ug/L
MW025	1580	03/06/95	001	03/10/95	03/12/95	GW	95LK51	BNA	PHENANTHRENE	2.00	J	ug/L
MW025	1580	03/06/95	001	03/10/95	03/12/95	GW	95LK51	BNA	PHENOL	32.00		ug/L
MW025	1580	03/06/95	001	/ /	03/11/95	GW	V1BLKTPHW05	PHC	GAS	1.00		mg/L
MW025	1580	03/06/95	001	/ /	03/11/95	GW	V0LK05	VOL	BENZENE	380.00		ug/L
MW025	1580	03/06/95	001	/ /	03/11/95	GW	V0LK05	VOL	ETHYLBENZENE	14.00	J	ug/L
MW025	1580	03/06/95	001	/ /	03/11/95	GW	V0LK05	VOL	METHYLENE CHLORIDE	22.00	BR	ug/L
MW025	1580	03/06/95	001	/ /	03/11/95	GW	V0LK05	VOL	TOLUENE	8.00	J	ug/L
MW025	1580	03/06/95	001	/ /	03/11/95	GW	V0LK05	VOL	XYLENES (TOTAL)	99.00		ug/L
MW007	1581	03/06/95	001	03/10/95	03/12/95	GW	95LK51	BNA	2-METHYLNAPHTHALENE	9000.00		ug/L
MW007	1581	03/06/95	001	03/10/95	03/12/95	GW	95LK51	BNA	ACENAPHTHENE	240.00	J	ug/L
MW007	1581	03/06/95	001	03/10/95	03/12/95	GW	95LK51	BNA	ANTHRACENE	210.00	J	ug/L
MW007	1581	03/06/95	001	03/10/95	03/12/95	GW	95LK51	BNA	BENZO(A)ANTHRACENE	280.00	J	ug/L
MW007	1581	03/06/95	001	03/10/95	03/12/95	GW	95LK51	BNA	BENZO(A)PYRENE	160.00	J	ug/L
MW007	1581	03/06/95	001	03/10/95	03/12/95	GW	95LK51	BNA	BENZO(B)FLUORANTHENE	290.00	J	ug/L
MW007	1581	03/06/95	001	03/10/95	03/12/95	GW	95LK51	BNA	BENZO(K)FLUORANTHENE	290.00	J	ug/L
MW007	1581	03/06/95	001	03/10/95	03/12/95	GW	95LK51	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	160.00	J	ug/L
MW007	1581	03/06/95	001	03/10/95	03/12/95	GW	95LK51	BNA	CHRYSENE	330.00	J	ug/L
MW007	1581	03/06/95	001	03/10/95	03/12/95	GW	95LK51	BNA	DIBENZOFURAN	130.00	J	ug/L
MW007	1581	03/06/95	001	03/10/95	03/12/95	GW	95LK51	BNA	FLUORANTHENE	660.00		ug/L
MW007	1581	03/06/95	001	03/10/95	03/12/95	GW	95LK51	BNA	FLUORENE	220.00	J	ug/L
MW007	1581	03/06/95	001	03/10/95	03/12/95	GW	95LK51	BNA	NAPHTHALENE	6400.00		ug/L
MW007	1581	03/06/95	001	03/10/95	03/12/95	GW	95LK51	BNA	PHENANTHRENE	650.00		ug/L
MW007	1581	03/06/95	001	03/10/95	03/12/95	GW	95LK51	BNA	PYRENE	610.00	J	ug/L
MW007	1581DL	03/06/95	001	03/10/95	03/12/95	GW	95LK51	BNA	2-METHYLNAPHTHALENE	9600.00		ug/L
MW007	1581DL	03/06/95	001	03/10/95	03/12/95	GW	95LK51	BNA	ACENAPHTHENE	330.00	J	ug/L
MW007	1581DL	03/06/95	001	03/10/95	03/12/95	GW	95LK51	BNA	ANTHRACENE	260.00	J	ug/L
MW007	1581DL	03/06/95	001	03/10/95	03/12/95	GW	95LK51	BNA	BENZO(A)ANTHRACENE	330.00	J	ug/L
MW007	1581DL	03/06/95	001	03/10/95	03/12/95	GW	95LK51	BNA	BENZO(A)PYRENE	190.00	J	ug/L
MW007	1581DL	03/06/95	001	03/10/95	03/12/95	GW	95LK51	BNA	BENZO(B)FLUORANTHENE	320.00	J	ug/L

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 7

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
MW007	15810L	03/06/95	001	03/10/95	03/12/95	GW	SBLK51	BNA	BENZO(K)FLUORANTHENE	320.00	J	ug/L
MW007	15810L	03/06/95	001	03/10/95	03/12/95	GW	SBLK51	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	190.00	J	ug/L
MW007	15810L	03/06/95	001	03/10/95	03/12/95	GW	SBLK51	BNA	CHRYSENE	380.00	J	ug/L
MW007	15810L	03/06/95	001	03/10/95	03/12/95	GW	SBLK51	BNA	DIBENZOFURAN	160.00	J	ug/L
MW007	15810L	03/06/95	001	03/10/95	03/12/95	GW	SBLK51	BNA	FLUORANTHENE	700.00	J	ug/L
MW007	15810L	03/06/95	001	03/10/95	03/12/95	GW	SBLK51	BNA	FLUORENE	300.00	J	ug/L
MW007	15810L	03/06/95	001	03/10/95	03/12/95	GW	SBLK51	BNA	NAPHTHALENE	6900.00		ug/L
MW007	15810L	03/06/95	001	03/10/95	03/12/95	GW	SBLK51	BNA	PHENANTHRENE	760.00	J	ug/L
MW007	15810L	03/06/95	001	03/10/95	03/12/95	GW	SBLK51	BNA	PYRENE	700.00	J	ug/L
MW007	1581	03/06/95	001	/ /	03/11/95	GW	VIBLKTPH05	PHC	GAS	14.00		mg/L
MW010	1595	03/17/95	001	/ /	03/19/95	GW	VBLK02	VOL	1,2-DICHLOROETHANE	2.00	J	ug/L
MW010	1595	03/17/95	001	/ /	03/19/95	GW	VBLK02	VOL	METHYLENE CHLORIDE	5.00	BR	ug/L
MW007	1595	03/17/95	001	/ /	03/19/95	GW	VBLK02	VOL	BENZENE	2100.00		ug/L
MW007	1595	03/17/95	001	/ /	03/19/95	GW	VBLK02	VOL	ETHYLBENZENE	480.00		ug/L
MW007	1595	03/17/95	001	/ /	03/19/95	GW	VBLK02	VOL	METHYLENE CHLORIDE	51.00	J	ug/L
MW007	1595	03/17/95	001	/ /	03/19/95	GW	VBLK02	VOL	XYLENES (TOTAL)	1000.00		ug/L

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 13

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
SH016	1060	12/05/92	004	12/11/92	12/16/92	SO	SBLK24	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	88.00	J	ug/kg
SH016	1060	12/05/92	004	12/11/92	12/16/92	SO	SBLK24	BNA	DI-N-BUTYLPHTHALATE	72.00	BR	ug/kg
SH016	1060	12/05/92	004	12/16/92	12/23/92	SO	MB5	MET	ALUMINUM	13700.00	J	mg/kg
SH016	1060	12/05/92	004	12/16/92	12/23/92	SO	MB5	MET	ARSENIC	17.20	J	mg/kg
SH016	1060	12/05/92	004	12/16/92	12/23/92	SO	MB5	MET	BARIUM	108.00	J	mg/kg
SH016	1060	12/05/92	004	12/16/92	12/23/92	SO	MB5	MET	CALCIUM	6960.00	J	mg/kg
SH016	1060	12/05/92	004	12/16/92	12/23/92	SO	MB5	MET	CHROMIUM	11.90	J	mg/kg
SH016	1060	12/05/92	004	12/16/92	12/23/92	SO	MB5	MET	COBALT	5.70	J	mg/kg
SH016	1060	12/05/92	004	12/16/92	12/23/92	SO	MB5	MET	COPPER	20.00	J	mg/kg
SH016	1060	12/05/92	004	12/16/92	12/23/92	SO	MB5	MET	IRON	15000.00	J	mg/kg
SH016	1060	12/05/92	004	12/16/92	12/23/92	SO	MB5	MET	LEAD	4.90	J	mg/kg
SH016	1060	12/05/92	004	12/16/92	12/23/92	SO	MB5	MET	MAGNESIUM	5730.00	J	mg/kg
SH016	1060	12/05/92	004	12/16/92	12/23/92	SO	MB5	MET	MANGANESE	248.00	J	mg/kg
SH016	1060	12/05/92	004	12/16/92	12/23/92	SO	MB5	MET	NICKEL	14.30	J	mg/kg
SH016	1060	12/05/92	004	12/16/92	12/23/92	SO	MB5	MET	POTASSIUM	1880.00	J	mg/kg
SH016	1060	12/05/92	004	12/16/92	12/23/92	SO	MB5	MET	SODIUM	1120.00	J	mg/kg
SH016	1060	12/05/92	004	12/16/92	12/23/92	SO	MB5	MET	VANADIUM	42.00	J	mg/kg
SH016	1060	12/05/92	004	12/16/92	12/23/92	SO	MB5	MET	ZINC	37.10	J	mg/kg
SH016	1060	12/05/92	004	12/17/92	12/17/92	SO	VBLK08	PHC	GAS	39.00		mg/kg
SH016	1060	12/05/92	004	/ /	12/11/92	SO	VBLK04	VOL	ACETONE	28.00	BR	ug/kg
SH016	1060	12/05/92	004	/ /	12/11/92	SO	VBLK04	VOL	METHYLENE CHLORIDE	21.00	BR	ug/kg
SH016	1061	12/05/92	006	12/11/92	12/16/92	SO	SBLK24	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	77.00	J	ug/kg
SH016	1061	12/05/92	006	12/11/92	12/16/92	SO	SBLK24	BNA	DI-N-BUTYLPHTHALATE	85.00	BR	ug/kg
SH016	1061	12/05/92	006	12/16/92	01/05/93	SO	MB5	MET	ALUMINUM	25200.00	J	mg/kg
SH016	1061	12/05/92	006	12/16/92	01/05/93	SO	MB5	MET	ARSENIC	16.10	J	mg/kg
SH016	1061	12/05/92	006	12/16/92	01/05/93	SO	MB5	MET	BARIUM	175.00	J	mg/kg
SH016	1061	12/05/92	006	12/16/92	01/05/93	SO	MB5	MET	BERYLLIUM	0.71	J	mg/kg
SH016	1061	12/05/92	006	12/16/92	01/05/93	SO	MB5	MET	CALCIUM	8680.00	J	mg/kg
SH016	1061	12/05/92	006	12/16/92	01/05/93	SO	MB5	MET	CHROMIUM	26.40	J	mg/kg
SH016	1061	12/05/92	006	12/16/92	01/05/93	SO	MB5	MET	COBALT	10.60	J	mg/kg

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 13

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH016	1061	12/05/92	006	12/16/92	01/05/93	SO	MB5	MET	COPPER	37.60	J	mg/kg
BH016	1061	12/05/92	006	12/16/92	01/05/93	SO	MB5	MET	IRON	29800.00	J	mg/kg
BH016	1061	12/05/92	006	12/16/92	01/05/93	SO	MB5	MET	LEAD	7.40	J	mg/kg
BH016	1061	12/05/92	006	12/16/92	01/05/93	SO	MB5	MET	MAGNESIUM	5190.00	J	mg/kg
BH016	1061	12/05/92	006	12/16/92	01/05/93	SO	MB5	MET	MANGANESE	376.00	J	mg/kg
BH016	1061	12/05/92	006	12/16/92	01/05/93	SO	MB5	MET	NICKEL	24.40	J	mg/kg
BH016	1061	12/05/92	006	12/16/92	01/05/93	SO	MB5	MET	POTASSIUM	1650.00	J	mg/kg
BH016	1061	12/05/92	006	12/16/92	01/05/93	SO	MB5	MET	SODIUM	1740.00	J	mg/kg
BH016	1061	12/05/92	006	12/16/92	01/05/93	SO	MB5	MET	VANADIUM	65.60	J	mg/kg
BH016	1061	12/05/92	006	12/16/92	01/05/93	SO	MB5	MET	ZINC	116.00	J	mg/kg
BH016	1061	12/05/92	006	12/17/92	12/17/92	SO	VBLK08	PHC	GAS	0.21		mg/kg
BH016	1061	12/05/92	006	/ /	12/11/92	SO	VBLK14	VOL	ACETONE	20.00	UR	ug/kg
BH016	1061	12/05/92	006	/ /	12/11/92	SO	VBLK14	VOL	METHYLENE CHLORIDE	20.00	UR	ug/kg
BH016	1062	12/05/92	006	12/11/92	12/16/92	SR	SBLK24	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	88.00	J	ug/kg
BH016	1062	12/05/92	006	12/11/92	12/16/92	SR	SBLK24	BNA	DI-N-BUTYLPHTHALATE	84.00	UR	ug/kg
BH016	1062	12/05/92	006	12/16/92	01/05/93	SR	MB5	MET	ALUMINUM	25300.00	J	mg/kg
BH016	1062	12/05/92	006	12/16/92	01/05/93	SR	MB5	MET	ARSENIC	101.00	J	mg/kg
BH016	1062	12/05/92	006	12/16/92	01/05/93	SR	MB5	MET	BARIUM	195.00	J	mg/kg
BH016	1062	12/05/92	006	12/16/92	01/05/93	SR	MB5	MET	CALCIUM	7940.00	J	mg/kg
BH016	1062	12/05/92	006	12/16/92	01/05/93	SR	MB5	MET	CHROMIUM	23.20	J	mg/kg
BH016	1062	12/05/92	006	12/16/92	01/05/93	SR	MB5	MET	COBALT	9.70	J	mg/kg
BH016	1062	12/05/92	006	12/16/92	01/05/93	SR	MB5	MET	COPPER	24.90	J	mg/kg
BH016	1062	12/05/92	006	12/16/92	01/05/93	SR	MB5	MET	IRON	22500.00	J	mg/kg
BH016	1062	12/05/92	006	12/16/92	01/05/93	SR	MB5	MET	LEAD	5.10	J	mg/kg
BH016	1062	12/05/92	006	12/16/92	01/05/93	SR	MB5	MET	MAGNESIUM	5990.00	J	mg/kg
BH016	1062	12/05/92	006	12/16/92	01/05/93	SR	MB5	MET	MANGANESE	450.00	J	mg/kg
BH016	1062	12/05/92	006	12/16/92	01/05/93	SR	MB5	MET	NICKEL	20.10	J	mg/kg
BH016	1062	12/05/92	006	12/16/92	01/05/93	SR	MB5	MET	POTASSIUM	1560.00	J	mg/kg
BH016	1062	12/05/92	006	12/16/92	01/05/93	SR	MB5	MET	SODIUM	1870.00	J	mg/kg
BH016	1062	12/05/92	006	12/16/92	01/05/93	SR	MB5	MET	VANADIUM	58.90	J	mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 13

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH016	1062	12/05/92	006	12/16/92	01/05/93	SR	MB5	MET	ZINC	51.10	J	mg/kg
BH016	1062	12/05/92	006	/ /	12/11/92	SR	VBLK14	VOL	ACETONE	17.00	BR	ug/kg
BH016	1062	12/05/92	006	/ /	12/11/92	SR	VBLK14	VOL	METHYLENE CHLORIDE	23.00	BR	ug/kg
BH016	1063	12/05/92	008	12/11/92	12/16/92	SO	SBLK24	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	66.00	J	ug/kg
BH016	1063	12/05/92	008	12/11/92	12/16/92	SO	SBLK24	BNA	DI-N-BUTYLPHTHALATE	82.00	BR	ug/kg
BH016	1063	12/05/92	008	12/16/92	01/05/93	SO	MB5	MET	ALUMINUM	14300.00	J	mg/kg
BH016	1063	12/05/92	008	12/16/92	01/05/93	SO	MB5	MET	ARSENIC	6.80	J	mg/kg
BH016	1063	12/05/92	008	12/16/92	01/05/93	SO	MB5	MET	BARIUM	117.00	J	mg/kg
BH016	1063	12/05/92	008	12/16/92	01/05/93	SO	MB5	MET	CALCIUM	4980.00	J	mg/kg
BH016	1063	12/05/92	008	12/16/92	01/05/93	SO	MB5	MET	CHROMIUM	13.60	J	mg/kg
BH016	1063	12/05/92	008	12/16/92	01/05/93	SO	MB5	MET	COBALT	14.00	J	mg/kg
BH016	1063	12/05/92	008	12/16/92	01/05/93	SO	MB5	MET	COPPER	28.60	J	mg/kg
BH016	1063	12/05/92	008	12/16/92	01/05/93	SO	MB5	MET	IRON	19000.00	J	mg/kg
BH016	1063	12/05/92	008	12/16/92	01/05/93	SO	MB5	MET	LEAD	4.90	J	mg/kg
BH016	1063	12/05/92	008	12/16/92	01/05/93	SO	MB5	MET	MAGNESIUM	3500.00	J	mg/kg
BH016	1063	12/05/92	008	12/16/92	01/05/93	SO	MB5	MET	MANGANESE	142.00	J	mg/kg
BH016	1063	12/05/92	008	12/16/92	01/05/93	SO	MB5	MET	NICKEL	28.30	J	mg/kg
BH016	1063	12/05/92	008	12/16/92	01/05/93	SO	MB5	MET	SODIUM	1060.00	J	mg/kg
BH016	1063	12/05/92	008	12/16/92	01/05/93	SO	MB5	MET	VANADIUM	70.50	J	mg/kg
BH016	1063	12/05/92	008	12/16/92	01/05/93	SO	MB5	MET	ZINC	45.70	J	mg/kg
BH016	1063	12/05/92	008	/ /	12/11/92	SO	VBLK14	VOL	ACETONE	17.00	BR	ug/kg
BH016	1063	12/05/92	008	/ /	12/11/92	SO	VBLK14	VOL	CHLOROFORM	1.00	J	ug/kg
BH016	1063	12/05/92	008	/ /	12/11/92	SO	VBLK14	VOL	METHYLENE CHLORIDE	19.00	BR	ug/kg
BH017	1064	12/05/92	004	12/11/92	12/16/92	SO	SBLK24	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	62.00	J	ug/kg
BH017	1064	12/05/92	004	12/11/92	12/16/92	SO	SBLK24	BNA	DI-N-BUTYLPHTHALATE	69.00	BR	ug/kg
BH017	1064	12/05/92	004	12/16/92	12/23/92	SO	MB5	MET	ALUMINUM	20500.00	J	mg/kg
BH017	1064	12/05/92	004	12/16/92	12/23/92	SO	MB5	MET	ARSENIC	5.90	J	mg/kg
BH017	1064	12/05/92	004	12/16/92	12/23/92	SO	MB5	MET	BARIUM	93.50	J	mg/kg
BH017	1064	12/05/92	004	12/16/92	12/23/92	SO	MB5	MET	BERYLLIUM	0.53	J	mg/kg
BH017	1064	12/05/92	004	12/16/92	12/23/92	SO	MB5	MET	CALCIUM	6060.00	J	mg/kg

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 13

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
SW017	1064	12/05/92	004	12/16/92	12/23/92	SO	MB5	MET	CHROMIUM	18.50	J	mg/kg
SW017	1064	12/05/92	004	12/16/92	12/23/92	SO	MB5	MET	COBALT	13.10	J	mg/kg
SW017	1064	12/05/92	004	12/16/92	12/23/92	SO	MB5	MET	COPPER	26.00	J	mg/kg
SW017	1064	12/05/92	004	12/16/92	12/23/92	SO	MB5	MET	IRON	26500.00	J	mg/kg
SW017	1064	12/05/92	004	12/16/92	12/23/92	SO	MB5	MET	LEAD	5.30	J	mg/kg
SW017	1064	12/05/92	004	12/16/92	12/23/92	SO	MB5	MET	MAGNESIUM	10000.00	J	mg/kg
SW017	1064	12/05/92	004	12/16/92	12/23/92	SO	MB5	MET	MANGANESE	564.00	J	mg/kg
SW017	1064	12/05/92	004	12/16/92	12/23/92	SO	MB5	MET	NICKEL	33.40	J	mg/kg
SW017	1064	12/05/92	004	12/16/92	12/23/92	SO	MB5	MET	POTASSIUM	4990.00	J	mg/kg
SW017	1064	12/05/92	004	12/16/92	12/23/92	SO	MB5	MET	SODIUM	1690.00	J	mg/kg
SW017	1064	12/05/92	004	12/16/92	12/23/92	SO	MB5	MET	VANADIUM	60.70	J	mg/kg
SW017	1064	12/05/92	004	12/16/92	12/23/92	SO	MB5	MET	ZINC	54.40	J	mg/kg
SW017	1064	12/05/92	004	/ /	12/11/92	SO	VBLK04	VOL	ACETONE	16.00	BR	ug/kg
SW017	1064	12/05/92	004	/ /	12/11/92	SO	VBLK04	VOL	METHYLENE CHLORIDE	23.00	BR	ug/kg
SW017	1065	12/05/92	004	12/11/92	12/16/92	SR	SBLK24	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	94.00	J	ug/kg
SW017	1065	12/05/92	004	12/11/92	12/16/92	SR	SBLK24	BNA	DI-N-BUTYLPHTHALATE	87.00	BR	ug/kg
SW017	1065	12/05/92	004	12/16/92	12/23/92	SR	MB5	MET	ALUMINUM	20000.00	J	mg/kg
SW017	1065	12/05/92	004	12/16/92	12/23/92	SR	MB5	MET	ARSENIC	19.80	J	mg/kg
SW017	1065	12/05/92	004	12/16/92	12/23/92	SR	MB5	MET	BARIUM	141.00	J	mg/kg
SW017	1065	12/05/92	004	12/16/92	12/23/92	SR	MB5	MET	CALCIUM	6390.00	J	mg/kg
SW017	1065	12/05/92	004	12/16/92	12/23/92	SR	MB5	MET	CHROMIUM	15.70	J	mg/kg
SW017	1065	12/05/92	004	12/16/92	12/23/92	SR	MB5	MET	COBALT	13.80	J	mg/kg
SW017	1065	12/05/92	004	12/16/92	12/23/92	SR	MB5	MET	COPPER	27.30	J	mg/kg
SW017	1065	12/05/92	004	12/16/92	12/23/92	SR	MB5	MET	IRON	21600.00	J	mg/kg
SW017	1065	12/05/92	004	12/16/92	12/23/92	SR	MB5	MET	LEAD	5.20	J	mg/kg
SW017	1065	12/05/92	004	12/16/92	12/23/92	SR	MB5	MET	MAGNESIUM	9920.00	J	mg/kg
SW017	1065	12/05/92	004	12/16/92	12/23/92	SR	MB5	MET	MANGANESE	734.00	J	mg/kg
SW017	1065	12/05/92	004	12/16/92	12/23/92	SR	MB5	MET	NICKEL	30.00	J	mg/kg
SW017	1065	12/05/92	004	12/16/92	12/23/92	SR	MB5	MET	POTASSIUM	4290.00	J	mg/kg
SW017	1065	12/05/92	004	12/16/92	12/23/92	SR	MB5	MET	SODIUM	1160.00	J	mg/kg

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 13

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
SWD17	1065	12/05/92	004	12/16/92	12/23/92	SR	MB5	MET	VANADIUM	58.80	J	mg/kg
SWD17	1065	12/05/92	004	12/16/92	12/23/92	SR	MB5	MET	ZINC	54.40	J	mg/kg
SWD17	1065	12/05/92	004	/ /	12/11/92	SR	VBLK04	VOL	ACETONE	24.00	BR	ug/kg
SWD17	1065	12/05/92	004	/ /	12/11/92	SR	VBLK04	VOL	METHYLENE CHLORIDE	16.00	BR	ug/kg
SWD17	1066	12/05/92	006	12/11/92	12/16/92	SO	SBLK24	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	76.00	J	ug/kg
SWD17	1066	12/05/92	006	12/11/92	12/16/92	SO	SBLK24	BNA	DI-N-BUTYLPHTHALATE	90.00	BR	ug/kg
SWD17	1066	12/05/92	006	12/16/92	01/05/93	SO	MB5	MET	ALUMINUM	12600.00	J	mg/kg
SWD17	1066	12/05/92	006	12/16/92	01/05/93	SO	MB5	MET	ARSENIC	13.80	J	mg/kg
SWD17	1066	12/05/92	006	12/16/92	01/05/93	SO	MB5	MET	BARIUM	91.10	J	mg/kg
SWD17	1066	12/05/92	006	12/16/92	01/05/93	SO	MB5	MET	BERYLLIUM	0.61	J	mg/kg
SWD17	1066	12/05/92	006	12/16/92	01/05/93	SO	MB5	MET	CALCIUM	3970.00	J	mg/kg
SWD17	1066	12/05/92	006	12/16/92	01/05/93	SO	MB5	MET	CHROMIUM	12.20	J	mg/kg
SWD17	1066	12/05/92	006	12/16/92	01/05/93	SO	MB5	MET	COBALT	5.60	J	mg/kg
SWD17	1066	12/05/92	006	12/16/92	01/05/93	SO	MB5	MET	COPPER	24.30	J	mg/kg
SWD17	1066	12/05/92	006	12/16/92	01/05/93	SO	MB5	MET	IRON	35800.00	J	mg/kg
SWD17	1066	12/05/92	006	12/16/92	01/05/93	SO	MB5	MET	LEAD	6.00	J	mg/kg
SWD17	1066	12/05/92	006	12/16/92	01/05/93	SO	MB5	MET	MAGNESIUM	3110.00	J	mg/kg
SWD17	1066	12/05/92	006	12/16/92	01/05/93	SO	MB5	MET	MANGANESE	115.00	J	mg/kg
SWD17	1066	12/05/92	006	12/16/92	01/05/93	SO	MB5	MET	NICKEL	13.10	J	mg/kg
SWD17	1066	12/05/92	006	12/16/92	01/05/93	SO	MB5	MET	POTASSIUM	2210.00	J	mg/kg
SWD17	1066	12/05/92	006	12/16/92	01/05/93	SO	MB5	MET	SODIUM	4120.00	J	mg/kg
SWD17	1066	12/05/92	006	12/16/92	01/05/93	SO	MB5	MET	VANADIUM	31.70	J	mg/kg
SWD17	1066	12/05/92	006	12/16/92	01/05/93	SO	MB5	MET	ZINC	40.30	J	mg/kg
SWD17	1066RE	12/05/92	006	/ /	12/22/92	SO	VBLKA1	PHC	GAS	2.80		mg/kg
SWD17	1066	12/05/92	006	/ /	12/11/92	SO	VBLK04	VOL	ACETONE	23.00	BR	ug/kg
SWD17	1066	12/05/92	006	/ /	12/11/92	SO	VBLK04	VOL	METHYLENE CHLORIDE	18.00	BR	ug/kg
SWD17	1067	12/05/92	008	12/11/92	12/17/92	SO	SBLK24	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	220.00	J	ug/kg
SWD17	1067	12/05/92	008	12/11/92	12/17/92	SO	SBLK24	BNA	DI-N-BUTYLPHTHALATE	100.00	BR	ug/kg
SWD17	1067	12/05/92	008	12/16/92	12/24/92	SO	MB5	MET	ALUMINUM	11000.00	J	mg/kg
SWD17	1067	12/05/92	008	12/16/92	12/24/92	SO	MB5	MET	ARSENIC	32.40	J	mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 13

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
SH017	1067	12/05/92	008	12/16/92	12/24/92	SO	MB5	MET	BARIUM	79.20	J	mg/kg
SH017	1067	12/05/92	008	12/16/92	12/24/92	SO	MB5	MET	CALCIUM	3490.00	J	mg/kg
SH017	1067	12/05/92	008	12/16/92	12/24/92	SO	MB5	MET	CHROMIUM	15.80	J	mg/kg
SH017	1067	12/05/92	008	12/16/92	12/24/92	SO	MB5	MET	COBALT	11.60	J	mg/kg
SH017	1067	12/05/92	008	12/16/92	12/24/92	SO	MB5	MET	COPPER	20.70	J	mg/kg
SH017	1067	12/05/92	008	12/16/92	12/24/92	SO	MB5	MET	IRON	16200.00	J	mg/kg
SH017	1067	12/05/92	008	12/16/92	12/24/92	SO	MB5	MET	LEAD	4.70	J	mg/kg
SH017	1067	12/05/92	008	12/16/92	12/24/92	SO	MB5	MET	MAGNESIUM	3070.00	J	mg/kg
SH017	1067	12/05/92	008	12/16/92	12/24/92	SO	MB5	MET	MANGANESE	117.00	J	mg/kg
SH017	1067	12/05/92	008	12/16/92	12/24/92	SO	MB5	MET	NICKEL	23.90	J	mg/kg
SH017	1067	12/05/92	008	12/16/92	12/24/92	SO	MB5	MET	POTASSIUM	1440.00	J	mg/kg
SH017	1067	12/05/92	008	12/16/92	12/24/92	SO	MB5	MET	SODIUM	1710.00	J	mg/kg
SH017	1067	12/05/92	008	12/16/92	12/24/92	SO	MB5	MET	VANADIUM	62.40	J	mg/kg
SH017	1067	12/05/92	008	12/16/92	12/24/92	SO	MB5	MET	ZINC	56.50	J	mg/kg
SH017	1067	12/05/92	008	12/18/92	12/18/92	SO	VBLKBG	PHC	GAS	0.03	BR	mg/kg
SH017	1067	12/05/92	008	/ /	12/11/92	SO	VBLKN4	VOL	ACETONE	40.00	BR	ug/kg
SH017	1067	12/05/92	008	/ /	12/11/92	SO	VBLKN4	VOL	METHYLENE CHLORIDE	36.00	BR	ug/kg
SH018	1068	12/05/92	003	12/11/92	12/17/92	SO	SBLK24	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	200.00	J	ug/kg
SH018	1068	12/05/92	003	12/11/92	12/17/92	SO	SBLK24	BNA	DI-N-BUTYLPHTHALATE	100.00	BR	ug/kg
SH018	1068	12/05/92	003	12/16/92	01/05/93	SO	MB5	MET	ALUMINUM	16100.00	J	mg/kg
SH018	1068	12/05/92	003	12/16/92	01/05/93	SO	MB5	MET	ARSENIC	21.70	J	mg/kg
SH018	1068	12/05/92	003	12/16/92	01/05/93	SO	MB5	MET	BARIUM	141.00	J	mg/kg
SH018	1068	12/05/92	003	12/16/92	01/05/93	SO	MB5	MET	CALCIUM	61500.00	J	mg/kg
SH018	1068	12/05/92	003	12/16/92	01/05/93	SO	MB5	MET	CHROMIUM	8.70	J	mg/kg
SH018	1068	12/05/92	003	12/16/92	01/05/93	SO	MB5	MET	COBALT	5.00	J	mg/kg
SH018	1068	12/05/92	003	12/16/92	01/05/93	SO	MB5	MET	COPPER	27.40	J	mg/kg
SH018	1068	12/05/92	003	12/16/92	01/05/93	SO	MB5	MET	IRON	12400.00	J	mg/kg
SH018	1068	12/05/92	003	12/16/92	01/05/93	SO	MB5	MET	LEAD	4.40	J	mg/kg
SH018	1068	12/05/92	003	12/16/92	01/05/93	SO	MB5	MET	MAGNESIUM	20400.00	J	mg/kg
SH018	1068	12/05/92	003	12/16/92	01/05/93	SO	MB5	MET	MANGANESE	336.00	J	mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 13

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH018	1068	12/05/92	003	12/16/92	01/05/93	SO	MB5	MET	NICKEL	11.10	J	mg/kg
BH018	1068	12/05/92	003	12/16/92	01/05/93	SO	MB5	MET	POTASSIUM	4650.00	J	mg/kg
BH018	1068	12/05/92	003	12/16/92	01/05/93	SO	MB5	MET	SODIUM	2520.00	J	mg/kg
BH018	1068	12/05/92	003	12/16/92	01/05/93	SO	MB5	MET	VANADIUM	43.40	J	mg/kg
BH018	1068	12/05/92	003	12/16/92	01/05/93	SO	MB5	MET	ZINC	59.20	J	mg/kg
BH018	1068	12/05/92	003	12/17/92	12/18/92	SO	VBLKA1	PHC	GAS	34.00		mg/kg
BH018	1068	12/05/92	003	/ /	12/11/92	SO	VBLKH4	VOL	ACETONE	67.00	BR	ug/kg
BH018	1068	12/05/92	003	/ /	12/11/92	SO	VBLKH4	VOL	METHYLENE CHLORIDE	29.00	BR	ug/kg
BH018	1069	12/05/92	005	12/16/92	12/24/92	SO	MB5	MET	ALUMINUM	21400.00	J	mg/kg
BH018	1069	12/05/92	005	12/16/92	12/24/92	SO	MB5	MET	ARSENIC	97.10	J	mg/kg
BH018	1069	12/05/92	005	12/16/92	12/24/92	SO	MB5	MET	BARIUM	105.00	J	mg/kg
BH018	1069	12/05/92	005	12/16/92	12/24/92	SO	MB5	MET	BERYLLIUM	0.56	J	mg/kg
BH018	1069	12/05/92	005	12/16/92	12/24/92	SO	MB5	MET	CALCIUM	6290.00	J	mg/kg
BH018	1069	12/05/92	005	12/16/92	12/24/92	SO	MB5	MET	CHROMIUM	18.00	J	mg/kg
BH018	1069	12/05/92	005	12/16/92	12/24/92	SO	MB5	MET	COBALT	12.30	J	mg/kg
BH018	1069	12/05/92	005	12/16/92	12/24/92	SO	MB5	MET	COPPER	21.40	J	mg/kg
BH018	1069	12/05/92	005	12/16/92	12/24/92	SO	MB5	MET	IRON	28200.00	J	mg/kg
BH018	1069	12/05/92	005	12/16/92	12/24/92	SO	MB5	MET	LEAD	5.20	J	mg/kg
BH018	1069	12/05/92	005	12/16/92	12/24/92	SO	MB5	MET	MAGNESIUM	7910.00	J	mg/kg
BH018	1069	12/05/92	005	12/16/92	12/24/92	SO	MB5	MET	MANGANESE	733.00	J	mg/kg
BH018	1069	12/05/92	005	12/16/92	12/24/92	SO	MB5	MET	NICKEL	18.40	J	mg/kg
BH018	1069	12/05/92	005	12/16/92	12/24/92	SO	MB5	MET	POTASSIUM	3600.00	J	mg/kg
BH018	1069	12/05/92	005	12/16/92	12/24/92	SO	MB5	MET	SODIUM	1550.00	J	mg/kg
BH018	1069	12/05/92	005	12/16/92	12/24/92	SO	MB5	MET	VANADIUM	61.60	J	mg/kg
BH018	1069	12/05/92	005	12/16/92	12/24/92	SO	MB5	MET	ZINC	52.80	J	mg/kg
BH018	1069	12/05/92	005	12/18/92	12/19/92	SO	VBLKB6	PHC	GAS	0.01	BR	mg/kg
BH018	1069	12/05/92	005	/ /	12/11/92	SO	VBLKH4	VOL	ACETONE	35.00	BR	ug/kg
BH018	1069	12/05/92	005	/ /	12/11/92	SO	VBLKH4	VOL	METHYLENE CHLORIDE	49.00	BR	ug/kg
BH018	1070	12/05/92	008	12/16/92	12/24/92	SO	MB5	MET	ALUMINUM	20500.00	J	mg/kg
BH018	1070	12/05/92	008	12/16/92	12/24/92	SO	MB5	MET	ARSENIC	11.20	J	mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 13

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH018	1070	12/05/92	008	12/16/92	12/24/92	SO	MB5	MET	BARIUM	195.00	J	mg/kg
BH018	1070	12/05/92	008	12/16/92	12/24/92	SO	MB5	MET	CALCIUM	5960.00	J	mg/kg
BH018	1070	12/05/92	008	12/16/92	12/24/92	SO	MB5	MET	CHROMIUM	15.60	J	mg/kg
BH018	1070	12/05/92	008	12/16/92	12/24/92	SO	MB5	MET	COBALT	14.40	J	mg/kg
BH018	1070	12/05/92	008	12/16/92	12/24/92	SO	MB5	MET	COPPER	26.20	J	mg/kg
BH018	1070	12/05/92	008	12/16/92	12/24/92	SO	MB5	MET	IRON	21400.00	J	mg/kg
BH018	1070	12/05/92	008	12/16/92	12/24/92	SO	MB5	MET	LEAD	6.60	J	mg/kg
BH018	1070	12/05/92	008	12/16/92	12/24/92	SO	MB5	MET	MAGNESIUM	4330.00	J	mg/kg
BH018	1070	12/05/92	008	12/16/92	12/24/92	SO	MB5	MET	MANGANESE	140.00	J	mg/kg
BH018	1070	12/05/92	008	12/16/92	12/24/92	SO	MB5	MET	NICKEL	26.20	J	mg/kg
BH018	1070	12/05/92	008	12/16/92	12/24/92	SO	MB5	MET	SODIUM	1190.00	J	mg/kg
BH018	1070	12/05/92	008	12/16/92	12/24/92	SO	MB5	MET	VANADIUM	71.80	J	mg/kg
BH018	1070	12/05/92	008	12/16/92	12/24/92	SO	MB5	MET	ZINC	50.30	J	mg/kg
BH018	1070	12/05/92	008	12/18/92	12/19/92	SO	VBLKBG	PHC	GAS	0.01	BR	mg/kg
BH018	1070	12/05/92	008	/ /	12/11/92	SO	VBLKM4	VOL	ACETONE	47.00	BR	ug/kg
BH018	1070	12/05/92	008	/ /	12/11/92	SO	VBLKM4	VOL	METHYLENE CHLORIDE	62.00	BR	ug/kg
BH019	1071	12/05/92	002	12/15/92	12/17/92	SO	SBLK37	BNA	BENZO(A)ANTHRACENE	88.00	J	ug/kg
BH019	1071	12/05/92	002	12/15/92	12/17/92	SO	SBLK37	BNA	BENZO(A)PYRENE	70.00	J	ug/kg
BH019	1071	12/05/92	002	12/15/92	12/17/92	SO	SBLK37	BNA	BENZO(B)FLUORANTHENE	140.00	J	ug/kg
BH019	1071	12/05/92	002	12/15/92	12/17/92	SO	SBLK37	BNA	BENZO(K)FLUORANTHENE	140.00	J	ug/kg
BH019	1071	12/05/92	002	12/15/92	12/17/92	SO	SBLK37	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	44.00	BR	ug/kg
BH019	1071	12/05/92	002	12/15/92	12/17/92	SO	SBLK37	BNA	CHRYSENE	75.00	J	ug/kg
BH019	1071	12/05/92	002	12/15/92	12/17/92	SO	SBLK37	BNA	FLUORANTHENE	160.00	J	ug/kg
BH019	1071	12/05/92	002	12/15/92	12/17/92	SO	SBLK37	BNA	PHENANTHRENE	65.00	J	ug/kg
BH019	1071	12/05/92	002	12/15/92	12/17/92	SO	SBLK37	BNA	PYRENE	130.00	J	ug/kg
BH019	1071	12/05/92	002	12/16/92	12/24/92	SO	MB5	MET	ALUMINUM	17200.00	J	mg/kg
BH019	1071	12/05/92	002	12/16/92	12/24/92	SO	MB5	MET	ARSENIC	15.10	J	mg/kg
BH019	1071	12/05/92	002	12/16/92	12/24/92	SO	MB5	MET	BARIUM	105.00	J	mg/kg
BH019	1071	12/05/92	002	12/16/92	12/24/92	SO	MB5	MET	CALCIUM	17900.00	J	mg/kg
BH019	1071	12/05/92	002	12/16/92	12/24/92	SO	MB5	MET	CHROMIUM	12.60	J	mg/kg

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 13

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH019	1071	12/05/92	002	12/16/92	12/24/92	SO	M05	MET	COBALT	8.30	J	mg/kg
BH019	1071	12/05/92	002	12/16/92	12/24/92	SO	M05	MET	COPPER	22.90	J	mg/kg
BH019	1071	12/05/92	002	12/16/92	12/24/92	SO	M05	MET	IRON	17500.00	J	mg/kg
BH019	1071	12/05/92	002	12/16/92	12/24/92	SO	M05	MET	LEAD	7.70	J	mg/kg
BH019	1071	12/05/92	002	12/16/92	12/24/92	SO	M05	MET	MAGNESIUM	9180.00	J	mg/kg
BH019	1071	12/05/92	002	12/16/92	12/24/92	SO	M05	MET	MANGANESE	279.00	J	mg/kg
BH019	1071	12/05/92	002	12/16/92	12/24/92	SO	M05	MET	NICKEL	18.40	J	mg/kg
BH019	1071	12/05/92	002	12/16/92	12/24/92	SO	M05	MET	POTASSIUM	2080.00	J	mg/kg
BH019	1071	12/05/92	002	12/16/92	12/24/92	SO	M05	MET	SODIUM	1200.00	J	mg/kg
BH019	1071	12/05/92	002	12/16/92	12/24/92	SO	M05	MET	VANADIUM	50.40	J	mg/kg
BH019	1071	12/05/92	002	12/16/92	12/24/92	SO	M05	MET	ZINC	48.60	J	mg/kg
BH019	1071	12/05/92	002	/ /	12/16/92	SO	VBLKV6	VOL	2-BUTANONE	16.00		ug/kg
BH019	1071	12/05/92	002	/ /	12/16/92	SO	VBLKV6	VOL	ACETONE	80.00	BR	ug/kg
BH019	1071	12/05/92	002	/ /	12/16/92	SO	VBLKV6	VOL	CHLOROFORM	2.00	BR	ug/kg
BH019	1071	12/05/92	002	/ /	12/16/92	SO	VBLKV6	VOL	METHYLENE CHLORIDE	37.00	BR	ug/kg
BH020	1072	12/05/92	006	12/15/92	12/18/92	SO	SBLK37	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	86.00	BR	ug/kg
BH020	1072	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	ARSENIC	27.80	J	mg/kg
BH020	1072	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	BARIUM	226.00	J	mg/kg
BH020	1072	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	BERYLLIUM	0.58	J	mg/kg
BH020	1072	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	CALCIUM	9670.00	J	mg/kg
BH020	1072	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	CHROMIUM	17.40	J	mg/kg
BH020	1072	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	COBALT	15.80	J	mg/kg
BH020	1072	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	COPPER	40.30	J	mg/kg
BH020	1072	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	IRON	27400.00	J	mg/kg
BH020	1072	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	LEAD	5.40	J	mg/kg
BH020	1072	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	MAGNESIUM	8180.00	J	mg/kg
BH020	1072	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	MANGANESE	1880.00	J	mg/kg
BH020	1072	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	NICKEL	35.00	J	mg/kg
BH020	1072	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	POTASSIUM	3990.00	J	mg/kg
BH020	1072	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	SODIUM	2640.00	J	mg/kg

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 13

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
SW020	1072	12/05/92	006	12/18/92	01/06/93	SO	MO6	MET	VANADIUM	81.50	J	mg/kg
SW020	1072	12/05/92	006	12/18/92	01/06/93	SO	MO6	MET	ZINC	70.90	J	mg/kg
SW020	1072	12/05/92	006	/ /	12/11/92	SO	VBLKN4	VOL	ACETONE	22.00	BR	ug/kg
SW020	1072	12/05/92	006	/ /	12/11/92	SO	VBLKN4	VOL	METHYLENE CHLORIDE	25.00	BR	ug/kg
SW020	1073	12/05/92	006	12/18/92	01/05/93	SR	MO6	MET	ALUMINUM	21500.00	J	mg/kg
SW020	1073	12/05/92	006	12/18/92	01/05/93	SR	MO6	MET	ARSENIC	25.70	J	mg/kg
SW020	1073	12/05/92	006	12/18/92	01/05/93	SR	MO6	MET	BARIUM	121.00	J	mg/kg
SW020	1073	12/05/92	006	12/18/92	01/05/93	SR	MO6	MET	CALCIUM	6960.00	J	mg/kg
SW020	1073	12/05/92	006	12/18/92	01/05/93	SR	MO6	MET	CHROMIUM	17.50	J	mg/kg
SW020	1073	12/05/92	006	12/18/92	01/05/93	SR	MO6	MET	COBALT	9.70	J	mg/kg
SW020	1073	12/05/92	006	12/18/92	01/05/93	SR	MO6	MET	COPPER	22.10	J	mg/kg
SW020	1073	12/05/92	006	12/18/92	01/05/93	SR	MO6	MET	IRON	23400.00	J	mg/kg
SW020	1073	12/05/92	006	12/18/92	01/05/93	SR	MO6	MET	LEAD	5.10	J	mg/kg
SW020	1073	12/05/92	006	12/18/92	01/05/93	SR	MO6	MET	MAGNESIUM	7760.00	J	mg/kg
SW020	1073	12/05/92	006	12/18/92	01/05/93	SR	MO6	MET	MANGANESE	359.00	J	mg/kg
SW020	1073	12/05/92	006	12/18/92	01/05/93	SR	MO6	MET	NICKEL	26.50	J	mg/kg
SW020	1073	12/05/92	006	12/18/92	01/05/93	SR	MO6	MET	POTASSIUM	2950.00	J	mg/kg
SW020	1073	12/05/92	006	12/18/92	01/05/93	SR	MO6	MET	SODIUM	2100.00	J	mg/kg
SW020	1073	12/05/92	006	12/18/92	01/05/93	SR	MO6	MET	VANADIUM	67.70	J	mg/kg
SW020	1073	12/05/92	006	12/18/92	01/05/93	SR	MO6	MET	ZINC	47.60	J	mg/kg
SW020	1073	12/05/92	006	/ /	12/11/92	SR	VBLKN4	VOL	ACETONE	13.00	BR	ug/kg
SW020	1073	12/05/92	006	/ /	12/11/92	SR	VBLKN4	VOL	CHLOROFORM	1.00	J	ug/kg
SW020	1073	12/05/92	006	/ /	12/11/92	SR	VBLKN4	VOL	METHYLENE CHLORIDE	29.00	BR	ug/kg
SW020	1074	12/05/92	008	12/18/92	01/06/93	SO	MO6	MET	ALUMINUM	21100.00	J	mg/kg
SW020	1074	12/05/92	008	12/18/92	01/06/93	SO	MO6	MET	ARSENIC	7.10	J	mg/kg
SW020	1074	12/05/92	008	12/18/92	01/06/93	SO	MO6	MET	BARIUM	168.00	J	mg/kg
SW020	1074	12/05/92	008	12/18/92	01/06/93	SO	MO6	MET	CALCIUM	6060.00	J	mg/kg
SW020	1074	12/05/92	008	12/18/92	01/06/93	SO	MO6	MET	CHROMIUM	18.30	J	mg/kg
SW020	1074	12/05/92	008	12/18/92	01/06/93	SO	MO6	MET	COBALT	14.50	J	mg/kg
SW020	1074	12/05/92	008	12/18/92	01/06/93	SO	MO6	MET	COPPER	23.90	J	mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 13

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH020	1074	12/05/92	008	12/18/92	01/06/93	SO	M06	MET	IRON	24000.00	J	mg/kg
BH020	1074	12/05/92	008	12/18/92	01/06/93	SO	M06	MET	LEAD	5.30	J	mg/kg
BH020	1074	12/05/92	008	12/18/92	01/06/93	SO	M06	MET	MAGNESIUM	4480.00	J	mg/kg
BH020	1074	12/05/92	008	12/18/92	01/06/93	SO	M06	MET	MANGANESE	171.00	J	mg/kg
BH020	1074	12/05/92	008	12/18/92	01/06/93	SO	M06	MET	NICKEL	25.10	J	mg/kg
BH020	1074	12/05/92	008	12/18/92	01/06/93	SO	M06	MET	POTASSIUM	2450.00	J	mg/kg
BH020	1074	12/05/92	008	12/18/92	01/06/93	SO	M06	MET	SODIUM	1950.00	J	mg/kg
BH020	1074	12/05/92	008	12/18/92	01/06/93	SO	M06	MET	VANADIUM	83.50	J	mg/kg
BH020	1074	12/05/92	008	12/18/92	01/06/93	SO	M06	MET	ZINC	56.50	J	mg/kg
BH020	1074RE	12/05/92	008	12/21/92	12/22/92	SO	VBLKAI	PHC	GAS	0.27		mg/kg
BH020	1074	12/05/92	008	/ /	12/11/92	SO	VBLKN4	VOL	ACETONE	23.00	BR	ug/kg
BH020	1074	12/05/92	008	/ /	12/11/92	SO	VBLKN4	VOL	METHYLENE CHLORIDE	24.00	BR	ug/kg
MW013	1522	12/04/92	001	12/08/92	12/10/92	GW	SBLK96	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	1.00	J	ug/L
MW013	1522	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	ALUMINUM	181.00		ug/L
MW013	1522	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	ARSENIC	23.20	J	ug/L
MW013	1522	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	BARIUM	40.60		ug/L
MW013	1522	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	CALCIUM	44200.00		ug/L
MW013	1522	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	IRON	50.20		ug/L
MW013	1522	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	MAGNESIUM	8670.00		ug/L
MW013	1522	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	MANGANESE	24.10		ug/L
MW013	1522	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	POTASSIUM	8970.00		ug/L
MW013	1522	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	SODIUM	96000.00		ug/L
MW013	1522	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	VANADIUM	8.70		ug/L
MW013	1522	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	ZINC	8.40		ug/L
MW013	1522	12/04/92	001	/ /	12/10/92	GW	VBLKW1	VOL	METHYLENE CHLORIDE	4.00	BR	ug/L
MW014	1523	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	ALUMINUM	213.00		ug/L
MW014	1523	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	ARSENIC	14.50	J	ug/L
MW014	1523	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	BARIUM	37.30		ug/L
MW014	1523	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	CALCIUM	51400.00		ug/L
MW014	1523	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	COPPER	7.80		ug/L

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 13

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
MW014	1523	12/04/92	001	12/29/92	01/09/93	GW	MB10	MET	IRON	75.20		ug/L
MW014	1523	12/04/92	001	12/29/92	01/09/93	GW	MB10	MET	MAGNESIUM	10000.00		ug/L
MW014	1523	12/04/92	001	12/29/92	01/09/93	GW	MB10	MET	MANGANESE	86.40		ug/L
MW014	1523	12/04/92	001	12/29/92	01/09/93	GW	MB10	MET	POTASSIUM	10300.00		ug/L
MW014	1523	12/04/92	001	12/29/92	01/09/93	GW	MB10	MET	SODIUM	134000.00		ug/L
MW014	1523	12/04/92	001	12/29/92	01/09/93	GW	MB10	MET	VANADIUM	10.10		ug/L
MW014	1523	12/04/92	001	12/29/92	01/09/93	GW	MB10	MET	ZINC	10.10		ug/L
MW014	1523	12/04/92	001	/ /	12/10/92	GW	VBLKWI	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
MW012	1524	12/04/92	001	12/08/92	12/10/92	GW	SBLK96	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	2.00	J	ug/L
MW012	1524	12/04/92	001	12/29/92	01/09/93	GW	MB10	MET	ALUMINUM	216.00		ug/L
MW012	1524	12/04/92	001	12/29/92	01/09/93	GW	MB10	MET	ARSENIC	16.30	J	ug/L
MW012	1524	12/04/92	001	12/29/92	01/09/93	GW	MB10	MET	BARIUM	44.20		ug/L
MW012	1524	12/04/92	001	12/29/92	01/09/93	GW	MB10	MET	CALCIUM	59900.00		ug/L
MW012	1524	12/04/92	001	12/29/92	01/09/93	GW	MB10	MET	COPPER	9.60		ug/L
MW012	1524	12/04/92	001	12/29/92	01/09/93	GW	MB10	MET	IRON	66.90		ug/L
MW012	1524	12/04/92	001	12/29/92	01/09/93	GW	MB10	MET	MAGNESIUM	12400.00		ug/L
MW012	1524	12/04/92	001	12/29/92	01/09/93	GW	MB10	MET	MANGANESE	71.00		ug/L
MW012	1524	12/04/92	001	12/29/92	01/09/93	GW	MB10	MET	POTASSIUM	12100.00		ug/L
MW012	1524	12/04/92	001	12/29/92	01/09/93	GW	MB10	MET	SODIUM	103000.00		ug/L
MW012	1524	12/04/92	001	12/29/92	01/09/93	GW	MB10	MET	VANADIUM	6.00		ug/L
MW012	1524	12/04/92	001	12/29/92	01/09/93	GW	MB10	MET	ZINC	5.80		ug/L
MW012	1524	12/04/92	001	/ /	12/10/92	GW	VBLKWI	VOL	METHYLENE CHLORIDE	20.00	BR	ug/L
MW012	1557	03/04/93	001	03/08/93	03/10/93	GW	SBLK41	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	13.00	BR	ug/L
MW012	1557	03/04/93	001	03/09/93	03/11/93	GW	MET01	MET	ALUMINUM	99.90	BR	ug/L
MW012	1557	03/04/93	001	03/09/93	03/11/93	GW	MET01	MET	ARSENIC	25.90		ug/L
MW012	1557	03/04/93	001	03/09/93	03/11/93	GW	MET01	MET	BARIUM	33.90		ug/L
MW012	1557	03/04/93	001	03/09/93	03/11/93	GW	MET01	MET	CALCIUM	34700.00		ug/L
MW012	1557	03/04/93	001	03/09/93	03/11/93	GW	MET01	MET	COPPER	8.10		ug/L
MW012	1557	03/04/93	001	03/09/93	03/11/93	GW	MET01	MET	IRON	25.80	BR	ug/L
MW012	1557	03/04/93	001	03/09/93	03/11/93	GW	MET01	MET	MAGNESIUM	6560.00		ug/L

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 13

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
MW012	1557	03/04/93	001	03/09/93	03/11/93	GW	MET01	MET	MANGANESE	15.50		ug/L
MW012	1557	03/04/93	001	03/09/93	03/11/93	GW	MET01	MET	POTASSIUM	7470.00		ug/L
MW012	1557	03/04/93	001	03/09/93	03/11/93	GW	MET01	MET	SODIUM	73000.00		ug/L
MW012	1557	03/04/93	001	03/09/93	03/11/93	GW	MET01	MET	VANADIUM	5.70		ug/L
MW012	1557	03/04/93	001	/ /	03/10/93	GW	VIBLKTPMW03	PHC	TPH BY GAS STD	0.02	J	mg/L
MW012	1557	03/04/93	001	/ /	03/09/93	GW	VBLKG6	VOL	METHYLENE CHLORIDE	5.00	BR	ug/L
MW014	1559	03/04/93	001	03/08/93	03/10/93	GW	SBLK41	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	5.00	BR	ug/L
MW014	1559	03/04/93	001	03/08/93	03/10/93	GW	SBLK41	BNA	BUTYLBENZYLPHTHALATE	1.00		ug/L
MW014	1559	03/04/93	001	03/08/93	03/10/93	GW	SBLK41	BNA	DI-N-BUTYLPHTHALATE	1.00		ug/L
MW014	1559	03/04/93	001	03/09/93	03/14/93	GW	MET01	MET	ALUMINUM	75.60	BR	ug/L
MW014	1559	03/04/93	001	03/09/93	03/14/93	GW	MET01	MET	ARSENIC	26.70		ug/L
MW014	1559	03/04/93	001	03/09/93	03/14/93	GW	MET01	MET	BARIUM	40.80		ug/L
MW014	1559	03/04/93	001	03/09/93	03/14/93	GW	MET01	MET	CALCIUM	59000.00		ug/L
MW014	1559	03/04/93	001	03/09/93	03/14/93	GW	MET01	MET	COPPER	14.80		ug/L
MW014	1559	03/04/93	001	03/09/93	03/14/93	GW	MET01	MET	MAGNESIUM	11300.00		ug/L
MW014	1559	03/04/93	001	03/09/93	03/14/93	GW	MET01	MET	MANGANESE	73.90		ug/L
MW014	1559	03/04/93	001	03/09/93	03/14/93	GW	MET01	MET	POTASSIUM	9840.00		ug/L
MW014	1559	03/04/93	001	03/09/93	03/14/93	GW	MET01	MET	SODIUM	153000.00		ug/L
MW014	1559	03/04/93	001	03/09/93	03/14/93	GW	MET01	MET	VANADIUM	7.60		ug/L
MW014	1559	03/04/93	001	03/09/93	03/14/93	GW	MET01	MET	ZINC	5.50	BR	ug/L
MW014	1559	03/04/93	001	/ /	03/09/93	GW	VBLKG6	VOL	CARBON DISULFIDE	1.00		ug/L
MW014	1559	03/04/93	001	/ /	03/09/93	GW	VBLKG6	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
MW013	1560	03/04/93	001	03/08/93	03/10/93	GW	SBLK41	BNA	BUTYLBENZYLPHTHALATE	2.00		ug/L
MW013	1560	03/04/93	001	03/09/93	03/14/93	GW	MET01	MET	ALUMINUM	72.50	BR	ug/L
MW013	1560	03/04/93	001	03/09/93	03/14/93	GW	MET01	MET	ARSENIC	23.60		ug/L
MW013	1560	03/04/93	001	03/09/93	03/14/93	GW	MET01	MET	BARIUM	43.30		ug/L
MW013	1560	03/04/93	001	03/09/93	03/14/93	GW	MET01	MET	CALCIUM	40500.00		ug/L
MW013	1560	03/04/93	001	03/09/93	03/14/93	GW	MET01	MET	COPPER	10.50		ug/L
MW013	1560	03/04/93	001	03/09/93	03/14/93	GW	MET01	MET	IRON	25.90	BR	ug/L
MW013	1560	03/04/93	001	03/09/93	03/14/93	GW	MET01	MET	MAGNESIUM	7890.00		ug/L

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 13

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
NW013	1560	03/04/93	001	03/09/93	03/14/93	GW	MET01	MET	MANGANESE	7.80	BR	ug/L
NW013	1560	03/04/93	001	03/09/93	03/14/93	GW	MET01	MET	POTASSIUM	7910.00		ug/L
NW013	1560	03/04/93	001	03/09/93	03/14/93	GW	MET01	MET	SODIUM	79100.00		ug/L
NW013	1560	03/04/93	001	03/09/93	03/14/93	GW	MET01	MET	VANADIUM	5.00		ug/L
NW013	1560	03/04/93	001	/ /	03/09/93	GW	VBLK06	VOL	CARBON DISULFIDE	14.00		ug/L
NW013	1560	03/04/93	001	/ /	03/09/93	GW	VBLK06	VOL	METHYLENE CHLORIDE	4.00	BR	ug/L

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 14

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH021	1075	12/05/92	004	12/18/92	01/05/93	SO	M06	MET	ALUMINUM	11400.00	J	mg/kg
BH021	1075	12/05/92	004	12/18/92	01/05/93	SO	M06	MET	ARSENIC	10.50	J	mg/kg
BH021	1075	12/05/92	004	12/18/92	01/05/93	SO	M06	MET	BARIUM	97.90	J	mg/kg
BH021	1075	12/05/92	004	12/18/92	01/05/93	SO	M06	MET	CALCIUM	114000.00	J	mg/kg
BH021	1075	12/05/92	004	12/18/92	01/05/93	SO	M06	MET	CHROMIUM	6.60	J	mg/kg
BH021	1075	12/05/92	004	12/18/92	01/05/93	SO	M06	MET	COBALT	3.90	J	mg/kg
BH021	1075	12/05/92	004	12/18/92	01/05/93	SO	M06	MET	COPPER	25.00	J	mg/kg
BH021	1075	12/05/92	004	12/18/92	01/05/93	SO	M06	MET	IRON	8580.00	J	mg/kg
BH021	1075	12/05/92	004	12/18/92	01/05/93	SO	M06	MET	LEAD	3.00	J	mg/kg
BH021	1075	12/05/92	004	12/18/92	01/05/93	SO	M06	MET	MAGNESIUM	35600.00	J	mg/kg
BH021	1075	12/05/92	004	12/18/92	01/05/93	SO	M06	MET	MANGANESE	290.00	J	mg/kg
BH021	1075	12/05/92	004	12/18/92	01/05/93	SO	M06	MET	NICKEL	12.50	J	mg/kg
BH021	1075	12/05/92	004	12/18/92	01/05/93	SO	M06	MET	POTASSIUM	3110.00	J	mg/kg
BH021	1075	12/05/92	004	12/18/92	01/05/93	SO	M06	MET	SODIUM	2270.00	J	mg/kg
BH021	1075	12/05/92	004	12/18/92	01/05/93	SO	M06	MET	VANADIUM	35.70	J	mg/kg
BH021	1075	12/05/92	004	12/18/92	01/05/93	SO	M06	MET	ZINC	50.40	J	mg/kg
BH021	1075RE	12/05/92	004	12/21/92	12/22/92	SO	VBLKAI	PHC	GAS	0.11		mg/kg
BH021	1075	12/05/92	004	/ /	12/17/92	SO	VBLKZ7	VOL	ACETONE	17.00	BR	ug/kg
BH021	1075	12/05/92	004	/ /	12/17/92	SO	VBLKZ7	VOL	CHLOROFORM	4.00	BR	ug/kg
BH021	1075	12/05/92	004	/ /	12/17/92	SO	VBLKZ7	VOL	METHYLENE CHLORIDE	54.00	BR	ug/kg
BH021	1076	12/05/92	006	12/15/92	12/17/92	SO	SBLK38	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	160.00	BR	ug/kg
BH021	1076	12/05/92	006	12/15/92	12/17/92	SO	SBLK38	BNA	DI-N-BUTYLPHTHALATE	150.00	BR	ug/kg
BH021	1076	12/05/92	006	12/18/92	01/04/93	SO	M06	MET	ALUMINUM	10200.00	J	mg/kg
BH021	1076	12/05/92	006	12/18/92	01/04/93	SO	M06	MET	ARSENIC	45.00	J	mg/kg
BH021	1076	12/05/92	006	12/18/92	01/04/93	SO	M06	MET	BARIUM	98.00	J	mg/kg
BH021	1076	12/05/92	006	12/18/92	01/04/93	SO	M06	MET	CALCIUM	4730.00	J	mg/kg
BH021	1076	12/05/92	006	12/18/92	01/04/93	SO	M06	MET	CHROMIUM	15.70	J	mg/kg
BH021	1076	12/05/92	006	12/18/92	01/04/93	SO	M06	MET	COBALT	9.80	J	mg/kg
BH021	1076	12/05/92	006	12/18/92	01/04/93	SO	M06	MET	COPPER	18.50	J	mg/kg
BH021	1076	12/05/92	006	12/18/92	01/04/93	SO	M06	MET	IRON	19500.00	J	mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 14

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH021	1076	12/05/92	006	12/18/92	01/04/93	SO	M06	MET	LEAD	5.60	J	mg/kg
BH021	1076	12/05/92	006	12/18/92	01/04/93	SO	M06	MET	MAGNESIUM	3770.00	J	mg/kg
BH021	1076	12/05/92	006	12/18/92	01/04/93	SO	M06	MET	MANGANESE	1600.00	J	mg/kg
BH021	1076	12/05/92	006	12/18/92	01/04/93	SO	M06	MET	NICKEL	24.60	J	mg/kg
BH021	1076	12/05/92	006	12/18/92	01/04/93	SO	M06	MET	POTASSIUM	2990.00	J	mg/kg
BH021	1076	12/05/92	006	12/18/92	01/04/93	SO	M06	MET	SODIUM	1100.00	J	mg/kg
BH021	1076	12/05/92	006	12/18/92	01/04/93	SO	M06	MET	VANADIUM	44.10	J	mg/kg
BH021	1076	12/05/92	006	12/18/92	01/04/93	SO	M06	MET	ZINC	40.40	J	mg/kg
BH021	1076	12/05/92	006	/ /	12/08/92	SO	VBLKL5	VOL	ACETONE	10.00	BR	ug/kg
BH021	1076	12/05/92	006	/ /	12/08/92	SO	VBLKL5	VOL	METHYLENE CHLORIDE	19.00	BR	ug/kg
BH021	1077	12/05/92	008	12/15/92	12/17/92	SO	SBLK38	BNA	2-METHYLNAPHTHALENE	28000.00		ug/kg
BH021	1077	12/05/92	008	12/15/92	12/17/92	SO	SBLK38	BNA	ACENAPHTHENE	210.00	J	ug/kg
BH021	1077	12/05/92	008	12/15/92	12/17/92	SO	SBLK38	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	360.00	BR	ug/kg
BH021	1077	12/05/92	008	12/15/92	12/17/92	SO	SBLK38	BNA	DIBENZOFURAN	210.00	J	ug/kg
BH021	1077	12/05/92	008	12/15/92	12/17/92	SO	SBLK38	BNA	NAPHTHALENE	11000.00		ug/kg
BH021	1077DL	12/05/92	008	12/15/92	12/19/92	SO	SBLK38	BNA	2-METHYLNAPHTHALENE	25000.00		ug/kg
BH021	1077DL	12/05/92	008	12/15/92	12/19/92	SO	SBLK38	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	560.00	BR	ug/kg
BH021	1077DL	12/05/92	008	12/15/92	12/19/92	SO	SBLK38	BNA	NAPHTHALENE	14000.00		ug/kg
BH021	1077	12/05/92	008	12/18/92	01/06/93	SO	M06	MET	ALUMINUM	9150.00	J	mg/kg
BH021	1077	12/05/92	008	12/18/92	01/06/93	SO	M06	MET	ARSENIC	24.20	J	mg/kg
BH021	1077	12/05/92	008	12/18/92	01/06/93	SO	M06	MET	BARIUM	108.00	J	mg/kg
BH021	1077	12/05/92	008	12/18/92	01/06/93	SO	M06	MET	CALCIUM	5350.00	J	mg/kg
BH021	1077	12/05/92	008	12/18/92	01/06/93	SO	M06	MET	CHROMIUM	15.10	J	mg/kg
BH021	1077	12/05/92	008	12/18/92	01/06/93	SO	M06	MET	COBALT	8.50	J	mg/kg
BH021	1077	12/05/92	008	12/18/92	01/06/93	SO	M06	MET	COPPER	21.20	J	mg/kg
BH021	1077	12/05/92	008	12/18/92	01/06/93	SO	M06	MET	IRON	19100.00	J	mg/kg
BH021	1077	12/05/92	008	12/18/92	01/06/93	SO	M06	MET	LEAD	4.10	J	mg/kg
BH021	1077	12/05/92	008	12/18/92	01/06/93	SO	M06	MET	MAGNESIUM	3220.00	J	mg/kg
BH021	1077	12/05/92	008	12/18/92	01/06/93	SO	M06	MET	MANGANESE	571.00	J	mg/kg
BH021	1077	12/05/92	008	12/18/92	01/06/93	SO	M06	MET	NICKEL	18.90	J	mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 14

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH021	1077	12/05/92	008	12/18/92	01/06/93	SO	M06	MET	POTASSIUM	1770.00	J	mg/kg
BH021	1077	12/05/92	008	12/18/92	01/06/93	SO	M06	MET	SODIUM	868.00	J	mg/kg
BH021	1077	12/05/92	008	12/18/92	01/06/93	SO	M06	MET	VANADIUM	44.80	J	mg/kg
BH021	1077	12/05/92	008	12/18/92	01/06/93	SO	M06	MET	ZINC	55.50	J	mg/kg
BH021	1077	12/05/92	008	12/16/92	12/30/92	SO	VBLKBG	PHC	GAS	2600.00		mg/kg
BH021	1077	12/05/92	008	/ /	12/08/92	SO	VBLKL5	VOL	ACETONE	11.00	BR	ug/kg
BH021	1077	12/05/92	008	/ /	12/08/92	SO	VBLKL5	VOL	METHYLENE CHLORIDE	17.00	BR	ug/kg
BH021	1077	12/05/92	008	/ /	12/08/92	SO	VBLKL5	VOL	TETRACHLOROETHENE	3.00	J	ug/kg
BH021	1077	12/05/92	008	/ /	12/08/92	SO	VBLKL5	VOL	XYLENES (TOTAL)	13.00		ug/kg
BH021	1078	12/05/92	008	12/15/92	12/17/92	SR	SBLK38	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	290.00	BR	ug/kg
BH021	1078	12/05/92	008	12/18/92	12/19/92	SR	M06	MET	ALUMINUM	11400.00	J	mg/kg
BH021	1078	12/05/92	008	12/18/92	12/19/92	SR	M06	MET	ARSENIC	125.00	J	mg/kg
BH021	1078	12/05/92	008	12/18/92	12/19/92	SR	M06	MET	BARIUM	122.00	J	mg/kg
BH021	1078	12/05/92	008	12/18/92	12/19/92	SR	M06	MET	CALCIUM	5730.00	J	mg/kg
BH021	1078	12/05/92	008	12/18/92	12/19/92	SR	M06	MET	CHROMIUM	19.10	J	mg/kg
BH021	1078	12/05/92	008	12/18/92	12/19/92	SR	M06	MET	COBALT	14.10	J	mg/kg
BH021	1078	12/05/92	008	12/18/92	12/19/92	SR	M06	MET	COPPER	31.50	J	mg/kg
BH021	1078	12/05/92	008	12/18/92	12/19/92	SR	M06	MET	IRON	30000.00	J	mg/kg
BH021	1078	12/05/92	008	12/18/92	12/19/92	SR	M06	MET	LEAD	4.20	J	mg/kg
BH021	1078	12/05/92	008	12/18/92	12/19/92	SR	M06	MET	MAGNESIUM	3550.00	J	mg/kg
BH021	1078	12/05/92	008	12/18/92	12/19/92	SR	M06	MET	MANGANESE	585.00	J	mg/kg
BH021	1078	12/05/92	008	12/18/92	12/19/92	SR	M06	MET	NICKEL	23.60	J	mg/kg
BH021	1078	12/05/92	008	12/18/92	12/19/92	SR	M06	MET	POTASSIUM	1520.00	J	mg/kg
BH021	1078	12/05/92	008	12/18/92	12/19/92	SR	M06	MET	SODIUM	1120.00	J	mg/kg
BH021	1078	12/05/92	008	12/18/92	12/19/92	SR	M06	MET	VANADIUM	66.50	J	mg/kg
BH021	1078	12/05/92	008	12/18/92	12/19/92	SR	M06	MET	ZINC	60.20	J	mg/kg
BH021	1078	12/05/92	008	12/21/92	12/22/92	SR	VBLKAI	PHC	GAS	110.00		mg/kg
BH021	1078	12/05/92	008	/ /	12/11/92	SR	VBLKL6	VOL	ACETONE	19.00	BR	ug/kg
BH021	1078	12/05/92	008	/ /	12/11/92	SR	VBLKL6	VOL	METHYLENE CHLORIDE	15.00	BR	ug/kg
BH022	1079	12/05/92	004	12/15/92	12/20/92	SO	SBLK38	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	180.00	BR	ug/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 14

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH022	1079	12/05/92	004	12/15/92	12/20/92	SO	SBLK38	BNA	DI-N-BUTYLPHTHALATE	180.00	BR	ug/kg
BH022	1079	12/05/92	004	12/18/92	01/04/93	SO	MD6	MET	ALUMINUM	27000.00	J	mg/kg
BH022	1079	12/05/92	004	12/18/92	01/04/93	SO	MD6	MET	ARSENIC	50.20	J	mg/kg
BH022	1079	12/05/92	004	12/18/92	01/04/93	SO	MD6	MET	BARIUM	148.00	J	mg/kg
BH022	1079	12/05/92	004	12/18/92	01/04/93	SO	MD6	MET	CALCIUM	5490.00	J	mg/kg
BH022	1079	12/05/92	004	12/18/92	01/04/93	SO	MD6	MET	CHROMIUM	18.60	J	mg/kg
BH022	1079	12/05/92	004	12/18/92	01/04/93	SO	MD6	MET	COBALT	9.60	J	mg/kg
BH022	1079	12/05/92	004	12/18/92	01/04/93	SO	MD6	MET	COPPER	47.70	J	mg/kg
BH022	1079	12/05/92	004	12/18/92	01/04/93	SO	MD6	MET	IRON	28800.00	J	mg/kg
BH022	1079	12/05/92	004	12/18/92	01/04/93	SO	MD6	MET	LEAD	9.10	J	mg/kg
BH022	1079	12/05/92	004	12/18/92	01/04/93	SO	MD6	MET	MAGNESIUM	10300.00	J	mg/kg
BH022	1079	12/05/92	004	12/18/92	01/04/93	SO	MD6	MET	MANGANESE	1040.00	J	mg/kg
BH022	1079	12/05/92	004	12/18/92	01/04/93	SO	MD6	MET	NICKEL	22.20	J	mg/kg
BH022	1079	12/05/92	004	12/18/92	01/04/93	SO	MD6	MET	POTASSIUM	4540.00	J	mg/kg
BH022	1079	12/05/92	004	12/18/92	01/04/93	SO	MD6	MET	SODIUM	1250.00	J	mg/kg
BH022	1079	12/05/92	004	12/18/92	01/04/93	SO	MD6	MET	VANADIUM	65.10	J	mg/kg
BH022	1079	12/05/92	004	12/18/92	01/04/93	SO	MD6	MET	ZINC	99.30	J	mg/kg
BH022	1079	12/05/92	004	/ /	12/10/92	SO	VBLK42	VOL	ACETONE	18.00	BR	ug/kg
BH022	1079	12/05/92	004	/ /	12/10/92	SO	VBLK42	VOL	CHLOROFORM	2.00	J	ug/kg
BH022	1079	12/05/92	004	/ /	12/10/92	SO	VBLK42	VOL	METHYLENE CHLORIDE	28.00	BR	ug/kg
BH022	1080	12/05/92	006	12/15/92	12/19/92	SO	SBLK38	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	290.00	BR	ug/kg
BH022	1080	12/05/92	006	12/15/92	12/19/92	SO	SBLK38	BNA	DI-N-BUTYLPHTHALATE	160.00	BR	ug/kg
BH022	1080	12/05/92	006	12/18/92	01/06/93	SO	MD6	MET	ALUMINUM	12660.00	J	mg/kg
BH022	1080	12/05/92	006	12/18/92	01/06/93	SO	MD6	MET	ARSENIC	43.60	J	mg/kg
BH022	1080	12/05/92	006	12/18/92	01/06/93	SO	MD6	MET	BARIUM	73.70	J	mg/kg
BH022	1080	12/05/92	006	12/18/92	01/06/93	SO	MD6	MET	CALCIUM	4900.00	J	mg/kg
BH022	1080	12/05/92	006	12/18/92	01/06/93	SO	MD6	MET	CHROMIUM	16.70	J	mg/kg
BH022	1080	12/05/92	006	12/18/92	01/06/93	SO	MD6	MET	COBALT	12.90	J	mg/kg
BH022	1080	12/05/92	006	12/18/92	01/06/93	SO	MD6	MET	COPPER	9.90	J	mg/kg
BH022	1080	12/05/92	006	12/18/92	01/06/93	SO	MD6	MET	IRON	21700.00	J	mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 14

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH022	1080	12/05/92	006	12/18/92	01/06/93	SO	MB6	MET	LEAD	5.00	J	mg/kg
BH022	1080	12/05/92	006	12/18/92	01/06/93	SO	MB6	MET	MAGNESIUM	3380.00	J	mg/kg
BH022	1080	12/05/92	006	12/18/92	01/06/93	SO	MB6	MET	MANGANESE	372.00	J	mg/kg
BH022	1080	12/05/92	006	12/18/92	01/06/93	SO	MB6	MET	NICKEL	21.50	J	mg/kg
BH022	1080	12/05/92	006	12/18/92	01/06/93	SO	MB6	MET	POTASSIUM	2160.00	J	mg/kg
BH022	1080	12/05/92	006	12/18/92	01/06/93	SO	MB6	MET	SODIUM	1070.00	J	mg/kg
BH022	1080	12/05/92	006	12/18/92	01/06/93	SO	MB6	MET	VANADIUM	50.40	J	mg/kg
BH022	1080	12/05/92	006	12/18/92	01/06/93	SO	MB6	MET	ZINC	36.10	J	mg/kg
BH022	1080	12/05/92	006	12/18/92	12/18/92	SO	VBLKBF	PHC	GAS	4.10		mg/kg
BH022	1080	12/05/92	006	/ /	12/08/92	SO	VBLKL5	VOL	ACETONE	10.00	BR	ug/kg
BH022	1080	12/05/92	006	/ /	12/08/92	SO	VBLKL5	VOL	METHYLENE CHLORIDE	21.00	BR	ug/kg
BH022	1081	12/05/92	008	12/18/92	01/04/93	SO	MB6	MET	ALUMINUM	9270.00	J	mg/kg
BH022	1081	12/05/92	008	12/18/92	01/04/93	SO	MB6	MET	ARSENIC	15.60	J	mg/kg
BH022	1081	12/05/92	008	12/18/92	01/04/93	SO	MB6	MET	BARIUM	75.40	J	mg/kg
BH022	1081	12/05/92	008	12/18/92	01/04/93	SO	MB6	MET	CALCIUM	5140.00	J	mg/kg
BH022	1081	12/05/92	008	12/18/92	01/04/93	SO	MB6	MET	CHROMIUM	15.40	J	mg/kg
BH022	1081	12/05/92	008	12/18/92	01/04/93	SO	MB6	MET	COBALT	6.30	J	mg/kg
BH022	1081	12/05/92	008	12/18/92	01/04/93	SO	MB6	MET	COPPER	19.40	J	mg/kg
BH022	1081	12/05/92	008	12/18/92	01/04/93	SO	MB6	MET	IRON	21100.00	J	mg/kg
BH022	1081	12/05/92	008	12/18/92	01/04/93	SO	MB6	MET	LEAD	4.50	J	mg/kg
BH022	1081	12/05/92	008	12/18/92	01/04/93	SO	MB6	MET	MAGNESIUM	3530.00	J	mg/kg
BH022	1081	12/05/92	008	12/18/92	01/04/93	SO	MB6	MET	MANGANESE	196.00	J	mg/kg
BH022	1081	12/05/92	008	12/18/92	01/04/93	SO	MB6	MET	NICKEL	13.30	J	mg/kg
BH022	1081	12/05/92	008	12/18/92	01/04/93	SO	MB6	MET	POTASSIUM	1420.00	J	mg/kg
BH022	1081	12/05/92	008	12/18/92	01/04/93	SO	MB6	MET	SODIUM	908.00	J	mg/kg
BH022	1081	12/05/92	008	12/18/92	01/04/93	SO	MB6	MET	VANADIUM	39.60	J	mg/kg
BH022	1081	12/05/92	008	12/18/92	01/04/93	SO	MB6	MET	ZINC	45.40	J	mg/kg
BH022	1081DL	12/05/92	008	12/16/92	12/18/92	SO	VBLKBL	PHC	GAS	1700.00		mg/kg
BH022	1081	12/05/92	008	/ /	12/11/92	SO	VBLKL6	VOL	ACETONE	16.00	BR	ug/kg
BH022	1081	12/05/92	008	/ /	12/11/92	SO	VBLKL6	VOL	METHYLENE CHLORIDE	19.00	BR	ug/kg

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 14

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH022	1081	12/05/92	008	/ /	12/11/92	SO	VBLKL6	VOL	TETRACHLOROETHENE	3.00	J	ug/kg
BH023	1082	12/05/92	004	12/15/92	12/17/92	SO	SBLK388	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	110.00	BR	ug/kg
BH023	1082	12/05/92	004	12/15/92	12/17/92	SO	SBLK388	BNA	DI-N-BUTYLPHTHALATE	88.00	BR	ug/kg
BH023	1082	12/05/92	004	12/18/92	01/04/93	SO	M06	MET	ALUMINUM	24900.00	J	mg/kg
BH023	1082	12/05/92	004	12/18/92	01/04/93	SO	M06	MET	ARSENIC	22.30	J	mg/kg
BH023	1082	12/05/92	004	12/18/92	01/04/93	SO	M06	MET	BARIUM	156.00	J	mg/kg
BH023	1082	12/05/92	004	12/18/92	01/04/93	SO	M06	MET	CALCIUM	6190.00	J	mg/kg
BH023	1082	12/05/92	004	12/18/92	01/04/93	SO	M06	MET	CHROMIUM	15.50	J	mg/kg
BH023	1082	12/05/92	004	12/18/92	01/04/93	SO	M06	MET	COBALT	10.30	J	mg/kg
BH023	1082	12/05/92	004	12/18/92	01/04/93	SO	M06	MET	COPPER	29.80	J	mg/kg
BH023	1082	12/05/92	004	12/18/92	01/04/93	SO	M06	MET	IRON	25000.00	J	mg/kg
BH023	1082	12/05/92	004	12/18/92	01/04/93	SO	M06	MET	LEAD	8.00	J	mg/kg
BH023	1082	12/05/92	004	12/18/92	01/04/93	SO	M06	MET	MAGNESIUM	13000.00	J	mg/kg
BH023	1082	12/05/92	004	12/18/92	01/04/93	SO	M06	MET	MANGANESE	620.00	J	mg/kg
BH023	1082	12/05/92	004	12/18/92	01/04/93	SO	M06	MET	NICKEL	19.70	J	mg/kg
BH023	1082	12/05/92	004	12/18/92	01/04/93	SO	M06	MET	POTASSIUM	4890.00	J	mg/kg
BH023	1082	12/05/92	004	12/18/92	01/04/93	SO	M06	MET	SODIUM	1520.00	J	mg/kg
BH023	1082	12/05/92	004	12/18/92	01/04/93	SO	M06	MET	VANADIUM	56.00	J	mg/kg
BH023	1082	12/05/92	004	12/18/92	01/04/93	SO	M06	MET	ZINC	61.60	J	mg/kg
BH023	1082	12/05/92	004	12/21/92	12/21/92	SO	VBLKAI	PHC	GAS	0.07	J	mg/kg
BH023	1082	12/05/92	004	/ /	12/11/92	SO	VBLKL6	VOL	2-BUTANONE	11.00	J	ug/kg
BH023	1082	12/05/92	004	/ /	12/11/92	SO	VBLKL6	VOL	ACETONE	68.00	BR	ug/kg
BH023	1082	12/05/92	004	/ /	12/11/92	SO	VBLKL6	VOL	METHYLENE CHLORIDE	25.00	BR	ug/kg
BH023	1083	12/05/92	006	12/15/92	12/17/92	SO	SBLK38	BNA	2-METHYLNAPHTHALENE	2200.00		ug/kg
BH023	1083	12/05/92	006	12/15/92	12/17/92	SO	SBLK38	BNA	NAPHTHALENE	920.00	J	ug/kg
BH023	1083	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	ALUMINUM	9330.00	J	mg/kg
BH023	1083	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	ARSENIC	27.30	J	mg/kg
BH023	1083	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	BARIUM	91.80	J	mg/kg
BH023	1083	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	CALCIUM	4620.00	J	mg/kg
BH023	1083	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	CHROMIUM	14.90	J	mg/kg

Table D.1. (con't)

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SIGNIFICANT CHEMICAL DATA FROM SITE 14

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH023	1083	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	COBALT	9.20	J	mg/kg
BH023	1083	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	COPPER	30.00	J	mg/kg
BH023	1083	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	IRON	17500.00	J	mg/kg
BH023	1083	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	LEAD	4.20	J	mg/kg
BH023	1083	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	MAGNESIUM	2770.00	J	mg/kg
BH023	1083	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	MANGANESE	611.00	J	mg/kg
BH023	1083	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	NICKEL	17.40	J	mg/kg
BH023	1083	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	POTASSIUM	1980.00	J	mg/kg
BH023	1083	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	SODIUM	922.00	J	mg/kg
BH023	1083	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	VANADIUM	40.00	J	mg/kg
BH023	1083	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	ZINC	56.10	J	mg/kg
BH023	1083	12/05/92	006	12/18/92	12/18/92	SO	VBLKBF	PHC	GAS	330.00		mg/kg
BH023	1083	12/05/92	006	/ /	12/15/92	SO	VBLKDY	VOL	METHYLENE CHLORIDE	2200.00	J	ug/kg
BH023	1084	12/05/92	008	12/15/92	12/17/92	SO	SBLK388	BNA	2-METHYLNAPHTHALENE	27000.00		ug/kg
BH023	1084	12/05/92	008	12/15/92	12/17/92	SO	SBLK388	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	290.00	BR	ug/kg
BH023	1084	12/05/92	008	12/15/92	12/17/92	SO	SBLK388	BNA	NAPHTHALENE	14000.00		ug/kg
BH023	1084DL	12/05/92	008	12/15/92	12/17/92	SO	SBLK388	BNA	2-METHYLNAPHTHALENE	25000.00		ug/kg
BH023	1084DL	12/05/92	008	12/15/92	12/17/92	SO	SBLK388	BNA	NAPHTHALENE	16000.00		ug/kg
BH023	1084	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	ALUMINUM	9290.00	J	mg/kg
BH023	1084	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	ARSENIC	9.60	J	mg/kg
BH023	1084	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	BARIUM	71.70	J	mg/kg
BH023	1084	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	CALCIUM	4900.00	J	mg/kg
BH023	1084	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	CHROMIUM	13.70	J	mg/kg
BH023	1084	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	COBALT	5.60	J	mg/kg
BH023	1084	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	COPPER	20.30	J	mg/kg
BH023	1084	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	IRON	20400.00	J	mg/kg
BH023	1084	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	LEAD	4.30	J	mg/kg
BH023	1084	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	MAGNESIUM	3090.00	J	mg/kg
BH023	1084	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	MANGANESE	113.00	J	mg/kg
BH023	1084	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	NICKEL	11.60	J	mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 14

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH023	1084	12/05/92	008	12/18/92	01/04/93	SO	MB6	MET	POTASSIUM	1490.00	J	mg/kg
BH023	1084	12/05/92	008	12/18/92	01/04/93	SO	MB6	MET	SODIUM	781.00	J	mg/kg
BH023	1084	12/05/92	008	12/18/92	01/04/93	SO	MB6	MET	VANADIUM	48.10	J	mg/kg
BH023	1084	12/05/92	008	12/18/92	01/04/93	SO	MB6	MET	ZINC	47.80	J	mg/kg
BH023	1084DL	12/05/92	008	12/16/92	12/30/92	SO	VBLK3L	PHC	GAS	4808.94		mg/kg
BH023	1084	12/05/92	008	/ /	12/14/92	SO	VBLKS4	VOL	METHYLENE CHLORIDE	5100.00	J	ug/kg
BH023	1084	12/05/92	008	/ /	12/14/92	SO	VBLKS4	VOL	XYLENES (TOTAL)	2500.00	J	ug/kg
BH024	1085	12/05/92	004	12/15/92	12/18/92	SO	SBLK38B	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	100.00	BR	ug/kg
BH024	1085	12/05/92	004	12/15/92	12/18/92	SO	SBLK38B	BNA	DI-N-BUTYLPHTHALATE	68.00	BR	ug/kg
BH024	1085	12/05/92	004	12/18/92	01/06/93	SO	MB6	MET	ALUMINUM	10100.00	J	mg/kg
BH024	1085	12/05/92	004	12/18/92	01/06/93	SO	MB6	MET	ARSENIC	13.80	J	mg/kg
BH024	1085	12/05/92	004	12/18/92	01/06/93	SO	MB6	MET	BARIUM	78.10	J	mg/kg
BH024	1085	12/05/92	004	12/18/92	01/06/93	SO	MB6	MET	CALCIUM	56000.00	J	mg/kg
BH024	1085	12/05/92	004	12/18/92	01/06/93	SO	MB6	MET	CHROMIUM	6.20	J	mg/kg
BH024	1085	12/05/92	004	12/18/92	01/06/93	SO	MB6	MET	COBALT	3.40	J	mg/kg
BH024	1085	12/05/92	004	12/18/92	01/06/93	SO	MB6	MET	COPPER	16.10	J	mg/kg
BH024	1085	12/05/92	004	12/18/92	01/06/93	SO	MB6	MET	IRON	8650.00	J	mg/kg
BH024	1085	12/05/92	004	12/18/92	01/06/93	SO	MB6	MET	LEAD	5.00	J	mg/kg
BH024	1085	12/05/92	004	12/18/92	01/06/93	SO	MB6	MET	MAGNESIUM	18500.00	J	mg/kg
BH024	1085	12/05/92	004	12/18/92	01/06/93	SO	MB6	MET	MANGANESE	401.00	J	mg/kg
BH024	1085	12/05/92	004	12/18/92	01/06/93	SO	MB6	MET	POTASSIUM	2300.00	J	mg/kg
BH024	1085	12/05/92	004	12/18/92	01/06/93	SO	MB6	MET	SODIUM	1280.00	J	mg/kg
BH024	1085	12/05/92	004	12/18/92	01/06/93	SO	MB6	MET	VANADIUM	29.00	J	mg/kg
BH024	1085	12/05/92	004	12/18/92	01/06/93	SO	MB6	MET	ZINC	58.50	J	mg/kg
BH024	1085RE	12/05/92	004	12/21/92	12/22/92	SO	VBLKAI	PHC	GAS	91.36		mg/kg
BH024	1085	12/05/92	004	/ /	12/11/92	SO	VBLKL6	VOL	ACETONE	17.00	BR	ug/kg
BH024	1085	12/05/92	004	/ /	12/11/92	SO	VBLKL6	VOL	METHYLENE CHLORIDE	16.00	BR	ug/kg
BH024	1086	12/05/92	006	12/15/92	12/17/92	SO	SBLK38B	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	110.00	BR	ug/kg
BH024	1086	12/05/92	006	12/15/92	12/17/92	SO	SBLK38B	BNA	DI-N-BUTYLPHTHALATE	100.00	BR	ug/kg
BH024	1086	12/05/92	006	12/18/92	01/06/93	SO	MB6	MET	ALUMINUM	10000.00	J	mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 14

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH024	1086	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	ARSENIC	14.80	J	mg/kg
BH024	1086	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	BARIUM	63.60	J	mg/kg
BH024	1086	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	CALCIUM	4380.00	J	mg/kg
BH024	1086	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	CHROMIUM	17.40	J	mg/kg
BH024	1086	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	COBALT	6.50	J	mg/kg
BH024	1086	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	COPPER	16.30	J	mg/kg
BH024	1086	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	IRON	15000.00	J	mg/kg
BH024	1086	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	LEAD	4.50	J	mg/kg
BH024	1086	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	MAGNESIUM	3110.00	J	mg/kg
BH024	1086	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	MANGANESE	452.00	J	mg/kg
BH024	1086	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	NICKEL	17.20	J	mg/kg
BH024	1086	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	POTASSIUM	2080.00	J	mg/kg
BH024	1086	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	SODIUM	686.00	J	mg/kg
BH024	1086	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	VANADIUM	50.90	J	mg/kg
BH024	1086	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	ZINC	36.30	J	mg/kg
BH024	1086	12/05/92	006	/ /	12/11/92	SO	VBLKL6	VOL	ACETONE	15.00	BR	ug/kg
BH024	1086	12/05/92	006	/ /	12/11/92	SO	VBLKL6	VOL	METHYLENE CHLORIDE	19.00	BR	ug/kg
BH024	1087	12/05/92	008	12/15/92	12/17/92	SO	SBLK388	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	110.00	BR	ug/kg
BH024	1087	12/05/92	008	12/15/92	12/17/92	SO	SBLK388	BNA	DI-N-BUTYLPHTHALATE	96.00	BR	ug/kg
BH024	1087	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	ALUMINUM	22500.00	J	mg/kg
BH024	1087	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	ARSENIC	93.60	J	mg/kg
BH024	1087	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	BARIUM	124.00	J	mg/kg
BH024	1087	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	BERYLLIUM	0.57	J	mg/kg
BH024	1087	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	CALCIUM	7190.00	J	mg/kg
BH024	1087	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	CHROMIUM	23.50	J	mg/kg
BH024	1087	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	COBALT	19.10	J	mg/kg
BH024	1087	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	COPPER	33.30	J	mg/kg
BH024	1087	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	IRON	28400.00	J	mg/kg
BH024	1087	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	LEAD	7.00	J	mg/kg
BH024	1087	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	MAGNESIUM	5440.00	J	mg/kg

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 14

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH024	1087	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	MANGANESE	164.00	J	mg/kg
BH024	1087	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	NICKEL	40.00	J	mg/kg
BH024	1087	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	POTASSIUM	3020.00	J	mg/kg
BH024	1087	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	SODIUM	1280.00	J	mg/kg
BH024	1087	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	VANADIUM	101.00	J	mg/kg
BH024	1087	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	ZINC	63.10	J	mg/kg
BH024	1087	12/05/92	008	12/21/92	12/21/92	SO	VBLKAI	PHC	GAS	0.07	J	mg/kg
BH024	1087	12/05/92	008	/ /	12/12/92	SO	VBLKQ7	VOL	ACETONE	22.00	BR	ug/kg
BH024	1087	12/05/92	008	/ /	12/12/92	SO	VBLKQ7	VOL	METHYLENE CHLORIDE	46.00	BR	ug/kg
BH025	1089	12/06/92	006	12/15/92	12/17/92	SO	SBLK36	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	210.00	J	ug/kg
BH025	1089	12/06/92	006	12/15/92	12/17/92	SO	SBLK36	BNA	DI-N-BUTYLPHTHALATE	120.00	BR	ug/kg
BH025	1089	12/06/92	006	12/17/92	01/07/93	SO	M07	MET	ARSENIC	2.80	J	mg/kg
BH025	1089	12/06/92	006	12/17/92	01/07/93	SO	M07	MET	BARIUM	65.50	J	mg/kg
BH025	1089	12/06/92	006	12/17/92	01/07/93	SO	M07	MET	CALCIUM	5180.00	J	mg/kg
BH025	1089	12/06/92	006	12/17/92	01/07/93	SO	M07	MET	CHROMIUM	17.40	J	mg/kg
BH025	1089	12/06/92	006	12/17/92	01/07/93	SO	M07	MET	COBALT	5.30	J	mg/kg
BH025	1089	12/06/92	006	12/17/92	01/07/93	SO	M07	MET	COPPER	15.50	J	mg/kg
BH025	1089	12/06/92	006	12/17/92	01/07/93	SO	M07	MET	IRON	20900.00	J	mg/kg
BH025	1089	12/06/92	006	12/17/92	01/07/93	SO	M07	MET	LEAD	4.70	J	mg/kg
BH025	1089	12/06/92	006	12/17/92	01/07/93	SO	M07	MET	MAGNESIUM	2930.00	J	mg/kg
BH025	1089	12/06/92	006	12/17/92	01/07/93	SO	M07	MET	MANGANESE	165.00	J	mg/kg
BH025	1089	12/06/92	006	12/17/92	01/07/93	SO	M07	MET	NICKEL	10.80	J	mg/kg
BH025	1089	12/06/92	006	12/17/92	01/07/93	SO	M07	MET	POTASSIUM	1790.00	J	mg/kg
BH025	1089	12/06/92	006	12/17/92	01/07/93	SO	M07	MET	SODIUM	1080.00	J	mg/kg
BH025	1089	12/06/92	006	12/17/92	01/07/93	SO	M07	MET	VANADIUM	49.50	J	mg/kg
BH025	1089	12/06/92	006	12/17/92	01/07/93	SO	M07	MET	ZINC	31.40	J	mg/kg
BH025	1089	12/06/92	006	/ /	12/16/92	SO	VBLKU5	VOL	ACETONE	35.00	BR	ug/kg
BH025	1089	12/06/92	006	/ /	12/16/92	SO	VBLKU5	VOL	CHLOROFORM	1.00	J	ug/kg
BH025	1089	12/06/92	006	/ /	12/16/92	SO	VBLKU5	VOL	METHYLENE CHLORIDE	54.00	BR	ug/kg
BH026	1090	12/06/92	008	12/15/92	12/17/92	SO	SBLK36	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	100.00	J	ug/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 14

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH026	1090	12/06/92	008	12/15/92	12/17/92	SO	SBLK36	BNA	DI-N-BUTYLPHTHALATE	69.00	BR	ug/kg
BH026	1090	12/06/92	008	12/17/92	01/11/93	SO	M07	MET	ALUMINUM	17900.00	J	mg/kg
BH026	1090	12/06/92	008	12/17/92	01/11/93	SO	M07	MET	ARSENIC	104.00	J	mg/kg
BH026	1090	12/06/92	008	12/17/92	01/11/93	SO	M07	MET	BARIUM	128.00	J	mg/kg
BH026	1090	12/06/92	008	12/17/92	01/11/93	SO	M07	MET	CALCIUM	6810.00	J	mg/kg
BH026	1090	12/06/92	008	12/17/92	01/11/93	SO	M07	MET	CHROMIUM	22.80	J	mg/kg
BH026	1090	12/06/92	008	12/17/92	01/11/93	SO	M07	MET	COBALT	12.20	J	mg/kg
BH026	1090	12/06/92	008	12/17/92	01/11/93	SO	M07	MET	COPPER	66.60	J	mg/kg
BH026	1090	12/06/92	008	12/17/92	01/11/93	SO	M07	MET	IRON	23200.00	J	mg/kg
BH026	1090	12/06/92	008	12/17/92	01/11/93	SO	M07	MET	LEAD	2.20	J	mg/kg
BH026	1090	12/06/92	008	12/17/92	01/11/93	SO	M07	MET	MAGNESIUM	3970.00	J	mg/kg
BH026	1090	12/06/92	008	12/17/92	01/11/93	SO	M07	MET	MANGANESE	122.00	J	mg/kg
BH026	1090	12/06/92	008	12/17/92	01/11/93	SO	M07	MET	NICKEL	21.20	J	mg/kg
BH026	1090	12/06/92	008	12/17/92	01/11/93	SO	M07	MET	POTASSIUM	1650.00	J	mg/kg
BH026	1090	12/06/92	008	12/17/92	01/11/93	SO	M07	MET	SODIUM	1450.00	J	mg/kg
BH026	1090	12/06/92	008	12/17/92	01/11/93	SO	M07	MET	VANADIUM	92.00	J	mg/kg
BH026	1090	12/06/92	008	12/17/92	01/11/93	SO	M07	MET	ZINC	151.00	J	mg/kg
BH026	1090	12/06/92	008	/ /	12/16/92	SO	VBLKU5	VOL	ACETONE	68.00	BR	ug/kg
BH026	1090	12/06/92	008	/ /	12/16/92	SO	VBLKU5	VOL	CHLOROFORM	2.00	J	ug/kg
BH026	1090	12/06/92	008	/ /	12/16/92	SO	VBLKU5	VOL	METHYLENE CHLORIDE	60.00	BR	ug/kg
BH026	1090	12/06/92	008	/ /	12/16/92	SO	VBLKU5	VOL	XYLENES (TOTAL)	2.00	J	ug/kg
MW015	1516	12/03/92	001	12/07/92	12/09/92	GW	SBLK87	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	2.00	BR	ug/L
MW015	1516	12/03/92	001	12/07/92	12/09/92	GW	SBLK87	BNA	DI-N-BUTYLPHTHALATE	3.00	BR	ug/L
MW015	1516	12/03/92	001	/ /	12/10/92	GW	VBLKKE	VOL	METHYLENE CHLORIDE	1.00	BR	ug/L
MW018	1517	12/03/92	001	12/07/92	12/08/92	GW	SBLK87	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	2.00	BR	ug/L
MW018	1517	12/03/92	001	12/07/92	12/08/92	GW	SBLK87	BNA	DI-N-BUTYLPHTHALATE	2.00	BR	ug/L
MW018	1517	12/03/92	001	12/07/92	12/08/92	GW	SBLK87	BNA	PENTACHLOROPHENOL	1.00	BR	ug/L
MW018	1517	12/03/92	001	/ /	12/10/92	GW	VBLKKE	VOL	METHYLENE CHLORIDE	1.00	BR	ug/L
MW018	1554	03/04/93	001	03/08/93	03/10/93	GW	SBLK41	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	5.00	BR	ug/L
MW018	1554	03/04/93	001	03/08/93	03/10/93	GW	SBLK41	BNA	BUTYLBENZYLPHTHALATE	1.00		ug/L

Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 14

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
MW018	1554	03/04/93	001	03/08/93	03/10/93	GW	SBLK41	BNA	DI-N-BUTYLPHTHALATE	1.00		ug/L
MW018	1554	03/04/93	001	/ /	03/09/93	GW	VBLKG7	VOL	CARBON DISULFIDE	2.00		ug/L
MW018	1554	03/04/93	001	/ /	03/09/93	GW	VBLKG7	VOL	METHYLENE CHLORIDE	5.00	BR	ug/L
MW015	1555	03/04/93	001	03/08/93	03/10/93	GW	SBLK41	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	2.00	BR	ug/L
MW015	1555	03/04/93	001	03/08/93	03/10/93	GW	SBLK41	BNA	BUTYLBENZYLPHTHALATE	1.00		ug/L
MW015	1555	03/04/93	001	/ /	03/09/93	GW	VBLKG7	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L

Table D.2. Significant data from ER, FB, TB, and OTHER

SIGNIFICANT CHEMICAL DATA FROM EQUIPMENT RINSATES

FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
1007	11/13/92	001	11/20/92	11/22/92	RI	SBLK95	BNA	DIETHYLPHTHALATE	1.00	J	ug/L
1007	11/13/92	001	12/04/92	12/09/92	RI	M02	MET	ALUMINUM	111.00		ug/L
1007	11/13/92	001	12/04/92	12/09/92	RI	M02	MET	BARIUM	10.00		ug/L
1007	11/13/92	001	12/04/92	12/09/92	RI	M02	MET	CALCIUM	353.00		ug/L
1007	11/13/92	001	12/04/92	12/09/92	RI	M02	MET	COPPER	26.70		ug/L
1007	11/13/92	001	12/04/92	12/09/92	RI	M02	MET	IRON	64.20		ug/L
1007	11/13/92	001	12/04/92	12/09/92	RI	M02	MET	LEAD	2.00		ug/L
1007	11/13/92	001	12/04/92	12/09/92	RI	M02	MET	MANGANESE	15.50	J	ug/L
1007	11/13/92	001	12/04/92	12/09/92	RI	M02	MET	SODIUM	412.00		ug/L
1007	11/13/92	001	12/04/92	12/09/92	RI	M02	MET	ZINC	28.20		ug/L
1007	11/13/92	001	/ /	11/19/92	RI	VBLKCA	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
1108	12/06/92	001	12/09/92	12/10/92	RI	SBLK04	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	1.00	J	ug/L
1108	12/06/92	001	12/09/92	12/10/92	RI	SBLK04	BNA	DIETHYLPHTHALATE	1.00	J	ug/L
1108	12/06/92	001	12/29/92	01/07/93	RI	M10	MET	BARIUM	3.40		ug/L
1108	12/06/92	001	12/29/92	01/07/93	RI	M10	MET	CALCIUM	204.00		ug/L
1108	12/06/92	001	12/29/92	01/07/93	RI	M10	MET	COPPER	10.50		ug/L
1108	12/06/92	001	12/29/92	01/07/93	RI	M10	MET	IRON	427.00		ug/L
1108	12/06/92	001	12/29/92	01/07/93	RI	M10	MET	MAGNESIUM	52.10		ug/L
1108	12/06/92	001	12/29/92	01/07/93	RI	M10	MET	MANGANESE	2.90		ug/L
1108	12/06/92	001	12/29/92	01/07/93	RI	M10	MET	SODIUM	654.00		ug/L
1108	12/06/92	001	12/29/92	01/07/93	RI	M10	MET	ZINC	32.30		ug/L
1108	12/06/92	001	/ /	12/11/92	RI	HAZWRAPBLK1	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
1109	12/06/92	002	12/29/92	01/07/93	RI	M10	MET	ALUMINUM	261.00		ug/L
1109	12/06/92	002	12/29/92	01/07/93	RI	M10	MET	BARIUM	3.00		ug/L
1109	12/06/92	002	12/29/92	01/07/93	RI	M10	MET	CALCIUM	76.90		ug/L
1109	12/06/92	002	12/29/92	01/07/93	RI	M10	MET	IRON	117.00		ug/L
1109	12/06/92	002	12/29/92	01/07/93	RI	M10	MET	SODIUM	496.00		ug/L
1109	12/06/92	002	12/29/92	01/07/93	RI	M10	MET	ZINC	7.20		ug/L
1109	12/06/92	002	/ /	12/11/92	RI	HAZWRAPBLK1	VOL	METHYLENE CHLORIDE	3.00	BR	ug/L
1110	12/06/92	003	12/29/92	01/07/93	RI	M10	MET	ALUMINUM	196.00		ug/L
1110	12/06/92	003	12/29/92	01/07/93	RI	M10	MET	BARIUM	3.20		ug/L

Table D.2. (cont.)

SIGNIFICANT CHEMICAL DATA FROM EQUIPMENT RINSATES

FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
1110	12/06/92	003	12/29/92	01/07/93	RI	M10	MET	CALCIUM	80.30		ug/L
1110	12/06/92	003	12/29/92	01/07/93	RI	M10	MET	IRON	460.00		ug/L
1110	12/06/92	003	12/29/92	01/07/93	RI	M10	MET	MANGANESE	2.50		ug/L
1110	12/06/92	003	12/29/92	01/07/93	RI	M10	MET	SODIUM	543.00		ug/L
1110	12/06/92	003	12/29/92	01/07/93	RI	M10	MET	ZINC	8.60		ug/L
1110	12/06/92	003	/ /	12/11/92	RI	HAZWRAPBLK1	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
1513	12/02/92	001	12/04/92	12/07/92	RI	SBLK81	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	1.00	BR	ug/L
1513	12/02/92	001	12/04/92	12/07/92	RI	SBLK81	BNA	DI-N-BUTYLPHTHALATE	1.00	BR	ug/L
1513	12/02/92	001	12/10/92	12/11/92	RI	M09	MET	ALUMINUM	252.00		ug/L
1513	12/02/92	001	12/10/92	12/11/92	RI	M09	MET	BARIUM	3.10		ug/L
1513	12/02/92	001	12/10/92	12/11/92	RI	M09	MET	CALCIUM	71.20		ug/L
1513	12/02/92	001	12/10/92	12/11/92	RI	M09	MET	IRON	91.90	J	ug/L
1513	12/02/92	001	12/10/92	12/11/92	RI	M09	MET	SODIUM	552.00		ug/L
1513	12/02/92	001	12/10/92	12/11/92	RI	M09	MET	ZINC	6.50		ug/L
1513	12/02/92	001	/ /	12/16/92	RI	VBLKBA	PHC	GAS	0.01	J	mg/L
1513	12/02/92	001	/ /	12/09/92	RI	VBLKVO	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
1525	12/04/92	001	12/09/92	12/11/92	RI	SBLK08	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	4.00	BR	ug/L
1525	12/04/92	001	12/29/92	01/07/93	RI	M10	MET	ALUMINUM	157.00		ug/L
1525	12/04/92	001	12/29/92	01/07/93	RI	M10	MET	BARIUM	2.90		ug/L
1525	12/04/92	001	12/29/92	01/07/93	RI	M10	MET	CALCIUM	37.10		ug/L
1525	12/04/92	001	12/29/92	01/07/93	RI	M10	MET	IRON	50.20		ug/L
1525	12/04/92	001	12/29/92	01/07/93	RI	M10	MET	MAGNESIUM	52.80		ug/L
1525	12/04/92	001	12/29/92	01/07/93	RI	M10	MET	SODIUM	506.00		ug/L
1525	12/04/92	001	12/29/92	01/07/93	RI	M10	MET	ZINC	4.40		ug/L
1525	12/04/92	001	/ /	12/10/92	RI	VBLKWI	VOL	METHYLENE CHLORIDE	6.00	BR	ug/L
1538	12/06/92	001	/ /	12/11/92	RI	HAZWRAPBLK1	VOL	METHYLENE CHLORIDE	1.00	BR	ug/L
1543	12/16/92	001	12/17/92	12/19/92	RI	SBLK60	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	28.00	J	ug/L
1543	12/16/92	001	12/17/92	12/19/92	RI	SBLK60	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	28.00	J	ug/L
1543	12/16/92	001	12/29/92	01/07/93	RI	M10	MET	ALUMINUM	175.00		ug/L
1543	12/16/92	001	12/29/92	01/07/93	RI	M10	MET	BARIUM	2.50		ug/L
1543	12/16/92	001	12/29/92	01/07/93	RI	M10	MET	CALCIUM	29.70		ug/L

04/21/94

Table D.2. (cont.)

SIGNIFICANT CHEMICAL DATA FROM EQUIPMENT RINSATES

FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
1543	12/16/92	001	12/29/92	01/07/93	RI	M10	MET	SODIUM	500.00		ug/L
1543	12/16/92	001	12/29/92	01/07/93	RI	M10	MET	ZINC	6.20		ug/L
1543	12/16/92	001	/ /	12/18/92	RI	HAZWRAPBLK	VOL	METHYLENE CHLORIDE	3.00	BR	ug/L
1558	03/04/93	001	03/08/93	03/10/93	RI	SBLK41	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	9.00	BR	ug/L
1558	03/04/93	001	03/09/93	03/11/93	RI	MET01	MET	ALUMINUM	77.50	BR	ug/L
1558	03/04/93	001	03/09/93	03/11/93	RI	MET01	MET	ARSENIC	29.80		ug/L
1558	03/04/93	001	03/09/93	03/11/93	RI	MET01	MET	CALCIUM	105.00	BR	ug/L
1558	03/04/93	001	03/09/93	03/11/93	RI	MET01	MET	MANGANESE	3.40	BR	ug/L
1558	03/04/93	001	03/09/93	03/11/93	RI	MET01	MET	SODIUM	261.00		ug/L
1558	03/04/93	001	03/09/93	03/11/93	RI	MET01	MET	ZINC	8.10	BR	ug/L
1558	03/04/93	001	/ /	03/08/93	RI	VBLKD5	VOL	METHYLENE CHLORIDE	1.00	BR	ug/L
1572	0./05/93	002	03/09/93	03/11/93	RI	SBLK45	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	67.00	J	ug/L
1572	03/05/93	002	03/09/93	03/11/93	RI	SBLK45	BNA	BUTYLBENZYLPHTHALATE	2.00	BR	ug/L
1572	03/05/93	002	03/09/93	03/11/93	RI	MET01	MET	ALUMINUM	84.90	BR	ug/L
1572	03/05/93	002	03/09/93	03/11/93	RI	MET01	MET	CALCIUM	105.00	BR	ug/L
1572	03/05/93	002	03/09/93	03/11/93	RI	MET01	MET	IRON	25.90	BR	ug/L
1572	03/05/93	002	03/09/93	03/11/93	RI	MET01	MET	SODIUM	354.00		ug/L
1572	03/05/93	002	/ /	03/12/93	RI	VBLKCA	PHC	TPH BY GAS STD	0.04	BR	mg/L
1572	03/05/93	002	/ /	03/11/93	RI	VBLKG4	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
1582	03/06/93	003	03/10/93	03/12/93	RI	SBLK51	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	6.00	BR	ug/L
1582	03/06/93	003	03/10/93	03/12/93	RI	SBLK51	BNA	BUTYLBENZYLPHTHALATE	2.00	BR	ug/L
1582	03/06/93	003	03/10/93	03/12/93	RI	SBLK51	BNA	DIETHYLPHTHALATE	1.00	J	ug/L
1582	03/06/93	003	/ /	03/12/93	RI	VBLKCA	PHC	TPH BY GAS STD	0.02	BR	mg/L
1582	03/06/93	003	/ /	03/11/93	RI	VBLKH5	VOL	METHYLENE CHLORIDE	1.00	BR	ug/L
1585	03/07/93	004	03/10/93	03/12/93	RI	SBLK51	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	7.00	BR	ug/L
1585	03/07/93	004	03/10/93	03/12/93	RI	SBLK51	BNA	BUTYLBENZYLPHTHALATE	2.00	BR	ug/L
1585	03/07/93	004	03/18/93	03/20/93	RI	MET02	MET	ALUMINUM	106.00	BR	ug/L
1585	03/07/93	004	03/18/93	03/20/93	RI	MET02	MET	BARIUM	3.30	BR	ug/L
1585	03/07/93	004	03/18/93	03/20/93	RI	MET02	MET	CALCIUM	58.90	BR	ug/L
1585	03/07/93	004	03/18/93	03/20/93	RI	MET02	MET	COPPER	5.30		ug/L
1585	03/07/93	004	03/18/93	03/20/93	RI	MET02	MET	IRON	32.80		ug/L

Table D.2. (cont.)

SIGNIFICANT CHEMICAL DATA FROM EQUIPMENT RINSATES

FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
1585	03/07/93	004	03/18/93	03/20/93	RI	MET02	MET	MANGANESE	1.20		ug/L
1585	03/07/93	004	03/18/93	03/20/93	RI	MET02	MET	SODIUM	455.00	BR	ug/L
1585	03/07/93	004	/ /	03/11/93	RI	VBLKH5	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
1596	03/17/93	001	/ /	03/19/93	RI	VBLKN2	VOL	METHYLENE CHLORIDE	4.00	BR	ug/L

Table D.2. (cont.)

SIGNIFICANT CHEMICAL DATA FROM FIELD BLANKS

FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
1005	11/13/92	001	12/04/92	12/09/92	DI	M02	MET	ALUMINUM	266.00		ug/L
1005	11/13/92	001	12/04/92	12/09/92	DI	M02	MET	BARIUM	40.10		ug/L
1005	11/13/92	001	12/04/92	12/09/92	DI	M02	MET	CALCIUM	19700.00		ug/L
1005	11/13/92	001	12/04/92	12/09/92	DI	M02	MET	COPPER	320.00		ug/L
1005	11/13/92	001	12/04/92	12/09/92	DI	M02	MET	IRON	501.00		ug/L
1005	11/13/92	001	12/04/92	12/09/92	DI	M02	MET	LEAD	4.80		ug/L
1005	11/13/92	001	12/04/92	12/09/92	DI	M02	MET	MAGNESIUM	6380.00		ug/L
1005	11/13/92	001	12/04/92	12/09/92	DI	M02	MET	MANGANESE	9.20	J	ug/L
1005	11/13/92	001	12/04/92	12/09/92	DI	M02	MET	POTASSIUM	2940.00		ug/L
1005	11/13/92	001	12/04/92	12/09/92	DI	M02	MET	SODIUM	14900.00		ug/L
1005	11/13/92	001	12/04/92	12/09/92	DI	M02	MET	ZINC	73.20		ug/L
1005	11/13/92	001	/ /	11/19/92	DI	VBLKCA	VOL	BROMODICHLOROMETHANE	6.00	J	ug/L
1005	11/13/92	001	/ /	11/19/92	DI	VBLKCA	VOL	CHLOROFORM	20.00		ug/L
1005	11/13/92	001	/ /	11/19/92	DI	VBLKCA	VOL	DIBROMOCHLOROMETHANE	1.00	J	ug/L
1005	11/13/92	001	/ /	11/19/92	DI	VBLKCA	VOL	METHYLENE CHLORIDE	3.00	BR	ug/L
1006	11/13/92	001	11/20/92	11/22/92	DI	SBLK95	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	1.00	J	ug/L
1006	11/13/92	001	12/04/92	12/09/92	DI	M02	MET	ALUMINUM	143.00		ug/L
1006	11/13/92	001	12/04/92	12/09/92	DI	M02	MET	BARIUM	11.00		ug/L
1006	11/13/92	001	12/04/92	12/09/92	DI	M02	MET	CALCIUM	235.00		ug/L
1006	11/13/92	001	12/04/92	12/09/92	DI	M02	MET	COPPER	22.60		ug/L
1006	11/13/92	001	12/04/92	12/09/92	DI	M02	MET	IRON	59.90		ug/L
1006	11/13/92	001	12/04/92	12/09/92	DI	M02	MET	LEAD	5.20		ug/L
1006	11/13/92	001	12/04/92	12/09/92	DI	M02	MET	MAGNESIUM	53.20		ug/L
1006	11/13/92	001	12/04/92	12/09/92	DI	M02	MET	MANGANESE	2.50	J	ug/L
1006	11/13/92	001	12/04/92	12/09/92	DI	M02	MET	SODIUM	457.00		ug/L
1006	11/13/92	001	12/04/92	12/09/92	DI	M02	MET	ZINC	13.10		ug/L
1006	11/13/92	001	/ /	11/19/92	DI	VBLKCA	VOL	METHYLENE CHLORIDE	3.00	BR	ug/L
1548	03/03/93	001	03/04/93	03/08/93	DI	SBLK27	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	2.00	BR	ug/L
1548	03/03/93	001	03/09/93	03/10/93	DI	MET01	MET	ALUMINUM	61.90	BR	ug/L
1548	03/03/93	001	03/09/93	03/10/93	DI	MET01	MET	ARSENIC	4.00	J	ug/L
1548	03/03/93	001	03/09/93	03/10/93	DI	MET01	MET	CALCIUM	89.40	BR	ug/L

Table D.2. (cont.)

SIGNIFICANT CHEMICAL DATA FROM FIELD BLANKS

FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
1548	03/03/93	001	03/09/93	03/10/93	DI	MET01	MET	SODIUM	568.00		ug/L
1548	03/03/93	001	/ /	03/07/93	DI	VBLKC8	VOL	CARBON DISULFIDE	2.00		ug/L
1548	03/03/93	001	/ /	03/07/93	DI	VBLKC8	VOL	METHYLENE CHLORIDE	4.00		ug/L
1556	03/04/93	001	03/08/93	03/10/93	DI	SBLK41	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	2.00	BR	ug/L
1556	03/04/93	001	03/09/93	03/11/93	DI	MET01	MET	ALUMINUM	134.00	BR	ug/L
1556	03/04/93	001	03/09/93	03/11/93	DI	MET01	MET	ARSENIC	11.20		ug/L
1556	03/04/93	001	03/09/93	03/11/93	DI	MET01	MET	BARIUM	33.80		ug/L
1556	03/04/93	001	03/09/93	03/11/93	DI	MET01	MET	CALCIUM	21400.00		ug/L
1556	03/04/93	001	03/09/93	03/11/93	DI	MET01	MET	COPPER	12.90		ug/L
1556	03/04/93	001	03/09/93	03/11/93	DI	MET01	MET	IRON	51.70	BR	ug/L
1556	03/04/93	001	03/09/93	03/11/93	DI	MET01	MET	MAGNESIUM	7160.00		ug/L
1556	03/04/93	001	03/09/93	03/11/93	DI	MET01	MET	MANGANESE	7.60	BR	ug/L
1556	03/04/93	001	03/09/93	03/11/93	DI	MET01	MET	POTASSIUM	2790.00		ug/L
1556	03/04/93	001	03/09/93	03/11/93	DI	MET01	MET	SODIUM	19800.00		ug/L
1556	03/04/93	001	03/09/93	03/11/93	DI	MET01	MET	ZINC	5.10	BR	ug/L
1556	03/04/93	001	/ /	03/10/93	DI	VIBLKTPHW03	PHC	TPH BY GAS STD	0.03	J	mg/L
1556	03/04/93	001	/ /	03/09/93	DI	VBLKG7	VOL	BROMODICHLOROMETHANE	6.00		ug/L
1556	03/04/93	001	/ /	03/09/93	DI	VBLKG7	VOL	CHLOROFORM	13.00		ug/L
1556	03/04/93	001	/ /	03/09/93	DI	VBLKG7	VOL	DIBROMOCHLOROMETHANE	2.00		ug/L
1556	03/04/93	001	/ /	03/09/93	DI	VBLKG7	VOL	METHYLENE CHLORIDE	5.00	BR	ug/L

Table D.2. (cont.)

SIGNIFICANT CHEMICAL DATA FROM TRIP BLANKS

FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
1004	08/26/92	001	/ /	11/16/92	DI	VBLKSA	VOL	METHYLENE CHLORIDE	1.00	BR	ug/L
1008	11/13/92	002	/ /	11/19/92	DI	VBLKCA	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
1034	12/03/92	001	/ /	12/10/92	DI	VBLKKE	VOL	ACETONE	11.00	BR	ug/L
1034	12/03/92	001	/ /	12/10/92	DI	VBLKKE	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
1059	12/04/92	002	/ /	12/10/92	DI	VBLKW1	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
1088	12/05/92	003	/ /	12/11/92	DI	HAZWRAPBLKL	VOL	METHYLENE CHLORIDE	1.00	BR	ug/L
1111	12/06/92	004	/ /	12/11/92	DI	HAZWRAPBLK1	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
1120	07/06/92	005	/ /	12/11/92	DI	HAZWRAPBLK2	VOL	METHYLENE CHLORIDE	3.00	BR	ug/L
1121	07/06/92	006	/ /	12/14/92	DI	HAZWRAPBLK3	VOL	ACETONE	34.00	J	ug/L
1121	07/06/92	006	/ /	12/14/92	DI	HAZWRAPBLK3	VOL	METHYLENE CHLORIDE	7.00	J	ug/L
1506	12/01/92	001	/ /	12/03/92	DI	VBLKSH	VOL	METHYLENE CHLORIDE	3.00	BR	ug/L
1512	12/02/92	002	/ /	12/09/92	DI	VBLKVO	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
1515	12/03/92	003	/ /	12/10/92	DI	VBLKKE	VOL	ACETONE	10.00	BR	ug/L
1515	12/03/92	003	/ /	12/10/92	DI	VBLKKE	VOL	METHYLENE CHLORIDE	1.00	BR	ug/L
1521	12/04/92	004	/ /	12/10/92	DI	VBLKW1	VOL	METHYLENE CHLORIDE	6.00	BR	ug/L
1528	12/05/92	005	/ /	12/11/92	DI	HAZWRAPBLKL	VOL	METHYLENE CHLORIDE	1.00	BR	ug/L
1534	12/05/92	006	/ /	12/11/92	DI	HAZWRAPBLKL	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
1544	12/16/92	001	/ /	12/18/92	DI	HAZWRAPBLK	VOL	METHYLENE CHLORIDE	1.00	BR	ug/L
1545	03/03/93	001	/ /	03/07/93	DI	VBLKC8	VOL	ACETONE	10.00	J	ug/L
1545	03/03/93	001	/ /	03/07/93	DI	VBLKC8	VOL	METHYLENE CHLORIDE	4.00		ug/L
1553	03/04/93	002	/ /	03/08/93	DI	VBLKD5	VOL	ACETONE	7.00	J	ug/L
1553	03/04/93	002	/ /	03/08/93	DI	VBLKD5	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
1565	03/05/93	003	/ /	03/11/93	DI	VBLKG4	VOL	METHYLENE CHLORIDE	3.00	BR	ug/L
1575	03/06/93	004	/ /	03/11/93	DI	VBLKH5	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
1591	03/08/93	005	/ /	03/11/93	DI	VBLKH4	VOL	CARBON DISULFIDE	1.00	J	ug/L
1591	03/08/93	005	/ /	03/11/93	DI	VBLKH4	VOL	METHYLENE CHLORIDE	20.00	BR	ug/L
1597	03/17/93	006	/ /	03/19/93	DI	VBLKN2	VOL	METHYLENE CHLORIDE	1.00	BR	ug/L

Table D.2. (cont.)

SIGNIFICANT CHEMICAL DATA FROM OTHER

FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
1542	12/16/92	001	12/17/92	12/19/92	WT	SBLK60	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	4.00	BR	ug/L
1542	12/16/92	001	12/17/92	12/19/92	WT	SBLK60	BNA	DI-N-BUTYLPHTHALATE	2.00	J	ug/L
1542	12/16/92	001	12/17/92	12/19/92	WT	SBLK60	BNA	DIETHYLPHTHALATE	1.00	J	ug/L
1542	12/16/92	001	12/29/92	01/09/93	WT	M10	MET	ALUMINUM	3440.00		ug/L
1542	12/16/92	001	12/29/92	01/09/93	WT	M10	MET	ARSENIC	58.50	J	ug/L
1542	12/16/92	001	12/29/92	01/09/93	WT	M10	MET	BARIUM	62.60		ug/L
1542	12/16/92	001	12/29/92	01/09/93	WT	M10	MET	CALCIUM	47000.00		ug/L
1542	12/16/92	001	12/29/92	01/09/93	WT	M10	MET	COPPER	16.30		ug/L
1542	12/16/92	001	12/29/92	01/09/93	WT	M10	MET	IRON	3070.00		ug/L
1542	12/16/92	001	12/29/92	01/09/93	WT	M10	MET	MAGNESIUM	11200.00		ug/L
1542	12/16/92	001	12/29/92	01/09/93	WT	M10	MET	MANGANESE	244.00		ug/L
1542	12/16/92	001	12/29/92	01/09/93	WT	M10	MET	POTASSIUM	10100.00		ug/L
1542	12/16/92	001	12/29/92	01/09/93	WT	M10	MET	SODIUM	147000.00		ug/L
1542	12/16/92	001	12/29/92	01/09/93	WT	M10	MET	VANADIUM	22.40		ug/L
1542	12/16/92	001	12/29/92	01/09/93	WT	M10	MET	ZINC	18.10		ug/L
1542	12/16/92	001	12/30/92	12/30/92	WT	VIBLKTPHPW01	PHC	GAS	0.05	J	mg/L
1542	12/16/92	001	/ /	12/18/92	WT	HAZWRAPBLK	VOL	ACETONE	58.00	BR	ug/L
1542	12/16/92	001	/ /	12/18/92	WT	HAZWRAPBLK	VOL	BENZENE	8.00	J	ug/L
1542	12/16/92	001	/ /	12/18/92	WT	HAZWRAPBLK	VOL	CHLOROFORM	1.00	J	ug/L
1542	12/16/92	001	/ /	12/18/92	WT	HAZWRAPBLK	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
1592	03/08/93	001	03/11/93	03/13/93	WT	SBLK64	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	5.00	BR	ug/L
1592	03/08/93	001	03/11/93	03/13/93	WT	SBLK64	BNA	DIETHYLPHTHALATE	1.00	J	ug/L
1592	03/08/93	001	03/18/93	03/22/93	WT	MET02	MET	ALUMINUM	384.00	J	ug/L
1592	03/08/93	001	03/18/93	03/22/93	WT	MET02	MET	ARSENIC	40.70		ug/L
1592	03/08/93	001	03/18/93	03/22/93	WT	MET02	MET	BARIUM	90.40		ug/L
1592	03/08/93	001	03/18/93	03/22/93	WT	MET02	MET	CALCIUM	59100.00		ug/L
1592	03/08/93	001	03/18/93	03/22/93	WT	MET02	MET	COPPER	46.60		ug/L
1592	03/08/93	001	03/18/93	03/22/93	WT	MET02	MET	IRON	361.00		ug/L
1592	03/08/93	001	03/18/93	03/22/93	WT	MET02	MET	MAGNESIUM	12300.00		ug/L
1592	03/08/93	001	03/18/93	03/22/93	WT	MET02	MET	MANGANESE	640.00		ug/L
1592	03/08/93	001	03/18/93	03/22/93	WT	MET02	MET	POTASSIUM	13600.00	J	ug/L

04/21/94

Table D.2. (cont.)

SIGNIFICANT CHEMICAL DATA FROM OTHER

FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
1592	03/08/93	001	03/18/93	03/22/93	WT	MET02	MET	SODIUM	214000.00		ug/L
1592	03/08/93	001	03/18/93	03/22/93	WT	MET02	MET	VANADIUM	9.40		ug/L
1592	03/08/93	001	03/18/93	03/22/93	WT	MET02	MET	ZINC	54.10		ug/L
1592	03/08/93	001	/ /	03/11/93	WT	VIBLKTPHW05	PHC	TPH BY GAS STD	0.08	J	ug/L
1592	03/08/93	001	/ /	03/11/93	WT	VBLKH4	VOL	BENZENE	10.00		ug/L
1592	03/08/93	001	/ /	03/11/93	WT	VBLKH4	VOL	CHLOROFORM	1.00	J	ug/L
1592	03/08/93	001	/ /	03/11/93	WT	VBLKH4	VOL	ETHYLBENZENE	2.00	J	ug/L
1592	03/08/93	001	/ /	03/11/93	WT	VBLKH4	VOL	METHYLENE CHLORIDE	30.00	BR	ug/L
1592	03/08/93	001	/ /	03/11/93	WT	VBLKH4	VOL	XYLENES (TOTAL)	3.00	J	ug/L

Table D.3. Significant data from method blanks

SIGNIFICANT CHEMICAL DATA FROM METHOD BLANKS

METHOD BLANK NUMBER	SDG	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
SBLK13	1015	12/10/92	12/12/92	S	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	120.00	J	ug/kg
SBLK13	1015	12/10/92	12/12/92	S	BNA	DI-N-BUTYLPHTHALATE	160.00	J	ug/kg
SBLK37	1015	/ /	/ /	S	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	160.00	J	ug/kg
SBLK37	1015	/ /	/ /	S	BNA	DI-N-BUTYLPHTHALATE	130.00	J	ug/kg
SBLK21	1036	12/11/92	12/13/92	S	BNA	DI-N-BUTYLPHTHALATE	87.00	J	ug/kg
SBLK24	1036	12/11/92	12/14/92	S	BNA	DI-N-BUTYLPHTHALATE	64.00	J	ug/kg
SBLK37	1036	/ /	/ /	S	BNA	DI-N-BUTYLPHTHALATE	130.00	J	ug/kg
SBLK37	1036	12/15/92	12/17/92	S	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	160.00	J	ug/kg
SBLK24	1055	/ /	/ /	S	BNA	DI-N-BUTYLPHTHALATE	64.00	J	ug/kg
SBLK37	1055	/ /	/ /	S	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	160.00	J	ug/kg
SBLK37	1055	/ /	/ /	S	BNA	DI-N-BUTYLPHTHALATE	130.00	J	ug/kg
SBLK38	1076	12/15/92	12/17/92	S	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	130.00	J	ug/kg
SBLK38	1076	12/15/92	12/17/92	S	BNA	DI-N-BUTYLPHTHALATE	120.00	J	ug/kg
SBLK38B	1076	12/15/92	12/17/92	S	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	130.00	J	ug/kg
SBLK38B	1076	12/15/92	12/17/92	S	BNA	DI-N-BUTYLPHTHALATE	120.00	J	ug/kg
SBLK36	1089	12/15/92	12/17/92	S	BNA	DI-N-BUTYLPHTHALATE	130.00	J	ug/kg
SBLK37	1089	/ /	/ /	S	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	160.00	J	ug/kg
SBLK37	1089	/ /	/ /	S	BNA	DI-N-BUTYLPHTHALATE	130.00	J	ug/kg
SBLK01	1089	/ /	/ /	S	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	43.00	J	ug/kg
SBLK60	1108	12/17/92	12/20/92	W	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	2.00	J	ug/L
SBLK78	1500	12/03/92	12/07/92	W	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	4.00	J	ug/L
SBLK78	1500	12/03/92	12/07/92	W	BNA	DI-N-BUTYLPHTHALATE	4.00	J	ug/L
SBLK81	1500	12/04/92	12/07/92	W	BNA	DI-N-BUTYLPHTHALATE	1.00	J	ug/L
SBLK81	1500	12/04/92	12/07/92	W	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	4.00	J	ug/L
SBLK87	1500	12/07/92	12/09/92	W	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	6.00	J	ug/L
SBLK87	1500	12/07/92	12/09/92	W	BNA	DI-N-BUTYLPHTHALATE	2.00	J	ug/L
SBLK87	1500	12/07/92	12/08/92	W	BNA	PENTACHLOROPHENOL	1.00	J	ug/L
SBLK01	1500	12/07/92	12/09/92	W	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	2.00	J	ug/L
SBLK01	1500	/ /	/ /	W	BNA	DIETHYLPHTHALATE	1.00	J	ug/L
SBLK86	1520	12/07/92	12/09/92	W	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	1.00	J	ug/L

Table D.3. (cont.)

SIGNIFICANT CHEMICAL DATA FROM METHOD BLANKS

METHOD BLANK NUMBER	SDG	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
SBLK86	1520	12/07/92	12/09/92	W	BNA	DI-N-BUTYLPHTHALATE	3.00	J	ug/L
SBLK86	1520	/ /	/ /	W	BNA	DIETHYLPHTHALATE	1.00	J	ug/L
SBLK86	1520	/ /	/ /	W	BNA	PENTACHLOROPHENOL	2.00	J	ug/L
SBLK08	1520	12/09/92	12/11/92	W	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	3.00	J	ug/L
SBLK05	1520	12/08/92	12/12/92	W	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	2.00	J	ug/L
SBLK27	1545	03/04/93	03/09/93	W	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	2.00	J	ug/L
SBLK41	1545	03/08/93	03/10/93	W	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	6.00	J	ug/L
SBLK50	1545	03/10/93	03/12/93	W	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	2.00	J	ug/L
SBLK50	1545	03/10/93	03/12/93	W	BNA	BUTYLBENZYLPHTHALATE	2.00	J	ug/L
SBLK45	1570	03/09/93	03/11/93	W	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	4.00	J	ug/L
SBLK45	1570	03/09/93	03/11/93	W	BNA	BUTYLBENZYLPHTHALATE	2.00	J	ug/L
SBLK45	1570	03/09/93	03/11/93	W	BNA	DIETHYLPHTHALATE	1.00	J	ug/L
SBLK51	1570	03/10/93	03/12/93	W	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	2.00	J	ug/L
SBLK51	1570	03/10/93	03/12/93	W	BNA	BUTYLBENZYLPHTHALATE	2.00	J	ug/L
SBLK63	1570	03/11/93	03/13/93	W	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	1.00	J	ug/L
SBLK64	1590	03/11/93	03/13/93	W	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	3.00	J	ug/L
M01	1000	12/03/92	12/05/92	S	MET	ALUMINUM	52.91		mg/kg
M01	1000	12/03/92	12/05/92	S	MET	BARIUM	1.17		mg/kg
M01	1000	12/03/92	12/05/92	S	MET	IRON	30.22		mg/kg
M01	1000	12/03/92	12/05/92	S	MET	SODIUM	98.63		mg/kg
M02	1004	12/04/92	12/09/92	W	MET	ALUMINUM	103.79		ug/L
M02	1004	12/04/92	12/09/92	W	MET	LEAD	2.35		ug/L
M03	1015	12/11/92	12/15/92	S	MET	ALUMINUM	50.36		mg/kg
M03	1015	12/11/92	12/15/92	S	MET	BARIUM	0.69		mg/kg
M03	1015	12/11/92	12/15/92	S	MET	IRON	23.29		mg/kg
M03	1015	12/11/92	12/15/92	S	MET	SODIUM	58.92		mg/kg
M04	1036	12/12/92	12/15/92	S	MET	ALUMINUM	32.57		mg/kg
M04	1036	12/12/92	12/15/92	S	MET	SODIUM	66.81		mg/kg
M04	1036	12/12/92	12/15/92	S	MET	ZINC	1.49		mg/kg
M05	1055	12/16/92	12/23/92	S	MET	ALUMINUM	31.07		mg/kg

Table D.3. (cont.)

SIGNIFICANT CHEMICAL DATA FROM METHOD BLANKS

METHOD BLANK NUMBER	SDG	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
M06	1076	12/18/92	01/05/93	S	MET	ALUMINUM	38.53		mg/kg
M06	1076	12/18/92	01/06/93	S	MET	BARIUM	0.62		mg/kg
M06	1076	12/18/92	01/06/93	S	MET	SODIUM	55.18		mg/kg
M07	1089	12/17/92	01/11/93	S	MET	ALUMINUM	39.90		mg/kg
M07	1089	12/17/92	01/07/93	S	MET	BARIUM	0.65		mg/kg
M07	1089	12/17/92	01/07/93	S	MET	SODIUM	69.56		mg/kg
M08	1105	12/23/92	01/09/93	S	MET	ALUMINUM	25.55	B	mg/kg
M08	1105	12/23/92	01/09/93	S	MET	SODIUM	58.54	B	mg/kg
M09	1500	12/10/92	12/11/92	W	MET	ALUMINUM	128.12	B	ug/L
M09	1500	12/10/92	12/11/92	W	MET	IRON	99.88	B	ug/L
M09	1500	12/10/92	12/11/92	W	MET	SODIUM	226.99	B	ug/L
M09	1500	12/10/92	12/11/92	W	MET	ZINC	4.07	B	ug/L
M10	1520	/ /	/ /	W	MET	ALUMINUM	134.20	B	ug/L
M10	1520	/ /	/ /	W	MET	BARIUM	2.61	B	ug/L
M10	1520	/ /	/ /	W	MET	CALCIUM	27.50	B	ug/L
M10	1520	/ /	/ /	W	MET	IRON	41.82	B	ug/L
M10	1520	/ /	/ /	W	MET	SODIUM	322.24	B	ug/L
M10	1520	/ /	/ /	W	MET	ZINC	3.40	B	ug/L
MET01	1545	03/09/93	03/10/93	W	MET	ALUMINUM	64.42	B	ug/L
MET01	1545	03/09/93	03/10/93	W	MET	CALCIUM	422.78	B	ug/L
MET01	1545	03/09/93	03/10/93	W	MET	IRON	25.87	B	ug/L
MET01	1545	03/09/93	03/10/93	W	MET	MAGNESIUM	101.65	B	ug/L
MET01	1545	03/09/93	03/10/93	W	MET	MANGANESE	1.63	B	ug/L
MET01	1545	03/09/93	03/23/93	W	MET	ZINC	6.42	B	ug/L
MET02	1570	03/18/93	03/21/93	W	MET	ALUMINUM	58.05	B	ug/L
MET02	1570DL	03/18/93	03/20/93	W	MET	ALUMINUM	58.05	B	ug/L
MET02	1570	03/18/93	03/21/93	W	MET	BARIUM	2.54	B	ug/L
MET02	1570DL	03/18/93	03/20/93	W	MET	BARIUM	2.54	B	ug/L
MET02	1570	03/18/93	03/21/93	W	MET	CALCIUM	23.07	B	ug/L
MET02	1570DL	03/18/93	03/20/93	W	MET	CALCIUM	23.07	B	ug/L

Table D.3. (cont.)

SIGNIFICANT CHEMICAL DATA FROM METHOD BLANKS

METHOD BLANK NUMBER	SDG	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
MET02	1570	03/18/93	03/21/93	W	MET	SODIUM	344.41	B	ug/L
MET02	1570DL	03/18/93	03/20/93	W	MET	SODIUM	344.41	B	ug/L
VBLKB8	1015	/ /	/ /	S	PHC	GAS	0.01	J	mg/kg
VBLKB0	1036	12/17/92	12/18/92	S	PHC	GAS	0.01	J	mg/kg
VBLKBG	1055	12/18/92	12/18/92	S	PHC	GAS	0.04	J	mg/kg
VBLKAJ	1089	12/21/92	12/21/92	S	PHC	GAS	0.01	J	mg/kg
VIBLKTPHPW09	1500	12/14/92	12/14/92	W	PHC	GAS	0.01	J	mg/L
VIBLKTPHPW09	1500DL	12/14/92	12/14/92	W	PHC	GAS	0.01	J	mg/L
VIBLKTPHPW10	1500	/ /	/ /	W	PHC	GAS	0.03	J	mg/L
VIBLKTPHPW09	1520	/ /	/ /	W	PHC	GAS	0.01	J	mg/L
VIBLKTPHPW09	1520	/ /	/ /	W	PHC	GAS	0.01	J	mg/L
VIBLKTPHPW10	1520	12/14/92	12/14/92	W	PHC	GAS	0.03	J	mg/L
VIBLKTPHPW10	1538	/ /	/ /	W	PHC	GAS	0.03	J	mg/L
VBLKCA	1561	/ /	03/12/93	W	PHC	TPH BY GAS STD	0.05	J	mg/L
VBLKG8	1000	/ /	11/17/92	S	VOL	ACETONE	14.00		ug/kg
VBLKG8	1000RE	/ /	11/20/92	S	VOL	ACETONE	14.00		ug/kg
VBLKG8	1000	/ /	11/17/92	S	VOL	METHYLENE CHLORIDE	17.00		ug/kg
VBLKG8	1000RE	/ /	11/20/92	S	VOL	METHYLENE CHLORIDE	17.00		ug/kg
VBLKO3	1000	/ /	/ /	S	VOL	METHYLENE CHLORIDE	41.00		ug/kg
VBLKO3	1000	/ /	/ /	S	VOL	ACETONE	19.00		ug/kg
VBLKS9	1000	/ /	11/17/92	S	VOL	ACETONE	32.00		ug/kg
VBLKS9	1000RE	/ /	11/20/92	S	VOL	ACETONE	32.00		ug/kg
VBLKS9	1000	/ /	11/17/92	S	VOL	METHYLENE CHLORIDE	27.00		ug/kg
VBLKS9	1000RE	/ /	11/20/92	S	VOL	METHYLENE CHLORIDE	27.00		ug/kg
VBLKSA	1004	/ /	11/16/92	W	VOL	METHYLENE CHLORIDE	4.00	J	ug/L
VBLKCA	1004	/ /	11/19/92	W	VOL	METHYLENE CHLORIDE	3.00	J	ug/L
VBLKJ9	1015	/ /	12/08/92	S	VOL	METHYLENE CHLORIDE	25.00		ug/kg
VBLKJ9	1015	/ /	12/08/92	S	VOL	ACETONE	12.00		ug/kg
VBLKJ9	1015	/ /	12/08/92	S	VOL	METHYLENE CHLORIDE	25.00		ug/kg
VBLKK5	1015	/ /	/ /	S	VOL	2-HEXANONE	3.00	J	ug/kg

Table D.3. (cont.)

SIGNIFICANT CHEMICAL DATA FROM METHOD BLANKS

METHOD BLANK NUMBER	SDG	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
VBLKK5	1015	/ /	/ /	S	VOL	4-METHYL-2-PENTANONE	2.00	J	ug/kg
VBLKK5	1015	/ /	12/09/92	S	VOL	ACETONE	25.00		ug/kg
VBLKK5	1015	/ /	12/09/92	S	VOL	METHYLENE CHLORIDE	21.00		ug/kg
VBLKM2	1015	/ /	12/10/92	S	VOL	METHYLENE CHLORIDE	39.00		ug/kg
VBLKM2	1015	/ /	/ /	S	VOL	2-HEXANONE	1.00	J	ug/kg
VBLKM2	1015	/ /	12/10/92	S	VOL	ACETONE	39.00		ug/kg
VBLKK5	1036	/ /	/ /	S	VOL	1,1,1-TRICHLOROETHANE	1.00	J	ug/kg
VBLKK5	1036	/ /	/ /	S	VOL	METHYLENE CHLORIDE	10.00		ug/kg
VBLKK6	1036	/ /	12/08/92	S	VOL	METHYLENE CHLORIDE	35.00		ug/kg
VBLKK6	1036	/ /	12/08/92	S	VOL	ACETONE	15.00		ug/kg
VBLKM2	1036	/ /	/ /	S	VOL	ACETONE	39.00		ug/kg
VBLKM2	1036	/ /	/ /	S	VOL	2-HEXANONE	1.00	J	ug/kg
VBLKM2	1036	/ /	/ /	S	VOL	METHYLENE CHLORIDE	38.00		ug/kg
VBLKP1	1036	/ /	12/10/92	S	VOL	METHYLENE CHLORIDE	130.00	J	ug/kg
VBLKK5	1055	/ /	/ /	S	VOL	2-HEXANONE	3.00	J	ug/kg
VBLKK5	1055	/ /	/ /	S	VOL	4-METHYL-2-PENTANONE	2.00	J	ug/kg
VBLKK5	1055	/ /	/ /	S	VOL	ACETONE	25.00		ug/kg
VBLKK5	1055	/ /	/ /	S	VOL	METHYLENE CHLORIDE	21.00		ug/kg
VBLKN4	1055	/ /	/ /	S	VOL	2-BUTANONE	4.00	J	ug/kg
VBLKN4	1055	/ /	/ /	S	VOL	2-HEXANONE	2.00	J	ug/kg
VBLKN4	1055	/ /	12/11/92	S	VOL	ACETONE	22.00		ug/kg
VBLKN4	1055	/ /	12/11/92	S	VOL	METHYLENE CHLORIDE	17.00		ug/kg
VBLKA8	1055	/ /	12/15/92	S	VOL	METHYLENE CHLORIDE	240.00	J	ug/kg
VBLKV6	1055	/ /	12/16/92	S	VOL	METHYLENE CHLORIDE	25.00		ug/kg
VBLKV6	1055	/ /	12/16/92	S	VOL	ACETONE	29.00		ug/kg
VBLKV6	1055	/ /	12/16/92	S	VOL	CHLOROFORM	2.00	J	ug/kg
VBLKZ7	1055	/ /	12/17/92	S	VOL	ACETONE	21.00		ug/kg
VBLKZ7	1055	/ /	12/17/92	S	VOL	CHLOROFORM	1.00	J	ug/kg
VBLKZ7	1055	/ /	12/17/92	S	VOL	METHYLENE CHLORIDE	28.00		ug/kg
VBLKL5	1076	/ /	12/08/92	S	VOL	ACETONE	15.00		ug/kg

04/21/94

Table D.3. (cont.)

SIGNIFICANT CHEMICAL DATA FROM METHOD BLANKS

METHOD BLANK NUMBER	SDG	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
VBLKL5	1076	/ /	12/08/92	S	VOL	METHYLENE CHLORIDE	21.00		ug/kg
VBLKM2	1076	/ /	/ /	S	VOL	ACETONE	39.00		ug/kg
VBLKM2	1076	/ /	/ /	S	VOL	METHYLENE CHLORIDE	38.00		ug/kg
VBLKL6	1076	/ /	12/11/92	S	VOL	ACETONE	14.00		ug/kg
VBLKL6	1076	/ /	12/11/92	S	VOL	METHYLENE CHLORIDE	17.00		ug/kg
VBLKQ7	1076	/ /	12/12/92	S	VOL	METHYLENE CHLORIDE	19.00		ug/kg
VBLKQ7	1076	/ /	12/12/92	S	VOL	ACETONE	12.00		ug/kg
VBLKS4	1076	/ /	12/14/92	S	VOL	METHYLENE CHLORIDE	210.00	J	ug/kg
VBLKDY	1076	/ /	12/15/92	S	VOL	METHYLENE CHLORIDE	160.00	J	ug/kg
VBLKU9	1089	/ /	12/16/92	S	VOL	METHYLENE CHLORIDE	17.00		ug/kg
VBLKU5	1089	/ /	12/16/92	S	VOL	ACETONE	16.00		ug/kg
VBLKU5	1089	/ /	12/16/92	S	VOL	METHYLENE CHLORIDE	43.00		ug/kg
VBLKY3	1089	/ /	12/16/92	S	VOL	METHYLENE CHLORIDE	530.00	J	ug/kg
VBLKX7	1089	/ /	12/16/92	S	VOL	METHYLENE CHLORIDE	25.00		ug/kg
VBLKY5	1089	/ /	12/17/92	S	VOL	METHYLENE CHLORIDE	240.00	J	ug/kg
VBLKY9	1089	/ /	12/17/92	S	VOL	METHYLENE CHLORIDE	36.00		ug/kg
VBLKY9	1089	/ /	12/17/92	S	VOL	ACETONE	18.00		ug/kg
VBLKY9	1089	/ /	12/17/92	S	VOL	CHLOROFORM	2.00	J	ug/kg
HAZWRAPBLK1	1108	/ /	/ /	W	VOL	ACETONE	8.00	J	ug/L
HAZWRAPBLK1	1108	/ /	12/11/92	W	VOL	METHYLENE CHLORIDE	1.00	J	ug/L
HAZWRAPBLK2	1108	/ /	12/11/92	W	VOL	METHYLENE CHLORIDE	3.00	J	ug/L
HAZWRAPBLK	1108	/ /	/ /	W	VOL	METHYLENE CHLORIDE	1.00	J	ug/L
HAZWRAPBLK	1108	/ /	12/18/92	W	VOL	ACETONE	14.00		ug/L
VBLKCZ	1108	/ /	12/20/92	W	VOL	METHYLENE CHLORIDE	1.00	J	ug/L
VBLKSH	1500	/ /	12/03/92	W	VOL	METHYLENE CHLORIDE	2.00	J	ug/L
VBLKCR	1500	/ /	12/07/92	W	VOL	METHYLENE CHLORIDE	1.00	J	ug/L
VBLKVO	1500	/ /	12/09/92	W	VOL	METHYLENE CHLORIDE	2.00	J	ug/L
VBLKKE	1500	/ /	12/10/92	W	VOL	METHYLENE CHLORIDE	3.00	J	ug/L
VBLKKE	1500	/ /	12/10/92	W	VOL	ACETONE	15.00		ug/L
VBLKWI	1520	/ /	12/10/92	W	VOL	METHYLENE CHLORIDE	4.00	J	ug/L

Table D.3. (cont.)

SIGNIFICANT CHEMICAL DATA FROM METHOD BLANKS

METHOD BLANK NUMBER	SDG	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
VBLKWI	1520	/ /	12/10/92	W	VOL	METHYLENE CHLORIDE	4.00	J	ug/L
HAZWRAPBLKL	1520	/ /	12/11/92	W	VOL	METHYLENE CHLORIDE	1.00	J	ug/L
HAZWRAPBLKL	1520	/ /	12/11/92	W	VOL	ETHYLBENZENE	1.00	J	ug/L
HAZWRAPBLK	1520	/ /	12/12/92	W	VOL	METHYLENE CHLORIDE	2.00	J	ug/L
VBLKD5	1545	/ /	03/08/93	W	VOL	METHYLENE CHLORIDE	1.00	J	ug/L
VBLKG6	1545	/ /	03/09/93	W	VOL	METHYLENE CHLORIDE	2.00	J	ug/L
VBLKG7	1545	/ /	03/09/93	W	VOL	METHYLENE CHLORIDE	5.00	J	ug/L
VBLKG4	1545	/ /	/ /	W	VOL	METHYLENE CHLORIDE	1.00	J	ug/L
VBLKG4	1570	/ /	03/11/93	W	VOL	METHYLENE CHLORIDE	1.00	J	ug/L
VBLKH5	1570	/ /	03/11/93	W	VOL	METHYLENE CHLORIDE	4.00	J	ug/L
VBLKH4	1590	/ /	03/11/93	W	VOL	METHYLENE CHLORIDE	4.00	J	ug/L
VBLKH2	1590	/ /	03/19/93	W	VOL	METHYLENE CHLORIDE	2.00	J	ug/L

Table D-1. Target compounds, methods, and detection limits

Analyte	Method		Detection Limit	
	Water	Soil	Water	Soil
PETROLEUM HYDROCARBONS	LUFT (8015 Modified California Method)		1 mg/L	1 mg/k
VOLATILE ORGANICS				
Chloromethane	CLP	CLP	10 µg/L	10 µg/kg
Bromomethane	CLP	CLP	10 µg/L	10 µg/kg
Vinyl chloride	CLP	CLP	10 µg/L	10 µg/kg
Chloroethane	CLP	CLP	10 µg/L	10 µg/kg
Methylene chloride	CLP	CLP	5 µg/L	5 µg/kg
Acetone	CLP	CLP	10 µg/L	10 µg/kg
Carbon disulfide	CLP	CLP	5 µg/L	5 µg/kg
1,1-Dichloroethene	CLP	CLP	5 µg/L	5 µg/kg
1,1-Dichloroethane	CLP	CLP	5 µg/L	5 µg/kg
1,2-Dichloroethene (total)	CLP	CLP	5 µg/L	5 µg/kg
Chloroform	CLP	CLP	5 µg/L	5 µg/kg
1,2-Dichloroethane	CLP	CLP	5 µg/L	5 µg/kg
2-Butanone	CLP	CLP	10 µg/L	10 µg/kg
1,1,1-Trichloroethane	CLP	CLP	5 µg/L	5 µg/kg
Carbon tetrachloride	CLP	CLP	5 µg/L	5 µg/kg
Vinyl acetate	CLP	CLP	10 µg/L	10 µg/kg
Bromodichloromethane	CLP	CLP	5 µg/L	5 µg/kg
1,2-Dichloropropane	CLP	CLP	5 µg/L	5 µg/kg
cis-1,3-Dichloropropene	CLP	CLP	5 µg/L	5 µg/kg
Trichloroethene	CLP	CLP	5 µg/L	5 µg/kg
Dibromochloromethane	CLP	CLP	5 µg/L	5 µg/kg
1,1,2-Trichloroethane	CLP	CLP	5 µg/L	5 µg/kg
Benzene	CLP	CLP	5 µg/L	5 µg/kg

Table D-4. (continued)

Analyte	Method		Detection Limit	
	Water	Soil	Water	Soil
trans-1,3-Dichloropropene	CLP	CLP	5 µg/L	5 µg/kg
2-Chloroethylvinyl ether	CLP	CLP	10 µg/L	10 µg/kg
Bromoform	CLP	CLP	5 µg/L	5 µg/kg
4-Methyl-2-pentanone	CLP	CLP	10 µg/L	10 µg/kg
2-Hexanone	CLP	CLP	10 µg/L	10 µg/kg
Tetrachloroethene	CLP	CLP	5 µg/L	5 µg/kg
1,1,2,2-Tetrachloroethane	CLP	CLP	5 µg/L	5 µg/kg
Toluene	CLP	CLP	5 µg/L	5 µg/kg
Chlorobenzene	CLP	CLP	5 µg/L	5 µg/kg
Ethylbenzene	CLP	CLP	5 µg/L	5 µg/kg
Styrene	CLP	CLP	5 µg/L	5 µg/kg
Total xylenes	CLP	CLP	5 µg/L	5 µg/kg
BASE NEUTRAL/ACID EXTRACTABLE ORGANICS				
Phenol	CLP	CLP	10 µg/L	330 µg/kg
bis(2-chloroethyl)ether	CLP	CLP	10 µg/L	330 µg/kg
2-Chlorophenol	CLP	CLP	10 µg/L	330 µg/kg
1,3-Dichlorobenzene	CLP	CLP	10 µg/L	330 µg/kg
1,4-Dichlorobenzene	CLP	CLP	10 µg/L	330 µg/kg
Benzyl alcohol	CLP	CLP	10 µg/L	330 µg/kg
1,2-Dichlorobenzene	CLP	CLP	10 µg/L	330 µg/kg
2-Methylphenol	CLP	CLP	10 µg/L	330 µg/kg
bis(2-chloroisopropyl)ether	CLP	CLP	10 µg/L	330 µg/kg
4-Methylphenol	CLP	CLP	10 µg/L	330 µg/kg
n-Nitroso-di-n-propylamine	CLP	CLP	10 µg/L	330 µg/kg
Hexachloroethane	CLP	CLP	10 µg/L	330 µg/kg
Nitrobenzene	CLP	CLP	10 µg/L	330 µg/kg
Isophorone	CLP	CLP	10 µg/L	330 µg/kg

Table D-4. (continued)

Analyte	Method		Detection Limit	
	Water	Soil	Water	Soil
2-Nitrophenol	CLP	CLP	10 µg/L	330 µg/kg
2,4-Dimethylphenol	CLP	CLP	10 µg/L	330 µg/kg
Benzoic acid	CLP	CLP	10 µg/L	1600 µg/kg
bis(2-chloroethoxy)methane	CLP	CLP	10 µg/L	330 µg/kg
2,4-Dichlorophenol	CLP	CLP	10 µg/L	330 µg/kg
1,2,4-Trichlorobenzene	CLP	CLP	10 µg/L	330 µg/kg
Naphthalene	CLP	CLP	10 µg/L	330 µg/kg
4-Chloroaniline	CLP	CLP	10 µg/L	330 µg/kg
Hexachlorobutadiene	CLP	CLP	10 µg/L	330 µg/kg
4-Chloro-3-methylphenol	CLP	CLP	10 µg/L	330 µg/kg
2-Methylnaphthalene	CLP	CLP	10 µg/L	330 µg/kg
Hexachlorocyclopentadiene	CLP	CLP	10 µg/L	330 µg/kg
2,4,6-Trichlorophenol	CLP	CLP	10 µg/L	330 µg/kg
2,4,5-Trichlorophenol	CLP	CLP	50 µg/L	1600 µg/kg
2-Chloronaphthalene	CLP	CLP	10 µg/L	330 µg/kg
2-Nitroaniline	CLP	CLP	50 µg/L	1600 µg/kg
Dimethylphthalate	CLP	CLP	10 µg/L	330 µg/kg
3-Nitroaniline	CLP	CLP	50 µg/L	1600 µg/kg
Acenaphthene	CLP	CLP	10 µg/L	330 µg/kg
2,4-Dinitrophenol	CLP	CLP	50 µg/L	1600 µg/kg
4-Nitrophenol	CLP	CLP	50 µg/L	1600 µg/kg
Dibenzofuran	CLP	CLP	10 µg/L	330 µg/kg
2,4-Dinitrotoluene	CLP	CLP	10 µg/L	330 µg/kg
2,6-dinitrotoluene	CLP	CLP	10 µg/L	330 µg/kg
Diethylphthalate	CLP	CLP	10 µg/L	330 µg/kg
4-Chlorophenyl-phenylether	CLP	CLP	10 µg/L	330 µg/kg
Fluorene	CLP	CLP	10 µg/L	330 µg/kg

Table D-4. (continued)

Analyte	Method		Detection Limit	
	Water	Soil	Water	Soil
4-Nitroaniline	CLP	CLP	50 µg/L	1600 µg/kg
4,6-Dinitro-2-methylphenol	CLP	CLP	50 µg/L	1600 µg/kg
n-Nitrosodiphenylamine	CLP	CLP	10 µg/L	330 µg/kg
4-Bromophenyl-phenylether	CLP	CLP	10 µg/L	330 µg/kg
Hexachlorobenzene	CLP	CLP	10 µg/L	330 µg/kg
Pentachlorophenol	CLP	CLP	50 µg/L	1600 µg/kg
Phenanthrene	CLP	CLP	10 µg/L	330 µg/kg
Anthracene	CLP	CLP	10 µg/L	330 µg/kg
di-n-Butylphthalate	CLP	CLP	10 µg/L	330 µg/kg
Fluoranthene	CLP	CLP	10 µg/L	330 µg/kg
Pyrene	CLP	CLP	10 µg/L	330 µg/kg
Butylbenzylphthalate	CLP	CLP	10 µg/L	330 µg/kg
3,3-Dichlorobenzidine	CLP	CLP	20 µg/L	660 µg/kg
Benzo(a)anthracene	CLP	CLP	10 µg/L	330 µg/kg
bis(2-ethylhexyl)phthalate	CLP	CLP	10 µg/L	330 µg/kg
Chrysene	CLP	CLP	10 µg/L	330 µg/kg
di-n-Octylphthalate	CLP	CLP	10 µg/L	330 µg/kg
Benzo(b)fluoranthene	CLP	CLP	10 µg/L	330 µg/kg
Benzo(k)fluoranthene	CLP	CLP	10 µg/L	330 µg/kg
Benzo(a)pyrene	CLP	CLP	10 µg/L	330 µg/kg
Indeno(1,2,3-cd)pyrene	CLP	CLP	10 µg/L	330 µg/kg
Dibenz(a,h)anthracene	CLP	CLP	10 µg/L	330 µg/kg
Benzo(g,h,i)perylene	CLP	CLP	10 µg/L	330 µg/kg
PRIORITY POLLUTANT METALS				
Aluminum	CLP	CLP	0.04 mg/L	8 mg/kg
Antimony	CLP	CLP	0.03 mg/L	6 mg/kg
Barium	CLP	CLP	0.002 mg/L	0.4 mg/kg

Table D-4. (continued)

Analyte	Method		Detection Limit	
	Water	Soil	Water	Soil
Beryllium	CLP	CLP	0.001 mg/L	0.2 mg/kg
Cadmium	CLP	CLP	0.005 mg/L	1.0 mg/kg
Chromium	CLP	CLP	0.01 mg/L	2.0 mg/kg
Cobalt	CLP	CLP	0.05 mg/L	4.0 mg/kg
Copper	CLP	CLP	0.01 mg/L	2.0 mg/kg
Nickel	CLP	CLP	0.01 mg/L	10 mg/kg
Silver	CLP	CLP	0.005 mg/L	1.0 mg/kg
Zinc	CLP	CLP	0.005 mg/L	1.0 mg/kg
Arsenic	CLP	CLP	0.002 mg/L	0.4 mg/kg
Lead	CLP	CLP	0.002 mg/L	0.4 mg/kg
Vanadium	CLP	CLP	0.01 mg/L	2.0 mg/kg
Selenium	CLP	CLP	0.002 mg/L	0.4 mg/kg
Mercury	CLP	CLP	0.0002 mg/L	0.2 mg/kg
Thallium	CLP	CLP	0.002 mg/L	0.4 mg/kg
Calcium	CLP	CLP	5.0 mg/L	1000 mg/kg
Iron	CLP	CLP	0.1 mg/L	20 mg/kg
Magnesium	CLP	CLP	5.0 mg/L	1000 mg/kg
Manganese	CLP	CLP	0.015 mg/L	3 mg/kg
Potassium	CLP	CLP	5.0 mg/L	1000 mg/kg
Sodium	CLP	CLP	5.0 mg/L	1000 mg/kg

APPENDIX E

QUALITY CONTROL SUMMARY

APPENDIX E
QUALITY CONTROL SUMMARY

1. DISCUSSION

Environmental sampling and laboratory analyses were performed according to a quality control/quality assurance (QA/QC) plan which was approved before the start of field activities. This report presents a summary and assessment of the field and laboratory QC samples generated throughout the investigation. All laboratory data were validated at Level C, as defined in *Requirements for Quality Control of Analytical Data* (HAZWRAP 1990). The precision, accuracy, representativeness, and completeness have been evaluated to determine if the objectives of the investigation were met.

2. QUALITY ASSURANCE OBJECTIVES

2.1 Precision

Precision refers to the degree of agreement between duplicate measurements of a single analyte. Analytical precision is expressed as the relative percent difference (RPD) between analytical results of samples collected in duplicate in the field or given in a matrix spike in the laboratory, then analyzed as a duplicate. RPD is calculated as:

$$RPD = \frac{C_1 - C_2}{\left(\frac{C_1 + C_2}{2}\right)} \times 100$$

where

C_1 = concentration of the analyte in the sample or matrix-spiked sample;
C_2 = concentration of the analyte in the duplicate or matrix-spike duplicate.

Results of duplicate analyses are shown in Tables E.5 and E.6. In the absence of criteria for establishing precision from duplicate samples collected in the field, the analytical precision was evaluated from the RPDs between matrix spike (MS) and matrix spike duplicate (MSD) recoveries. Approximately 90% of all RPDs were within the advisory limits given in *National Functional Guidelines for Organic Data Review* (EPA 1990a). This meets the QA objective established in the sampling and analysis plan of no more than 20% of RPDs outside of advisory limits.

2.2 Accuracy

Accuracy refers to the degree of difference between measured or calculated values and the true value. Analytical accuracy is expressed as the percent recovery of an analyte, which has been added to an environmental sample as a known concentration before analysis; specifically, the percent recovery of MSs, MSDs, and surrogate spikes. The equation used to calculate percent recovery is:

$$percent\ recovery = \frac{A_r - A_e}{A_f} \times 100$$

where

A_r = total amount of analyte found in spiked sample;
A_o = amount found in unspiked sample;
A_f = amount added to sample.

Surrogate spikes outside of advisory limits are shown in Table E.3; results of MS and MSD recoveries for organics are shown in Table E.6, and Table E.7 lists spike recoveries outside of control limits for metals. The QA objective for accuracy was 10%, i.e., no more than 10% of spike recoveries should be outside of advisory limits. Table E.8 shows the total percentages of analyses which failed acceptance criteria. All analyses met the objective for accuracy except metals, which had 26% of the spike recoveries outside of limits. However, when the metals spike recoveries were compared to the guidelines in *Laboratory Data Validation Functional Guidelines for Evaluating Inorganic Analyses* (EPA 1988), only seven (3.3%) of the spike recoveries were flagged as "unusable"; the remaining recoveries outside of Contract Laboratory Program (CLP) limits were flagged as "estimated" quantities.

2.3 Representativeness

Representativeness of analytical data is the degree to which the data represent the actual environmental conditions at a sampling location. The effort to maximize this objective was accomplished by the following methods:

- choosing sample locations that fully represented the sites of investigation,
- using appropriate sampling procedures and equipment,
- using appropriate analytical methods,
- collecting equipment rinsate blanks, field blanks, and trip blanks,
- proper handling, storage and shipment of samples from collection to analysis, and
- analyzing samples within holding times.

Table E.4 lists the samples that exceeded allowable holding times. All volatiles and metals samples were analyzed within holding times; one semivolatile soil sample (1106) was extracted 4 days past the allowable holding time. This sample was collected as a field duplicate, and a comparison of the analytical results to those of the original sample (analyzed within the holding time limit) showed close agreement (Table E.5). Eleven soil samples for analysis of petroleum hydrocarbons were extracted from two to four days past the allowable holding time; four were reruns of the original samples. The analytical results of these 11 samples have been flagged as "estimated" quantities. All contained petroleum hydrocarbons as gasoline, with analytical values ranging from 0.3 mg/kg to 2500 mg/kg.

2.4 Completeness

Completeness is expressed as a percentage of valid data from the entire set of analyses for the project. For data to be considered valid, it must meet all the acceptance criteria for precision, accuracy, and any other criteria specified by the analytical method used. The QA objective for this category was 90%. The equation used to calculate percent completeness is:

$$Completeness = DP_v = \frac{DP_t - DP_i}{DP_t} \times 100$$

where

DP_v = valid data points,

DP_i = invalid data points (sum of percent recovery and RPD values outside laboratory control limits, and number of analytes in all samples affected by method blank contamination),

DP_t = total number of QC data points. Each volatile analysis has 33 data points, each semivolatile analysis has 64 data points, each petroleum hydrocarbons analysis has 2 data points, and each metals analysis has 23 data points.

Table E.9 is a work sheet showing the calculations used to evaluate completeness. According to these calculations the data points are 96% valid, and the QA objective was met.

3. GROUNDWATER SCREENING METHOD

After the seven sites of investigation had been located from historical data and aerial photographs, contamination boundaries at the sites were defined using the groundwater screening method (GSM). This consisted of driving hollow rods into the ground through the surface of the water table, then collecting groundwater samples from a small, stainless steel bailer. The bailer was filled as close to the top of the water table as possible. Approximately 20 mL of groundwater was decanted into a 40-mL septum vial for headspace analysis by gas chromatography. Representativeness of the GSM was effected by using approved procedures for sample collection, analysis, and equipment decontamination. Completeness for the GSM consisted of establishing a rectangular grid over the site, then sampling outward from the grid parameter until no more contamination was detected. Grid points inside the perimeter were sampled until the areal configuration of the contamination was established. Precision and accuracy of the groundwater analyses were not estimated due to the fact that the contaminants detected appeared to be weathered fuel hydrocarbons, and quantitation of multiple unknown peaks could not be achieved using the GSM. A syringe blank of ambient air was analyzed before each sample to demonstrate that no contaminants were in the syringe.

4. ANALYTICAL METHODS

Table E.10 lists the analytical methods used throughout the sampling program. Volatiles, semivolatiles, and metals analyses followed the methods described in *USEPA Contract Laboratory Program Statement of Work for Organics Analysis* (EPA 1990b) and *USEPA Contract Laboratory Program Statement of Work for Inorganics Analysis* (EPA 1990c). Petroleum hydrocarbons were analyzed according to a modified method described in the Leaking Underground Fuel Tank Field Manual (LUFT 1987), with jet fuel (JP-4) and gasoline standards. Method detection limits for target compounds and analytes are listed in Table D.4 of Appendix D.

5. BLANK CONTAMINATION

5.1 Method Blanks

Method blank contamination (Table E.2, and Appendix D, Table D-3) consisted almost entirely of common laboratory contaminants; typically acetone and methylene chloride in the volatiles, and phthalate ester, laboratory artifacts, and aldol condensation products in the semivolatiles. None of the identified semivolatile method blank contaminants were present above reporting limits; only acetone and methylene chloride exceeded reporting levels in the volatiles. Eight of 20 petroleum hydrocarbons method blanks contained trace amounts of gasoline or JP-4, up to 0.05 mg/L and 0.04 mg/kg. Volatile, semivolatile, and metals samples with contamination in the associated method blanks were evaluated according to guidelines in *National Functional Guidelines for Organic Data Review* (EPA 1990a) and *Laboratory Data Validation Functional Guidelines for Evaluating Inorganic Analyses* (EPA 1988). Contaminated method blanks in the volatiles and

semivolatiles analyses have a minimal affect on the data, as the compounds used historically at the seven sites were comprised mainly of fuel hydrocarbons and minor amounts of chlorinated ethenes. Gasoline in the petroleum hydrocarbon method blanks was evaluated with the same criteria as the volatiles and semivolatiles, i.e.,if contamination was found in the blank but not in the sample, no action is taken. If contamination is present in the sample at a concentration less than five times the concentration in the associated blank, then the sample results are flagged. If the gasoline concentration in the sample is greater than five times the concentration in the blank, no action is taken. Of the 64 petroleum hydrocarbons samples with associated method blank contamination, these criteria resulted in flagging three samples (1067, 1069, and 1070) as usable.

5.2 Field Blanks

Organic field blank contaminants (Appendix D, Table D-2) were mainly phthalate esters in the semivolatiles and trihalomethanes in the volatile blanks. Phthalates were also found in the associated method blanks and are probably due to cross-contamination in the laboratory. Although the source of the trihalomethanes is unknown, they may have originated in the glass jugs used to store the deionized water. Impact on data is minimal, as these compounds seldom appeared in analytical results of soil and groundwater, and there is no historical evidence of their use at the sites. Metals contamination in the blanks consisted of aluminum, arsenic, barium, calcium, copper, iron, led, magnesium, manganese, potassium, sodium, and zinc. Five of these (aluminum, calcium, iron, manganese, and zinc) were also present in the associated method blanks. The origin of the remaining metals contaminants is unknown, but possibly due to cross-contamination from sampling equipment or improper cleaning of glass jugs in which the deionized water was stored. It is unlikely that analytical results of groundwater were affected; the sampling equipment had several casing-volumes of well water pumped through the sample tubing immediately before collecting samples for metals analysis.

5.3 Equipment Rinsate Blanks

Volatile and semivolatile organic compounds found in the rinsate blanks (Appendix D, Table D-2) consisted entirely of methylene chloride and phthalate esters which were also found in the associated method blanks. Three rinsate blanks had traces (up to 0.04 μg/L) of petroleum hydrocarbons as gasoline, two of which had gasoline in the associated method blanks. Metals contaminants were aluminum, arsenic, barium, calcium, copper, iron, magnesium, manganese, sodium, and zinc. Aluminum, barium calcium, iron, manganese, and sodium were also found in the method blanks. The origin of the remaining metals in the rinsate blanks is unknown, but possibly due to contamination in the deionized water or incomplete rinsing of the sample pump tubing. In either case, it is unlikely that sample results were affected, as several well-volumes of groundwater were pumped through the sample tubing before the samples were collected.

5.4 Trip Blanks

Trip blanks contamination (Appendix D, Table D-2) consisted of methylene chloride and acetone, which were also found in the associated method blanks, and one instance of carbon disulfide (1.0 μg/L). This should have minimal impact on the data.

6. CONCLUSIONS

Overall, data generated throughout the investigation are acceptable. Petroleum hydrocarbon samples that were analyzed past allowable holding times all contained measurable quantities of gasoline. Consequently, the analytical results were useful in defining the location of fuel in the subsurface soil, even if the actual amount in 11 of the samples is questionable. Metals spike recovery, especially in soil samples, did not meet the data quantity objective for accuracy. However, only a small number (1.4%) of the total metals data points were affected; of those affected, most were usable even if estimated.

Table E.1. Method Blanks

	Total number of method blanks (both soil and water	Total number of blanks with contamination	Total number of blanks with contamination greater than reporting limits
Volatiles	46	46	19
Semivolatiles	30	27	0
Petroleum hydrocarbons	20	8	0

Table E.2. Method blank contaminants

Contaminant (occurrences)	Limit of detection water/soil (µg/L/µg/kg)	Reporting limit water/soil (µg/L/µg/kg)	Maximum concentration found in blank water/soil (µg/L/µg/kg)	Number of blanks with contamination > reporting limit water/soil
Volatiles				
Methylene chloride (52)	1/1	10/10	5J/530J	0/24
Acetone (23)	1/1	10/10	15/39	2/20
TICs[1] (laboratory artifact) (15)	unknown	unknown	ND[2]/5J	unknown
2-Hexanone (5)	1/1	10/10	ND/2J	0/0
Chloroform (2)	1/1	10/10	ND/2J	0/0
4-methyl-2-Pentanone (2)	1/1	10/10	ND/2J	0/0
2-Butanone (1)	1/1	10/10	ND/4J	0/0
Ethylbenzene (1)	1/1	10/10	1J/ND	0/0
1,1,1-Trichloroethane (1)	1/1	10/10	ND/1J	0/0
Semivolatiles				
Unknown (TICs) (27)	unknown	unknown	7J/760J	unknown
bis(2-ethylhexyl)Phthalate (23)	unknown	10/330	6J/160J	0/0
Laboratory artifact (TICs) (20)	unknown	unknown	61J/960J	unknown
di-n-Butylphthalate (15)	unknown	10/330	4J/160J	0/0
Aldol condensation products (TICs) (11)	unknown	unknown	ND/560J	unknown
Butylbenzylphthalate (3)	unknown	10/330	2J/ND	0/0
Diethylphthalate (3)	unknown	10/330	1J/ND	0/0
Unknown hydrocarbon (2)	unknown	unknown	8J/ND	unknown
Methoxyethane (TIC) (1)	unknown	unknown	5J/ND	unknown
Pentachlorophenol (1)	unknown	10/790	2J/ND	0/0

Table E.2. (cont.)

Contaminant (number of occurrences)	Limit of detection water/soil (µg/L/µg/kg)	Reporting limit water/soil (µg/L/µg/kg)	Maximum concentration found in blank water/soil (µg/L/µg/kg)	Number of blanks with contamination > reporting limit water/soil
Unknown alkane (TIC) (1)	unknown	unknown	ND/66J	unknown
Unknown carboxylic acid (1)	unknown	unknown	7J/ND	unknown
Petroleum hydrocarbons				
Gasoline (7)	unknown	100/100	50/40	0
JP-4 (8)	unknown	600/100	30/40	0

[1] TIC - tentatively identified compound

[2] ND - not detected

Table E.3. Surrogate spike recoveries outside Contract Laboratory Program Limits

	Semi-volatiles				Petroleum Hydrocarbons
Sample number	1,2-Dichlorobenzene (20-130%)	Nitrobenzene-d5 (23-120%)	Terphenyl-d14 (18-137%)	2,4,6-Tribromophenol (19-122%)	1,4-Dichlorobutane (60-130%)
1060					49
1060DU[1]					52
1066					58
1066RE[2]					52
1068					58
1068RE					56
1074					1
1075					51
1077					310
1078					6
1081					340
1084					600
1086			147	124	
1091	132	401			
1092			148		
1093		125			
1094		122			55
1096		122			
1105					2200
1106					2300
1107					2500
1118			145		

[1] DU - sample was rerun at a secondary dilution
[2] RE - sample was rerun at the same dilution as the first analysis

Table E.4. Samples exceeding holding times

Sample	Analysis	Allowable holding time (days)		Actual holding time (days)	
		Collection to extraction or analysis	Extraction to analysis	Collection to extraction or analysis	Extraction to analysis
1044	PHCs[1]	14 (soils)	40	17	1
1066	PHCs	14	40	16	1
1068RE[2]	PHCs	14	40	16	1
1074RE	PHCs	14	40	16	1
1075RE	PHCs	14	40	16	1
1082	PHCs	14	40	16	0
1085RE	PHCs	14	40	16	1
1087	PHCs	14	40	16	0
1091	PHCs	14	40	17	8
1092	PHCs	14	40	16	0
1093	PHCs	14	40	15	0
1106	BNAs[3]	14	40	18	5

[1] PHCs - petroleum hydrocarbons
[2] RE - sample was reanalyzed at the same dilution
[3] BNAs - base/neutral and acid extractable semivolatile compounds

Table E.5. Duplicate Sample Agreement

Sample no. Duplicate no.	Analysis	Matrix	Sample conc.[1] Duplicate conc.	RPD[2]
	Volatiles			
1061	Acetone	Soil	20	16
1062			17	
	Methylene chloride		20	14
			23	
1064	Acetone	Soil	16	40
1065			24	
	Methylene chloride		23	36
			16	
1072	Acetone	Soil	22	51
1073			13	
	Methylene chloride		25	15
			29	
1077	Acetone	Soil	11	53
1078			19	
	Methylene chloride		17	12
			15	
1092	Acetone	Soil	63	45
1093			100	
	Benzene		3.0	40
			2.0	
	Chloroform		4.0	67
			2.0	
	Ethylbenzene		50	82
			120	
	Methylene chloride		60	29
			45	
	Xylenes (total)		280	40
			420	
1098	Methylene chloride	Soil	25	27
1099			19	

Table E.5. (cont.)

Sample no. Duplicate no.	Analysis	Matrix	Sample conc. Duplicate conc.	RPD
1105 1106	Ethylbenzene	Soil	630 24000	190
	Methylene chloride		650 990	41
	Xylenes (total)		2600 82000	188
1503 1504	Benzene	Water	18 17	5.7
	Ethylbenzene		17 12	34
	Methylene chloride		2.0 4.0	67
	Toluene		24 21	13
	Trichloroethene		20 14	35
	Xylenes (total)		210 200	4.9
1526 1527	Benzene	Water	1.0 1.0	0.0
	Methylene chloride		2.0 2.0	0.0
1530 1531	Methylene chloride	Water	2.0 1.0	67
1551 1552	Benzene	Water	24 23	4.3
	Ethylbenzene		27 24	12
	Toluene		37 33	11
	Xylenes (total)		450 450	0.0

Table E.5. (cont.)

Sample no. Duplicate no.	Analysis	Matrix	Sample conc. Duplicate conc.	RPD
1061	Semivolatiles	Soil	77	13
1062	bis(2-ethylhexyl) Phthalate		88	
	di-n-Butylphthalate		85	1.2
			84	
1064	bis(2-ethylhexyl) Phthalate	Soil	62	41
1065			94	
	di-n-Butylphthalate		69	23
			87	
1077	bis(2-ethylhexyl) Phthalate	Soil	360	22
1078			290	
1077 (dilution)	bis(2-ethylhexyl) Phthalate	Soil	560	64
1078 (dilution)			290	
1092	2-Methylnaphthalene	Soil	480	22
1093			600	
	Benzo (A) anthracene		85	15
			73	
	Benzo (A) pyrene		58	21
			47	
	Benzo (B) fluoranthene		110	0.0
			110	
	Benzo (K) fluoranthene		110	0.0
			110	
	bis(2-ethylhexyl) Phthalate		570	9.2
			520	
	Chrysene		70	4.2
			73	
	di-n-Butylphthalate		53	100
			160	
	Fluoranthene		130	14
			150	
	Naphthalene		320	44
			500	

Table E.5. (cont.)

Sample no. Duplicate no.	Analysis	Matrix	Sample conc. Duplicate conc.	RPD
1092 1093	Phenanthrene		160 230	36
	Phenol		45 86	63
	Pyrene		250 250	0.0
1098 1099	bis(2-ethylhexyl) Phthalate	Soil	150 120	22
	di-n-Butylphthalate		120 100	18
	Phenanthrene		120 47	87
1105 1106	2,4-Dimethylphenol	Soil	180 190	5.4
	2-Methylnaphthalene		1300 1200	8.0
	Naphthalene		1100 900	20
1503 1504	1,2-Dichlorobenzene	Water	1.0 2.0	67
	2,4-Dimethylphenol		2.0 1.0	67
	bis(2-ethylhexyl) Phthalate		4.0 158	174
	di-n-Butylphthalate		4.0 6.0	40
	Diethylphthalate		1.0 1.0	0.0
	Naphthalene		8.0 6.0	29
1526 1527	bis(2-ethylhexyl) Phthalate	Water	1.0 1.0	0.0

Table E.5. (cont.)

Sample no. Duplicate no.	Analysis	Matrix	Sample conc. Duplicate conc.	RPD
1530 1531	bis(2-ethylhexyl) Phthalate	Water	1.0 2.0	67
	di-n-Butylphthalate		1.0 1.0	0.0
1551 1552	1,2-Dichlorobenzene	Water	5.0 11	75
	1,3-Dichlorobenzene		2.0 3.0	40
	1,4-Dichlorobenzene		2.0 4.0	67
	bis(2-ethylhexyl) Phthalate		5.0 7.0	33
	di-n-Butylphthalate		1.0 2.0	67
	Naphthalene		9.0 17	62
1567 1568	bis(2-ethylhexyl) Phthalate	Water	2.0 6.0	100
	Petroleum hydrocarbons			
1077 1078	Gasoline	Soil	2600 110	184
	JP-4		2000 82	184
1092 1093	Gasoline	Soil	87 33	90
	JP-4		63 24	90
1105 1106	Gasoline	Soil	2500 2200	13
1105 1106	JP-4		1800 1600	12
1503 1504	Gasoline	Water	1.2 0.7	47
	JP-4		0.9 0.5	51

Table E.5. (cont.)

Sample no. Duplicate no.	Analysis	Matrix	Sample conc. Duplicate conc.	RPD
1551 1552	Gasoline	Water	2.4 2.6	8.0
	JP-4		1.8 1.9	5.4
	Metals			
1061 1062	Aluminum	Soil	23200 25300	8.7
	Arsenic		16 101	145
	Barium		175 193	9.8
	Calcium		8680 7940	8.9
	Chromium		26 23	13
	Cobalt		11 10	8.9
	Copper		38 25	41
	Iron		29200 22500	26
	Lead		7.4 5.1	37
	Magnesium		5190 5990	14
	Manganese		374 450	18
	Nickel	Soil	24 20	19
	Potassium		1650 1500	9.5
	Sodium		1740 1870	7.2
	Vanadium		66 59	11

Table E.5. (cont.)

Sample no. Duplicate no.	Analysis	Matrix	Sample conc. Duplicate conc.	RPD
1061 1062	Zinc		116 51	78
1064 1065	Aluminum		20500 20000	2.5
	Arsenic		5.9 20	108
	Barium		94 141	41
	Calcium		6060 6390	5.3
	Chromium		18 16	16
	Cobalt		13 14	5.2
	Copper		26 27	4.9
	Iron		26500 21600	20
	Lead		5.3 5.2	1.9
	Magnesium	Soil	10000 9920	0.8
	Manganese		564 734	26
	Nickel		33 30	11
	Potassium		4990 4290	15
	Sodium		1690 1160	37
	Vanadium		61 59	3.2
	Zinc		54 54	0.0

Table E.5. (cont.)

Sample no. Duplicate no.	Analysis	Matrix	Sample conc. Duplicate conc.	RPD
1072 1073	Arsenic	Soil	28 26	7.8
	Barium		226 121	61
	Calcium		9670 6960	33
	Chromium		17 18	0.6
	Cobalt		16 10	48
	Copper		40 22	58
	Iron		27400 23400	16
	Lead		5.4 5.1	5.7
	Magnesium		8180 7760	5.3
	Manganese		1880 359	136
	Nickel	Soil	35 26	28
	Potassium		3990 2950	30
	Sodium		2640 2100	23
	Vanadium		82 68	18
	Zinc		71 48	39
1077 1078	Aluminum	Soil	9150 11400	22
	Arsenic		24 125	135

Table E.5. (cont.)

Sample no. Duplicate no.	Analysis	Matrix	Sample conc. Duplicate conc.	RPD
1077 1078	Barium		108 122	12
	Calcium		5350 5730	6.7
	Chromium		15 19	23
	Cobalt		8.5 14	50
	Copper		21 32	39
	Iron		19100 30000	44
	Lead		4.1 4.2	2.4
	Magnesium		3220 3550	9.8
	Manganese		571 585	2.4
	Nickel		19 24	22
	Potassium	Soil	1770 1520	15
	Sodium		868 1120	25
	Vanadium		45 66	39
	Zinc		56 60	8.1
1092 1093	Aluminum	Soil	12800 13800	7.5
	Arsenic		9.0 7.2	22
	Barium		121 131	7.9

Table E.5. (cont.)

Sample no. Duplicate no.	Analysis	Matrix	Sample conc. Duplicate conc.	RPD
1092 1093	Beryllium		0.56 0.65	15
	Calcium		4350 4410	2.7
	Chromium		16 14	15
	Cobalt		6.7 6.7	0.0
	Copper		17 17	0.6
	Iron		14300 22900	46
	Lead		6.3 6.6	4.6
	Magnesium		2930 3130	6.6
	Manganese		149 208	33
	Nickel		15 17	15
	Potassium		3130 2420	26
	Sodium	Soil	1080 1110	2.7
	Vanadium			
	Zinc	Soil	46 42	8.2
1098 1099	Aluminum	Soil	20200 19600	3.0
	Arsenic		45 33	31
	Barium		174 167	4.1

Table E.5. (cont.)

Sample no. Duplicate no.	Analysis	Matrix	Sample conc. Duplicate conc.	RPD
1098 1099	Beryllium		0.82 0.59	33
	Calcium		5470 4450	21
	Chromium		14 15	6.1
	Cobalt		11 10	3.8
	Copper		22 21	2.3
	Iron		36400 21900	50
	Lead		9.5 9.0	5.4
	Magnesium		6520 5040	26
	Manganese		641 377	52
	Nickel		24 17	32
	Potassium		4430 3880	13
	Sodium		1190 1080	9.7
	Vanadium		57 57	0.7
	Zinc		49 46	6.7
1105 1106	Aluminum	Soil	20800 17300	18
	Barium		170 127	29
	Beryllium		0.62 0.79	24

Table E.5. (cont.)

Sample no. Duplicate no.	Analysis	Matrix	Sample conc. Duplicate conc.	RPD
1105 1106	Calcium		7180 5970	18
	Chromium		23 18	23
	Cobalt		9.5 9.3	2.1
	Copper		22 22	0.0
	Iron		22100 24600	11
	Lead		5.3 4.4	19
	Magnesium		4270 4020	6.0
	Manganese		195 170	14
	Nickel		19 20	7.6
	Potassium		1890 1660	13
	Sodium		1520 1230	21
	Vanadium		70 72	2.5
	Zinc		51 53	2.9
1503 1504	Aluminum	Water	449 498	10
	Arsenic		59 57	2.6
	Barium		397 363	9.0
	Calcium		83200 82100	1.3

Table E.5. (cont.)

Sample no. Duplicate no.	Analysis	Matrix	Sample conc. Duplicate conc.	RPD
1503 1504	Cobalt		15 14	9.6
	Copper		109 104	4.7
	Magnesium		22900 22600	1.3
	Manganese		4660 4080	13
	Nickel		12 13	9.8
	Potassium		17200 15700	9.1
	Sodium		371000 361000	2.7
	Zinc		23 6.9	106
1526 1527	Aluminum	Water	194 185	4.8
	Arsenic		62 54	13
	Barium		28 28	0.7
	Calcium		42600 42200	0.9
	Iron		125 50	86
	Magnesium		10400 10500	1.0
	Manganese		218 220	0.9
	Potassium		8040 9450	16
	Sodium		98300 102000	3.7

Table E.5. (cont.)

Sample no. Duplicate no.	Analysis	Matrix	Sample conc. Duplicate conc.	RPD
1526 1527	Zinc		7.2 3.8	62
1530 1531	Aluminum	Water	178 202	13
	Arsenic		39 32	20
	Barium		44 44	0.9
	Calcium		44100 43700	0.9
	Magnesium		12800 12800	0.0
	Manganese		27 26	2.2
	Potassium		9030 10300	13
	Sodium		221000 223000	0.9
	Vanadium		11 10	2.9
	Zinc		4.8 5.6	15
1551 1552	Aluminum	Water	127 98	26
	Arsenic		116 116	0.0
	Barium		237 218	8.4
	Calcium		72500 64600	12
	Copper		12 15	21
	Iron		52 26	67

Table E.5. (cont.)

Sample no. Duplicate no.	Analysis	Matrix	Sample conc. Duplicate conc.	RPD
1551 1552	Magnesium		18300 16300	12
	Manganese		845 814	3.7
	Potassium		15700 14700	6.6
	Sodium		285000 254000	12
	Vanadium		11 11	6.4
1567 1568	Aluminum	Water	86 82	4.7
	Arsenic		30 27	12
	Barium		52 50	3.9
	Calcium		49000 48900	0.2
	Iron		26 17	40
	Magnesium		14100 14000	0.7
	Manganese		17 15	11
	Potassium		9330 8460	9.8
	Sodium		233000 227000	2.6
	Vanadium		7.3 9.2	23
1569 1570	Aluminum		85 76	12
	Arsenic		34 33	2.7

Table E.5. (cont.)

Sample no. Duplicate no.	Analysis	Matrix	Sample conc. Duplicate conc.	RPD
1569 1570	Barium		25 24	4.8
	Calcium		50200 48400	3.6
	Iron		26 34	29
	Magnesium		11000 10500	4.6
	Manganese		228 229	0.4
	Potassium		8480 7520	12
	Sodium		109000 104000	4.7
	Zinc		8.3 11	29

[1] Concentration units are µg/kg (soil) and µg/L (water) for volatile and semivolatile compounds, mg/kg and mg/L for petroleum hydrocarbons, and mg/kg and µg/L for metals.

[2] RPD = relative percent difference calculated as:

$$RPD = \frac{S-D}{\left(\frac{S+D}{2}\right)} \times 100$$

where S = sample concentration and D = duplicate concentration

Table E.6. Matrix spike/matrix spike duplicate recoveries for organic analyses outside the CLP limits

Sample number	Spike	Conc. spike added	Sample conc.	MS[1] conc.	MS % rec.	MSD[2] conc.	MSD % rec.	RPD[3]	QC limits	
									RPD	% rec.
1106	Toluene	7810	3920	12600	111	9285	69	30*	21	59 to 130
1002	2,4-Dinitrotoluene	2030	ND[4]	1700	84	1830	90*	-45	47	28 to 89
1043	4-chloro-3-Methylphenol	2800	ND	2894	103	3211	115*	-10	33	26 to 103
	2,4-Dinitrotoluene	1870	ND	1603	86	1761	94*	-9	47	28 to 89
1043	Pentachlorophenol	2800	ND	2830	101	3159	113*	-11	47	17 to 109
1081	1,4-Dichlorobenzene	1830	ND	1410	77	1988	109*	-34*	27	28 to 104
	Nitroso-di-n-propylamine	1830	ND	2484	136*	2983	163*	-18	38	41 to 126
1090	4-chloro-3-Methylphenol	3050	ND	3587	118*	3632	163*	-1	33	26 to 103
	Phenol	3050	ND	2928	96*	2927	96*	0	35	26 to 90
1520	4-Nitrophenol	75	ND	63	84*	61	81*	4	50	10 to 80
1566	1,4-Dichlorobenzene	100	ND	35	35*	44	44	-22	28	36 to 97
	4-Nitrophenol	150	ND	104	69	123	82*	-17	50	10 to 80
	Acenaphthalene	100	ND	44	44*	60	60	-31	31	46 to 118
	N-Nitroso-di-n-propylamine	100	ND	38	38*	46	46	-18	38	41 to 116
	Pyrene	100	ND	47	47	70	70	-40*	31	26 to 127
1571	2,4-Dinitrotoluene	50	ND	50	100*	51	101*	-1	38	24 to 96
	4-Nitrophenol	75	ND	75	99*	79	105*	-6	50	10 to 80
	Pentachlorophenol	75	ND	83	111*	85	113*	-1	50	9 to 103
1590	4-Chloro-3-methylphenol	75	ND	82	109*	77	102	6	42	23 to 97

Table E.6. (cont.)

Sample number	Spike	Conc. spike added	Sample conc.	MS[1] conc.	MS % rec.	MSD[2] conc.	MSD % rec.	RPD[3]	QC limits	
									RPD	% rec.
	4-Nitrophenol	75	ND	72	97*	75	100*	-4	50	10 to 80
	Pentachlorophenol	75	1.5	82	109*	85	112*	-3	50	9 to 103

[1]MS = matrix spike.
[2]MSD = matrix spike duplicate.
[3]RPD = relative percent difference calculated as: $RPD = \frac{MS - MSD}{1/2\ (MS + MSD)} \times 100.$
[4]ND = not detected

* Values outside of QC limits.

Table E.7. Spike sample recoveries outside of control limit for metals

Sample number	Analyte	Spiked sample result[1]	Sample result	Spike added	% Recovery (% R)[2]	Control limit %R
1000	Antimony	37	14U[3]	123	30	75-125
	Cadmium	8.5	1.2U	12	69	75-125
	Lead	10	9.5	4.9	22	75-125
	Mercury	1.5	0.12U	0.61	242	75-125
	Selenium	1.1	0.98U	2.4	47	75-125
	Silver	6.4	2.5U	12	52	75-125
	Thallium	8.4	0.49U	12	52	75-125
	Zinc	173	84	123	72	75-125
1005	Lead	16	4.8	20	57	75-125
	Thallium	17	10U	50	34	75-125
1015	Antimony	40	16U	143	28	75-125
	Manganese	1034	324	143	495	75-125
	Mercury	1.3	0.14U	0.72	186	75-125
	Selenium	1.2	5.7U	2.9	40	75-125
	Silver	7.1	2.9U	14	49	75-125
	Thallium	11	0.57U	14	74	75-125
1036	Antimony	33	13	112	29	75-125

Table E.7. (cont.)

Sample number	Analyte	Spiked sample result[1]	Sample result	Spike added	% Recovery (% R)[2]	Control limit %R
	Arsenic	31	25	9.0	74	75-125
	Lead	20	14	4.5	134	75-125
	Selenium	8.9U	8.9U	2.24	0.0	75-125
	Silver	7.5	2.2U	11	68	75-125
	Thallium	6.7	0.45U	11	60	75-125
1061	Antimony	28	16U	137	20	75-125
	Lead	9.7	7.4	5.5	41	75-125
	Manganese	454	374	137	58	75-125
	Mercury	0.89	0.14U	0.69	128	75-125
	Selenium	2.2U	11U	2.8	0.0	75-125
	Silver	6.8	2.7U	14	50	75-125
	Thallium	8.7	0.55U	14	64	75-125
	Zinc	191	116	137	55	75-125
1102	Antimony	67	14U	120	56	75-125
	Manganese	536	375	120	134	75-125
	Mercury	1.2	0.12U	0.60	195	75-125
1105	Antimony	40	14U	125	32	75-125

Table E.7. (cont.)

Sample number	Analyte	Spiked sample result[1]	Sample result	Spike added	% Recovery (% R)[2]	Control limit %R
	Arsenic	10[illegible]	30	10	759	75-125
	Mercury	1.2	0.13U	0.63	188	75-125
	Selenium	1.8	1.0U	2.5	71	75-125
	Silver	9.1	2.5U	13	73	75-125
1112	Antimony	47	14U	122	39	75-125
	Cadmium	9.0	1.2U	12	74	75-125
	Manganese	514	346	122	138	75-125
	Mercury	0.81	0.12U	0.61	133	75-125
	Selenium	1.3	0.98U	2.4	51	75-125
	Silver	8.9	2.4U	12	73	75-125
1520	Lead	12	2.0U	20	59	75-125
	Selenium	4.0U	20U	50	60	75-125
	Thallium	30	2.0U	50	60	75-125
1529	Arsenic	66	38	40	70	75-125
	Lead	9.7	2.0U	20	48	75-125
	Selenium	4.7	4.0U	10	47	75-125
1566	Arsenic	32	5.6	40	66	75-125

Table E.7. (cont.)

Sample number	Analyte	Spiked sample result[1]	Sample result	Spike added	% Recovery (% R)[2]	Control limit %R
	Silver	20	5.0U	50	40	75-125
1571	Selenium	5.8	3.0U	10	58	75-125
	Thallium	31	3.0U	50	61	75-125

[1] Reporting units are μg/L for water and mg/kg for soil and sediment.

[2] %R = percent recovery, calculated as :

$$\%R = \frac{spiked\ sample\ result - sample\ result}{spike\ added} \times 100$$

[3] U = Analyte was undetected; number given is the detection limit for that analyte when spike recovery is within limits.

Table E.8. Percentage of spike recoveries outside of CLP limits

Analysis	No. of samples spiked	No. of spikes per sample	Total number of spikes	No. of MSs outside of limits	% of MSs outside of limits	No. of MSDs outside of limits	% of MSDs outside of limits
			MS/MSD[1] recoveries				
Semivolatiles	13	11	143	14	9.8	23	16
Volatiles	16	5	80	0	0	0	0
Metals	12	~17	213	55	26	-	-

Analysis	No. of samples spiked	No. of spikes per sample	Total number of spikes	No. of surrogate spikes outside of limits	% of surrogate spikes outside of limits
			Surrogate recoveries		
Semivolatiles	185	8	1480	18	1.2
Volatiles	207	3	621	0	0
PHCs[2]	198	1	198	17	8.6

[1] MS/MSD = matrix spike/matrix spike duplicate

[2] PHCs = petroleum hydrocarbons as JP-4 and gasoline

Table E.9. Work sheet for evaluating completeness

Number of data points

Analysis	Number of samples	Number of data points/sample	Total data points
Volatiles	207	33	6831
Semivolatiles	185	64	11840
Petroleum hydrocarbons	198	2	396
Metals	165	23	3795

Total = 22862

Invalid data points

Source of invalidation	Number of data points affected
Method blank contamination[1]	828
Holding time exceeded	12
Semivolatile MSs	14
Volatile MSs	0
Semivolatile MSDs	23
Volatile MSDs	0
Metals MSs	55
Semivolatile surrogates	18
Volatile surrogates	0
Petroleum hydrocarbon surrogates	17
Relative percent differences (all analytes)	10
	Total = 977

Percent of valid data points

$$DP_v = \frac{DP_t - DP_i}{DP_t} \times 100 = \frac{22862 - 977}{22862} \times 100 \approx 96\%$$

[1] Method blank contamination refers to the sum of the analytes in all the samples affected by the presence of target compounds or analytes in the method blanks.

Table E.10. Analytical methods

Analysis	Method[1]
Volatile organics	CLP 624
Semivolatile organics	CLP 625
Petroleum hydrocarbons as JP-4 and gasoline	LUFT modified California 8015[2]
Metals	
Aluminum	ICP[3] 200.7
Antimony	ICP 200.7
Arsenic	ICP 200.7, graphite furnace AA[4] 206.2
Barium	ICP 200.7
Berylium	ICP 200.7
Cadmium	ICP 200.7
Calcium	ICP 200.7
Chromium	ICP 200.7
Cobalt	ICP 200.7
Copper	ICP 200.7
Iron	ICP 200.7
Lead	Graphite furnace AA 239.2
Magnesium	ICP 200.7
Manganese	ICP 200.7
Mercury	Cold vapor AA 245.1, 245.5
Nickel	ICP 200.7
Potassium	ICP 200.7
Selenium	Graphite furnace AA 270.2
Silver	ICP 200.7
Sodium	ICP 200.7
Thallium	Graphite furnace AA 279.2
Vanadium	ICP 200.7
Zinc	ICP 200.7

[1] Analytical methods for volatiles, semivolatiles, and metals are described in *USEPA Contract Laboratory Statement of Work for Organics Analysis*, OLMO1.0, 1990 and *USEPA Contract Laboratory Statement of Work for Inorganics Analysis*, ILMO2.0, 1990.

[2] Analytical method fro petroleum hydrocarbons is described in LUFT 1987. *Leaking Underground Fuel Tank Manual*, California State Water Resources Control Board, Division of Water Quality, Sacramento, Calif.

[3] ICP - Inductively coupled plasma emission spectrometer.

[4] AA - atomic absorption spectrometer.