PRS 282

SAMPLING & ANALYSIS PLAN

Mound Plant
Miamisburg, OH

Final

April 2002

Department of Energy

BWXT of Ohio, Inc.

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Acronyms

bgs	below ground surface
COC	contaminant of concern
CRDL	contract-required detection limit
DOE	Department of Energy
DQO	Data Quality Objective
FID	flame-ionization detector
FIDLER	field instrument fro the detection of low-energy radiation
LSA	low specific activity
MDA	minimum detectable activity
MEIMS	Mound Environmental Information Management System
OEPA	Ohio Environmental Protection Agency
PCB	polychlorinated biphenyl
PID	photo-ionization detector
PRS	Potential Release Site
QC	quality control
RBGV	Risk-Based Guideline Value
RCT	Radiological Control Technician
RPOC	Radiological Point of Contact
RSDS	Radiological Survey Data Sheet
SAP	Sampling and Analysis Plan
SOP	standard operating procedure
URMA	underground radiological materials area
USEPA	United States Environmental Protection Agency
VOC	volatile organic compound

1.0 PURPOSE

This Sampling and Analysis Plan (SAP) has been prepared for the collection and analysis of soil samples from Potential Release Site (PRS) 282, the Construction Spoils Area. The purpose is to collect sufficient samples and subsequent data to confirm or deny the absence of contamination. The Data Quality Objective (DQO) is to produce sufficient information for the Core Team to determine if remediation is required or residual contamination is below acceptable levels. The objective will be met by:

- adhering to specified methods and procedures,
- collecting soil samples at specific locations and depths,
- analyzing soil for contaminants of concern (COCs), and
- reporting the concentrations of suspected contaminants.

This SAP is intended to summarize specific methods and procedures used to fulfill the DQO for PRS 282.

2.0 SAMPLING

2.1 TYPE

Samples collected for this investigation will be soil obtained from soil borings. Quality control (QC) samples such as field blanks, field duplicates, and equipment rinses will be soil or water as appropriate and only apply to offsite analysis.

2.2 LOCATION, FREQUENCY, AND COORDINATES

PRS 282, also known as the Construction Spoils Area, is located at the western boundary of the Mound Plant property, as shown on Figure 1. PRS 282 is approximately 10 acres is size. The size, shape and boundary of PRS 282 were established based on the historic use of this area as a repository for soils removed during onsite construction projects.

As shown on Figure 2, a 50-foot triangular grid will be used based on Gilbert's statistical method (Reference 1). This is based on an elliptical shape (approximately 44 feet wide and 88 feet long) to approximate the area affected if two loads of fill from a dump truck are spread out to a depth of 2 inches.

Using a 90% confidence level that a hot spot will be found, the grid size is determined as follows:

L = length of long axis/2 = 44 feet
S = length of short axis/length of long axis = 44/88 = 0.50
β = probability of not finding a hot spot = 10%

from Gilbert's Figure 10.5, L/G = 0.77, grid spacing = 57 feet.

Prior to its purchase by the Mound Facility in 1981, the land occupied by the Construction Spoils Area had been used as farmland. Therefore, the investigation will stop at the fill/till interface. Depths to the fill/till interface range from 5 to 40 feet below ground surface (bgs). Depths to the fill/till interface were estimated for each boring location by superimposing the proposed 50-foot triangular grid over a Construction Spoils Area drawing with the existing site elevations. Samples will be collected at each boring location at five-foot intervals. Based on this spacing, approximately 500 soil samples will be collected.

Boring locations have been relocated to be more than 25 feet from wells and adjusted due to proximity to building and structures. If any other sampling locations are moved prior to or during the field effort (due to utilities, obstructions, etc.), the actual location will be resurveyed. Borings known or suspected to be located within 5 feet of underground utilities will be relocated. Under these circumstances, if a boring location cannot be isolated from the utility without (1) maintaining at least ½ the grid distance to the next boring location or (2) relocating outside the limits of the PRS, then the boring may be eliminated. Final coordinates of the sample points will be presented in the Data Report.

If borings are eliminated or additional grids established, they would be graphically represented in the Data Report, as well as the coordinates of associated sample points. Eliminated borings and/or the number and location of additional grids, if any, will be

made in coordination with the Ohio Environmental Protection Agency (OEPA) and the United States Environmental Protection Agency (USEPA). Variations to the proposed SAP will be described in the Data Report.

2.3 ANALYTE JUSTIFICATION

COCs have been identified based on historical information and prior analytical data. The logic for the selection of COCs is summarized in Table 1 with supporting documentation included in Appendix C. COCs considered but not retained are discussed in Appendix C.

Maximum results documented from prior investigations are presented where available. The contract-required detection limits (CRDLs) for offsite analyses are presented in Table 2 and meet the current screening levels or Risk-Based Guideline Values (RBGVs), as appropriate. If non-COC contaminants are identified as a result of performing suite analyses, they will be presented in the Data Report and brought to the attention of the Core Team.

Hot spots are not anticipated, but if identified will be handled per the Action Memorandum for Contingent Removal Action for Contaminated Soil (Reference 2).

2.4 DESIGNATION

Soil and QC samples will be identified and labeled according to procedures in Method S-028: Sample Control and Documentation, of the Methods Compendium (Reference 3). Sample identification labels will be used for each sample container. Sample containers will be sealed immediately after sample collection. Labels will be completed, when possible, prior to fieldwork to minimize the handling of the sample containers.

Each label will include the following information:

- -Sample identification
- -Time and date of collection
- -Parameters to be analyzed
- -Sampler's initials

Collected samples will be uniquely identified according to the system

PRS282-W-BXXX-YY-ZZZZZZ, where:

PRS282 = Mound Environmental Information Management System (MEIMS) Project Code (PRS 282 characterization samples)

W = QC sample where: 0 = no QC sample
1 = field duplicate
2 = equipment rinsate
3 = trip blank

BXXX = boring location
YY = maximum depth in feet of the sampling interval
ZZZZZZ = a sequential, six digit sample identifier (i.e., 000001, 000002, etc.) to be used on the laboratory chain of custody for incorporation of the data into MEIMS.

Matrix spike, matrix spike duplicate, and any split samples will be identified on a field tracking sheet or field log, but no unique QC code will be used for these samples.

2.5 PROCEDURES

Prior to the start of the field activities, sample locations will be surveyed to determine the coordinates and staked. Horizontal locations will be reported in the Ohio State Plane Coordinate System.

Soil boring samples for PRS 282 will be collected using a sonic drill rig, or other appropriate mechanical means, in accordance with manufacturer's procedures. The following descriptions will be noted in the field logbook or standard field form: linear measurement of recovery for each sampling interval, depth to the fill/till interface for each boring location, and any debris (i.e. concrete, metal, wood, or glass) encountered within each core.

Field activities will follow standard operating procedures (SOPs) presented in the Methods Compendium (Reference 3). ~~Each soil sample will be field screened for radiological activities using a field instrument for the detection of low-energy radiation (FIDLER) and alpha scintillometer probe (or equivalents) by a Radiological Control Technician (RCT). These radiological activities will be appropriately documented in accordance with MD-80036.~~ DJH 5/22/02

Sample collection for the analysis of volatile organic compounds (VOCs) will be determined by the field team based on the use of headspace screening in accordance with Compendium Method S-008 (Reference 3). If the field instruments used for

headspace analysis detects 75 units or higher, then the collected fraction for VOC will be sent offsite for analysis provided the instrument readings are not indicative of methane gas (very low photo-ionization detector (PID) reading relative to very high flame-ionization detector (FID) reading). If both the PID and the FID are reading less than 75 units, or methane gas is indicated by the instrument readings, then the volatile sample fraction will be properly disposed of~~, in a low specific activity (LSA) box.~~ Visible staining and/or odor indicative of hydrocarbon contamination will prompt analysis for VOCs regardless of headspace results. This selection process will be applied to all borehole locations. MAD 5-14-02

Applicable SOPs are summarized in Table 3, along with any planned additions or deviations.

If field activities generate a disturbance that warrants erosion control, this condition will be managed in accordance with the site Storm Water Pollution Prevention Plan (Reference 4).

2.6 QC SAMPLES

QC samples will be collected based on the number of samples being sent to the offsite laboratory. The frequency of collection will be as follows:

- field duplicates: 1 for every 10 soil samples.
- equipment rinses: 1 for every 20 soil sample.
- matrix spike: 1 for every 20 soil samples.
- matrix spike duplicates: 1 for every 20 soil samples.

2.7 CONTAINERS, HOLDING TIMES, AND PRESERVATIVES

Table 4 presents the container requirements, preservatives, and holding times for the required offsite analyses.

2.8 SPLIT SAMPLES

It is anticipated that OEPA will require split sampling and coordination will be made to facilitate a smooth collection of samples. Final coordinates for split samples will be provided electronically to OEPA.

The state may collect split samples (at locations already being sampled per the SAP) and identify the analytical parameters whether or not they are COCs. The number, location, analyses, and priorities related to these split samples will be discussed at a pre-job meeting to include contractor, state, and project representation.

The state may also request up to five additional surface soil samples anywhere within the PRS at any time prior to or during the sample event. These samples are to be analyzed for COCs unless field conditions such as soil staining, suggest otherwise. Identification and communication of these biased locations will be made to Department of Energy (DOE) contractor as soon as possible to minimize disruption of the fieldwork.

All state-requested samples will be collected and containerized by the contractor sample technician.

3.0 ANALYSES

3.1 ONSITE GAMMA SPECTROMETRY

All (100%) soil samples collected will be submitted to the onsite gamma spectrometry laboratory for long-count analysis in accordance with Mound Technical Manual MD-80030.

3.2 OFFSITE ALPHA SPECTROMETRY

Ten percent (10%) of the soil samples collected will be submitted to an offsite alpha spectrometry laboratory for isotopic plutonium and thorium analysis in accordance with Compendium Method A-012 (Reference 3). The samples selected will be biased toward the most significant plutonium and thorium gamma results. In the absence of significant plutonium and thorium results, the Radiological Point of Contact (RPOC) will randomly

select the samples. If random selection is used, a subjective evaluation will be made to verify the selected samples are dispersed over the entire PRS.

3.3 OFFSITE CHEMICAL

Samples that exceed the field screening criteria for VOCs, as outlined in Section 2.5, will be submitted for offsite analysis of VOCs using EPA Method 8260 in accordance with Compendium Method A-027 (Reference 3).

4.0 EVALUATION AND REPORTING

General review of all offsite data will be performed. Ten percent (10%) of the data packages from offsite analytical results will have data validation performed. Documentation of characterization activities and evaluation of associated data is performed to demonstrate that the DQOs have been met. A Data Report will be prepared for evaluation by the Core Team and will include:

- variances, if any, from the SAP,
- presentation of data,
- presentation of final coordinates in tabular and graphic format, and
- a summary of data review and validation.

5.0 REFERENCES

Reference 1 Gilbert, Richard O., 1987, *Statistical Methods for Environmental Pollution Monitoring*, Chapter 10, Section 10.1 Determining Grid Spacing, Van Nostrand Reinhold, New York

Reference 2 Action Memorandum for Contingent Removal Action for Contaminated Soil, Public Review Draft, September 2001

Reference 3 Technical Manual MD-80045, Issue 2, Methods Compendium, 22 January 2002

Reference 4 Miamisburg Environmental Management Project Storm Water Pollution Prevention Plan, OPA980099, Issue 1, December 1, 1998

APPENDIX C REFERENCES

Reference 5 Mound Environmental Restoration Program, Potential Release Site Package PRS #282, Prepared by George Liebson - EGG Technical Staff

Reference 6 Operable Unit 9, Site Scoping Report: Volume 3 – Radiological Site Scoping Report Volume 3-Radiological Site Survey

Reference 7 Operable Unit 9, Site Scoping Report: Volume 12 – Site Summary Report, December 1994

Reference 8 Mound Environmental Information Management System (MEIMS) query. 2002. Mound Plant Miamisburg, Ohio.

Reference 9 Position Paper on Dioxin in the Soils at the Mound Facility, March 1993

Reference 10 Operable Unit 5, New Property Remedial Investigation Report, February 1996

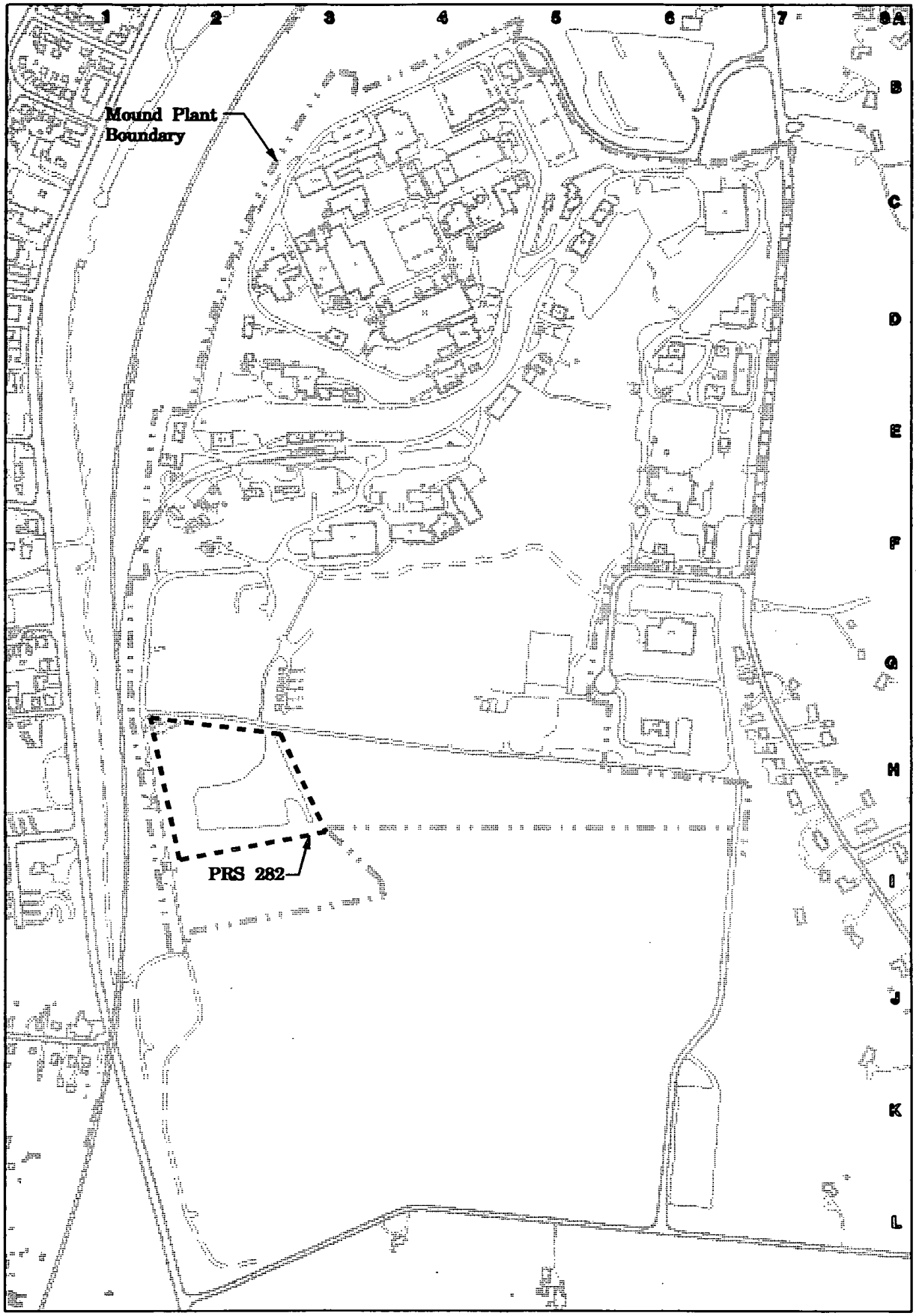
Reference 11 Finkenbine, C. 2002. Radiation Protection Point of Contact, Mound Plant Miamisburg, Ohio. Personal Communication

Reference 12 DOE, Radiological Survey Data Sheets, Survey #01-WM-0495. April 2001. Mound Plant Miamisburg, Ohio

FIGURES

APPENDIX A

FIGURES



Legend

Structures
Paved roadway
Unpaved roadway
Railroad
Water course
Fence
Mound Plant boundary
Contour line

0 100 200 400 600 800 1000
Scale In Feet

	02/15/02	ISSUE FOR GENERAL USE	SSP			
ISS	DATE	REVISION	BY	CHKR	DWN	M

MOUND
Environmental Restoration Geographic Information System

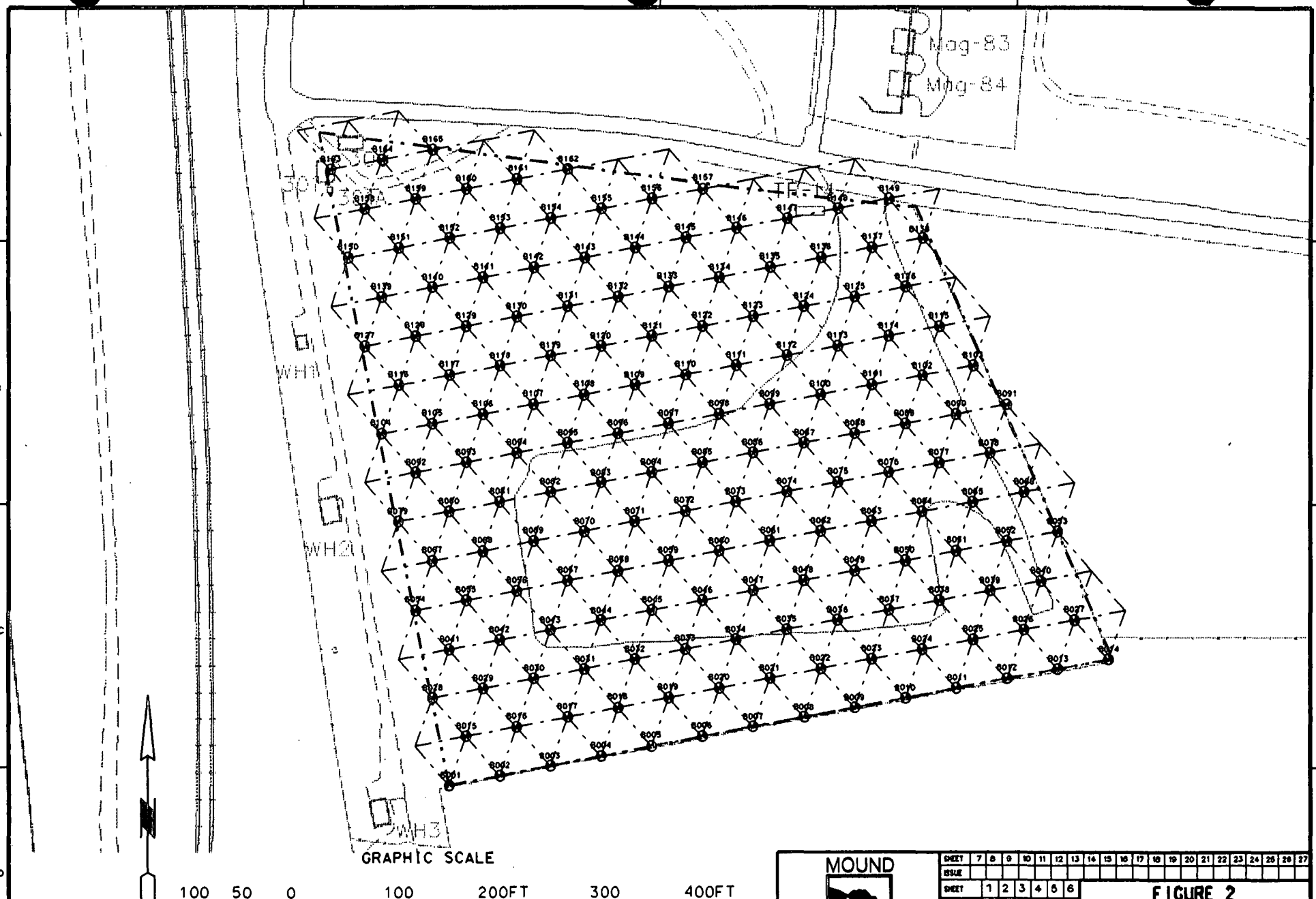
SHEET 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27
ISSUE
SHEET 1 2 3 4 5 6
ISSUE A
PART CLASSIFICATION

( ) TITLE CLASSIFICATION

Figure 1
Location of PRS 282

DRAWING CLASSIFICATION: UNCLASSIFIED
SIZE: D
DRAWING NUMBER: gen_site_plan.dgn
JOB NUMBER:
DWG TYPE: SITE
PROJ:
DATE:
SCALE: Graphic
SHEET 1 OF
STATUS: MD-REL-09/14/99
DESIGN: MSTATION / J

gen_site_plan.dgn



ISS	DATE	REVISION	BY	CHKR	CKD	UPDEC	APVD	*
0	09/23/97	PRELIMINARY ISSUE	KRW*				*	

MOUND
Environmental Restoration Geographic Information System

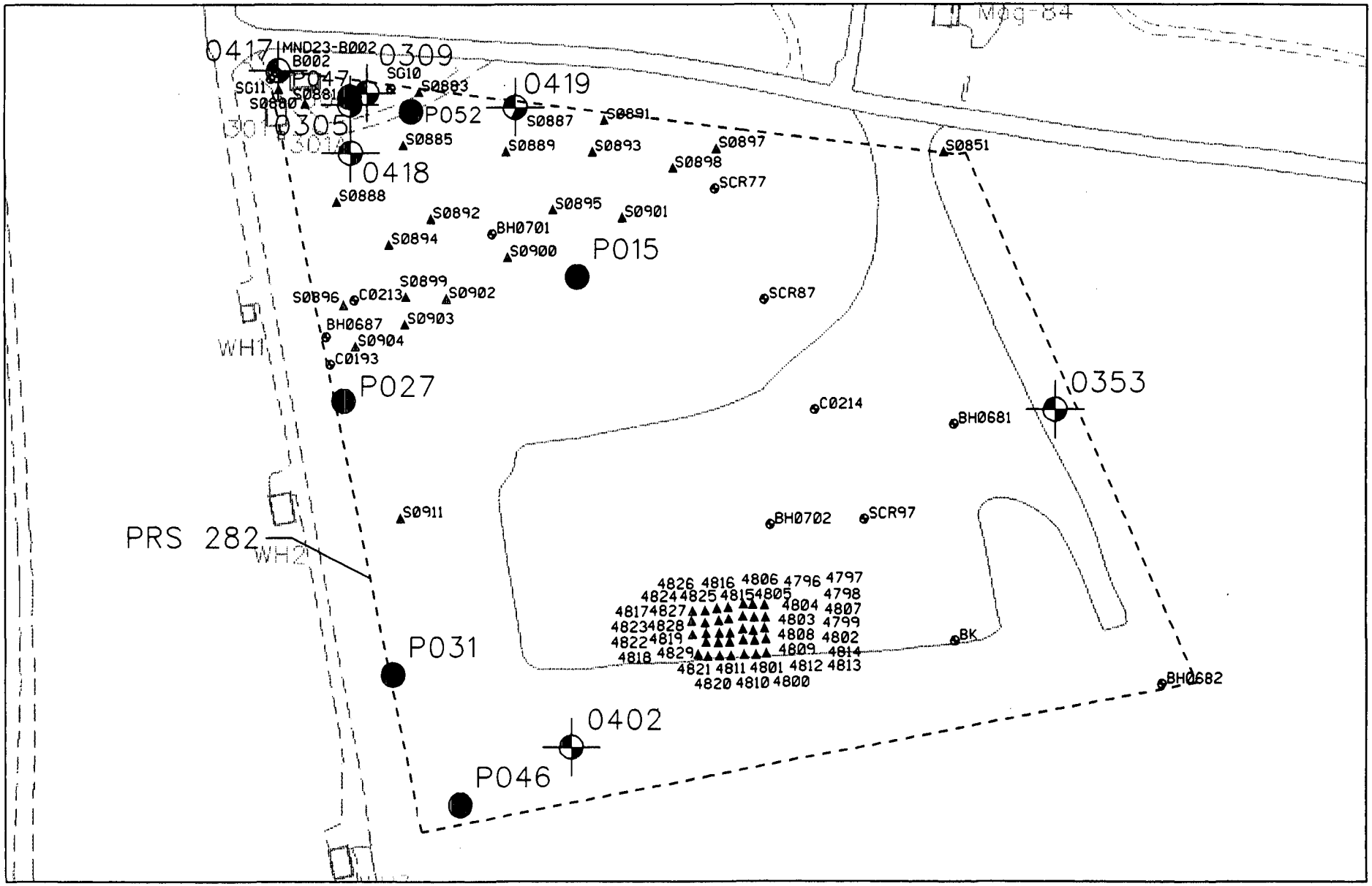
SHEET	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
ISSUE																					

SHEET	1	2	3	4	5	6
ISSUE	0					

PART CLASSIFICATION

FIGURE 2
50' SAMPLE GRID FOR PRS - 282

DRAWING CLASSIFICATION: UNCLASSIFIED
SIZE
DRAWING NUMBER: prs282_grid.dgn
JOB NUMBER: *
DWG TYPE: STE | PRMD: ER-GIS | CADEC | SCALE: GRAPHIC | SHEET 1 OF 1
STATUS: MD-REL-09/23/97 | ORIGIN: MSTATION / J



MOUND

Environmental Restoration Geographic Information System

SHEET	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
ISSUE																					

SHEET	1	2	3	4	5	6
ISSUE						

PART CLASSIFICATION

Figure 3 - PRS 282 Previous Sample Locations and Wells

DRAWING CLASSIFICATION: UNCLASSIFIED

SIZE | DRAWING NUMBER: samples_wells.dgn | JOB NUMBER

DWG TYPE: STE | PROJ: ER-GIS | CAGEC | SCALE | SHEET 1 OF

STATUS: MD-REL-**/**/** | ORIGIN: MSTATION / J

ISS	DATE	REVISION	BY	CHKR	ENG	LPREC	APVD	M
	03/06/02		SSP					

TABLES

APPENDIX B

TABLES

Table 1: Analyte Justification

COC	Max. Result	SL pCi/g	Justification	Ref.
Plutonium-238	8.3 pCi/g	55	Identified as a potential COC in PRS Package and other reference documents.	5, 6, 7
Thorium-232+D	5.0 U pCi/g	1.47	Identified as a potential COC in PRS Package and other reference documents. The maximum result represents a screening standard of 5 pCi/g or less used previously for acceptance of soils deposited as fill at the Construction Spoils Area.	5, 6, 7
Benzene	2.0 ug/kg	N/A	This COC is justified based on statement in the reference document, "the disposal of gasoline contaminated soils from G Building." Volatile organic component of gasoline.	5, 7
Toluene	2.0 ug/kg	N/A	This COC is justified based on statement in the reference document, "the disposal of gasoline contaminated soils from G Building." Volatile organic component of gasoline.	5, 7
Ethylbenzene	U	N/A	This COC is justified based on statement in the reference document, "the disposal of gasoline contaminated soils from G Building." Volatile organic component of gasoline.	5, 7
Xylene	1.0 ug/kg	N/A	This COC is justified based on statement in the reference document, "the disposal of gasoline contaminated soils from G Building." Volatile organic component of gasoline.	5, 7

Ref.: document reference number as presented in Section 5 of the SAP.

SL: screening level

COC: contaminant of concern

N/A: not applicable

U: compound was analyzed for but not detected

Table 2: Contaminants of Concern

COC	Bkgd.	Guideline Value (10^{-6})	Screening Level pCi/g	Onsite Gamma Spec (5)	Offsite Alpha Spec	Offsite Volatile Analysis	CRDL
Pu-238	0.13 pCi/g	6.1 pCi/g (1)	55 (2)	100% of samples go to onsite gamma spec	10% of samples go to offsite alpha spec by Method A-012	Sample collection based on headspace screening results. 100% of samples go for offsite VOC analysis by Method A-027, if staining and/or odor are encountered.	0.01 pCi/g
Th-232+D	1.4 pCi/g	0.07 pCi/g (1)	1.47 (3)				0.10 pCi/g
Benzene	N/A	8.9 mg/kg (1)	N/A				5.0 ug/kg
Toluene	N/A	2.5 mg/kg (4)	N/A				5.0 ug/kg
Ethylbenzene	N/A	N/A	N/A				5.0 ug/kg
Xylene	N/A	4.3 mg/kg (4)	N/A				5.0 ug/kg

COC: contaminant of concern
Bkgd.: background
CRDL: contract-required detection limit.
N/A: not available
pCi/g: picoCuries per gram
ug/kg: micrograms per kilograms
mg/kg: milligrams per kilograms

(1) These guideline values are based on the more restrictive of the Construction Worker and Site Employee Values. These values were calculated using the methodology contained in Risk-Based Guideline Values (RBGV), Mound Plant, Miamisburg, Ohio, March 1997, Final (Revision 4) but were performed using April 2001 HEAST slope factors.
(2) Based on April 2001 HEAST slope factors, the 10^{-6} RBGV for Pu-238 is 6.1 pCi/g; however, 55 pCi/g was retained because of its familiarity to the public.
(3) Sum of 10^{-6} GV and background.
(4) Value is the Guide value based on the hazard index.
(5) Minimum detectable activities for COCs will be at or below the current screening levels presented in the Mound Guideline and Screening Values Table, updated 25 September 2001.

Table 3: Summary of Applicable SOPs

SOP No. and Title	Procedure Description	Deviations
A-012: Isotopic Uranium, Plutonium, and Thorium by Alpha Spectrometry	• Follow procedures outlined in the SOP.	• None
A-027: Volatile Organic Analysis/EPA Method 8260	• Follow procedures outlined in the SOP.	• None
S-001: General Instructions for Field Personnel	• Follow procedures outlined in the SOP.	• None.
S-002: Soil Sampling with a Spade and Scoop	• Follow procedures outlined in the SOP.	• None.
S-003: Soil and Rock Borehole Logging and Sampling	• Follow procedures outlined in the SOP.	• None
S-004: Guide to Management of Collected Investigative-Derived Material	• Follow procedures outlined in the SOP.	• None.
S-008: Headspace Analysis	• Place the second half of the sample into another laboratory-cleaned glass jar.	• Plastic zipper bags will be used in place of laboratory-cleaned jar.
S-020: General Equipment Decontamination	• All sampling equipment will be decontaminated between sampling locations.	• Methanol and hexane rinses for the decontamination of sampling equipment will not be used.
S-028: Sample Control and Documentation	• Follow procedures outlined in the SOP.	• None.

Table 3: Summary of Applicable SOPs

S-029: Guide to Handling, Packaging, and Shipping of Samples	• Follow procedures outlined in the SOP.	• None.
MD-80030: Environmental Analytical Procedures	• Follow applicable procedures outlined in the manual for gamma spectrometry.	• None
MD-80036, operation 30004: Performance Testing and Operation of NE Electra	• Mound RCT will use instruments per SOP and record field measurements on radiological survey data sheet (RSDS) form.	• None.
MD-80036, operation 30005: Operation of the Bicron FIDLER	• Mound RCT will use instruments per SOP and record field measurements on RSDS form.	• None.

Table 4: Containers, Holding Times, and Preservatives

Analysis	Method	Matrix	Bottle Type	Bottle Size	Number of Bottles	Preservative	Holding Time
Onsite Gamma Spectrometry	MD-80030	Soil	Laboratory provided	250mL	1	None	N/A
Offsite Alpha Spectrometry	Compendium A-012	Soil	Wide mouth Nalgene bottle	750g	1	None	N/A
	Compendium A-012	Water	Plastic cubetainer	4L	2	pH $\leq$2 with HNO_3 Cool to 4°C	N/A
Volatile Organic Analysis	Compendium A-027	Soil	Glass Bottle	120g	1	Cool to 4°C	14 days
	Compendium A-027	Water	Glass Vial	40mL	2	pH $\leq$2 with HCl Cool to 4°C	14 days

Table 5: Previous Sampling Results for PRS 282

Location Name	Location Type	Project Code	Collection Date	Start depth	End depth	Analyte	Measured Value	RBGV	Screening Level	Units	Dectection Limit	Data Qualifer	Lab Qualifer
MND23-B002	Borehole	MND23	19921103	3.5	5	1,1,1-Trichloroethane	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	8	10	1,1,1-Trichloroethane	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	13	15	1,1,1-Trichloroethane	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	16.5	18	1,1,1-Trichloroethane	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	21.5	23	1,1,1-Trichloroethane	6			UG/KG	6	U	U
402	MNW	34897	19940630	0	0.5	1,1,1-Trichloroethane	6			UG/KG	6	U	U
402	MNW	34897	19940630	24	26	1,1,1-Trichloroethane	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	12	14	1,1,1-Trichloroethane	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	12	14	1,1,1-Trichloroethane	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	19.5	20	1,1,1-Trichloroethane	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	21.5	22	1,1,1-Trichloroethane	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	54	55	1,1,1-Trichloroethane	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	4.5	5	1,1,1-Trichloroethane	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	9.5	10	1,1,1-Trichloroethane	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	47	48	1,1,1-Trichloroethane	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	55.5	56	1,1,1-Trichloroethane	5			UG/KG	5	U	U
MND23-B002	Borehole	MND23	19921103	3.5	5	1,1,2,2-Tetrachloroethane	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	8	10	1,1,2,2-Tetrachloroethane	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	13	15	1,1,2,2-Tetrachloroethane	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	16.5	18	1,1,2,2-Tetrachloroethane	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	21.5	23	1,1,2,2-Tetrachloroethane	6			UG/KG	6	U	U
402	MNW	34897	19940630	0	0.5	1,1,2,2-Tetrachloroethane	6			UG/KG	6	U	U
402	MNW	34897	19940630	24	26	1,1,2,2-Tetrachloroethane	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	12	14	1,1,2,2-Tetrachloroethane	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	12	14	1,1,2,2-Tetrachloroethane	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	19.5	20	1,1,2,2-Tetrachloroethane	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	21.5	22	1,1,2,2-Tetrachloroethane	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	54	55	1,1,2,2-Tetrachloroethane	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	4.5	5	1,1,2,2-Tetrachloroethane	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	9.5	10	1,1,2,2-Tetrachloroethane	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	47	48	1,1,2,2-Tetrachloroethane	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	55.5	56	1,1,2,2-Tetrachloroethane	5			UG/KG	5	U	U
402	MNW	34897	19940630	24	26	1,1,2-Trichloro-1,2,2-Trifluoroethane	12			UG/KG	12	U	U
402	MNW	34897	19940630	0	0.5	1,1,2-Trichloro-1,2,2-Trifluoroethane	11			UG/KG	11	U	U
MND23-B002	Borehole	MND23	19921103	3.5	5	1,1,2-Trichloroethane	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	8	10	1,1,2-Trichloroethane	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	13	15	1,1,2-Trichloroethane	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	16.5	18	1,1,2-Trichloroethane	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	21.5	23	1,1,2-Trichloroethane	6			UG/KG	6	U	U
402	MNW	34897	19940630	0	0.5	1,1,2-Trichloroethane	6			UG/KG	6	U	U
402	MNW	34897	19940630	24	26	1,1,2-Trichloroethane	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	12	14	1,1,2-Trichloroethane	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	12	14	1,1,2-Trichloroethane	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	19.5	20	1,1,2-Trichloroethane	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	21.5	22	1,1,2-Trichloroethane	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	54	55	1,1,2-Trichloroethane	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	4.5	5	1,1,2-Trichloroethane	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	9.5	10	1,1,2-Trichloroethane	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	47	48	1,1,2-Trichloroethane	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	55.5	56	1,1,2-Trichloroethane	5			UG/KG	5	U	U
MND23-B002	Borehole	MND23	19921103	3.5	5	1,1-Dichloroethane	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	8	10	1,1-Dichloroethane	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	13	15	1,1-Dichloroethane	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	16.5	18	1,1-Dichloroethane	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	21.5	23	1,1-Dichloroethane	6			UG/KG	6	U	U
402	MNW	34897	19940630	0	0.5	1,1-Dichloroethane	6			UG/KG	6	U	U
402	MNW	34897	19940630	24	26	1,1-Dichloroethane	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	12	14	1,1-Dichloroethane	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	12	14	1,1-Dichloroethane	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	19.5	20	1,1-Dichloroethane	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	21.5	22	1,1-Dichloroethane	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	54	55	1,1-Dichloroethane	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	4.5	5	1,1-Dichloroethane	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	9.5	10	1,1-Dichloroethane	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	47	48	1,1-Dichloroethane	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	55.5	56	1,1-Dichloroethane	5			UG/KG	5	U	U
MND23-B002	Borehole	MND23	19921103	3.5	5	1,1-Dichloroethene	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	8	10	1,1-Dichloroethene	6			UG/KG	6	U	U

RBGV and screening levels are provided for detected radionuclide measured values only.

Location Name	Location Type	Project Code	Collection Date	Start depth	End depth	Analyte	Measured Value	RBGV	Screening Level	Units	Dectection Limit	Data Qualifer	Lab Qualifer
MND23-B002	Borehole	MND23	19921103	13	15	1,1-Dichloroethene	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	16.5	18	1,1-Dichloroethene	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	21.5	23	1,1-Dichloroethene	6			UG/KG	6	U	U
402	MNW	34897	19940630	0	0.5	1,1-Dichloroethene	6			UG/KG	6	U	U
402	MNW	34897	19940630	24	26	1,1-Dichloroethene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	12	14	1,1-Dichloroethene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	12	14	1,1-Dichloroethene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	19.5	20	1,1-Dichloroethene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	21.5	22	1,1-Dichloroethene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	54	55	1,1-Dichloroethene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	4.5	5	1,1-Dichloroethene	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	9.5	10	1,1-Dichloroethene	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	47	48	1,1-Dichloroethene	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	55.5	56	1,1-Dichloroethene	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	12	14	1,2,3,4,6,7,8-HpCDD	246			PG/G			
MND23-B002	Borehole	MND23	19921103	13	15	1,2,3,4,6,7,8-HpCDD	2			PG/G		U	
P015	PZ	MND23	19921026	12	14	1,2,3,4,6,7,8-HpCDF	17.3			PG/G			
MND23-B002	Borehole	MND23	19921103	13	15	1,2,3,4,6,7,8-HpCDF	0.22			PG/G		U	U
P015	PZ	MND23	19921026	12	14	1,2,3,4,7,8,9-HpCDF	1.5			PG/G			
MND23-B002	Borehole	MND23	19921103	13	15	1,2,3,4,7,8,9-HpCDF	0.29			PG/G		U	U
P015	PZ	MND23	19921026	12	14	1,2,3,4,7,8-HxCDD	1.9			PG/G			
MND23-B002	Borehole	MND23	19921103	13	15	1,2,3,4,7,8-HxCDD	0.57			PG/G		U	U
P015	PZ	MND23	19921026	12	14	1,2,3,4,7,8-HxCDF	1.3			PG/G			
MND23-B002	Borehole	MND23	19921103	13	15	1,2,3,4,7,8-HxCDF	0.18			PG/G		U	U
P015	PZ	MND23	19921026	12	14	1,2,3,5,7,8-HxCDF	2.5			PG/G			
MND23-B002	Borehole	MND23	19921103	13	15	1,2,3,5,7,8-HxCDF	0.16			PG/G		U	U
P015	PZ	MND23	19921026	12	14	1,2,3,6,7,8-HxCDD	13.7			PG/G			
MND23-B002	Borehole	MND23	19921103	13	15	1,2,3,6,7,8-HxCDD	0.52			PG/G		U	U
P015	PZ	MND23	19921026	12	14	1,2,3,6,7,8-HxCDF	73.9			PG/G			
MND23-B002	Borehole	MND23	19921103	13	15	1,2,3,6,7,8-HxCDF	0.35			PG/G		U	U
P015	PZ	MND23	19921026	12	14	1,2,3,7,8,9-HxCDD	4.7			PG/G			
MND23-B002	Borehole	MND23	19921103	13	15	1,2,3,7,8,9-HxCDD	0.4			PG/G		U	U
P015	PZ	MND23	19921026	12	14	1,2,3,7,8,9-HxCDF	0.26			PG/G		U	U
MND23-B002	Borehole	MND23	19921103	13	15	1,2,3,7,8,9-HxCDF	0.21			PG/G		U	U
P015	PZ	MND23	19921026	12	14	1,2,3,7,8-PeCDD	0.71			PG/G			
MND23-B002	Borehole	MND23	19921103	13	15	1,2,3,7,8-PeCDD	0.36			PG/G		U	U
P015	PZ	MND23	19921026	12	14	1,2,3,7,8-PeCDF	1			PG/G		U	U
MND23-B002	Borehole	MND23	19921103	13	15	1,2,3,7,8-PeCDF	0.3			PG/G		U	U
402	MNW	34897	19940630	24	26	1,2,4-Trichlorobenzene	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	1,2,4-Trichlorobenzene	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	1,2,4-Trichlorobenzene	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	1,2,4-Trichlorobenzene	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	1,2,4-Trichlorobenzene	370			UG/KG	370	U	U
402	MNW	34897	19940630	0	0.5	1,2,4-Trichlorobenzene	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	1,2,4-Trichlorobenzene	360			UG/KG	360	U	U
402	MNW	34897	19940630	24	26	1,2-Dichlorobenzene	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	1,2-Dichlorobenzene	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	1,2-Dichlorobenzene	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	1,2-Dichlorobenzene	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	1,2-Dichlorobenzene	370			UG/KG	370	U	U
402	MNW	34897	19940630	0	0.5	1,2-Dichlorobenzene	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	1,2-Dichlorobenzene	360			UG/KG	360	U	U
MND23-B002	Borehole	MND23	19921103	3.5	5	1,2-Dichloroethane	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	8	10	1,2-Dichloroethane	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	13	15	1,2-Dichloroethane	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	16.5	18	1,2-Dichloroethane	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	21.5	23	1,2-Dichloroethane	6			UG/KG	6	U	U
402	MNW	34897	19940630	0	0.5	1,2-Dichloroethane	6			UG/KG	6	U	U
402	MNW	34897	19940630	24	26	1,2-Dichloroethane	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	12	14	1,2-Dichloroethane	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	12	14	1,2-Dichloroethane	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	19.5	20	1,2-Dichloroethane	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	21.5	22	1,2-Dichloroethane	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	54	55	1,2-Dichloroethane	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	4.5	5	1,2-Dichloroethane	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	9.5	10	1,2-Dichloroethane	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	47	48	1,2-Dichloroethane	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	55.5	56	1,2-Dichloroethane	5			UG/KG	5	U	U
MND23-B002	Borehole	MND23	19921103	21.5	23	1,2-Dichloroethene	45			UG/KG	6		
MND23-B002	Borehole	MND23	19921103	13	15	1,2-Dichloroethene	25			UG/KG	6		
P015	PZ	MND23	19921026	47	48	1,2-Dichloroethene	10			UG/KG	6		

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Location Name	Location Type	Project Code	Collection Date	Start depth	End depth	Analyte	Measured Value	RBGV	Screening Level	Units	Dectection Limit	Data Qualifer	Lab Qualifer
P015	PZ	MND23	19921026	54	55	1,2-Dichloroethene	9			UG/KG	6		
MND23-B002	Borehole	MND23	19921103	3.5	5	1,2-Dichloroethene	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	8	10	1,2-Dichloroethene	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	16.5	18	1,2-Dichloroethene	6			UG/KG	6	U	U
402	MNW	34897	19940630	0	0.5	1,2-Dichloroethene	6			UG/KG	6	U	U
402	MNW	34897	19940630	24	26	1,2-Dichloroethene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	12	14	1,2-Dichloroethene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	12	14	1,2-Dichloroethene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	19.5	20	1,2-Dichloroethene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	21.5	22	1,2-Dichloroethene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	55.5	56	1,2-Dichloroethene	6			UG/KG	5		
P015	PZ	MND23	19921026	4.5	5	1,2-Dichloroethene	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	9.5	10	1,2-Dichloroethene	5			UG/KG	5	U	U
MND23-B002	Borehole	MND23	19921103	3.5	5	1,2-Dichloropropane	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	8	10	1,2-Dichloropropane	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	13	15	1,2-Dichloropropane	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	16.5	18	1,2-Dichloropropane	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	21.5	23	1,2-Dichloropropane	6			UG/KG	6	U	U
402	MNW	34897	19940630	0	0.5	1,2-Dichloropropane	6			UG/KG	6	U	U
402	MNW	34897	19940630	24	26	1,2-Dichloropropane	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	12	14	1,2-Dichloropropane	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	12	14	1,2-Dichloropropane	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	19.5	20	1,2-Dichloropropane	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	21.5	22	1,2-Dichloropropane	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	54	55	1,2-Dichloropropane	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	4.5	5	1,2-Dichloropropane	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	9.5	10	1,2-Dichloropropane	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	47	48	1,2-Dichloropropane	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	55.5	56	1,2-Dichloropropane	5			UG/KG	5	U	U
402	MNW	34897	19940630	24	26	1,2-Diethylbenzene	24			UG/KG	24	U	U
402	MNW	34897	19940630	0	0.5	1,2-Diethylbenzene	23			UG/KG	23	U	U
353	MNW	MND20	19930202	4	5	1,3,5-Trinitrobenzene	1.5			MG/KG	1.5	U	U
402	MNW	34897	19940630	0	0.5	1,3,5-Trinitrobenzene	1.5			MG/KG	1.5	UJ	U
402	MNW	34897	19940630	24	26	1,3,5-Trinitrobenzene	1.5			MG/KG	1.5	UJ	U
MND23-B002	Borehole	MND23	19921103	3.5	5	1,3-cis-Dichloropropene	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	8	10	1,3-cis-Dichloropropene	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	13	15	1,3-cis-Dichloropropene	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	16.5	18	1,3-cis-Dichloropropene	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	21.5	23	1,3-cis-Dichloropropene	6			UG/KG	6	U	U
402	MNW	34897	19940630	0	0.5	1,3-cis-Dichloropropene	6			UG/KG	6	U	U
402	MNW	34897	19940630	24	26	1,3-cis-Dichloropropene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	12	14	1,3-cis-Dichloropropene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	12	14	1,3-cis-Dichloropropene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	19.5	20	1,3-cis-Dichloropropene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	21.5	22	1,3-cis-Dichloropropene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	54	55	1,3-cis-Dichloropropene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	4.5	5	1,3-cis-Dichloropropene	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	9.5	10	1,3-cis-Dichloropropene	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	47	48	1,3-cis-Dichloropropene	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	55.5	56	1,3-cis-Dichloropropene	5			UG/KG	5	U	U
402	MNW	34897	19940630	24	26	1,3-Dichlorobenzene	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	1,3-Dichlorobenzene	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	1,3-Dichlorobenzene	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	1,3-Dichlorobenzene	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	1,3-Dichlorobenzene	370			UG/KG	370	U	U
402	MNW	34897	19940630	0	0.5	1,3-Dichlorobenzene	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	1,3-Dichlorobenzene	360			UG/KG	360	U	U
353	MNW	MND20	19930202	4	5	1,3-Dinitrobenzene	1.5			MG/KG	1.5	U	U
402	MNW	34897	19940630	0	0.5	1,3-Dinitrobenzene	1.5			MG/KG	1.5	UJ	U
402	MNW	34897	19940630	24	26	1,3-Dinitrobenzene	1.5			MG/KG	1.5	UJ	U
MND23-B002	Borehole	MND23	19921103	3.5	5	1,3-trans-Dichloropropene	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	8	10	1,3-trans-Dichloropropene	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	13	15	1,3-trans-Dichloropropene	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	16.5	18	1,3-trans-Dichloropropene	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	21.5	23	1,3-trans-Dichloropropene	6			UG/KG	6	U	U
402	MNW	34897	19940630	0	0.5	1,3-trans-Dichloropropene	6			UG/KG	6	U	U
402	MNW	34897	19940630	24	26	1,3-trans-Dichloropropene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	12	14	1,3-trans-Dichloropropene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	12	14	1,3-trans-Dichloropropene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	19.5	20	1,3-trans-Dichloropropene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	21.5	22	1,3-trans-Dichloropropene	6			UG/KG	6	U	U

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Location Name	Location Type	Project Code	Collection Date	Start depth	End depth	Analyte	Measured Value	RBGV	Screening Level	Units	Dectection Limit	Data Qualifer	Lab Qualifer
P015	PZ	MND23	19921026	54	55	1,3-trans-Dichloropropene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	4.5	5	1,3-trans-Dichloropropene	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	9.5	10	1,3-trans-Dichloropropene	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	47	48	1,3-trans-Dichloropropene	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	55.5	56	1,3-trans-Dichloropropene	5			UG/KG	5	U	U
402	MNW	34897	19940630	24	26	1,4-Dichlorobenzene	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	1,4-Dichlorobenzene	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	1,4-Dichlorobenzene	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	1,4-Dichlorobenzene	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	1,4-Dichlorobenzene	370			UG/KG	370	U	U
402	MNW	34897	19940630	0	0.5	1,4-Dichlorobenzene	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	1,4-Dichlorobenzene	360			UG/KG	360	U	U
402	MNW	34897	19940630	24	26	2,2'-oxybis(1-chloropropane)	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	2,2'-oxybis(1-chloropropane)	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	2,2'-oxybis(1-chloropropane)	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	2,2'-oxybis(1-chloropropane)	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	2,2'-oxybis(1-chloropropane)	370			UG/KG	370	U	U
402	MNW	34897	19940630	0	0.5	2,2'-oxybis(1-chloropropane)	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	2,2'-oxybis(1-chloropropane)	360			UG/KG	360	U	U
P015	PZ	MND23	19921026	12	14	2,3,4,6,7,8-HxCDF	0.99			PG/G			
MND23-B002	Borehole	MND23	19921103	13	15	2,3,4,6,7,8-HxCDF	0.34			PG/G		U	U
P015	PZ	MND23	19921026	12	14	2,3,4,7,8-PeCDF	0.55			PG/G		U	U
MND23-B002	Borehole	MND23	19921103	13	15	2,3,4,7,8-PeCDF	0.31			PG/G		U	U
P015	PZ	MND23	19921026	12	14	2,3,7,8-TCDD	1.2			PG/G		U	U
MND23-B002	Borehole	MND23	19921103	13	15	2,3,7,8-TCDD	0.39			PG/G		U	U
P015	PZ	MND23	19921026	12	14	2,3,7,8-TCDF	0.49			PG/G		U	U
MND23-B002	Borehole	MND23	19921103	13	15	2,3,7,8-TCDF	0.33			PG/G		U	U
402	MNW	34897	19940630	24	26	2,4,5-Trichlorophenol	1900			UG/KG	1900	U	U
402	MNW	34897	19940630	0	0.5	2,4,5-Trichlorophenol	1800			UG/KG	1800	U	U
P015	PZ	MND23	19921026	12	14	2,4,5-Trichlorophenol	920			UG/KG	920	U	U
P015	PZ	MND23	19921026	12	14	2,4,5-Trichlorophenol	920			UG/KG	920	U	U
MND23-B002	Borehole	MND23	19921103	8	10	2,4,5-Trichlorophenol	890			UG/KG	890	U	U
MND23-B002	Borehole	MND23	19921103	13	15	2,4,5-Trichlorophenol	890			UG/KG	890	U	U
P015	PZ	MND23	19921026	47	48	2,4,5-Trichlorophenol	870			UG/KG	870	U	U
402	MNW	34897	19940630	24	26	2,4,6-Trichlorophenol	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	2,4,6-Trichlorophenol	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	2,4,6-Trichlorophenol	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	2,4,6-Trichlorophenol	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	2,4,6-Trichlorophenol	370			UG/KG	370	U	U
402	MNW	34897	19940630	0	0.5	2,4,6-Trichlorophenol	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	2,4,6-Trichlorophenol	360			UG/KG	360	U	U
353	MNW	MND20	19930202	4	5	2,4,6-Trinitrotoluene	1.5			MG/KG	1.5	U	U
402	MNW	34897	19940630	0	0.5	2,4,6-Trinitrotoluene	1.5			MG/KG	1.5	UJ	U
402	MNW	34897	19940630	24	26	2,4,6-Trinitrotoluene	1.5			MG/KG	1.5	UJ	U
402	MNW	34897	19940630	24	26	2,4-Dichlorophenol	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	2,4-Dichlorophenol	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	2,4-Dichlorophenol	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	2,4-Dichlorophenol	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	2,4-Dichlorophenol	370			UG/KG	370	U	U
402	MNW	34897	19940630	0	0.5	2,4-Dichlorophenol	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	2,4-Dichlorophenol	360			UG/KG	360	U	U
402	MNW	34897	19940630	24	26	2,4-Dimethylphenol	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	2,4-Dimethylphenol	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	2,4-Dimethylphenol	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	2,4-Dimethylphenol	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	2,4-Dimethylphenol	370			UG/KG	370	U	U
402	MNW	34897	19940630	0	0.5	2,4-Dimethylphenol	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	2,4-Dimethylphenol	360			UG/KG	360	U	U
402	MNW	34897	19940630	24	26	2,4-Dinitrophenol	1900			UG/KG	1900	U	U
402	MNW	34897	19940630	0	0.5	2,4-Dinitrophenol	1800			UG/KG	1800	U	U
P015	PZ	MND23	19921026	12	14	2,4-Dinitrophenol	920			UG/KG	920	U	U
P015	PZ	MND23	19921026	12	14	2,4-Dinitrophenol	920			UG/KG	920	U	U
MND23-B002	Borehole	MND23	19921103	8	10	2,4-Dinitrophenol	890			UG/KG	890	U	U
MND23-B002	Borehole	MND23	19921103	13	15	2,4-Dinitrophenol	890			UG/KG	890	U	U
P015	PZ	MND23	19921026	47	48	2,4-Dinitrophenol	870			UG/KG	870	U	U
402	MNW	34897	19940630	24	26	2,4-Dinitrotoluene	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	2,4-Dinitrotoluene	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	2,4-Dinitrotoluene	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	2,4-Dinitrotoluene	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	2,4-Dinitrotoluene	370			UG/KG	370	U	U
402	MNW	34897	19940630	0	0.5	2,4-Dinitrotoluene	370			UG/KG	370	U	U

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Location Name	Location Type	Project Code	Collection Date	Start depth	End depth	Analyte	Measured Value	RBGV	Screening Level	Units	Dectection Limit	Data Qualifer	Lab Qualifer
P015	PZ	MND23	19921026	47	48	2,4-Dinitrotoluene	360			UG/KG	360	U	U
353	MNW	MND20	19930202	4	5	2,4-Dinitrotoluene	0.5			MG/KG	0.5	U	U
402	MNW	34897	19940630	0	0.5	2,4-Dinitrotoluene	0.5			MG/KG	0.5	UJ	U
402	MNW	34897	19940630	24	26	2,4-Dinitrotoluene	0.5			MG/KG	0.5	UJ	U
402	MNW	34897	19940630	24	26	2,6-Dinitrotoluene	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	2,6-Dinitrotoluene	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	2,6-Dinitrotoluene	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	2,6-Dinitrotoluene	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	2,6-Dinitrotoluene	370			UG/KG	370	U	U
402	MNW	34897	19940630	0	0.5	2,6-Dinitrotoluene	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	2,6-Dinitrotoluene	360			UG/KG	360	U	U
353	MNW	MND20	19930202	4	5	2,6-Dinitrotoluene	1.5			MG/KG	1.5	U	U
402	MNW	34897	19940630	0	0.5	2,6-Dinitrotoluene	1.5			MG/KG	1.5	UJ	U
402	MNW	34897	19940630	24	26	2,6-Dinitrotoluene	1.5			MG/KG	1.5	UJ	U
353	MNW	MND20	19930202	4	5	2-Amino-4,6-Dinitrotoluene	1.5			MG/KG	1.5	U	U
402	MNW	34897	19940630	0	0.5	2-Amino-4,6-Dinitrotoluene	1.5			MG/KG	1.5	UJ	U
402	MNW	34897	19940630	24	26	2-Amino-4,6-Dinitrotoluene	1.5			MG/KG	1.5	UJ	U
402	MNW	34897	19940630	24	26	2-Benzyl-4-Chlorophenol	390			UG/KG	390	U	U
402	MNW	34897	19940630	0	0.5	2-Benzyl-4-Chlorophenol	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	9.5	10	2-Butanone	13			UG/KG	11		
MND23-B002	Borehole	MND23	19921103	3.5	5	2-Butanone	12			UG/KG	12	U	U
MND23-B002	Borehole	MND23	19921103	21.5	23	2-Butanone	12			UG/KG	12	U	U
402	MNW	34897	19940630	24	26	2-Butanone	12			UG/KG	12	U	U
P015	PZ	MND23	19921026	12	14	2-Butanone	12			UG/KG	12	U	U
MND23-B002	Borehole	MND23	19921103	8	10	2-Butanone	11			UG/KG	11	U	U
MND23-B002	Borehole	MND23	19921103	13	15	2-Butanone	11			UG/KG	11	U	U
MND23-B002	Borehole	MND23	19921103	16.5	18	2-Butanone	11			UG/KG	11	U	U
402	MNW	34897	19940630	0	0.5	2-Butanone	11			UG/KG	11	U	U
P015	PZ	MND23	19921026	4.5	5	2-Butanone	11			UG/KG	11	U	U
P015	PZ	MND23	19921026	21.5	22	2-Butanone	11			UG/KG	12	J	J
P015	PZ	MND23	19921026	47	48	2-Butanone	11			UG/KG	11	U	U
P015	PZ	MND23	19921026	54	55	2-Butanone	11			UG/KG	11	U	U
P015	PZ	MND23	19921026	55.5	56	2-Butanone	11			UG/KG	11	U	U
P015	PZ	MND23	19921026	12	14	2-Butanone	2			UG/KG	12	J	J
P015	PZ	MND23	19921026	19.5	20	2-Butanone	1			UG/KG	12	J	J
402	MNW	34897	19940630	24	26	2-Chloronaphthalene	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	2-Chloronaphthalene	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	2-Chloronaphthalene	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	2-Chloronaphthalene	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	2-Chloronaphthalene	370			UG/KG	370	U	U
402	MNW	34897	19940630	0	0.5	2-Chloronaphthalene	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	2-Chloronaphthalene	360			UG/KG	360	U	U
402	MNW	34897	19940630	24	26	2-Chlorophenol	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	2-Chlorophenol	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	2-Chlorophenol	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	2-Chlorophenol	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	2-Chlorophenol	370			UG/KG	370	U	U
402	MNW	34897	19940630	0	0.5	2-Chlorophenol	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	2-Chlorophenol	360			UG/KG	360	U	U
MND23-B002	Borehole	MND23	19921103	3.5	5	2-Hexanone	12			UG/KG	12	U	U
MND23-B002	Borehole	MND23	19921103	21.5	23	2-Hexanone	12			UG/KG	12	U	U
402	MNW	34897	19940630	24	26	2-Hexanone	12			UG/KG	12	U	U
P015	PZ	MND23	19921026	12	14	2-Hexanone	12			UG/KG	12	U	U
P015	PZ	MND23	19921026	12	14	2-Hexanone	12			UG/KG	12	U	U
P015	PZ	MND23	19921026	19.5	20	2-Hexanone	12			UG/KG	12	U	U
P015	PZ	MND23	19921026	21.5	22	2-Hexanone	12			UG/KG	12	U	U
MND23-B002	Borehole	MND23	19921103	8	10	2-Hexanone	11			UG/KG	11	U	U
MND23-B002	Borehole	MND23	19921103	13	15	2-Hexanone	11			UG/KG	11	U	U
MND23-B002	Borehole	MND23	19921103	16.5	18	2-Hexanone	11			UG/KG	11	U	U
402	MNW	34897	19940630	0	0.5	2-Hexanone	11			UG/KG	11	U	U
P015	PZ	MND23	19921026	9.5	10	2-Hexanone	11			UG/KG	11	U	U
P015	PZ	MND23	19921026	47	48	2-Hexanone	11			UG/KG	11	U	U
P015	PZ	MND23	19921026	54	55	2-Hexanone	11			UG/KG	11	U	U
P015	PZ	MND23	19921026	55.5	56	2-Hexanone	11			UG/KG	11	U	U
P015	PZ	MND23	19921026	4.5	5	2-Hexanone	2			UG/KG	5	J	J
402	MNW	34897	19940630	24	26	2-Methylnaphthalene	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	2-Methylnaphthalene	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	2-Methylnaphthalene	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	2-Methylnaphthalene	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	2-Methylnaphthalene	370			UG/KG	370	U	U
402	MNW	34897	19940630	0	0.5	2-Methylnaphthalene	370			UG/KG	370	U	U

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Location Name	Location Type	Project Code	Collection Date	Start depth	End depth	Analyte	Measured Value	RBGV	Screening Level	Units	Dectection Limit	Data Qualifer	Lab Qualifer
P015	PZ	MND23	19921026	47	48	2-Methylnaphthalene	360			UG/KG	360	U	U
402	MNW	34897	19940630	24	26	2-Methylphenol	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	2-Methylphenol	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	2-Methylphenol	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	2-Methylphenol	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	2-Methylphenol	370			UG/KG	370	U	U
402	MNW	34897	19940630	0	0.5	2-Methylphenol	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	2-Methylphenol	360			UG/KG	360	U	U
402	MNW	34897	19940630	24	26	2-Nitroaniline	1900			UG/KG	1900	U	U
402	MNW	34897	19940630	0	0.5	2-Nitroaniline	1800			UG/KG	1800	U	U
P015	PZ	MND23	19921026	12	14	2-Nitroaniline	920			UG/KG	920	U	U
P015	PZ	MND23	19921026	12	14	2-Nitroaniline	920			UG/KG	920	U	U
MND23-B002	Borehole	MND23	19921103	8	10	2-Nitroaniline	890			UG/KG	890	U	U
MND23-B002	Borehole	MND23	19921103	13	15	2-Nitroaniline	890			UG/KG	890	U	U
P015	PZ	MND23	19921026	47	48	2-Nitroaniline	870			UG/KG	870	U	U
402	MNW	34897	19940630	24	26	2-Nitrophenol	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	2-Nitrophenol	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	2-Nitrophenol	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	2-Nitrophenol	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	2-Nitrophenol	370			UG/KG	370	U	U
402	MNW	34897	19940630	0	0.5	2-Nitrophenol	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	2-Nitrophenol	360			UG/KG	360	U	U
402	MNW	34897	19940630	24	26	3,3'-Dichlorobenzidine	780			UG/KG	780	U	U
402	MNW	34897	19940630	0	0.5	3,3'-Dichlorobenzidine	740			UG/KG	740	U	U
P015	PZ	MND23	19921026	12	14	3,3'-Dichlorobenzidine	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	3,3'-Dichlorobenzidine	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	3,3'-Dichlorobenzidine	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	3,3'-Dichlorobenzidine	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	3,3'-Dichlorobenzidine	360			UG/KG	360	U	U
402	MNW	34897	19940630	24	26	3-Nitroaniline	1900			UG/KG	1900	U	U
402	MNW	34897	19940630	0	0.5	3-Nitroaniline	1800			UG/KG	1800	U	U
P015	PZ	MND23	19921026	12	14	3-Nitroaniline	920			UG/KG	920	U	UJ
P015	PZ	MND23	19921026	12	14	3-Nitroaniline	920			UG/KG	920	U	UJ
MND23-B002	Borehole	MND23	19921103	8	10	3-Nitroaniline	890			UG/KG	890	UJ	U
MND23-B002	Borehole	MND23	19921103	13	15	3-Nitroaniline	890			UG/KG	890	U	U
P015	PZ	MND23	19921026	47	48	3-Nitroaniline	870			UG/KG	870	U	U
402	MNW	34897	19940630	24	26	4,4'-DDD	3.9			UG/KG	3.9	U	U
P015	PZ	MND23	19921026	12	14	4,4'-DDD	3.8			UG/KG	3.8	U	U
P015	PZ	MND23	19921026	12	14	4,4'-DDD	3.8			UG/KG	3.8	U	U
402	MNW	34897	19940630	0	0.5	4,4'-DDD	3.7			UG/KG	3.7	U	U
P015	PZ	MND23	19921026	47	48	4,4'-DDD	3.6			UG/KG	3.6	U	U
402	MNW	34897	19940630	24	26	4,4'-DDE	3.9			UG/KG	3.9	U	U
P015	PZ	MND23	19921026	12	14	4,4'-DDE	3.8			UG/KG	3.8	U	U
P015	PZ	MND23	19921026	12	14	4,4'-DDE	3.8			UG/KG	3.8	U	U
402	MNW	34897	19940630	0	0.5	4,4'-DDE	3.7			UG/KG	3.7	U	U
P015	PZ	MND23	19921026	47	48	4,4'-DDE	3.6			UG/KG	3.6	U	U
402	MNW	34897	19940630	24	26	4,4'-DDT	3.9			UG/KG	3.9	U	U
P015	PZ	MND23	19921026	12	14	4,4'-DDT	3.8			UG/KG	3.8	U	U
P015	PZ	MND23	19921026	12	14	4,4'-DDT	3.8			UG/KG	3.8	U	U
402	MNW	34897	19940630	0	0.5	4,4'-DDT	3.7			UG/KG	3.7	U	U
P015	PZ	MND23	19921026	47	48	4,4'-DDT	3.6			UG/KG	3.6	U	U
402	MNW	34897	19940630	24	26	4,6-Dinitro-o-Cresol	1900			UG/KG	1900	U	U
402	MNW	34897	19940630	0	0.5	4,6-Dinitro-o-Cresol	1800			UG/KG	1800	U	U
P015	PZ	MND23	19921026	12	14	4,6-Dinitro-o-Cresol	920			UG/KG	920	U	U
P015	PZ	MND23	19921026	12	14	4,6-Dinitro-o-Cresol	920			UG/KG	920	U	U
MND23-B002	Borehole	MND23	19921103	8	10	4,6-Dinitro-o-Cresol	890			UG/KG	890	U	U
MND23-B002	Borehole	MND23	19921103	13	15	4,6-Dinitro-o-Cresol	890			UG/KG	890	U	U
P015	PZ	MND23	19921026	47	48	4,6-Dinitro-o-Cresol	870			UG/KG	870	U	U
402	MNW	34897	19940630	24	26	4-Bromophenyl-phenyl Ether	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	4-Bromophenyl-phenyl Ether	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	4-Bromophenyl-phenyl Ether	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	4-Bromophenyl-phenyl Ether	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	4-Bromophenyl-phenyl Ether	370			UG/KG	370	U	U
402	MNW	34897	19940630	0	0.5	4-Bromophenyl-phenyl Ether	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	4-Bromophenyl-phenyl Ether	360			UG/KG	360	U	U
402	MNW	34897	19940630	24	26	4-Chloro-3-Methylphenol	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	4-Chloro-3-Methylphenol	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	4-Chloro-3-Methylphenol	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	4-Chloro-3-Methylphenol	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	4-Chloro-3-Methylphenol	370			UG/KG	370	U	U
402	MNW	34897	19940630	0	0.5	4-Chloro-3-Methylphenol	370			UG/KG	370	U	U

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Location Name	Location Type	Project Code	Collection Date	Start depth	End depth	Analyte	Measured Value	RBGV	Screening Level	Units	Dectection Limit	Data Qualifer	Lab Qualifer
P015	PZ	MND23	19921026	47	48	4-Chloro-3-Methylphenol	360			UG/KG	360	U	U
402	MNW	34897	19940630	24	26	4-Chloroaniline	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	4-Chloroaniline	380			UG/KG	380	U	UJ
P015	PZ	MND23	19921026	12	14	4-Chloroaniline	380			UG/KG	380	U	UJ
MND23-B002	Borehole	MND23	19921103	8	10	4-Chloroaniline	370			UG/KG	370	UJ	U
MND23-B002	Borehole	MND23	19921103	13	15	4-Chloroaniline	370			UG/KG	370	U	U
402	MNW	34897	19940630	0	0.5	4-Chloroaniline	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	4-Chloroaniline	360			UG/KG	360	U	U
402	MNW	34897	19940630	24	26	4-Chlorophenyl-Phenylether	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	4-Chlorophenyl-Phenylether	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	4-Chlorophenyl-Phenylether	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	4-Chlorophenyl-Phenylether	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	4-Chlorophenyl-Phenylether	370			UG/KG	370	U	U
402	MNW	34897	19940630	0	0.5	4-Chlorophenyl-Phenylether	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	4-Chlorophenyl-Phenylether	360			UG/KG	360	U	U
MND23-B002	Borehole	MND23	19921103	3.5	5	4-Methyl-2-pentanone	12			UG/KG	12	U	U
MND23-B002	Borehole	MND23	19921103	21.5	23	4-Methyl-2-pentanone	12			UG/KG	12	U	U
402	MNW	34897	19940630	24	26	4-Methyl-2-pentanone	12			UG/KG	12	U	U
P015	PZ	MND23	19921026	12	14	4-Methyl-2-pentanone	12			UG/KG	12	U	U
P015	PZ	MND23	19921026	12	14	4-Methyl-2-pentanone	12			UG/KG	12	U	U
P015	PZ	MND23	19921026	19.5	20	4-Methyl-2-pentanone	12			UG/KG	12	U	U
P015	PZ	MND23	19921026	21.5	22	4-Methyl-2-pentanone	12			UG/KG	12	U	U
MND23-B002	Borehole	MND23	19921103	8	10	4-Methyl-2-pentanone	11			UG/KG	11	U	U
MND23-B002	Borehole	MND23	19921103	13	15	4-Methyl-2-pentanone	11			UG/KG	11	U	U
MND23-B002	Borehole	MND23	19921103	16.5	18	4-Methyl-2-pentanone	11			UG/KG	11	U	U
402	MNW	34897	19940630	0	0.5	4-Methyl-2-pentanone	11			UG/KG	11	U	U
P015	PZ	MND23	19921026	4.5	5	4-Methyl-2-pentanone	11			UG/KG	11	U	U
P015	PZ	MND23	19921026	9.5	10	4-Methyl-2-pentanone	11			UG/KG	11	U	U
P015	PZ	MND23	19921026	47	48	4-Methyl-2-pentanone	11			UG/KG	11	U	U
P015	PZ	MND23	19921026	54	55	4-Methyl-2-pentanone	11			UG/KG	11	U	U
P015	PZ	MND23	19921026	55.5	56	4-Methyl-2-pentanone	11			UG/KG	11	U	U
402	MNW	34897	19940630	24	26	4-Methylphenol	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	4-Methylphenol	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	4-Methylphenol	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	4-Methylphenol	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	4-Methylphenol	370			UG/KG	370	U	U
402	MNW	34897	19940630	0	0.5	4-Methylphenol	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	4-Methylphenol	360			UG/KG	360	U	U
402	MNW	34897	19940630	24	26	4-Nitroaniline	1900			UG/KG	1900	U	U
402	MNW	34897	19940630	0	0.5	4-Nitroaniline	1800			UG/KG	1800	U	U
P015	PZ	MND23	19921026	12	14	4-Nitroaniline	920			UG/KG	920	U	U
P015	PZ	MND23	19921026	12	14	4-Nitroaniline	920			UG/KG	920	U	U
MND23-B002	Borehole	MND23	19921103	8	10	4-Nitroaniline	890			UG/KG	890	U	U
MND23-B002	Borehole	MND23	19921103	13	15	4-Nitroaniline	890			UG/KG	890	UJ	U
P015	PZ	MND23	19921026	47	48	4-Nitroaniline	870			UG/KG	870	U	UJ
402	MNW	34897	19940630	24	26	4-Nitrophenol	1900			UG/KG	1900	U	U
402	MNW	34897	19940630	0	0.5	4-Nitrophenol	1800			UG/KG	1800	U	U
P015	PZ	MND23	19921026	12	14	4-Nitrophenol	920			UG/KG	920	U	U
P015	PZ	MND23	19921026	12	14	4-Nitrophenol	920			UG/KG	920	U	U
MND23-B002	Borehole	MND23	19921103	8	10	4-Nitrophenol	890			UG/KG	890	U	U
MND23-B002	Borehole	MND23	19921103	13	15	4-Nitrophenol	890			UG/KG	890	U	U
P015	PZ	MND23	19921026	47	48	4-Nitrophenol	870			UG/KG	870	U	U
402	MNW	34897	19940630	24	26	Acenaphthene	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	Acenaphthene	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	Acenaphthene	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Acenaphthene	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Acenaphthene	370			UG/KG	370	U	U
402	MNW	34897	19940630	0	0.5	Acenaphthene	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	Acenaphthene	360			UG/KG	360	U	U
402	MNW	34897	19940630	24	26	Acenaphthylene	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	Acenaphthylene	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	Acenaphthylene	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Acenaphthylene	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Acenaphthylene	370			UG/KG	370	U	U
402	MNW	34897	19940630	0	0.5	Acenaphthylene	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	Acenaphthylene	360			UG/KG	360	U	U
P015	PZ	MND23	19921026	9.5	10	Acetone	130			UG/KG	11		
P015	PZ	MND23	19921026	21.5	22	Acetone	76			UG/KG	12		U
402	MNW	34897	19940630	24	26	Acetone	38			UG/KG	38	U	B
402	MNW	34897	19940630	0	0.5	Acetone	21			UG/KG	21	U	B
P015	PZ	MND23	19921026	12	14	Acetone	12			UG/KG	12	J	U

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Location Name	Location Type	Project Code	Collection Date	Start depth	End depth	Analyte	Measured Value	RBGV	Screening Level	Units	Dectection Limit	Data Qualifer	Lab Qualifer
P015	PZ	MND23	19921026	12	14	Acetone	12			UG/KG	12	J	U
P015	PZ	MND23	19921026	19.5	20	Acetone	12			UG/KG	12	J	U
MND23-B002	Borehole	MND23	19921103	8	10	Acetone	11			UG/KG	11	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Acetone	11			UG/KG	11	U	U
P015	PZ	MND23	19921026	4.5	5	Acetone	11			UG/KG	11		U
P015	PZ	MND23	19921026	47	48	Acetone	11			UG/KG	11	J	U
P015	PZ	MND23	19921026	54	55	Acetone	11			UG/KG	11	J	U
P015	PZ	MND23	19921026	55.5	56	Acetone	11			UG/KG	11	J	U
MND23-B002	Borehole	MND23	19921103	16.5	18	Acetone	7			UG/KG	11	J	J
MND23-B002	Borehole	MND23	19921103	3.5	5	Acetone	3			UG/KG	12	J	J
MND23-B002	Borehole	MND23	19921103	21.5	23	Acetone	2			UG/KG	12	J	J
402	MNW	34897	19940630	24	26	Acetonitrile	120			UG/KG	120	U	U
402	MNW	34897	19940630	0	0.5	Acetonitrile	110			UG/KG	110	U	U
402	MNW	34897	19940630	24	26	Acrylonitrile	120			UG/KG	120	U	U
402	MNW	34897	19940630	0	0.5	Acrylonitrile	110			UG/KG	110	U	U
402	MNW	34897	19940630	0	0.5	Actinium	0.31	0.45	0.56	PCI/G	0.31	U	U
402	MNW	34897	19940630	24	26	Actinium	0.22			PCI/G	0.22	U	U
4810	Surface	SPOILS2001	20010403	0	0	Actinium-227	0.25			PCI/G	0.25		U
4818	Surface	SPOILS2001	20010403	0	0	Actinium-227	0.25			PCI/G	0.25		U
4800	Surface	SPOILS2001	20010403	0	0	Actinium-227	0.22			PCI/G	0.22		U
4816	Surface	SPOILS2001	20010403	0	0	Actinium-227	0.22			PCI/G	0.22		U
4819	Surface	SPOILS2001	20010403	0	0	Actinium-227	0.22			PCI/G	0.22		U
4823	Surface	SPOILS2001	20010403	0	0	Actinium-227	0.22			PCI/G	0.22		U
4801	Surface	SPOILS2001	20010403	0	0	Actinium-227	0.21			PCI/G	0.21		U
4814	Surface	SPOILS2001	20010430	0	0	Actinium-227	0.21			PCI/G	0.21		U
4821	Surface	SPOILS2001	20010403	0	0	Actinium-227	0.2			PCI/G	0.2		U
4817	Surface	SPOILS2001	20010403	0	0	Actinium-227	0.19			PCI/G	0.19		U
4815	Surface	SPOILS2001	20010403	0	0	Actinium-227	0.18			PCI/G	0.18		U
4798	Surface	SPOILS2001	20010403	0	0	Actinium-227	0.17			PCI/G	0.17		U
4804	Surface	SPOILS2001	20010403	0	0	Actinium-227	0.17			PCI/G	0.17		U
4809	Surface	SPOILS2001	20010403	0	0	Actinium-227	0.17			PCI/G	0.17		U
4813	Surface	SPOILS2001	20010403	0	0	Actinium-227	0.15			PCI/G	0.15		U
4820	Surface	SPOILS2001	20010403	0	0	Actinium-227	0.15			PCI/G	0.15		U
4827	Surface	SPOILS2001	20010403	0	0	Actinium-227	0.15			PCI/G	0.15		U
4799	Surface	SPOILS2001	20010403	0	0	Actinium-227	0.14			PCI/G	0.14		U
4829	Surface	SPOILS2001	20010403	0	0	Actinium-227	0.14			PCI/G	0.14		U
4812	Surface	SPOILS2001	20010403	0	0	Actinium-227	0.13			PCI/G	0.13		U
4822	Surface	SPOILS2001	20010403	0	0	Actinium-227	0.13			PCI/G	0.13		U
4825	Surface	SPOILS2001	20010403	0	0	Actinium-227	0.13			PCI/G	0.13		U
4824	Surface	SPOILS2001	20010403	0	0	Actinium-227	0.12			PCI/G	0.12		U
4803	Surface	SPOILS2001	20010403	0	0	Actinium-227	0.11			PCI/G	0.11		U
4808	Surface	SPOILS2001	20010403	0	0	Actinium-227	0.11			PCI/G	0.11		U
4807	Surface	SPOILS2001	20010403	0	0	Actinium-227	0.1			PCI/G	0.1		U
4826	Surface	SPOILS2001	20010403	0	0	Actinium-227	0.09			PCI/G	0.09		U
4828	Surface	SPOILS2001	20010403	0	0	Actinium-227	0.09			PCI/G	0.09		U
4796	Surface	SPOILS2001	20010403	0	0	Actinium-227	0.08			PCI/G	0.08		U
4797	Surface	SPOILS2001	20010403	0	0	Actinium-227	0.08			PCI/G	0.08		U
4802	Surface	SPOILS2001	20010403	0	0	Actinium-227	0.07			PCI/G	0.07		U
4806	Surface	SPOILS2001	20010403	0	0	Actinium-227	0.07			PCI/G	0.07		U
4811	Surface	SPOILS2001	20010403	0	0	Actinium-227	0.07			PCI/G	0.07		U
4805	Surface	SPOILS2001	20010403	0	0	Actinium-227	0.05			PCI/G	0.05		U
402	MNW	34897	19940630	24	26	Aldrin	2			UG/KG	2	U	U
P015	PZ	MND23	19921026	12	14	Aldrin	2			UG/KG	2	U	U
P015	PZ	MND23	19921026	12	14	Aldrin	2			UG/KG	2	U	U
402	MNW	34897	19940630	0	0.5	Aldrin	1.9			UG/KG	1.9	U	U
P015	PZ	MND23	19921026	47	48	Aldrin	1.8			UG/KG	1.8	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Alkalinity	42040			MG/KG	112		
P015	PZ	MND23	19921026	12	14	Alkalinity	31250			MG/KG	115.74		J
P015	PZ	MND23	19921026	47	48	Alkalinity	15267			MG/KG	109.05		
P015	PZ	MND23	19921026	12	14	Alkalinity	13310			MG/KG	115		J
402	MNW	34897	19940630	24	26	Alpha Chlordane	2			UG/KG	2	U	U
P015	PZ	MND23	19921026	12	14	Alpha Chlordane	2			UG/KG	2	U	U
P015	PZ	MND23	19921026	12	14	Alpha Chlordane	2			UG/KG	2	U	U
P015	PZ	MND23	19921026	47	48	Alpha Chlordane	1.8			UG/KG	1.8	U	U
402	MNW	34897	19940630	0	0.5	Alpha Chlordane	0.25			UG/KG		J	JP
402	MNW	34897	19940630	24	26	Alpha-BHC	2			UG/KG	2	U	U
P015	PZ	MND23	19921026	12	14	Alpha-BHC	2			UG/KG	2	U	U
P015	PZ	MND23	19921026	12	14	Alpha-BHC	2			UG/KG	2	U	U
402	MNW	34897	19940630	0	0.5	Alpha-BHC	1.9			UG/KG	1.9	U	U
P015	PZ	MND23	19921026	47	48	Alpha-BHC	1.8			UG/KG	1.8	U	U
P015	PZ	MND23	19921026	12	14	Aluminum	11100			MG/KG	4.58		J

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Location Name	Location Type	Project Code	Collection Date	Start depth	End depth	Analyte	Measured Value	RBGV	Screening Level	Units	Dectection Limit	Data Qualifer	Lab Qualifer
P015	PZ	MND23	19921026	12	14	Aluminum	10400			MG/KG	4.58		J
402	MNW	34897	19940630	0	0.5	Aluminum	6930			MG/KG			
353	MNW	MND20	19930202	4	5	Aluminum	5870			MG/KG	17.21	U	
402	MNW	34897	19940630	24	26	Aluminum	2710			MG/KG			
P015	PZ	MND23	19921026	47	48	Aluminum	2010			MG/KG	17.9		UJ
S0880	Surface	RSS	19840801	0	0	Americium-241	0.5			PCI/G	0.5		U
S0881	Surface	RSS	19841001	0	0	Americium-241	0.5			PCI/G	0.5		U
402	MNW	34897	19940630	0	0.5	Americium-241	0.43	6.3	6.3	PCI/G	0.43	U	U
402	MNW	34897	19940630	24	26	Americium-241	0.22			PCI/G	0.22	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Americium-241	0.0874			PCI/G	0.0874	U	U
353	MNW	MND20	19930208	16	16.5	Americium-241	0.0818			PCI/G	0.0818	U	U
353	MNW	MND20	19930202	4	5	Americium-241	0.0731			PCI/G	0.0731	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Americium-241	0.073			PCI/G	0.073	U	U
4801	Surface	SPOILS2001	20010403	0	0	Americium-241	0.06			PCI/G	0.06		U
4810	Surface	SPOILS2001	20010403	0	0	Americium-241	0.06			PCI/G	0.06		U
4818	Surface	SPOILS2001	20010403	0	0	Americium-241	0.06			PCI/G	0.06		U
P015	PZ	MND23	19921026	12	14	Americium-241	0.0515			PCI/G	0.0515	U	U
4800	Surface	SPOILS2001	20010403	0	0	Americium-241	0.05			PCI/G	0.05		U
4814	Surface	SPOILS2001	20010430	0	0	Americium-241	0.05			PCI/G	0.05		U
4817	Surface	SPOILS2001	20010403	0	0	Americium-241	0.05			PCI/G	0.05		U
4819	Surface	SPOILS2001	20010403	0	0	Americium-241	0.05			PCI/G	0.05		U
4822	Surface	SPOILS2001	20010403	0	0	Americium-241	0.05			PCI/G	0.05		U
4823	Surface	SPOILS2001	20010403	0	0	Americium-241	0.05			PCI/G	0.05		U
P015	PZ	MND23	19921026	12	14	Americium-241	0.0476			PCI/G	0.0476	U	U
P015	PZ	MND23	19921026	47	48	Americium-241	0.0426			PCI/G	0.0426	U	U
4798	Surface	SPOILS2001	20010403	0	0	Americium-241	0.04			PCI/G	0.04		U
4804	Surface	SPOILS2001	20010403	0	0	Americium-241	0.04			PCI/G	0.04		U
4809	Surface	SPOILS2001	20010403	0	0	Americium-241	0.04			PCI/G	0.04		U
4813	Surface	SPOILS2001	20010403	0	0	Americium-241	0.04			PCI/G	0.04		U
4815	Surface	SPOILS2001	20010403	0	0	Americium-241	0.04			PCI/G	0.04		U
4816	Surface	SPOILS2001	20010403	0	0	Americium-241	0.04			PCI/G	0.04		U
4821	Surface	SPOILS2001	20010403	0	0	Americium-241	0.04			PCI/G	0.04		U
4826	Surface	SPOILS2001	20010403	0	0	Americium-241	0.04			PCI/G	0.04		U
4797	Surface	SPOILS2001	20010403	0	0	Americium-241	0.03	6.3	6.3	PCI/G	0.03		U
4799	Surface	SPOILS2001	20010403	0	0	Americium-241	0.03			PCI/G	0.03		U
4803	Surface	SPOILS2001	20010403	0	0	Americium-241	0.03			PCI/G	0.03		U
4812	Surface	SPOILS2001	20010403	0	0	Americium-241	0.03			PCI/G	0.03		U
4820	Surface	SPOILS2001	20010403	0	0	Americium-241	0.03			PCI/G	0.03		U
4825	Surface	SPOILS2001	20010403	0	0	Americium-241	0.03			PCI/G	0.03		U
4824	Surface	SPOILS2001	20010403	0	0	Americium-241	0.03			PCI/G	0.03		U
4827	Surface	SPOILS2001	20010403	0	0	Americium-241	0.03			PCI/G	0.03		U
4828	Surface	SPOILS2001	20010403	0	0	Americium-241	0.03			PCI/G	0.03		U
4829	Surface	SPOILS2001	20010403	0	0	Americium-241	0.03			PCI/G	0.03		U
4796	Surface	SPOILS2001	20010403	0	0	Americium-241	0.02			PCI/G	0.02		U
4802	Surface	SPOILS2001	20010403	0	0	Americium-241	0.02			PCI/G	0.02		U
4806	Surface	SPOILS2001	20010403	0	0	Americium-241	0.02			PCI/G	0.02		U
4807	Surface	SPOILS2001	20010403	0	0	Americium-241	0.02			PCI/G	0.02		U
4808	Surface	SPOILS2001	20010403	0	0	Americium-241	0.02			PCI/G	0.02		U
4811	Surface	SPOILS2001	20010403	0	0	Americium-241	0.02			PCI/G	0.02		U
4805	Surface	SPOILS2001	20010403	0	0	Americium-241	0.01			PCI/G	0.01		U
402	MNW	34897	19940630	24	26	Anthracene	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	Anthracene	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	Anthracene	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Anthracene	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Anthracene	370			UG/KG	370	U	U
402	MNW	34897	19940630	0	0.5	Anthracene	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	Anthracene	360			UG/KG	360	U	U
402	MNW	34897	19940630	0	0.5	Antimony	3.3			MG/KG		J	N*
402	MNW	34897	19940630	24	26	Antimony	2.3			MG/KG		J	N*
353	MNW	MND20	19930202	4	5	Antimony	1.1			MG/KG	2.15	UJ	U
P015	PZ	MND23	19921026	12	14	Antimony	1.1			MG/KG	2.29	U	R
P015	PZ	MND23	19921026	12	14	Antimony	1.1			MG/KG	2.29	U	R
MND23-B002	Borehole	MND23	19921103	13	15	Antimony	1			MG/KG	2	R	U
353	MNW	MND20	19930208	16	16.5	Antimony	0.98			MG/KG	0.98	UJ	U
P015	PZ	MND23	19921026	47	48	Antimony	0.89			MG/KG	1.79	U	R
402	MNW	34897	19940630	24	26	Aroclor-1016	39			UG/KG	39	U	U
P015	PZ	MND23	19921026	12	14	Aroclor-1016	38			UG/KG	38	U	U
P015	PZ	MND23	19921026	12	14	Aroclor-1016	38			UG/KG	38	U	U
402	MNW	34897	19940630	0	0.5	Aroclor-1016	37			UG/KG	37	U	U
P015	PZ	MND23	19921026	47	48	Aroclor-1016	36			UG/KG	36	U	U
402	MNW	34897	19940630	24	26	Aroclor-1221	79			UG/KG	79	U	U

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Location Name	Location Type	Project Code	Collection Date	Start depth	End depth	Analyte	Measured Value	RBGV	Screening Level	Units	Dectection Limit	Data Qualifer	Lab Qualifer
P015	PZ	MND23	19921026	12	14	Aroclor-1221	77			UG/KG	77	U	U
P015	PZ	MND23	19921026	12	14	Aroclor-1221	77			UG/KG	77	U	U
402	MNW	34897	19940630	0	0.5	Aroclor-1221	75			UG/KG	75	U	U
P015	PZ	MND23	19921026	47	48	Aroclor-1221	72			UG/KG	72	U	U
402	MNW	34897	19940630	24	26	Aroclor-1232	39			UG/KG	39	U	U
P015	PZ	MND23	19921026	12	14	Aroclor-1232	38			UG/KG	38	U	U
P015	PZ	MND23	19921026	12	14	Aroclor-1232	38			UG/KG	38	U	U
402	MNW	34897	19940630	0	0.5	Aroclor-1232	37			UG/KG	37	U	U
P015	PZ	MND23	19921026	47	48	Aroclor-1232	36			UG/KG	36	U	U
402	MNW	34897	19940630	24	26	Aroclor-1242	39			UG/KG	39	U	U
P015	PZ	MND23	19921026	12	14	Aroclor-1242	38			UG/KG	38	U	U
P015	PZ	MND23	19921026	12	14	Aroclor-1242	38			UG/KG	38	U	U
402	MNW	34897	19940630	0	0.5	Aroclor-1242	37			UG/KG	37	U	U
P015	PZ	MND23	19921026	47	48	Aroclor-1242	36			UG/KG	36	U	U
402	MNW	34897	19940630	24	26	Aroclor-1248	39			UG/KG	39	U	U
P015	PZ	MND23	19921026	12	14	Aroclor-1248	38			UG/KG	38	U	U
P015	PZ	MND23	19921026	12	14	Aroclor-1248	38			UG/KG	38	U	U
402	MNW	34897	19940630	0	0.5	Aroclor-1248	37			UG/KG	37	U	U
P015	PZ	MND23	19921026	47	48	Aroclor-1248	36			UG/KG	36	U	U
402	MNW	34897	19940630	24	26	Aroclor-1254	39			UG/KG	39	U	U
P015	PZ	MND23	19921026	12	14	Aroclor-1254	38			UG/KG	38	U	U
P015	PZ	MND23	19921026	12	14	Aroclor-1254	38			UG/KG	38	U	U
402	MNW	34897	19940630	0	0.5	Aroclor-1254	37			UG/KG	37	U	U
P015	PZ	MND23	19921026	47	48	Aroclor-1254	36			UG/KG	36	U	U
402	MNW	34897	19940630	24	26	Aroclor-1260	39			UG/KG	39	U	U
P015	PZ	MND23	19921026	12	14	Aroclor-1260	38			UG/KG	38	U	U
P015	PZ	MND23	19921026	12	14	Aroclor-1260	38			UG/KG	38	U	U
402	MNW	34897	19940630	0	0.5	Aroclor-1260	37			UG/KG	37	U	U
P015	PZ	MND23	19921026	47	48	Aroclor-1260	36			UG/KG	36	U	U
353	MNW	MND20	19930202	4	5	Arsenic	6.2			MG/KG	2.15	U	
MND23-B002	Borehole	MND23	19921103	13	15	Arsenic	5.7			MG/KG	2	J	
P015	PZ	MND23	19921026	12	14	Arsenic	5.2			MG/KG	2.29	*	J
402	MNW	34897	19940630	0	0.5	Arsenic	5.1			MG/KG			S
P015	PZ	MND23	19921026	12	14	Arsenic	4.5			MG/KG	2.31	*	J
P015	PZ	MND23	19921026	47	48	Arsenic	4			MG/KG	1.49	*	J
402	MNW	34897	19940630	24	26	Arsenic	3.3			MG/KG			
353	MNW	MND20	19930208	16	16.5	Arsenic	2.3			MG/KG	2.12	U	
P015	PZ	MND23	19921026	12	14	Barium	41.9			MG/KG	45.8	B	
402	MNW	34897	19940630	0	0.5	Barium	40.4			MG/KG			
P015	PZ	MND23	19921026	12	14	Barium	34			MG/KG	45.8	B	
353	MNW	MND20	19930202	4	5	Barium	27			MG/KG	43	U	B
MND23-B002	Borehole	MND23	19921103	13	15	Barium	20			MG/KG	40		B
353	MNW	MND20	19930208	16	16.5	Barium	18.9			MG/KG	39.4	U	B
402	MNW	34897	19940630	24	26	Barium	14.2			MG/KG			
P015	PZ	MND23	19921026	47	48	Barium	11.4			MG/KG	178.8	B	U
MND23-B002	Borehole	MND23	19921103	3.5	5	Benzene	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Benzene	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Benzene	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	16.5	18	Benzene	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	21.5	23	Benzene	6			UG/KG	6	U	U
402	MNW	34897	19940630	0	0.5	Benzene	6			UG/KG	6	U	U
402	MNW	34897	19940630	24	26	Benzene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	12	14	Benzene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	12	14	Benzene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	54	55	Benzene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	4.5	5	Benzene	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	9.5	10	Benzene	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	47	48	Benzene	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	55.5	56	Benzene	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	19.5	20	Benzene	2			UG/KG	2	J	J
P015	PZ	MND23	19921026	21.5	22	Benzene	1			UG/KG	6	J	J
402	MNW	34897	19940630	24	26	Benzo(a)anthracene	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	Benzo(a)anthracene	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	Benzo(a)anthracene	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Benzo(a)anthracene	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Benzo(a)anthracene	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	Benzo(a)anthracene	360			UG/KG	360	U	U
402	MNW	34897	19940630	0	0.5	Benzo(a)anthracene	90			UG/KG		J	J
402	MNW	34897	19940630	24	26	Benzo(a)pyrene	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	Benzo(a)pyrene	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	Benzo(a)pyrene	380			UG/KG	380	U	U

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Location Name	Location Type	Project Code	Collection Date	Start depth	End depth	Analyte	Measured Value	RBGV	Screening Level	Units	Dectection Limit	Data Qualifer	Lab Qualifer
MND23-B002	Borehole	MND23	19921103	8	10	Benzo(a)pyrene	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Benzo(a)pyrene	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	Benzo(a)pyrene	360			UG/KG	360	U	U
402	MNW	34897	19940630	0	0.5	Benzo(a)pyrene	98			UG/KG		J	J
402	MNW	34897	19940630	24	26	Benzo(b)fluoranthene	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	Benzo(b)fluoranthene	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	Benzo(b)fluoranthene	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Benzo(b)fluoranthene	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Benzo(b)fluoranthene	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	Benzo(b)fluoranthene	360			UG/KG	360	U	U
402	MNW	34897	19940630	0	0.5	Benzo(b)fluoranthene	160			UG/KG		J	J
402	MNW	34897	19940630	24	26	Benzo(g,h,i)perylene	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	Benzo(g,h,i)perylene	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	Benzo(g,h,i)perylene	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Benzo(g,h,i)perylene	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Benzo(g,h,i)perylene	370			UG/KG	370	U	U
402	MNW	34897	19940630	0	0.5	Benzo(g,h,i)perylene	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	Benzo(g,h,i)perylene	360			UG/KG	360	U	U
402	MNW	34897	19940630	24	26	Benzo(k)fluoranthene	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	Benzo(k)fluoranthene	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	Benzo(k)fluoranthene	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Benzo(k)fluoranthene	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Benzo(k)fluoranthene	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	Benzo(k)fluoranthene	360			UG/KG	360	U	U
402	MNW	34897	19940630	0	0.5	Benzo(k)fluoranthene	320			UG/KG		J	J
402	MNW	34897	19940630	24	26	Benzoic Acid	1900			UG/KG	1900	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Benzoic Acid	1800			UG/KG	1800	UJ	U
MND23-B002	Borehole	MND23	19921103	13	15	Benzoic Acid	1800			UG/KG	1800	U	U
402	MNW	34897	19940630	0	0.5	Benzoic Acid	1800			UG/KG	1800	U	JB
P015	PZ	MND23	19921026	12	14	Benzoic Acid	1800			UG/KG	1800	U	UJ
P015	PZ	MND23	19921026	47	48	Benzoic Acid	1700			UG/KG	1700	U	U
P015	PZ	MND23	19921026	12	14	Benzoic Acid	49			UG/KG	1600	J	J
402	MNW	34897	19940630	24	26	Benzyl Alcohol	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	Benzyl Alcohol	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	Benzyl Alcohol	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Benzyl Alcohol	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Benzyl Alcohol	370			UG/KG	370	U	U
402	MNW	34897	19940630	0	0.5	Benzyl Alcohol	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	Benzyl Alcohol	360			UG/KG	360	U	U
P015	PZ	MND23	19921026	47	48	Beryllium	1.8			MG/KG	3.58	U	U
P015	PZ	MND23	19921026	12	14	Beryllium	0.57			MG/KG	0.92	U	U
P015	PZ	MND23	19921026	12	14	Beryllium	0.57			MG/KG	0.92	U	U
353	MNW	MND20	19930202	4	5	Beryllium	0.43			MG/KG	0.86	U	U
402	MNW	34897	19940630	0	0.5	Beryllium	0.35			MG/KG	0.35	U	
402	MNW	34897	19940630	24	26	Beryllium	0.066			MG/KG	0.066	U	U
402	MNW	34897	19940630	24	26	Beta-BHC	2			UG/KG	2	U	U
P015	PZ	MND23	19921026	12	14	Beta-BHC	2			UG/KG	2	U	U
P015	PZ	MND23	19921026	12	14	Beta-BHC	2			UG/KG	2	U	U
402	MNW	34897	19940630	0	0.5	Beta-BHC	1.9			UG/KG	1.9	U	U
P015	PZ	MND23	19921026	47	48	Beta-BHC	1.8			UG/KG	1.8	U	U
402	MNW	34897	19940630	24	26	Bis(2-chloroethoxy)methane	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	Bis(2-chloroethoxy)methane	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	Bis(2-chloroethoxy)methane	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Bis(2-chloroethoxy)methane	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Bis(2-chloroethoxy)methane	370			UG/KG	370	U	U
402	MNW	34897	19940630	0	0.5	Bis(2-chloroethoxy)methane	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	Bis(2-chloroethoxy)methane	360			UG/KG	360	U	U
402	MNW	34897	19940630	24	26	Bis(2-chloroethyl)ether	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	Bis(2-chloroethyl)ether	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	Bis(2-chloroethyl)ether	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Bis(2-chloroethyl)ether	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Bis(2-chloroethyl)ether	370			UG/KG	370	U	U
402	MNW	34897	19940630	0	0.5	Bis(2-chloroethyl)ether	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	Bis(2-chloroethyl)ether	360			UG/KG	360	U	U
402	MNW	34897	19940630	24	26	Bis(2-ethylhexyl)phthalate	390			UG/KG	390	U	JB
P015	PZ	MND23	19921026	12	14	Bis(2-ethylhexyl)phthalate	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Bis(2-ethylhexyl)phthalate	370			UG/KG	370	U	U
402	MNW	34897	19940630	0	0.5	Bis(2-ethylhexyl)phthalate	370			UG/KG	370	U	JB
P015	PZ	MND23	19921026	12	14	Bis(2-ethylhexyl)phthalate	120			UG/KG	380	J	J
MND23-B002	Borehole	MND23	19921103	8	10	Bis(2-ethylhexyl)phthalate	70			UG/KG	370	J	J
P015	PZ	MND23	19921026	47	48	Bis(2-ethylhexyl)phthalate	56			UG/KG	360	J	J

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Location Name	Location Type	Project Code	Collection Date	Start depth	End depth	Analyte	Measured Value	RBGV	Screening Level	Units	Dectection Limit	Data Qualifer	Lab Qualifer
402	MNW	34897	19940630	0	0.5	Bismuth	11.2			MG/KG			
353	MNW	MND20	19930202	4	5	Bismuth	10.8			MG/KG	32.3	UJ	U
353	MNW	MND20	19930208	16	16.5	Bismuth	9.8			MG/KG	9.8	UJ	U
402	MNW	34897	19940630	24	26	Bismuth	3.7			MG/KG	3.7	U	U
P015	PZ	MND23	19921026	12	14	Bismuth	2			MG/KG	34.4	B	
P015	PZ	MND23	19921026	12	14	Bismuth	1.2			MG/KG	34.7	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Bismuth	1			MG/KG	31	U	U
P015	PZ	MND23	19921026	47	48	Bismuth	0.75			MG/KG	22.4	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Bismuth-207	0.0766			PCI/G	0.0766	U	U
353	MNW	MND20	19930208	16	16.5	Bismuth-207	0.065			PCI/G	0.065	U	U
353	MNW	MND20	19930202	4	5	Bismuth-207	0.0639			PCI/G	0.0639	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Bismuth-207	0.0514			PCI/G	0.0514	U	U
402	MNW	34897	19940630	0	0.5	Bismuth-207	0.04			PCI/G	0.04	U	U
402	MNW	34897	19940630	24	26	Bismuth-207	0.03			PCI/G	0.03	U	U
P015	PZ	MND23	19921026	12	14	Bismuth-207	0.0229			PCI/G	0.0229	U	U
P015	PZ	MND23	19921026	12	14	Bismuth-207	0.0228			PCI/G	0.0228	U	U
P015	PZ	MND23	19921026	47	48	Bismuth-207	0.0165			PCI/G	0.0165	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Bismuth-210	0.0928			PCI/G	0.0928	U	U
353	MNW	MND20	19930202	4	5	Bismuth-210	0.0869			PCI/G	0.0869	U	U
353	MNW	MND20	19930208	16	16.5	Bismuth-210	0.0833			PCI/G	0.0833	U	U
402	MNW	34897	19940630	0	0.5	Bismuth-210	0.07			PCI/G	0.07	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Bismuth-210	0.0691			PCI/G	0.0691	U	U
402	MNW	34897	19940630	24	26	Bismuth-210	0.05			PCI/G	0.05	U	U
P015	PZ	MND23	19921026	12	14	Bismuth-210	0.0344			PCI/G	0.0344	U	U
P015	PZ	MND23	19921026	12	14	Bismuth-210	0.0343			PCI/G	0.0343	U	U
P015	PZ	MND23	19921026	47	48	Bismuth-210	0.0278			PCI/G	0.0278	U	U
MND23-B002	Borehole	MND23	19921103	3.5	5	Bromodichloromethane	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Bromodichloromethane	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Bromodichloromethane	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	16.5	18	Bromodichloromethane	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	21.5	23	Bromodichloromethane	6			UG/KG	6	U	U
402	MNW	34897	19940630	0	0.5	Bromodichloromethane	6			UG/KG	6	U	U
402	MNW	34897	19940630	24	26	Bromodichloromethane	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	12	14	Bromodichloromethane	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	12	14	Bromodichloromethane	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	19.5	20	Bromodichloromethane	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	21.5	22	Bromodichloromethane	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	54	55	Bromodichloromethane	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	4.5	5	Bromodichloromethane	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	9.5	10	Bromodichloromethane	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	47	48	Bromodichloromethane	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	55.5	56	Bromodichloromethane	5			UG/KG	5	U	U
MND23-B002	Borehole	MND23	19921103	3.5	5	Bromoform	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Bromoform	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Bromoform	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	16.5	18	Bromoform	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	21.5	23	Bromoform	6			UG/KG	6	U	U
402	MNW	34897	19940630	0	0.5	Bromoform	6			UG/KG	6	U	U
402	MNW	34897	19940630	24	26	Bromoform	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	12	14	Bromoform	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	12	14	Bromoform	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	19.5	20	Bromoform	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	21.5	22	Bromoform	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	54	55	Bromoform	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	4.5	5	Bromoform	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	9.5	10	Bromoform	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	47	48	Bromoform	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	55.5	56	Bromoform	5			UG/KG	5	U	U
MND23-B002	Borehole	MND23	19921103	3.5	5	Bromomethane	12			UG/KG	12	U	U
MND23-B002	Borehole	MND23	19921103	21.5	23	Bromomethane	12			UG/KG	12	U	U
402	MNW	34897	19940630	24	26	Bromomethane	12			UG/KG	12	U	U
P015	PZ	MND23	19921026	12	14	Bromomethane	12			UG/KG	12	U	U
P015	PZ	MND23	19921026	12	14	Bromomethane	12			UG/KG	12	U	U
P015	PZ	MND23	19921026	19.5	20	Bromomethane	12			UG/KG	12	U	U
P015	PZ	MND23	19921026	21.5	22	Bromomethane	12			UG/KG	12	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Bromomethane	11			UG/KG	11	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Bromomethane	11			UG/KG	11	U	U
MND23-B002	Borehole	MND23	19921103	16.5	18	Bromomethane	11			UG/KG	11	U	U
402	MNW	34897	19940630	0	0.5	Bromomethane	11			UG/KG	11	U	U
P015	PZ	MND23	19921026	4.5	5	Bromomethane	11			UG/KG	11	U	U
P015	PZ	MND23	19921026	9.5	10	Bromomethane	11			UG/KG	11	U	U

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Location Name	Location Type	Project Code	Collection Date	Start depth	End depth	Analyte	Measured Value	RBGV	Screening Level	Units	Dectection Limit	Data Qualifer	Lab Qualifer
P015	PZ	MND23	19921026	47	48	Bromomethane	11			UG/KG	11	U	U
P015	PZ	MND23	19921026	54	55	Bromomethane	11			UG/KG	11	U	U
P015	PZ	MND23	19921026	55.5	56	Bromomethane	11			UG/KG	11	U	U
402	MNW	34897	19940630	24	26	Butyl Benzyl Phthalate	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	Butyl Benzyl Phthalate	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Butyl Benzyl Phthalate	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Butyl Benzyl Phthalate	370			UG/KG	370	U	U
402	MNW	34897	19940630	0	0.5	Butyl Benzyl Phthalate	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	Butyl Benzyl Phthalate	360			UG/KG	360	U	U
P015	PZ	MND23	19921026	12	14	Butyl Benzyl Phthalate	59			UG/KG	330	J	J
P015	PZ	MND23	19921026	47	48	Cadmium	4.5			MG/KG	4.5	U	U
353	MNW	MND20	19930202	4	5	Cadmium	1.1			MG/KG	1.1	U	U
P015	PZ	MND23	19921026	12	14	Cadmium	1.1			MG/KG	1.15	U	U
P015	PZ	MND23	19921026	12	14	Cadmium	1.1			MG/KG	1.15	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Cadmium	0.99			MG/KG	0.99	U	U
353	MNW	MND20	19930208	16	16.5	Cadmium	0.98			MG/KG	0.98	U	U
402	MNW	34897	19940630	24	26	Cadmium	0.2			MG/KG	0.2	U	U
402	MNW	34897	19940630	0	0.5	Cadmium	0.19			MG/KG	0.19	U	U
P015	PZ	MND23	19921026	47	48	Calcium	166000			MG/KG	4469	*	J
402	MNW	34897	19940630	24	26	Calcium	127000			MG/KG		J	
353	MNW	MND20	19930202	4	5	Calcium	111000			MG/KG	1076	U	
MND23-B002	Borehole	MND23	19921103	13	15	Calcium	102000			MG/KG	992	J	*
353	MNW	MND20	19930208	16	16.5	Calcium	99100			MG/KG	984	U	*
402	MNW	34897	19940630	0	0.5	Calcium	88500			MG/KG		J	
P015	PZ	MND23	19921026	12	14	Calcium	88200			MG/KG	1146	*	J
P015	PZ	MND23	19921026	12	14	Calcium	87200			MG/KG	1146	*	J
402	MNW	34897	19940630	24	26	Carbazole	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	Carbazole	380			UG/KG	380	U	UJ
P015	PZ	MND23	19921026	12	14	Carbazole	380			UG/KG	380	U	UJ
MND23-B002	Borehole	MND23	19921103	8	10	Carbazole	370			UG/KG	370	UJ	U
MND23-B002	Borehole	MND23	19921103	13	15	Carbazole	370			UG/KG	370	UJ	U
402	MNW	34897	19940630	0	0.5	Carbazole	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	Carbazole	360			UG/KG	360	U	UJ
MND23-B002	Borehole	MND23	19921103	3.5	5	Carbon Disulfide	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Carbon Disulfide	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Carbon Disulfide	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	16.5	18	Carbon Disulfide	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	21.5	23	Carbon Disulfide	6			UG/KG	6	U	U
402	MNW	34897	19940630	0	0.5	Carbon Disulfide	6			UG/KG	6	U	U
402	MNW	34897	19940630	24	26	Carbon Disulfide	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	12	14	Carbon Disulfide	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	12	14	Carbon Disulfide	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	19.5	20	Carbon Disulfide	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	21.5	22	Carbon Disulfide	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	54	55	Carbon Disulfide	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	4.5	5	Carbon Disulfide	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	9.5	10	Carbon Disulfide	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	47	48	Carbon Disulfide	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	55.5	56	Carbon Disulfide	5			UG/KG	5	U	U
MND23-B002	Borehole	MND23	19921103	3.5	5	Carbon Tetrachloride	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Carbon Tetrachloride	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Carbon Tetrachloride	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	16.5	18	Carbon Tetrachloride	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	21.5	23	Carbon Tetrachloride	6			UG/KG	6	U	U
402	MNW	34897	19940630	0	0.5	Carbon Tetrachloride	6			UG/KG	6	U	U
402	MNW	34897	19940630	24	26	Carbon Tetrachloride	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	12	14	Carbon Tetrachloride	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	12	14	Carbon Tetrachloride	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	19.5	20	Carbon Tetrachloride	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	21.5	22	Carbon Tetrachloride	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	54	55	Carbon Tetrachloride	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	4.5	5	Carbon Tetrachloride	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	9.5	10	Carbon Tetrachloride	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	47	48	Carbon Tetrachloride	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	55.5	56	Carbon Tetrachloride	5			UG/KG	5	U	U
S0880	Surface	RSS	19840801	0	0	Cesium-137	0.5			PCI/G	0.5		U
S0881	Surface	RSS	19841001	0	0	Cesium-137	0.5			PCI/G	0.5		U
MND23-B002	Borehole	MND23	19921103	8	10	Cesium-137	0.0834			PCI/G	0.0834	U	U
353	MNW	MND20	19930202	4	5	Cesium-137	0.0792			PCI/G	0.0792	U	U
353	MNW	MND20	19930208	16	16.5	Cesium-137	0.0747			PCI/G	0.0747	U	U
402	MNW	34897	19940630	0	0.5	Cesium-137	0.06			PCI/G	0.06	U	U

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Location Name	Location Type	Project Code	Collection Date	Start depth	End depth	Analyte	Measured Value	RBGV	Screening Level	Units	Dectection Limit	Data Qualifer	Lab Qualifer
MND23-B002	Borehole	MND23	19921103	13	15	Cesium-137	0.0588			PCI/G	0.0588	U	U
4814	Surface	SPOILS2001	20010430	0	0	Cesium-137	0.05			PCI/G	0.05		U
4819	Surface	SPOILS2001	20010403	0	0	Cesium-137	0.04			PCI/G	0.04		U
402	MNW	34897	19940630	24	26	Cesium-137	0.04			PCI/G	0.04	U	U
P015	PZ	MND23	19921026	12	14	Cesium-137	0.0327			PCI/G	0.0327	U	U
4799	Surface	SPOILS2001	20010403	0	0	Cesium-137	0.03			PCI/G	0.03		U
4801	Surface	SPOILS2001	20010403	0	0	Cesium-137	0.03			PCI/G	0.03		U
4803	Surface	SPOILS2001	20010403	0	0	Cesium-137	0.03	0.34	0.76	PCI/G	0.01		
4804	Surface	SPOILS2001	20010403	0	0	Cesium-137	0.03	0.34	0.76	PCI/G	0.02		
4805	Surface	SPOILS2001	20010403	0	0	Cesium-137	0.03	0.34	0.76	PCI/G	0.01		
4810	Surface	SPOILS2001	20010403	0	0	Cesium-137	0.03			PCI/G	0.03		U
4817	Surface	SPOILS2001	20010403	0	0	Cesium-137	0.03			PCI/G	0.03		U
4818	Surface	SPOILS2001	20010403	0	0	Cesium-137	0.03			PCI/G	0.03		U
P015	PZ	MND23	19921026	12	14	Cesium-137	0.0238	0.34	0.76	PCI/G	0		
P015	PZ	MND23	19921026	47	48	Cesium-137	0.0234			PCI/G	0.0234	U	U
4796	Surface	SPOILS2001	20010403	0	0	Cesium-137	0.02	0.34	0.76	PCI/G	0.01		
4797	Surface	SPOILS2001	20010403	0	0	Cesium-137	0.02	0.34	0.76	PCI/G	0.01		
4798	Surface	SPOILS2001	20010403	0	0	Cesium-137	0.02			PCI/G	0.02		U
4800	Surface	SPOILS2001	20010403	0	0	Cesium-137	0.02			PCI/G	0.02		U
4808	Surface	SPOILS2001	20010403	0	0	Cesium-137	0.02			PCI/G	0.02		U
4809	Surface	SPOILS2001	20010403	0	0	Cesium-137	0.02			PCI/G	0.02		U
4811	Surface	SPOILS2001	20010403	0	0	Cesium-137	0.02			PCI/G	0.02		U
4812	Surface	SPOILS2001	20010403	0	0	Cesium-137	0.02	0.34	0.76	PCI/G	0.01		
4813	Surface	SPOILS2001	20010403	0	0	Cesium-137	0.02			PCI/G	0.02		U
4815	Surface	SPOILS2001	20010403	0	0	Cesium-137	0.02			PCI/G	0.02		U
4816	Surface	SPOILS2001	20010403	0	0	Cesium-137	0.02			PCI/G	0.02		U
4820	Surface	SPOILS2001	20010403	0	0	Cesium-137	0.02	0.34	0.76	PCI/G	0.01		
4821	Surface	SPOILS2001	20010403	0	0	Cesium-137	0.02			PCI/G	0.02		U
4822	Surface	SPOILS2001	20010403	0	0	Cesium-137	0.02			PCI/G	0.02		U
4823	Surface	SPOILS2001	20010403	0	0	Cesium-137	0.02			PCI/G	0.02		U
4825	Surface	SPOILS2001	20010403	0	0	Cesium-137	0.02	0.34	0.76	PCI/G	0.01		
4826	Surface	SPOILS2001	20010403	0	0	Cesium-137	0.02	0.34	0.76	PCI/G	0.01		
4802	Surface	SPOILS2001	20010403	0	0	Cesium-137	0.01			PCI/G	0.01		U
4806	Surface	SPOILS2001	20010403	0	0	Cesium-137	0.01			PCI/G	0.01		U
4807	Surface	SPOILS2001	20010403	0	0	Cesium-137	0.01			PCI/G	0.01		U
4824	Surface	SPOILS2001	20010403	0	0	Cesium-137	0.01			PCI/G	0.01		U
4827	Surface	SPOILS2001	20010403	0	0	Cesium-137	0.01			PCI/G	0.01		U
4828	Surface	SPOILS2001	20010403	0	0	Cesium-137	0.01			PCI/G	0.01		U
4829	Surface	SPOILS2001	20010403	0	0	Cesium-137	0.01			PCI/G	0.01		U
P015	PZ	MND23	19921026	12	14	Chloride	76.3			MG/KG	5.79		
P015	PZ	MND23	19921026	12	14	Chloride	58.2			MG/KG	5.79		
P015	PZ	MND23	19921026	47	48	Chloride	38.9			MG/KG	5.45		
402	MNW	34897	19940630	24	26	Chloride	33.6			MG/KG		J	
353	MNW	MND20	19930208	16	16.5	Chloride	25.8			MG/KG	5.51	U	
353	MNW	MND20	19930202	4	5	Chloride	24.62			MG/KG	5.59	U	
MND23-B002	Borehole	MND23	19921103	13	15	Chloride	16			MG/KG	5.61		
402	MNW	34897	19940630	0	0.5	Chloride	3			MG/KG	3	UJ	U
MND23-B002	Borehole	MND23	19921103	3.5	5	Chlorobenzene	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Chlorobenzene	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Chlorobenzene	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	16.5	18	Chlorobenzene	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	21.5	23	Chlorobenzene	6			UG/KG	6	U	U
402	MNW	34897	19940630	0	0.5	Chlorobenzene	6			UG/KG	6	U	U
402	MNW	34897	19940630	24	26	Chlorobenzene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	12	14	Chlorobenzene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	12	14	Chlorobenzene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	19.5	20	Chlorobenzene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	21.5	22	Chlorobenzene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	54	55	Chlorobenzene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	4.5	5	Chlorobenzene	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	9.5	10	Chlorobenzene	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	47	48	Chlorobenzene	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	55.5	56	Chlorobenzene	5			UG/KG	5	U	U
MND23-B002	Borehole	MND23	19921103	3.5	5	Chloroethane	12			UG/KG	12	U	U
MND23-B002	Borehole	MND23	19921103	21.5	23	Chloroethane	12			UG/KG	12	U	U
402	MNW	34897	19940630	24	26	Chloroethane	12			UG/KG	12	U	U
P015	PZ	MND23	19921026	12	14	Chloroethane	12			UG/KG	12	U	U
P015	PZ	MND23	19921026	12	14	Chloroethane	12			UG/KG	12	U	U
P015	PZ	MND23	19921026	19.5	20	Chloroethane	12			UG/KG	12	U	U
P015	PZ	MND23	19921026	21.5	22	Chloroethane	12			UG/KG	12	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Chloroethane	11			UG/KG	11	U	U

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Location Name	Location Type	Project Code	Collection Date	Start depth	End depth	Analyte	Measured Value	RBGV	Screening Level	Units	Dectection Limit	Data Qualifer	Lab Qualifer
MND23-B002	Borehole	MND23	19921103	13	15	Chloroethane	11			UG/KG	11	U	U
MND23-B002	Borehole	MND23	19921103	16.5	18	Chloroethane	11			UG/KG	11	U	U
402	MNW	34897	19940630	0	0.5	Chloroethane	11			UG/KG	11	U	U
P015	PZ	MND23	19921026	4.5	5	Chloroethane	11			UG/KG	11	U	U
P015	PZ	MND23	19921026	9.5	10	Chloroethane	11			UG/KG	11	U	U
P015	PZ	MND23	19921026	47	48	Chloroethane	11			UG/KG	11	U	U
P015	PZ	MND23	19921026	54	55	Chloroethane	11			UG/KG	11	U	U
P015	PZ	MND23	19921026	55.5	56	Chloroethane	11			UG/KG	11	U	U
MND23-B002	Borehole	MND23	19921103	3.5	5	Chloroform	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Chloroform	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	16.5	18	Chloroform	6			UG/KG	6	U	U
402	MNW	34897	19940630	0	0.5	Chloroform	6			UG/KG	6	U	U
402	MNW	34897	19940630	24	26	Chloroform	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	12	14	Chloroform	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	12	14	Chloroform	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	19.5	20	Chloroform	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	21.5	22	Chloroform	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	54	55	Chloroform	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	21.5	23	Chloroform	5			UG/KG	6	J	J
P015	PZ	MND23	19921026	4.5	5	Chloroform	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	9.5	10	Chloroform	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	47	48	Chloroform	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	55.5	56	Chloroform	5			UG/KG	5	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Chloroform	4			UG/KG	6	J	J
MND23-B002	Borehole	MND23	19921103	3.5	5	Chloromethane	12			UG/KG	12	U	U
MND23-B002	Borehole	MND23	19921103	21.5	23	Chloromethane	12			UG/KG	12	U	U
402	MNW	34897	19940630	24	26	Chloromethane	12			UG/KG	12	U	U
P015	PZ	MND23	19921026	12	14	Chloromethane	12			UG/KG	12	U	U
P015	PZ	MND23	19921026	12	14	Chloromethane	12			UG/KG	12	U	U
P015	PZ	MND23	19921026	19.5	20	Chloromethane	12			UG/KG	12	U	U
P015	PZ	MND23	19921026	21.5	22	Chloromethane	12			UG/KG	12	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Chloromethane	11			UG/KG	11	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Chloromethane	11			UG/KG	11	U	U
MND23-B002	Borehole	MND23	19921103	16.5	18	Chloromethane	11			UG/KG	11	U	U
402	MNW	34897	19940630	0	0.5	Chloromethane	11			UG/KG	11	U	U
P015	PZ	MND23	19921026	4.5	5	Chloromethane	11			UG/KG	11	U	U
P015	PZ	MND23	19921026	9.5	10	Chloromethane	11			UG/KG	11	U	U
P015	PZ	MND23	19921026	47	48	Chloromethane	11			UG/KG	11	U	U
P015	PZ	MND23	19921026	54	55	Chloromethane	11			UG/KG	11	U	U
P015	PZ	MND23	19921026	55.5	56	Chloromethane	11			UG/KG	11	U	U
P015	PZ	MND23	19921026	12	14	Chromium	12.3			MG/KG	2.29		
P015	PZ	MND23	19921026	12	14	Chromium	11.8			MG/KG	2.29		
353	MNW	MND20	19930202	4	5	Chromium	8.9			MG/KG	2.15	U	
P015	PZ	MND23	19921026	47	48	Chromium	8.9			MG/KG	8.94	U	U
402	MNW	34897	19940630	0	0.5	Chromium	8.1			MG/KG			
MND23-B002	Borehole	MND23	19921103	13	15	Chromium	7.4			MG/KG	2		
353	MNW	MND20	19930208	16	16.5	Chromium	6.9			MG/KG	1.97	U	
402	MNW	34897	19940630	24	26	Chromium	4.4			MG/KG			
402	MNW	34897	19940630	24	26	Chrysene	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	Chrysene	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	Chrysene	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Chrysene	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Chrysene	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	Chrysene	360			UG/KG	360	U	U
402	MNW	34897	19940630	0	0.5	Chrysene	84			UG/KG		J	J
P015	PZ	MND23	19921026	12	14	Cobalt	9.7			MG/KG	11.5	B	
P015	PZ	MND23	19921026	47	48	Cobalt	8.9			MG/KG	44.7	U	U
P015	PZ	MND23	19921026	12	14	Cobalt	7.5			MG/KG	11.46	B	
402	MNW	34897	19940630	0	0.5	Cobalt	6.6			MG/KG			
353	MNW	MND20	19930202	4	5	Cobalt	4.6			MG/KG	10.8	U	B
MND23-B002	Borehole	MND23	19921103	13	15	Cobalt	3.7			MG/KG	10		B
402	MNW	34897	19940630	24	26	Cobalt	3.7			MG/KG			
353	MNW	MND20	19930208	16	16.5	Cobalt	3.4			MG/KG	9.8	U	B
S0880	Surface	RSS	19840801	0	0	Cobalt-60	0.5			PCI/G	0.5		U
S0881	Surface	RSS	19841001	0	0	Cobalt-60	0.5			PCI/G	0.5		U
353	MNW	MND20	19930202	4	5	Cobalt-60	0.123			PCI/G	0.123	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Cobalt-60	0.11			PCI/G	0.11	U	U
353	MNW	MND20	19930208	16	16.5	Cobalt-60	0.108			PCI/G	0.108	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Cobalt-60	0.0852			PCI/G	0.0852	U	U
4819	Surface	SPOILS2001	20010403	0	0	Cobalt-60	0.05			PCI/G	0.05		U
402	MNW	34897	19940630	0	0.5	Cobalt-60	0.05			PCI/G	0.05	U	U

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Location Name	Location Type	Project Code	Collection Date	Start depth	End depth	Analyte	Measured Value	RBGV	Screening Level	Units	Dectection Limit	Data Qualifer	Lab Qualifer
P015	PZ	MND23	19921026	12	14	Cobalt-60	0.0409			PCI/G	0.0409	U	U
4810	Surface	SPOILS2001	20010403	0	0	Cobalt-60	0.04			PCI/G	0.04		U
4814	Surface	SPOILS2001	20010430	0	0	Cobalt-60	0.04			PCI/G	0.04		U
4817	Surface	SPOILS2001	20010403	0	0	Cobalt-60	0.04			PCI/G	0.04		U
402	MNW	34897	19940630	24	26	Cobalt-60	0.04			PCI/G	0.04	U	U
P015	PZ	MND23	19921026	12	14	Cobalt-60	0.0395			PCI/G	0.0395	U	U
4799	Surface	SPOILS2001	20010403	0	0	Cobalt-60	0.03			PCI/G	0.03		U
4800	Surface	SPOILS2001	20010403	0	0	Cobalt-60	0.03			PCI/G	0.03		U
4801	Surface	SPOILS2001	20010403	0	0	Cobalt-60	0.03			PCI/G	0.03		U
4808	Surface	SPOILS2001	20010403	0	0	Cobalt-60	0.03			PCI/G	0.03		U
4816	Surface	SPOILS2001	20010403	0	0	Cobalt-60	0.03			PCI/G	0.03		U
P015	PZ	MND23	19921026	47	48	Cobalt-60	0.0249			PCI/G	0.0249	U	U
4796	Surface	SPOILS2001	20010403	0	0	Cobalt-60	0.02			PCI/G	0.02		U
4798	Surface	SPOILS2001	20010403	0	0	Cobalt-60	0.02			PCI/G	0.02		U
4804	Surface	SPOILS2001	20010403	0	0	Cobalt-60	0.02			PCI/G	0.02		U
4809	Surface	SPOILS2001	20010403	0	0	Cobalt-60	0.02			PCI/G	0.02		U
4811	Surface	SPOILS2001	20010403	0	0	Cobalt-60	0.02			PCI/G	0.02		U
4812	Surface	SPOILS2001	20010403	0	0	Cobalt-60	0.02			PCI/G	0.02		U
4813	Surface	SPOILS2001	20010403	0	0	Cobalt-60	0.02			PCI/G	0.02		U
4815	Surface	SPOILS2001	20010403	0	0	Cobalt-60	0.02			PCI/G	0.02		U
4818	Surface	SPOILS2001	20010403	0	0	Cobalt-60	0.02			PCI/G	0.02		U
4820	Surface	SPOILS2001	20010403	0	0	Cobalt-60	0.02			PCI/G	0.02		U
4821	Surface	SPOILS2001	20010403	0	0	Cobalt-60	0.02			PCI/G	0.02		U
4822	Surface	SPOILS2001	20010403	0	0	Cobalt-60	0.02			PCI/G	0.02		U
4823	Surface	SPOILS2001	20010403	0	0	Cobalt-60	0.02			PCI/G	0.02		U
4825	Surface	SPOILS2001	20010403	0	0	Cobalt-60	0.02			PCI/G	0.02		U
4824	Surface	SPOILS2001	20010403	0	0	Cobalt-60	0.02			PCI/G	0.02		U
4826	Surface	SPOILS2001	20010403	0	0	Cobalt-60	0.02			PCI/G	0.02		U
4797	Surface	SPOILS2001	20010403	0	0	Cobalt-60	0.01			PCI/G	0.01		U
4802	Surface	SPOILS2001	20010403	0	0	Cobalt-60	0.01			PCI/G	0.01		U
4803	Surface	SPOILS2001	20010403	0	0	Cobalt-60	0.01			PCI/G	0.01		U
4805	Surface	SPOILS2001	20010403	0	0	Cobalt-60	0.01			PCI/G	0.01		U
4806	Surface	SPOILS2001	20010403	0	0	Cobalt-60	0.01			PCI/G	0.01		U
4807	Surface	SPOILS2001	20010403	0	0	Cobalt-60	0.01			PCI/G	0.01		U
4827	Surface	SPOILS2001	20010403	0	0	Cobalt-60	0.01			PCI/G	0.01		U
4828	Surface	SPOILS2001	20010403	0	0	Cobalt-60	0.01			PCI/G	0.01		U
4829	Surface	SPOILS2001	20010403	0	0	Cobalt-60	0.01			PCI/G	0.01		U
P015	PZ	MND23	19921026	12	14	Copper	18.5			MG/KG	5.73		
MND23-B002	Borehole	MND23	19921103	13	15	Copper	17.1			MG/KG	5		
P015	PZ	MND23	19921026	12	14	Copper	16.8			MG/KG	5.73		J
402	MNW	34897	19940630	0	0.5	Copper	11.8			MG/KG			
353	MNW	MND20	19930202	4	5	Copper	11.4			MG/KG	5.38	U	
353	MNW	MND20	19930208	16	16.5	Copper	10.6			MG/KG	4.92	U	
P015	PZ	MND23	19921026	47	48	Copper	8.9			MG/KG	22.4	U	U
402	MNW	34897	19940630	24	26	Copper	7.8			MG/KG			
402	MNW	34897	19940630	24	26	Cyanide	0.6			MG/KG	0.6	U	U
402	MNW	34897	19940630	0	0.5	Cyanide	0.57			MG/KG	0.57	U	U
353	MNW	MND20	19930202	4	5	Cyanide	0.11			MG/KG	2.09	U	U
353	MNW	MND20	19930208	16	16.5	Cyanide	0.11			MG/KG	0.11	U	U
402	MNW	34897	19940630	24	26	Delta-BHC	2			UG/KG	2	U	U
P015	PZ	MND23	19921026	12	14	Delta-BHC	2			UG/KG	2	U	U
P015	PZ	MND23	19921026	12	14	Delta-BHC	2			UG/KG	2	U	U
402	MNW	34897	19940630	0	0.5	Delta-BHC	1.9			UG/KG	1.9	U	U
P015	PZ	MND23	19921026	47	48	Delta-BHC	1.8			UG/KG	1.8	U	U
402	MNW	34897	19940630	24	26	Dibenz(a,h)anthracene	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	Dibenz(a,h)anthracene	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	Dibenz(a,h)anthracene	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Dibenz(a,h)anthracene	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Dibenz(a,h)anthracene	370			UG/KG	370	U	U
402	MNW	34897	19940630	0	0.5	Dibenz(a,h)anthracene	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	Dibenz(a,h)anthracene	360			UG/KG	360	U	U
402	MNW	34897	19940630	24	26	Dibenzofuran	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	Dibenzofuran	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	Dibenzofuran	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Dibenzofuran	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Dibenzofuran	370			UG/KG	370	U	U
402	MNW	34897	19940630	0	0.5	Dibenzofuran	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	Dibenzofuran	360			UG/KG	360	U	U
MND23-B002	Borehole	MND23	19921103	3.5	5	Dibromochloromethane	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Dibromochloromethane	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Dibromochloromethane	6			UG/KG	6	U	U

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Location Name	Location Type	Project Code	Collection Date	Start depth	End depth	Analyte	Measured Value	RBGV	Screening Level	Units	Dectection Limit	Data Qualifer	Lab Qualifer
MND23-B002	Borehole	MND23	19921103	16.5	18	Dibromochloromethane	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	21.5	23	Dibromochloromethane	6			UG/KG	6	U	U
402	MNW	34897	19940630	0	0.5	Dibromochloromethane	6			UG/KG	6	U	U
402	MNW	34897	19940630	24	26	Dibromochloromethane	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	12	14	Dibromochloromethane	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	12	14	Dibromochloromethane	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	19.5	20	Dibromochloromethane	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	21.5	22	Dibromochloromethane	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	54	55	Dibromochloromethane	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	4.5	5	Dibromochloromethane	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	9.5	10	Dibromochloromethane	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	47	48	Dibromochloromethane	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	55.5	56	Dibromochloromethane	5			UG/KG	5	U	U
402	MNW	34897	19940630	24	26	Dichloromethane (Methylene Chlorid	14			UG/KG	14	U	B
402	MNW	34897	19940630	0	0.5	Dichloromethane (Methylene Chlorid	11			UG/KG	11	U	B
MND23-B002	Borehole	MND23	19921103	13	15	Dichloromethane (Methylene Chlorid	7			UG/KG	6	U	B
MND23-B002	Borehole	MND23	19921103	16.5	18	Dichloromethane (Methylene Chlorid	7			UG/KG	6	U	B
P015	PZ	MND23	19921026	4.5	5	Dichloromethane (Methylene Chlorid	7			UG/KG	5	B	U
MND23-B002	Borehole	MND23	19921103	3.5	5	Dichloromethane (Methylene Chlorid	6			UG/KG	6	U	B
MND23-B002	Borehole	MND23	19921103	8	10	Dichloromethane (Methylene Chlorid	6			UG/KG	6	U	JB
MND23-B002	Borehole	MND23	19921103	21.5	23	Dichloromethane (Methylene Chlorid	6			UG/KG	6	U	JB
P015	PZ	MND23	19921026	12	14	Dichloromethane (Methylene Chlorid	6			UG/KG	6	JB	U
P015	PZ	MND23	19921026	12	14	Dichloromethane (Methylene Chlorid	6			UG/KG	6	B	U
P015	PZ	MND23	19921026	19.5	20	Dichloromethane (Methylene Chlorid	6			UG/KG	6	JB	U
P015	PZ	MND23	19921026	21.5	22	Dichloromethane (Methylene Chlorid	6			UG/KG	6	JB	U
P015	PZ	MND23	19921026	54	55	Dichloromethane (Methylene Chlorid	6			UG/KG	6	JB	U
P015	PZ	MND23	19921026	9.5	10	Dichloromethane (Methylene Chlorid	5			UG/KG	5	JB	U
P015	PZ	MND23	19921026	47	48	Dichloromethane (Methylene Chlorid	5			UG/KG	5	JB	U
P015	PZ	MND23	19921026	55.5	56	Dichloromethane (Methylene Chlorid	5			UG/KG	5	JB	U
402	MNW	34897	19940630	24	26	Dieldrin	3.9			UG/KG	3.9	U	U
P015	PZ	MND23	19921026	12	14	Dieldrin	3.8			UG/KG	3.8	U	U
P015	PZ	MND23	19921026	12	14	Dieldrin	3.8			UG/KG	3.8	U	U
402	MNW	34897	19940630	0	0.5	Dieldrin	3.7			UG/KG	3.7	U	U
P015	PZ	MND23	19921026	47	48	Dieldrin	3.6			UG/KG	3.6	U	U
402	MNW	34897	19940630	24	26	Diethyl Phthalate	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	Diethyl Phthalate	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	Diethyl Phthalate	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Diethyl Phthalate	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Diethyl Phthalate	370			UG/KG	370	U	U
402	MNW	34897	19940630	0	0.5	Diethyl Phthalate	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	Diethyl Phthalate	360			UG/KG	360	U	U
402	MNW	34897	19940630	24	26	Dimethyl Phthalate	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	Dimethyl Phthalate	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	Dimethyl Phthalate	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Dimethyl Phthalate	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Dimethyl Phthalate	370			UG/KG	370	U	U
402	MNW	34897	19940630	0	0.5	Dimethyl Phthalate	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	Dimethyl Phthalate	360			UG/KG	360	U	U
402	MNW	34897	19940630	24	26	Di-n-butyl Phthalate	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	Di-n-butyl Phthalate	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	Di-n-butyl Phthalate	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Di-n-butyl Phthalate	370			UG/KG	370	U	U
402	MNW	34897	19940630	0	0.5	Di-n-butyl Phthalate	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	Di-n-butyl Phthalate	360			UG/KG	360	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Di-n-butyl Phthalate	42			UG/KG	370	J	J
402	MNW	34897	19940630	24	26	Di-n-octyl Phthalate	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	Di-n-octyl Phthalate	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	Di-n-octyl Phthalate	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Di-n-octyl Phthalate	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Di-n-octyl Phthalate	370			UG/KG	370	U	U
402	MNW	34897	19940630	0	0.5	Di-n-octyl Phthalate	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	Di-n-octyl Phthalate	360			UG/KG	360	U	U
402	MNW	34897	19940630	24	26	Endosulfan I	2			UG/KG	2	U	U
P015	PZ	MND23	19921026	12	14	Endosulfan I	2			UG/KG	2	U	U
P015	PZ	MND23	19921026	12	14	Endosulfan I	2			UG/KG	2	U	U
402	MNW	34897	19940630	0	0.5	Endosulfan I	1.9			UG/KG	1.9	U	U
P015	PZ	MND23	19921026	47	48	Endosulfan I	1.8			UG/KG	1.8	U	U
402	MNW	34897	19940630	24	26	Endosulfan II	3.9			UG/KG	3.9	U	U
P015	PZ	MND23	19921026	12	14	Endosulfan II	3.8			UG/KG	3.8	U	U
P015	PZ	MND23	19921026	12	14	Endosulfan II	3.8			UG/KG	3.8	U	U
402	MNW	34897	19940630	0	0.5	Endosulfan II	3.7			UG/KG	3.7	U	U

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Location Name	Location Type	Project Code	Collection Date	Start depth	End depth	Analyte	Measured Value	RBGV	Screening Level	Units	Dectection Limit	Data Qualifer	Lab Qualifer
P015	PZ	MND23	19921026	47	48	Endosulfan II	3.6			UG/KG	3.6	U	U
402	MNW	34897	19940630	24	26	Endosulfan Sulfate	3.9			UG/KG	3.9	U	U
P015	PZ	MND23	19921026	12	14	Endosulfan Sulfate	3.8			UG/KG	3.8	U	U
P015	PZ	MND23	19921026	12	14	Endosulfan Sulfate	3.8			UG/KG	3.8	U	U
402	MNW	34897	19940630	0	0.5	Endosulfan Sulfate	3.7			UG/KG	3.7	U	U
P015	PZ	MND23	19921026	47	48	Endosulfan Sulfate	3.6			UG/KG	3.6	U	U
402	MNW	34897	19940630	24	26	Endrin	3.9			UG/KG	3.9	U	U
P015	PZ	MND23	19921026	12	14	Endrin	3.8			UG/KG	3.8	U	U
P015	PZ	MND23	19921026	12	14	Endrin	3.8			UG/KG	3.8	U	U
402	MNW	34897	19940630	0	0.5	Endrin	3.7			UG/KG	3.7	U	U
P015	PZ	MND23	19921026	47	48	Endrin	3.6			UG/KG	3.6	U	U
402	MNW	34897	19940630	24	26	Endrin Aldehyde	3.9			UG/KG	3.9	U	U
P015	PZ	MND23	19921026	12	14	Endrin Aldehyde	3.8			UG/KG	3.8	U	U
P015	PZ	MND23	19921026	12	14	Endrin Aldehyde	3.8			UG/KG	3.8	U	U
402	MNW	34897	19940630	0	0.5	Endrin Aldehyde	3.7			UG/KG	3.7	U	U
P015	PZ	MND23	19921026	47	48	Endrin Aldehyde	3.6			UG/KG	3.6	U	U
402	MNW	34897	19940630	24	26	Endrin Ketone	3.9			UG/KG	3.9	U	U
P015	PZ	MND23	19921026	12	14	Endrin Ketone	3.8			UG/KG	3.8	U	U
P015	PZ	MND23	19921026	12	14	Endrin Ketone	3.8			UG/KG	3.8	U	U
402	MNW	34897	19940630	0	0.5	Endrin Ketone	3.7			UG/KG	3.7	U	U
P015	PZ	MND23	19921026	47	48	Endrin Ketone	3.6			UG/KG	3.6	U	U
MND23-B002	Borehole	MND23	19921103	3.5	5	Ethylbenzene	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Ethylbenzene	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Ethylbenzene	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	16.5	18	Ethylbenzene	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	21.5	23	Ethylbenzene	6			UG/KG	6	U	U
402	MNW	34897	19940630	0	0.5	Ethylbenzene	6			UG/KG	6	U	U
402	MNW	34897	19940630	24	26	Ethylbenzene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	12	14	Ethylbenzene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	12	14	Ethylbenzene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	19.5	20	Ethylbenzene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	21.5	22	Ethylbenzene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	54	55	Ethylbenzene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	4.5	5	Ethylbenzene	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	9.5	10	Ethylbenzene	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	47	48	Ethylbenzene	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	55.5	56	Ethylbenzene	5			UG/KG	5	U	U
402	MNW	34897	19940630	24	26	Fluoranthene	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	Fluoranthene	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Fluoranthene	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Fluoranthene	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	Fluoranthene	360			UG/KG	360	U	U
402	MNW	34897	19940630	0	0.5	Fluoranthene	170			UG/KG		J	J
P015	PZ	MND23	19921026	12	14	Fluoranthene	60			UG/KG	380	J	J
402	MNW	34897	19940630	24	26	Fluorene	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	Fluorene	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	Fluorene	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Fluorene	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Fluorene	370			UG/KG	370	U	U
402	MNW	34897	19940630	0	0.5	Fluorene	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	Fluorene	360			UG/KG	360	U	U
353	MNW	MND20	19930202	4	5	Fluoride	2.57			MG/KG	0.56	U	
353	MNW	MND20	19930208	16	16.5	Fluoride	1.76			MG/KG	0.55	U	
P015	PZ	MND23	19921026	12	14	Fluoride	1.45			MG/KG	0.58		
402	MNW	34897	19940630	24	26	Fluoride	1.18			MG/KG		J	
402	MNW	34897	19940630	0	0.5	Fluoride	1.11			MG/KG		J	
P015	PZ	MND23	19921026	12	14	Fluoride	0.95			MG/KG	0.58		
P015	PZ	MND23	19921026	47	48	Fluoride	0.741			MG/KG	0.55		
MND23-B002	Borehole	MND23	19921103	13	15	Fluoride	0.56			MG/KG	0.5		
402	MNW	34897	19940630	24	26	Gamma Chlordane	2			UG/KG	2	U	U
P015	PZ	MND23	19921026	12	14	Gamma Chlordane	2			UG/KG	2	U	U
P015	PZ	MND23	19921026	12	14	Gamma Chlordane	2			UG/KG	2	U	U
402	MNW	34897	19940630	0	0.5	Gamma Chlordane	1.9			UG/KG	1.9	U	U
P015	PZ	MND23	19921026	47	48	Gamma Chlordane	1.8			UG/KG	1.8	U	U
402	MNW	34897	19940630	24	26	Gamma-BHC (Lindane)	2			UG/KG	2	U	U
P015	PZ	MND23	19921026	12	14	Gamma-BHC (Lindane)	2			UG/KG	2	U	U
P015	PZ	MND23	19921026	12	14	Gamma-BHC (Lindane)	2			UG/KG	2	U	U
402	MNW	34897	19940630	0	0.5	Gamma-BHC (Lindane)	1.9			UG/KG	1.9	U	U
P015	PZ	MND23	19921026	47	48	Gamma-BHC (Lindane)	1.8			UG/KG	1.8	U	U
402	MNW	34897	19940630	24	26	Heptachlor	2			UG/KG	2	U	U
P015	PZ	MND23	19921026	12	14	Heptachlor	2			UG/KG	2	U	U

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Location Name	Location Type	Project Code	Collection Date	Start depth	End depth	Analyte	Measured Value	RBGV	Screening Level	Units	Dectection Limit	Data Qualifer	Lab Qualifer
P015	PZ	MND23	19921026	12	14	Heptachlor	2			UG/KG	2	U	U
402	MNW	34897	19940630	0	0.5	Heptachlor	1.9			UG/KG	1.9	U	U
P015	PZ	MND23	19921026	47	48	Heptachlor	1.8			UG/KG	1.8	U	U
402	MNW	34897	19940630	24	26	Heptachlor Epoxide	2			UG/KG	2	U	U
P015	PZ	MND23	19921026	12	14	Heptachlor Epoxide	2			UG/KG	2	U	U
P015	PZ	MND23	19921026	12	14	Heptachlor Epoxide	2			UG/KG	2	U	U
402	MNW	34897	19940630	0	0.5	Heptachlor Epoxide	1.9			UG/KG	1.9	U	U
P015	PZ	MND23	19921026	47	48	Heptachlor Epoxide	1.8			UG/KG	1.8	U	U
402	MNW	34897	19940630	24	26	Hexachlorobenzene	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	Hexachlorobenzene	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	Hexachlorobenzene	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Hexachlorobenzene	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Hexachlorobenzene	370			UG/KG	370	U	U
402	MNW	34897	19940630	0	0.5	Hexachlorobenzene	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	Hexachlorobenzene	360			UG/KG	360	U	U
402	MNW	34897	19940630	24	26	Hexachlorobutadiene	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	Hexachlorobutadiene	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	Hexachlorobutadiene	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Hexachlorobutadiene	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Hexachlorobutadiene	370			UG/KG	370	U	U
402	MNW	34897	19940630	0	0.5	Hexachlorobutadiene	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	Hexachlorobutadiene	360			UG/KG	360	U	U
402	MNW	34897	19940630	24	26	Hexachlorocyclopentadiene	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	Hexachlorocyclopentadiene	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	Hexachlorocyclopentadiene	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Hexachlorocyclopentadiene	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Hexachlorocyclopentadiene	370			UG/KG	370	U	U
402	MNW	34897	19940630	0	0.5	Hexachlorocyclopentadiene	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	Hexachlorocyclopentadiene	360			UG/KG	360	U	U
402	MNW	34897	19940630	24	26	Hexachloroethane	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	Hexachloroethane	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	Hexachloroethane	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Hexachloroethane	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Hexachloroethane	370			UG/KG	370	U	U
402	MNW	34897	19940630	0	0.5	Hexachloroethane	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	Hexachloroethane	360			UG/KG	360	U	U
402	MNW	34897	19940630	24	26	Hexane	12			UG/KG	12	U	U
402	MNW	34897	19940630	0	0.5	Hexane	11			UG/KG	11	U	U
353	MNW	MND20	19930202	4	5	HMX	3			MG/KG	3	U	U
402	MNW	34897	19940630	0	0.5	HMX	3			MG/KG	3	UJ	U
402	MNW	34897	19940630	24	26	HMX	3			MG/KG	3	UJ	U
P015	PZ	MND23	19921026	12	14	HpCDD	435			PG/G			
MND23-B002	Borehole	MND23	19921103	13	15	HpCDD	7.3			PG/G			
P015	PZ	MND23	19921026	12	14	HpCDF	69.9			PG/G			
MND23-B002	Borehole	MND23	19921103	13	15	HpCDF	0.47			PG/G		U	U
P015	PZ	MND23	19921026	12	14	HxCDD	51.7			PG/G			
MND23-B002	Borehole	MND23	19921103	13	15	HxCDD	3.7			PG/G			
402	MNW	34897	19940630	24	26	Indeno(1,2,3-cd)pyrene	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	Indeno(1,2,3-cd)pyrene	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	Indeno(1,2,3-cd)pyrene	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Indeno(1,2,3-cd)pyrene	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Indeno(1,2,3-cd)pyrene	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	Indeno(1,2,3-cd)pyrene	360			UG/KG	360	U	U
402	MNW	34897	19940630	0	0.5	Indeno(1,2,3-cd)pyrene	56			UG/KG		J	J
402	MNW	34897	19940630	24	26	Iodomethane	12			UG/KG	12	U	U
402	MNW	34897	19940630	0	0.5	Iodomethane	11			UG/KG	11	U	U
P015	PZ	MND23	19921026	12	14	Iron	21100			MG/KG	22.9		
P015	PZ	MND23	19921026	12	14	Iron	20200			MG/KG	22.9		
353	MNW	MND20	19930202	4	5	Iron	13500			MG/KG	21.5	U	
402	MNW	34897	19940630	0	0.5	Iron	13200			MG/KG			
MND23-B002	Borehole	MND23	19921103	13	15	Iron	10600			MG/KG	20		
353	MNW	MND20	19930208	16	16.5	Iron	9280			MG/KG	19.7	U	
402	MNW	34897	19940630	24	26	Iron	7240			MG/KG			
P015	PZ	MND23	19921026	47	48	Iron	6890			MG/KG	89.4		
402	MNW	34897	19940630	24	26	Isophorone	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	Isophorone	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	Isophorone	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Isophorone	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Isophorone	370			UG/KG	370	U	U
402	MNW	34897	19940630	0	0.5	Isophorone	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	Isophorone	360			UG/KG	360	U	U

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Location Name	Location Type	Project Code	Collection Date	Start depth	End depth	Analyte	Measured Value	RBGV	Screening Level	Units	Dectection Limit	Data Qualifer	Lab Qualifer
P015	PZ	MND23	19921026	12	14	Lead	11.5			MG/KG	0.69		J
402	MNW	34897	19940630	0	0.5	Lead	9			MG/KG			
P015	PZ	MND23	19921026	12	14	Lead	8.6			MG/KG	0.91		J
353	MNW	MND20	19930202	4	5	Lead	7.8			MG/KG	0.63	U	
353	MNW	MND20	19930208	16	16.5	Lead	6.8			MG/KG	0.64	U	
MND23-B002	Borehole	MND23	19921103	13	15	Lead	6.7			MG/KG	0.6	J	*
P015	PZ	MND23	19921026	47	48	Lead	6.4			MG/KG	0.45	*	J
402	MNW	34897	19940630	24	26	Lead	6			MG/KG			S
4829	Surface	SPOILS2001	20010403	0	0	Lead-210	1.08	0.62	1.8	PCI/G	0.3		
4827	Surface	SPOILS2001	20010403	0	0	Lead-210	0.9	0.62	1.8	PCI/G	0.35		
4820	Surface	SPOILS2001	20010403	0	0	Lead-210	0.89	0.62	1.8	PCI/G	0.3		
4815	Surface	SPOILS2001	20010403	0	0	Lead-210	0.87	0.62	1.8	PCI/G	0.36		
4816	Surface	SPOILS2001	20010403	0	0	Lead-210	0.87	0.62	1.8	PCI/G	0.43		
4821	Surface	SPOILS2001	20010403	0	0	Lead-210	0.83	0.62	1.8	PCI/G	0.4		
4798	Surface	SPOILS2001	20010403	0	0	Lead-210	0.82	0.62	1.8	PCI/G	0.34		
4826	Surface	SPOILS2001	20010403	0	0	Lead-210	0.8	0.62	1.8	PCI/G	0.29		
4796	Surface	SPOILS2001	20010403	0	0	Lead-210	0.74	0.62	1.8	PCI/G	0.2		
4828	Surface	SPOILS2001	20010403	0	0	Lead-210	0.69	0.62	1.8	PCI/G	0.28		
4806	Surface	SPOILS2001	20010403	0	0	Lead-210	0.68	0.62	1.8	PCI/G	0.12		
4824	Surface	SPOILS2001	20010403	0	0	Lead-210	0.66	0.62	1.8	PCI/G	0.26		
4803	Surface	SPOILS2001	20010403	0	0	Lead-210	0.64	0.62	1.8	PCI/G	0.25		
4799	Surface	SPOILS2001	20010403	0	0	Lead-210	0.61	0.62	1.8	PCI/G	0.24		
4813	Surface	SPOILS2001	20010403	0	0	Lead-210	0.59	0.62	1.8	PCI/G	0.32		
4825	Surface	SPOILS2001	20010403	0	0	Lead-210	0.59	0.62	1.8	PCI/G	0.3		
4805	Surface	SPOILS2001	20010403	0	0	Lead-210	0.58	0.62	1.8	PCI/G	0.12		
4818	Surface	SPOILS2001	20010403	0	0	Lead-210	0.55	0.62	1.8	PCI/G	0.53		
4810	Surface	SPOILS2001	20010403	0	0	Lead-210	0.54			PCI/G	0.54		U
4801	Surface	SPOILS2001	20010403	0	0	Lead-210	0.53			PCI/G	0.53		U
4811	Surface	SPOILS2001	20010403	0	0	Lead-210	0.53	0.62	1.8	PCI/G	0.17		
4823	Surface	SPOILS2001	20010403	0	0	Lead-210	0.53			PCI/G	0.53		U
4800	Surface	SPOILS2001	20010403	0	0	Lead-210	0.52	0.62	1.8	PCI/G	0.46		
4814	Surface	SPOILS2001	20010430	0	0	Lead-210	0.52	0.62	1.8	PCI/G	0.43		
4797	Surface	SPOILS2001	20010403	0	0	Lead-210	0.5	0.62	1.8	PCI/G	0.2		
4804	Surface	SPOILS2001	20010403	0	0	Lead-210	0.5	0.62	1.8	PCI/G	0.36		
4819	Surface	SPOILS2001	20010403	0	0	Lead-210	0.49			PCI/G	0.49		U
4808	Surface	SPOILS2001	20010403	0	0	Lead-210	0.47	0.62	1.8	PCI/G	0.23		
4802	Surface	SPOILS2001	20010403	0	0	Lead-210	0.44	0.62	1.8	PCI/G	0.15		
4822	Surface	SPOILS2001	20010403	0	0	Lead-210	0.44			PCI/G	0.44		U
4817	Surface	SPOILS2001	20010403	0	0	Lead-210	0.42			PCI/G	0.42		U
4812	Surface	SPOILS2001	20010403	0	0	Lead-210	0.38	0.62	1.8	PCI/G	0.25		
4809	Surface	SPOILS2001	20010403	0	0	Lead-210	0.37			PCI/G	0.37		U
4807	Surface	SPOILS2001	20010403	0	0	Lead-210	0.35	0.62	1.8	PCI/G	0.22		
P015	PZ	MND23	19921026	47	48	Lithium	44.7			MG/KG	44.7	U	U
P015	PZ	MND23	19921026	12	14	Lithium	22.4			MG/KG	11.46		
P015	PZ	MND23	19921026	12	14	Lithium	19.3			MG/KG	11.5		
402	MNW	34897	19940630	0	0.5	Lithium	12			MG/KG			
MND23-B002	Borehole	MND23	19921103	13	15	Lithium	9.9			MG/KG	9.9	U	U
402	MNW	34897	19940630	24	26	Lithium	6.6			MG/KG			
353	MNW	MND20	19930202	4	5	Lithium	5.6			MG/KG	10.76	UJ	B
353	MNW	MND20	19930208	16	16.5	Lithium	5.1			MG/KG	9.8	U	B
P015	PZ	MND23	19921026	47	48	Magnesium	69900			MG/KG	4469	*	
353	MNW	MND20	19930208	16	16.5	Magnesium	43000			MG/KG	984	U	*
353	MNW	MND20	19930202	4	5	Magnesium	40300			MG/KG	1076	U	
402	MNW	34897	19940630	24	26	Magnesium	40300			MG/KG			
MND23-B002	Borehole	MND23	19921103	13	15	Magnesium	40100			MG/KG	992		*
402	MNW	34897	19940630	0	0.5	Magnesium	22300			MG/KG			
P015	PZ	MND23	19921026	12	14	Magnesium	19100			MG/KG	1146	*	
P015	PZ	MND23	19921026	12	14	Magnesium	14200			MG/KG	1146	*	
P015	PZ	MND23	19921026	12	14	Manganese	650			MG/KG	3.44		
P015	PZ	MND23	19921026	12	14	Manganese	517			MG/KG	3.44		
402	MNW	34897	19940630	0	0.5	Manganese	445			MG/KG			
353	MNW	MND20	19930202	4	5	Manganese	274			MG/KG	3.23	U	
402	MNW	34897	19940630	24	26	Manganese	261			MG/KG			
P015	PZ	MND23	19921026	47	48	Manganese	245			MG/KG	13.41		U
MND23-B002	Borehole	MND23	19921103	13	15	Manganese	219			MG/KG	3	U	
353	MNW	MND20	19930208	16	16.5	Manganese	191			MG/KG	2.95	U	*
402	MNW	34897	19940630	24	26	Mercury	0.12			MG/KG	0.12	U	U
353	MNW	MND20	19930202	4	5	Mercury	0.11			MG/KG	0.11	U	U
353	MNW	MND20	19930208	16	16.5	Mercury	0.11			MG/KG	0.11	U	U
402	MNW	34897	19940630	0	0.5	Mercury	0.11			MG/KG	0.11	U	U
P015	PZ	MND23	19921026	12	14	Mercury	0.11			MG/KG	0.11	U	UJ

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Location Name	Location Type	Project Code	Collection Date	Start depth	End depth	Analyte	Measured Value	RBGV	Screening Level	Units	Dectection Limit	Data Qualifer	Lab Qualifer
P015	PZ	MND23	19921026	12	14	Mercury	0.11			MG/KG	0.12	U	UJ
MND23-B002	Borehole	MND23	19921103	13	15	Mercury	0.1			MG/KG	0.1	U	U
P015	PZ	MND23	19921026	47	48	Mercury	0.09			MG/KG	0.09	U	UJ
402	MNW	34897	19940630	24	26	Methoxychlor	20			UG/KG	20	U	U
P015	PZ	MND23	19921026	12	14	Methoxychlor	20			UG/KG	20	U	U
P015	PZ	MND23	19921026	12	14	Methoxychlor	20			UG/KG	20	U	U
402	MNW	34897	19940630	0	0.5	Methoxychlor	19			UG/KG	19	U	U
P015	PZ	MND23	19921026	47	48	Methoxychlor	18			UG/KG	18	U	U
353	MNW	MND20	19930208	16	16.5	Molybdenum	4.4			MG/KG	1.97	U	
402	MNW	34897	19940630	0	0.5	Molybdenum	4.3			MG/KG			
353	MNW	MND20	19930202	4	5	Molybdenum	4.2			MG/KG	2.15	U	B
402	MNW	34897	19940630	24	26	Molybdenum	1.4			MG/KG	1.4	U	U
402	MNW	34897	19940630	24	26	Naphthalene	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	Naphthalene	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	Naphthalene	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Naphthalene	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Naphthalene	370			UG/KG	370	U	U
402	MNW	34897	19940630	0	0.5	Naphthalene	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	Naphthalene	360			UG/KG	360	U	U
P015	PZ	MND23	19921026	12	14	Nickel	20.6			MG/KG	9.17		
P015	PZ	MND23	19921026	12	14	Nickel	20.3			MG/KG	9.17		
P015	PZ	MND23	19921026	47	48	Nickel	17.9			MG/KG	35.8	U	U
402	MNW	34897	19940630	0	0.5	Nickel	12.6			MG/KG			
MND23-B002	Borehole	MND23	19921103	13	15	Nickel	11.9			MG/KG	8		
353	MNW	MND20	19930202	4	5	Nickel	11			MG/KG	8.6	U	
353	MNW	MND20	19930208	16	16.5	Nickel	10.3			MG/KG	7.88	U	
402	MNW	34897	19940630	24	26	Nickel	6.5			MG/KG			
P015	PZ	MND23	19921026	12	14	Nitrate	1.53			MG/KG	1.16		J
MND23-B002	Borehole	MND23	19921103	13	15	Nitrate	1.45			MG/KG	1.12		
P015	PZ	MND23	19921026	12	14	Nitrate	1.16			MG/KG	1.16	U	UJ
353	MNW	MND20	19930202	4	5	Nitrate	1.12			MG/KG	1.12	U	U
P015	PZ	MND23	19921026	47	48	Nitrate	1.12			MG/KG	1.09		
353	MNW	MND20	19930208	16	16.5	Nitrate	1.1			MG/KG	1.1	U	U
402	MNW	34897	19940630	0	0.5	Nitrate/Nitrite	0.557			MG/KG		J	
402	MNW	34897	19940630	24	26	Nitrate/Nitrite	0.05			MG/KG	0.05	UJ	U
P015	PZ	MND23	19921026	12	14	Nitrite	1.16			MG/KG	1.16	U	U
P015	PZ	MND23	19921026	12	14	Nitrite	1.16			MG/KG	1.16	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Nitrite	1.12			MG/KG	1.12	U	U
353	MNW	MND20	19930202	4	5	Nitrite	1.12			MG/KG	1.12	U	U
353	MNW	MND20	19930208	16	16.5	Nitrite	1.1			MG/KG	1.1	U	U
P015	PZ	MND23	19921026	47	48	Nitrite	1.09			MG/KG	1.09	U	U
402	MNW	34897	19940630	24	26	Nitrobenzene	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	Nitrobenzene	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	Nitrobenzene	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Nitrobenzene	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Nitrobenzene	370			UG/KG	370	U	U
402	MNW	34897	19940630	0	0.5	Nitrobenzene	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	Nitrobenzene	360			UG/KG	360	U	U
353	MNW	MND20	19930202	4	5	Nitrobenzene	1.5			MG/KG	1.5	U	U
402	MNW	34897	19940630	0	0.5	Nitrobenzene	1.5			MG/KG	1.5	UJ	U
402	MNW	34897	19940630	24	26	Nitrobenzene	1.5			MG/KG	1.5	UJ	U
402	MNW	34897	19940630	24	26	N-Nitroso-di-n-propylamine	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	N-Nitroso-di-n-propylamine	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	N-Nitroso-di-n-propylamine	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	N-Nitroso-di-n-propylamine	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	N-Nitroso-di-n-propylamine	370			UG/KG	370	U	U
402	MNW	34897	19940630	0	0.5	N-Nitroso-di-n-propylamine	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	N-Nitroso-di-n-propylamine	360			UG/KG	360	U	U
402	MNW	34897	19940630	24	26	N-Nitrosodiphenylamine	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	N-Nitrosodiphenylamine	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	N-Nitrosodiphenylamine	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	N-Nitrosodiphenylamine	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	N-Nitrosodiphenylamine	370			UG/KG	370	U	U
402	MNW	34897	19940630	0	0.5	N-Nitrosodiphenylamine	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	N-Nitrosodiphenylamine	360			UG/KG	360	U	U
P015	PZ	MND23	19921026	12	14	OCDD	2110			PG/G			
MND23-B002	Borehole	MND23	19921103	13	15	OCDD	21.9			PG/G		U	
P015	PZ	MND23	19921026	12	14	OCDF	50.2			PG/G			
MND23-B002	Borehole	MND23	19921103	13	15	OCDF	0.22			PG/G			
MND23-B002	Borehole	MND23	19921103	3.5	5	Organic Carbon	25091			MG/KG	30		
353	MNW	MND20	19930208	16	16.5	Organic Carbon	22099			MG/KG	23	U	

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P015	PZ	MND23	19921026	54	55	Organic Carbon	19274			MG/KG	22		
402	MNW	34897	19940630	24	26	Organic Carbon	18400			MG/KG		J	
P015	PZ	MND23	19921026	12	14	Organic Carbon	14889			MG/KG	23		J
402	MNW	34897	19940630	0	0.5	Organic Carbon	14000			MG/KG			
P015	PZ	MND23	19921026	55.5	56	Organic Carbon	12624			MG/KG	10		
353	MNW	MND20	19930202	4	5	Organic Carbon	12138			MG/KG	35	U	
MND23-B002	Borehole	MND23	19921103	16.5	18	Organic Carbon	11360			MG/KG	28	J	
P015	PZ	MND23	19921026	9.5	10	Organic Carbon	11315			MG/KG	24		J
P015	PZ	MND23	19921026	47	48	Organic Carbon	10906			MG/KG	17		
P015	PZ	MND23	19921026	21.5	22	Organic Carbon	9126			MG/KG	25		
MND23-B002	Borehole	MND23	19921103	8	10	Organic Carbon	8636			MG/KG	34		
P015	PZ	MND23	19921026	4.5	5	Organic Carbon	7585			MG/KG	35		
P015	PZ	MND23	19921026	12	14	Organic Carbon	7363			MG/KG	43		J
MND23-B002	Borehole	MND23	19921103	21.5	23	Organic Carbon	7268			MG/KG	18		
P015	PZ	MND23	19921026	19.5	20	Organic Carbon	6416			MG/KG	17		
MND23-B002	Borehole	MND23	19921103	13	15	Organic Carbon	5141			MG/KG	45		
P015	PZ	MND23	19921026	12	14	PeCDD	2			PG/G			
MND23-B002	Borehole	MND23	19921103	13	15	PeCDD	0.37			PG/G		U	U
P015	PZ	MND23	19921026	12	14	PeCDF	35.4			PG/G			
MND23-B002	Borehole	MND23	19921103	13	15	PeCDF	0.3			PG/G		U	U
402	MNW	34897	19940630	24	26	Pentachlorophenol	1900			UG/KG	1900	U	U
402	MNW	34897	19940630	0	0.5	Pentachlorophenol	1800			UG/KG	1800	U	U
P015	PZ	MND23	19921026	12	14	Pentachlorophenol	920			UG/KG	920	U	U
P015	PZ	MND23	19921026	12	14	Pentachlorophenol	920			UG/KG	920	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Pentachlorophenol	890			UG/KG	890	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Pentachlorophenol	890			UG/KG	890	U	U
P015	PZ	MND23	19921026	47	48	Pentachlorophenol	870			UG/KG	870	U	U
353	MNW	MND20	19930202	4	5	PETN	1			MG/KG	1	U	U
402	MNW	34897	19940630	0	0.5	PETN	1			MG/KG	1	R	U
402	MNW	34897	19940630	24	26	PETN	1			MG/KG	1	R	U
402	MNW	34897	19940630	24	26	Phenanthrene	390			UG/KG	390	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Phenanthrene	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Phenanthrene	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	Phenanthrene	360			UG/KG	360	U	U
402	MNW	34897	19940630	0	0.5	Phenanthrene	100			UG/KG		J	J
P015	PZ	MND23	19921026	12	14	Phenanthrene	45			UG/KG	380	J	J
P015	PZ	MND23	19921026	12	14	Phenanthrene	42			UG/KG	380	J	J
402	MNW	34897	19940630	24	26	Phenol	390			UG/KG	390	U	U
P015	PZ	MND23	19921026	12	14	Phenol	380			UG/KG	380	U	U
P015	PZ	MND23	19921026	12	14	Phenol	380			UG/KG	380	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Phenol	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Phenol	370			UG/KG	370	U	U
402	MNW	34897	19940630	0	0.5	Phenol	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	Phenol	360			UG/KG	360	U	U
4822	Surface	SPOILS2001	20010403	0	0	Plutonium-238	25			PCI/G	25		U
4826	Surface	SPOILS2001	20010403	0	0	Plutonium-238	24.46			PCI/G	24.46		U
4816	Surface	SPOILS2001	20010403	0	0	Plutonium-238	24.22			PCI/G	24.22		U
4828	Surface	SPOILS2001	20010403	0	0	Plutonium-238	21.62			PCI/G	21.62		U
4824	Surface	SPOILS2001	20010403	0	0	Plutonium-238	19.24			PCI/G	19.24		U
4801	Surface	SPOILS2001	20010403	0	0	Plutonium-238	18.23			PCI/G	18.23		U
SCR77	Borehole	SCRDATA	19930428	0	0	Plutonium-238	18			PCI/G			U
SCR77	Borehole	SCRDATA	19930428	0	0	Plutonium-238	16			PCI/G			U
4810	Surface	SPOILS2001	20010403	0	0	Plutonium-238	14.82			PCI/G	14.82		U
4823	Surface	SPOILS2001	20010403	0	0	Plutonium-238	14.67			PCI/G	14.67		U
4800	Surface	SPOILS2001	20010403	0	0	Plutonium-238	14.25			PCI/G	14.25		U
4818	Surface	SPOILS2001	20010403	0	0	Plutonium-238	13.55			PCI/G	13.55		U
4819	Surface	SPOILS2001	20010403	0	0	Plutonium-238	12.83			PCI/G	12.83		U
4815	Surface	SPOILS2001	20010403	0	0	Plutonium-238	11.8			PCI/G	11.8		U
4814	Surface	SPOILS2001	20010430	0	0	Plutonium-238	11.71			PCI/G	11.71		U
4798	Surface	SPOILS2001	20010403	0	0	Plutonium-238	11.46			PCI/G	11.46		U
4821	Surface	SPOILS2001	20010403	0	0	Plutonium-238	11.41			PCI/G	11.41		U
4804	Surface	SPOILS2001	20010403	0	0	Plutonium-238	11.02			PCI/G	11.02		U
4827	Surface	SPOILS2001	20010403	0	0	Plutonium-238	10.54			PCI/G	10.54		U
4809	Surface	SPOILS2001	20010403	0	0	Plutonium-238	10.33			PCI/G	10.33		U
4813	Surface	SPOILS2001	20010403	0	0	Plutonium-238	9.72			PCI/G	9.72		U
4829	Surface	SPOILS2001	20010403	0	0	Plutonium-238	9.59			PCI/G	9.59		U
4817	Surface	SPOILS2001	20010403	0	0	Plutonium-238	9.37			PCI/G	9.37		U
SCR87	Borehole	SCRDATA	19930428	0	0	Plutonium-238	9			PCI/G			U
4825	Surface	SPOILS2001	20010403	0	0	Plutonium-238	8.92			PCI/G	8.92		U
4820	Surface	SPOILS2001	20010403	0	0	Plutonium-238	8.82			PCI/G	8.82		U
S0895	Surface	RSS	19841001	0	0	Plutonium-238	8.3	6.1	55	PCI/G	0.01		

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4812	Surface	SPOILS2001	20010403	0	0	Plutonium-238	8			PCI/G	8		U
4803	Surface	SPOILS2001	20010403	0	0	Plutonium-238	6.56			PCI/G	6.56		U
4797	Surface	SPOILS2001	20010403	0	0	Plutonium-238	6.35			PCI/G	6.35		U
4807	Surface	SPOILS2001	20010403	0	0	Plutonium-238	6.35			PCI/G	6.35		U
4799	Surface	SPOILS2001	20010403	0	0	Plutonium-238	6.34			PCI/G	6.34		U
402	MNW	34897	19940630	0	0.5	Plutonium-238	6	6.1	55	PCI/G			U
S0881	Surface	RSS	19841001	0	0	Plutonium-238	5.59	6.1	55	PCI/G	0.01		
4808	Surface	SPOILS2001	20010403	0	0	Plutonium-238	5.19			PCI/G	5.19		U
S0880	Surface	RSS	19840801	0	0	Plutonium-238	4.68	6.1	55	PCI/G	0.01		
4811	Surface	SPOILS2001	20010403	0	0	Plutonium-238	4.4			PCI/G	4.4		U
4806	Surface	SPOILS2001	20010403	0	0	Plutonium-238	4.31			PCI/G	4.31		U
4802	Surface	SPOILS2001	20010403	0	0	Plutonium-238	4.05			PCI/G	4.05		U
4796	Surface	SPOILS2001	20010403	0	0	Plutonium-238	4.04			PCI/G	4.04		U
SCR97	Borehole	SCRDATA	19930428	0	0	Plutonium-238	3			PCI/G			U
SCR77	Borehole	SCRDATA	19930428	0	0	Plutonium-238	3			PCI/G			U
4805	Surface	SPOILS2001	20010403	0	0	Plutonium-238	2.49			PCI/G	2.49		U
S0911	Surface	RSS	19831001	0	0	Plutonium-238	2.03	6.1	55	PCI/G	0.01		
S0851	Surface	RSS	19831001	0	0	Plutonium-238	1.82			PCI/G	0.01		
MND23-B002	Borehole	MND23	19921103	13	15	Plutonium-238	1.35			PCI/G	0.14	U	U
S0901	Surface	RSS	19841001	0	0	Plutonium-238	1.29	6.1	55	PCI/G	0.01		
S0883	Surface	RSS	19841001	0	0	Plutonium-238	1.22	6.1	55	PCI/G	0.01		
C0213	Borehole	RSS	19830901	5	5	Plutonium-238	0.93	6.1	55	PCI/G	0.01		
C0193	Borehole	RSS	19840901	7.5	7.5	Plutonium-238	0.89	6.1	55	PCI/G	0.01		
S0900	Surface	RSS	19841001	0	0	Plutonium-238	0.62	6.1	55	PCI/G	0.01		
S0892	Surface	RSS	19841001	0	0	Plutonium-238	0.47	6.1	55	PCI/G	0.01		
S0902	Surface	RSS	19841001	0	0	Plutonium-238	0.37	6.1	55	PCI/G	0.01		
P015	PZ	MND23	19921026	12	14	Plutonium-238	0.292	6.1	55	PCI/G	0.0676		
C0193	Borehole	RSS	19840901	15	15	Plutonium-238	0.29	6.1	55	PCI/G	0.01		
BK	Borehole	04-2768	19940517	0	2	Plutonium-238	0.278	6.1	55	PCI/G		J	
4808	Surface	SPOILS2001	20010403	0	0	Plutonium-238	0.257	6.1	55	PCI/G	0.0302		
S0891	Surface	RSS	19841001	0	0	Plutonium-238	0.23	6.1	55	PCI/G	0.01		
C0213	Borehole	RSS	19830901	2.5	2.5	Plutonium-238	0.18	6.1	55	PCI/G	0.01		
C0213	Borehole	RSS	19830901	20	20	Plutonium-238	0.16	6.1	55	PCI/G	0.01		
S0888	Surface	RSS	19841001	0	0	Plutonium-238	0.15	6.1	55	PCI/G	0.01		
P015	PZ	MND23	19921026	12	14	Plutonium-238	0.145	6.1	55	PCI/G	0.0312		
353	MNW	MND20	19930208	16	16.5	Plutonium-238	0.12			PCI/G	0.12	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Plutonium-238	0.114	6.1	55	PCI/G	0.097		
P015	PZ	MND23	19921026	47	48	Plutonium-238	0.11	6.1	55	PCI/G	0.0698		
BK	Borehole	04-2768	19940517	2	12	Plutonium-238	0.103	6.1	55	PCI/G		J	
S0903	Surface	RSS	19841001	0	0	Plutonium-238	0.09	6.1	55	PCI/G	0.01		
402	MNW	34897	19940630	0	0.5	Plutonium-238	0.09	6.1	55	PCI/G		J	
S0887	Surface	RSS	19841001	0	0	Plutonium-238	0.08	6.1	55	PCI/G	0.01		
S0896	Surface	RSS	19841001	0	0	Plutonium-238	0.06	6.1	55	PCI/G	0.01		
353	MNW	MND20	19930202	4	5	Plutonium-238	0.047			PCI/G	1	U	U
S0899	Surface	RSS	19841001	0	0	Plutonium-238	0.04	6.1	55	PCI/G	0.01		
S0897	Surface	RSS	19841001	0	0	Plutonium-238	0.03	6.1	55	PCI/G	0.01		
S0904	Surface	RSS	19841001	0	0	Plutonium-238	0.03	6.1	55	PCI/G	0.01		
402	MNW	34897	19940630	24	26	Plutonium-238	0.03			PCI/G	0.03	UJ	U
S0894	Surface	RSS	19841001	0	0	Plutonium-238	0.02	6.1	55	PCI/G	0.01		
S0898	Surface	RSS	19841001	0	0	Plutonium-238	0.02	6.1	55	PCI/G	0.01		
C0214	Borehole	RSS	19830901	2.5	2.5	Plutonium-238	0.01			PCI/G	0.01		U
C0214	Borehole	RSS	19830901	5	5	Plutonium-238	0.01			PCI/G	0.01		U
C0214	Borehole	RSS	19830901	15	15	Plutonium-238	0.01			PCI/G	0.01		U
S0885	Surface	RSS	19841001	0	0	Plutonium-238	0.01			PCI/G	0.01		U
S0889	Surface	RSS	19841001	0	0	Plutonium-238	0.01			PCI/G	0.01		U
S0893	Surface	RSS	19841001	0	0	Plutonium-238	0.01			PCI/G	0.01		U
402	MNW	34897	19940630	24	26	Plutonium-238	0			PCI/G			U
4808	Surface	SPOILS2001	20010403	0	0	Plutonium-239	0.0822			PCI/G	0.0822		U
MND23-B002	Borehole	MND23	19921103	8	10	Plutonium-239/240	0.0887	6		PCI/G	0.038		
P015	PZ	MND23	19921026	12	14	Plutonium-239/240	0.0727	6		PCI/G	0.0312		
P015	PZ	MND23	19921026	12	14	Plutonium-239/240	0.068			PCI/G	0.068	U	U
353	MNW	MND20	19930208	16	16.5	Plutonium-239/240	0.062	6		PCI/G	0.047	U	
P015	PZ	MND23	19921026	47	48	Plutonium-239/240	0.0548	6		PCI/G	0.0274		
MND23-B002	Borehole	MND23	19921103	13	15	Plutonium-239/240	0.053	6		PCI/G	0.053		
353	MNW	MND20	19930202	4	5	Plutonium-239/240	0.035			PCI/G	1	U	U
BK	Borehole	04-2768	19940517	2	12	Plutonium-239/240	0.0327	6		PCI/G		J	
BK	Borehole	04-2768	19940517	0	2	Plutonium-239/240	0.0139	6		PCI/G		J	
402	MNW	34897	19940630	0	0.5	Plutonium-239/240	0.01			PCI/G	0.01	UJ	U
402	MNW	34897	19940630	24	26	Plutonium-239/240	0			PCI/G	0	UJ	U
BK	Borehole	04-2768	19940517	2	12	Plutonium-242	0.0148			PCI/G	0.0148	UJ	ND
BK	Borehole	04-2768	19940517	0	2	Plutonium-242	0.00753			PCI/G	0.00753	UJ	ND

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Location Name	Location Type	Project Code	Collection Date	Start depth	End depth	Analyte	Measured Value	RBGV	Screening Level	Units	Dectection Limit	Data Qualifer	Lab Qualifer
P015	PZ	MND23	19921026	12	14	Potassium	1950			MG/KG	1146		
P015	PZ	MND23	19921026	12	14	Potassium	1680			MG/KG	1146		
402	MNW	34897	19940630	0	0.5	Potassium	1080			MG/KG			
353	MNW	MND20	19930208	16	16.5	Potassium	1040			MG/KG	1969	U	B
MND23-B002	Borehole	MND23	19921103	13	15	Potassium	1020			MG/KG	992	U	
353	MNW	MND20	19930202	4	5	Potassium	991			MG/KG	1076	U	B
402	MNW	34897	19940630	24	26	Potassium	725			MG/KG			
P015	PZ	MND23	19921026	47	48	Potassium	481			MG/KG	893.9	B	
P015	PZ	MND23	19921026	12	14	Potassium-40	17.3	1.42		PCI/G	0.3		
MND23-B002	Borehole	MND23	19921103	8	10	Potassium-40	16.7	1.42		PCI/G	0.1		
353	MNW	MND20	19930202	4	5	Potassium-40	16.2	1.42		PCI/G	1.1	U	
353	MNW	MND20	19930208	16	16.5	Potassium-40	15.8	1.42		PCI/G	0.9	U	
P015	PZ	MND23	19921026	12	14	Potassium-40	14.5	1.42		PCI/G	0.3		
402	MNW	34897	19940630	0	0.5	Potassium-40	11.23	1.42		PCI/G			
402	MNW	34897	19940630	24	26	Potassium-40	8.76	1.42		PCI/G	8.76	U	
MND23-B002	Borehole	MND23	19921103	13	15	Potassium-40	7.27	1.42		PCI/G	0.1		
P015	PZ	MND23	19921026	47	48	Potassium-40	6.45	1.42		PCI/G	0.2		
402	MNW	34897	19940630	24	26	Pyrene	390			UG/KG	390	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Pyrene	370			UG/KG	370	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Pyrene	370			UG/KG	370	U	U
P015	PZ	MND23	19921026	47	48	Pyrene	360			UG/KG	360	U	U
402	MNW	34897	19940630	0	0.5	Pyrene	170			UG/KG		J	J
P015	PZ	MND23	19921026	12	14	Pyrene	70			UG/KG	380	J	J
P015	PZ	MND23	19921026	12	14	Pyrene	49			UG/KG	380	J	J
4821	Surface	SPOILS2001	20010403	0	0	Radium-226	1.87	0.09	2.1	PCI/G	0.39		
4801	Surface	SPOILS2001	20010403	0	0	Radium-226	1.52	0.09	2.1	PCI/G	0.58		
4807	Surface	SPOILS2001	20010403	0	0	Radium-226	1.47	0.09	2.1	PCI/G	0.23		
4818	Surface	SPOILS2001	20010403	0	0	Radium-226	1.47	0.09	2.1	PCI/G	0.56		
4814	Surface	SPOILS2001	20010430	0	0	Radium-226	1.43	0.09	2.1	PCI/G	0.6		
4816	Surface	SPOILS2001	20010403	0	0	Radium-226	1.42	0.09	2.1	PCI/G	0.45		
4819	Surface	SPOILS2001	20010403	0	0	Radium-226	1.41	0.09	2.1	PCI/G	0.54		
4804	Surface	SPOILS2001	20010403	0	0	Radium-226	1.4	0.09	2.1	PCI/G	0.4		
4829	Surface	SPOILS2001	20010403	0	0	Radium-226	1.39	0.09	2.1	PCI/G	0.3		
4803	Surface	SPOILS2001	20010403	0	0	Radium-226	1.37	0.09	2.1	PCI/G	0.29		
4811	Surface	SPOILS2001	20010403	0	0	Radium-226	1.37	0.09	2.1	PCI/G	0.25		
4822	Surface	SPOILS2001	20010403	0	0	Radium-226	1.37	0.09	2.1	PCI/G	0.37		
4824	Surface	SPOILS2001	20010403	0	0	Radium-226	1.35	0.09	2.1	PCI/G	0.23		
4812	Surface	SPOILS2001	20010403	0	0	Radium-226	1.34	0.09	2.1	PCI/G	0.31		
4805	Surface	SPOILS2001	20010403	0	0	Radium-226	1.33	0.09	2.1	PCI/G	0.16		
4800	Surface	SPOILS2001	20010403	0	0	Radium-226	1.32	0.09	2.1	PCI/G	0.51		
4820	Surface	SPOILS2001	20010403	0	0	Radium-226	1.28	0.09	2.1	PCI/G	0.34		
4798	Surface	SPOILS2001	20010403	0	0	Radium-226	1.24	0.09	2.1	PCI/G	0.42		
4796	Surface	SPOILS2001	20010403	0	0	Radium-226	1.18	0.09	2.1	PCI/G	0.25		
4802	Surface	SPOILS2001	20010403	0	0	Radium-226	1.17	0.09	2.1	PCI/G	0.23		
4797	Surface	SPOILS2001	20010403	0	0	Radium-226	1.15			PCI/G	0.26		
4828	Surface	SPOILS2001	20010403	0	0	Radium-226	1.13	0.09	2.1	PCI/G	0.28		
353	MNW	MND20	19930208	16	16.5	Radium-226	1.11	0.09	2.1	PCI/G	0.2	U	
4806	Surface	SPOILS2001	20010403	0	0	Radium-226	1.08	0.09	2.1	PCI/G	0.15		
4813	Surface	SPOILS2001	20010403	0	0	Radium-226	1.07	0.09	2.1	PCI/G	0.34		
MND23-B002	Borehole	MND23	19921103	8	10	Radium-226	1.07	0.09	2.1	PCI/G	0.02		
353	MNW	MND20	19930202	4	5	Radium-226	1.04	0.09	2.1	PCI/G	0.2	U	
4809	Surface	SPOILS2001	20010403	0	0	Radium-226	1	0.09	2.1	PCI/G	0.37		
4825	Surface	SPOILS2001	20010403	0	0	Radium-226	0.96	0.09	2.1	PCI/G	0.31		
4826	Surface	SPOILS2001	20010403	0	0	Radium-226	0.95	0.09	2.1	PCI/G	0.24		
P015	PZ	MND23	19921026	12	14	Radium-226	0.919	0.09	2.1	PCI/G	0.02		
S0880	Surface	RSS	19840801	0	0	Radium-226	0.9	0.09	2.1	PCI/G			
S0881	Surface	RSS	19841001	0	0	Radium-226	0.9	0.09	2.1	PCI/G			
4823	Surface	SPOILS2001	20010403	0	0	Radium-226	0.9	0.09	2.1	PCI/G	0.43		
P015	PZ	MND23	19921026	12	14	Radium-226	0.865	0.09	2.1	PCI/G	0.01		
4815	Surface	SPOILS2001	20010403	0	0	Radium-226	0.86	0.09	2.1	PCI/G	0.45		
4808	Surface	SPOILS2001	20010403	0	0	Radium-226	0.81	0.09	2.1	PCI/G	0.31		
4817	Surface	SPOILS2001	20010403	0	0	Radium-226	0.77	0.09	2.1	PCI/G	0.57		
4810	Surface	SPOILS2001	20010403	0	0	Radium-226	0.72	0.09	2.1	PCI/G	0.59		
4799	Surface	SPOILS2001	20010403	0	0	Radium-226	0.71	0.09	2.1	PCI/G	0.38		
MND23-B002	Borehole	MND23	19921103	13	15	Radium-226	0.573	0.09	2.1	PCI/G	0.01		
402	MNW	34897	19940630	0	0.5	Radium-226	0.57	0.09	2.1	PCI/G			
402	MNW	34897	19940630	24	26	Radium-226	0.47	0.09	2.1	PCI/G			
4827	Surface	SPOILS2001	20010403	0	0	Radium-226	0.2			PCI/G	0.2		U
P015	PZ	MND23	19921026	47	48	Radium-226	0.09	2.1		PCI/G	0.004		
353	MNW	MND20	19930202	4	5	RDX	2.5			MG/KG	2.5	U	U
402	MNW	34897	19940630	0	0.5	RDX	2.5			MG/KG	2.5	UJ	U

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Location Name	Location Type	Project Code	Collection Date	Start depth	End depth	Analyte	Measured Value	RBGV	Screening Level	Units	Dectection Limit	Data Qualifer	Lab Qualifer
402	MNW	34897	19940630	24	26	RDX	2.5			MG/KG	2.5	UJ	U
402	MNW	34897	19940630	24	26	Selenium	0.93			MG/KG	0.93	UJ	UW
402	MNW	34897	19940630	0	0.5	Selenium	0.89			MG/KG	0.89	UJ	UW
P015	PZ	MND23	19921026	12	14	Selenium	0.46			MG/KG	1.16	U	UJ
P015	PZ	MND23	19921026	12	14	Selenium	0.46			MG/KG	1.15	U	UJ
MND23-B002	Borehole	MND23	19921103	13	15	Selenium	0.42			MG/KG	1	UJ	U
353	MNW	MND20	19930202	4	5	Selenium	0.42			MG/KG	1.05	U	U
353	MNW	MND20	19930208	16	16.5	Selenium	0.42			MG/KG	0.42	UJ	U
P015	PZ	MND23	19921026	47	48	Selenium	0.3			MG/KG	0.75	U	U
P015	PZ	MND23	19921026	47	48	Silver	8.9			MG/KG	8.94	U	U
P015	PZ	MND23	19921026	12	14	Silver	5.8			MG/KG	2.29		
P015	PZ	MND23	19921026	12	14	Silver	5.3			MG/KG	2.29		
353	MNW	MND20	19930202	4	5	Silver	3.9			MG/KG	2.15	U	
353	MNW	MND20	19930208	16	16.5	Silver	2.5			MG/KG	1.97	U	
MND23-B002	Borehole	MND23	19921103	13	15	Silver	2.3			MG/KG	2		
402	MNW	34897	19940630	24	26	Silver	0.24			MG/KG	0.24	U	U
402	MNW	34897	19940630	0	0.5	Silver	0.23			MG/KG	0.23	U	U
P015	PZ	MND23	19921026	47	48	Sodium	226			MG/KG	4469	B	J
P015	PZ	MND23	19921026	12	14	Sodium	189			MG/KG	1146	B	UJ
P015	PZ	MND23	19921026	12	14	Sodium	177			MG/KG	1146	B	UJ
402	MNW	34897	19940630	24	26	Sodium	169			MG/KG	169	U	B
MND23-B002	Borehole	MND23	19921103	13	15	Sodium	162			MG/KG	992	U	B
353	MNW	MND20	19930202	4	5	Sodium	142			MG/KG	1076	U	B
402	MNW	34897	19940630	0	0.5	Sodium	140			MG/KG	140	U	B
353	MNW	MND20	19930208	16	16.5	Sodium	139			MG/KG	984	U	B
MND23-B002	Borehole	MND23	19921103	8	10	Strontium-90	0.618			PCI/G	0.62	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Strontium-90	0.57			PCI/G	0.57	U	U
353	MNW	MND20	19930202	4	5	Strontium-90	0.48			PCI/G	0.48	U	U
353	MNW	MND20	19930208	16	16.5	Strontium-90	0.48			PCI/G	0.48	U	U
P015	PZ	MND23	19921026	12	14	Strontium-90	0.41			PCI/G	0.41	U	U
P015	PZ	MND23	19921026	12	14	Strontium-90	0.38			PCI/G	0.38	U	U
P015	PZ	MND23	19921026	47	48	Strontium-90	0.358	3		PCI/G	0.354		
402	MNW	34897	19940630	0	0.5	Strontium-90	0.23			PCI/G	0.23	UJ	U
402	MNW	34897	19940630	24	26	Strontium-90	-0.42			PCI/G	-0.42	UJ	U
MND23-B002	Borehole	MND23	19921103	3.5	5	Styrene	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Styrene	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Styrene	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	16.5	18	Styrene	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	21.5	23	Styrene	6			UG/KG	6	U	U
402	MNW	34897	19940630	0	0.5	Styrene	6			UG/KG	6	U	U
402	MNW	34897	19940630	24	26	Styrene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	12	14	Styrene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	12	14	Styrene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	19.5	20	Styrene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	21.5	22	Styrene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	54	55	Styrene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	4.5	5	Styrene	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	9.5	10	Styrene	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	47	48	Styrene	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	55.5	56	Styrene	5			UG/KG	5	U	U
402	MNW	34897	19940630	24	26	Sulfate	480			MG/KG		J	
P015	PZ	MND23	19921026	12	14	Sulfate	267			MG/KG	23.15		
P015	PZ	MND23	19921026	12	14	Sulfate	242.8			MG/KG	23.1		
402	MNW	34897	19940630	0	0.5	Sulfate	165			MG/KG		J	
353	MNW	MND20	19930208	16	16.5	Sulfate	97.8			MG/KG	22.1	U	
353	MNW	MND20	19930202	4	5	Sulfate	27.7			MG/KG	22.37	U	
P015	PZ	MND23	19921026	47	48	Sulfate	23.3			MG/KG	21.81		
MND23-B002	Borehole	MND23	19921103	13	15	Sulfate	22.4			MG/KG	22.4	U	U
MND23-B002	Borehole	MND23	19921103	13	15	TCDD, Total	0.86			PG/G		U	U
P015	PZ	MND23	19921026	12	14	TCDD, Total	0.67			PG/G		U	U
P015	PZ	MND23	19921026	12	14	TCDF	11.2			PG/G			
MND23-B002	Borehole	MND23	19921103	13	15	TCDF	0.84			PG/G		U	U
MND23-B002	Borehole	MND23	19921103	13	15	Tetrachloroethene	170			UG/KG	6		
MND23-B002	Borehole	MND23	19921103	21.5	23	Tetrachloroethene	80			UG/KG	6		
P015	PZ	MND23	19921026	54	55	Tetrachloroethene	8			UG/KG	6		
MND23-B002	Borehole	MND23	19921103	8	10	Tetrachloroethene	7			UG/KG	6		
MND23-B002	Borehole	MND23	19921103	16.5	18	Tetrachloroethene	6			UG/KG	6	U	U
402	MNW	34897	19940630	0	0.5	Tetrachloroethene	6			UG/KG	6	U	U
402	MNW	34897	19940630	24	26	Tetrachloroethene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	12	14	Tetrachloroethene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	12	14	Tetrachloroethene	6			UG/KG	6	U	U

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Location Name	Location Type	Project Code	Collection Date	Start depth	End depth	Analyte	Measured Value	RBGV	Screening Level	Units	Dectection Limit	Data Qualifer	Lab Qualifer
P015	PZ	MND23	19921026	19.5	20	Tetrachloroethene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	21.5	22	Tetrachloroethene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	4.5	5	Tetrachloroethene	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	9.5	10	Tetrachloroethene	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	47	48	Tetrachloroethene	5			UG/KG	6	J	J
P015	PZ	MND23	19921026	55.5	56	Tetrachloroethene	5			UG/KG	5	J	J
MND23-B002	Borehole	MND23	19921103	3.5	5	Tetrachloroethene	3			UG/KG	6	J	J
353	MNW	MND20	19930202	4	5	Tetryl	2.5			MG/KG	2.5	U	U
402	MNW	34897	19940630	0	0.5	Tetryl	2.5			MG/KG	2.5	UJ	U
402	MNW	34897	19940630	24	26	Tetryl	2.5			MG/KG	2.5	UJ	U
402	MNW	34897	19940630	24	26	Thallium	0.86			MG/KG	0.86	UJ	UWN
402	MNW	34897	19940630	0	0.5	Thallium	0.82			MG/KG	0.82	UJ	UWN
353	MNW	MND20	19930202	4	5	Thallium	0.48			MG/KG	2.09	U	B
P015	PZ	MND23	19921026	12	14	Thallium	0.46			MG/KG	2.31	U	U
P015	PZ	MND23	19921026	12	14	Thallium	0.46			MG/KG	2.29	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Thallium	0.42			MG/KG	2	U	U
353	MNW	MND20	19930208	16	16.5	Thallium	0.42			MG/KG	0.42	U	U
P015	PZ	MND23	19921026	47	48	Thallium	0.3			MG/KG	1.49	U	U
4808	Surface	SPOILS2001	20010403	0	0	Thorium-227	0.085			PCI/G	0.0518		
BK	Borehole	04-2768	19940517	0	2	Thorium-228	1.11	0.14	3	PCI/G			
353	MNW	MND20	19930208	16	16.5	Thorium-228	0.989	0.14	3	PCI/G	0.158	U	
P015	PZ	MND23	19921026	12	14	Thorium-228	0.895	0.14	3	PCI/G	0.252		
MND23-B002	Borehole	MND23	19921103	8	10	Thorium-228	0.889	0.14	3	PCI/G	0.307		
402	MNW	34897	19940630	24	26	Thorium-228	0.85	0.14	3	PCI/G	0.85	U	
P015	PZ	MND23	19921026	12	14	Thorium-228	0.829	0.14	3	PCI/G	0.437		
S0880	Surface	RSS	19840801	0	0	Thorium-228	0.8	0.14	3	PCI/G			
353	MNW	MND20	19930202	4	5	Thorium-228	0.724			PCI/G	1	U	U
402	MNW	34897	19940630	0	0.5	Thorium-228	0.66	0.14	3	PCI/G	0.66	U	
4808	Surface	SPOILS2001	20010403	0	0	Thorium-228	0.612	0.14	3	PCI/G	0.0518		
MND23-B002	Borehole	MND23	19921103	13	15	Thorium-228	0.26			PCI/G	0.26	U	U
4814	Surface	SPOILS2001	20010430	0	0	Thorium-230	4.99			PCI/G	4.99		U
4800	Surface	SPOILS2001	20010403	0	0	Thorium-230	4.98			PCI/G	4.98		U
4801	Surface	SPOILS2001	20010403	0	0	Thorium-230	4.94			PCI/G	4.94		U
4816	Surface	SPOILS2001	20010403	0	0	Thorium-230	4.75			PCI/G	4.75		U
4819	Surface	SPOILS2001	20010403	0	0	Thorium-230	4.73			PCI/G	4.73		U
4818	Surface	SPOILS2001	20010403	0	0	Thorium-230	4.69			PCI/G	4.69		U
4823	Surface	SPOILS2001	20010403	0	0	Thorium-230	4.63			PCI/G	4.63		U
4817	Surface	SPOILS2001	20010403	0	0	Thorium-230	4.41			PCI/G	4.41		U
4810	Surface	SPOILS2001	20010403	0	0	Thorium-230	4.3			PCI/G	4.3		U
4815	Surface	SPOILS2001	20010403	0	0	Thorium-230	4.27			PCI/G	4.27		U
4822	Surface	SPOILS2001	20010403	0	0	Thorium-230	4.26			PCI/G	4.26		U
4821	Surface	SPOILS2001	20010403	0	0	Thorium-230	4.05			PCI/G	4.05		U
4804	Surface	SPOILS2001	20010403	0	0	Thorium-230	3.69			PCI/G	3.69		U
4809	Surface	SPOILS2001	20010403	0	0	Thorium-230	3.48			PCI/G	3.48		U
4820	Surface	SPOILS2001	20010403	0	0	Thorium-230	3.38			PCI/G	3.38		U
4813	Surface	SPOILS2001	20010403	0	0	Thorium-230	3.2			PCI/G	3.2		U
4798	Surface	SPOILS2001	20010403	0	0	Thorium-230	3.08			PCI/G	3.08		U
4826	Surface	SPOILS2001	20010403	0	0	Thorium-230	3.08			PCI/G	3.08		U
4827	Surface	SPOILS2001	20010403	0	0	Thorium-230	3.08			PCI/G	3.08		U
4829	Surface	SPOILS2001	20010403	0	0	Thorium-230	3.08			PCI/G	3.08		U
4799	Surface	SPOILS2001	20010403	0	0	Thorium-230	3.03			PCI/G	3.03		U
4812	Surface	SPOILS2001	20010403	0	0	Thorium-230	2.99			PCI/G	2.99		U
4828	Surface	SPOILS2001	20010403	0	0	Thorium-230	2.91			PCI/G	2.91		U
4803	Surface	SPOILS2001	20010403	0	0	Thorium-230	2.69			PCI/G	2.69		U
4825	Surface	SPOILS2001	20010403	0	0	Thorium-230	2.64			PCI/G	2.64		U
4824	Surface	SPOILS2001	20010403	0	0	Thorium-230	2.54			PCI/G	2.54		U
4797	Surface	SPOILS2001	20010403	0	0	Thorium-230	2.41			PCI/G	2.41		U
4808	Surface	SPOILS2001	20010403	0	0	Thorium-230	2.32			PCI/G	2.32		U
4807	Surface	SPOILS2001	20010403	0	0	Thorium-230	2.2			PCI/G	2.2		U
4811	Surface	SPOILS2001	20010403	0	0	Thorium-230	1.87			PCI/G	1.87		U
4796	Surface	SPOILS2001	20010403	0	0	Thorium-230	1.8			PCI/G	1.8		U
353	MNW	MND20	19930208	16	16.5	Thorium-230	1.73	0.09	3	PCI/G	0.126	U	
4802	Surface	SPOILS2001	20010403	0	0	Thorium-230	1.6			PCI/G	1.6		U
4808	Surface	SPOILS2001	20010403	0	0	Thorium-230	1.5	0.09	3	PCI/G	0.0518		
MND23-B002	Borehole	MND23	19921103	8	10	Thorium-230	1.5	0.09	3	PCI/G	0.085		
4806	Surface	SPOILS2001	20010403	0	0	Thorium-230	1.49			PCI/G	1.49		U
P015	PZ	MND23	19921026	12	14	Thorium-230	1.37	0.09	3	PCI/G	0.412		
BK	Borehole	04-2768	19940517	0	2	Thorium-230	1.19	0.09	3	PCI/G			
402	MNW	34897	19940630	0	0.5	Thorium-230	1.08	0.09	3	PCI/G			
4805	Surface	SPOILS2001	20010403	0	0	Thorium-230	1.07			PCI/G	1.07		U
P015	PZ	MND23	19921026	12	14	Thorium-230	1	0.09	3	PCI/G	0.213		

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Location Name	Location Type	Project Code	Collection Date	Start depth	End depth	Analyte	Measured Value	RBGV	Screening Level	Units	Dectection Limit	Data Qualifer	Lab Qualifer
353	MNW	MND20	19930202	4	5	Thorium-230	0.983			PCI/G	1	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Thorium-230	0.972	0.09	3	PCI/G	0.111		
402	MNW	34897	19940630	24	26	Thorium-230	0.72	0.09	3	PCI/G			
C0213	Borehole	RSS	19830901	2.5	2.5	Thorium-232	2			PCI/G	2		U
C0213	Borehole	RSS	19830901	5	5	Thorium-232	2			PCI/G	2		U
C0213	Borehole	RSS	19830901	20	20	Thorium-232	2			PCI/G	2		U
C0214	Borehole	RSS	19830901	2.5	2.5	Thorium-232	2			PCI/G	2		U
C0214	Borehole	RSS	19830901	5	5	Thorium-232	2			PCI/G	2		U
C0214	Borehole	RSS	19830901	15	15	Thorium-232	2			PCI/G	2		U
C0193	Borehole	RSS	19840901	7.5	7.5	Thorium-232	2			PCI/G	2		U
C0193	Borehole	RSS	19840901	15	15	Thorium-232	2			PCI/G	2		U
S0851	Surface	RSS	19831001	0	0	Thorium-232	2	0.07	1.47	PCI/G	2		U
S0880	Surface	RSS	19840801	0	0	Thorium-232	2			PCI/G	2		U
S0881	Surface	RSS	19841001	0	0	Thorium-232	2			PCI/G	2		U
S0883	Surface	RSS	19841001	0	0	Thorium-232	2			PCI/G	2		U
S0885	Surface	RSS	19841001	0	0	Thorium-232	2			PCI/G	2		U
S0887	Surface	RSS	19841001	0	0	Thorium-232	2			PCI/G	2		U
S0888	Surface	RSS	19841001	0	0	Thorium-232	2			PCI/G	2		U
S0889	Surface	RSS	19841001	0	0	Thorium-232	2			PCI/G	2		U
S0891	Surface	RSS	19841001	0	0	Thorium-232	2			PCI/G	2		U
S0892	Surface	RSS	19841001	0	0	Thorium-232	2			PCI/G	2		U
S0893	Surface	RSS	19841001	0	0	Thorium-232	2			PCI/G	2		U
S0894	Surface	RSS	19841001	0	0	Thorium-232	2			PCI/G	2		U
S0895	Surface	RSS	19841001	0	0	Thorium-232	2			PCI/G	2		U
S0896	Surface	RSS	19841001	0	0	Thorium-232	2			PCI/G	2		U
S0897	Surface	RSS	19841001	0	0	Thorium-232	2			PCI/G	2		U
S0898	Surface	RSS	19841001	0	0	Thorium-232	2			PCI/G	2		U
S0899	Surface	RSS	19841001	0	0	Thorium-232	2			PCI/G	2		U
S0900	Surface	RSS	19841001	0	0	Thorium-232	2			PCI/G	2		U
S0901	Surface	RSS	19841001	0	0	Thorium-232	2			PCI/G	2		U
S0902	Surface	RSS	19841001	0	0	Thorium-232	2			PCI/G	2		U
S0903	Surface	RSS	19841001	0	0	Thorium-232	2			PCI/G	2		U
S0904	Surface	RSS	19841001	0	0	Thorium-232	2			PCI/G	2		U
S0911	Surface	RSS	19831001	0	0	Thorium-232	2			PCI/G	2		U
BK	Borehole	04-2768	19940517	0	2	Thorium-232	1.12	0.07	1.47	PCI/G			
SCR97	Borehole	SCRDATA	19930428	0	0	Thorium-232	1.1			PCI/G			U
SCR77	Borehole	SCRDATA	19930428	0	0	Thorium-232	1.1			PCI/G			U
P015	PZ	MND23	19921026	12	14	Thorium-232	1.03	0.07	1.47	PCI/G	0.155		
SCR77	Borehole	SCRDATA	19930428	0	0	Thorium-232	1			PCI/G			U
402	MNW	34897	19940630	0	0.5	Thorium-232	1	0.07	1.47	PCI/G			U
402	MNW	34897	19940630	24	26	Thorium-232	1			PCI/G			U
P015	PZ	MND23	19921026	12	14	Thorium-232	0.948	0.07	1.47	PCI/G	0.146		
SCR77	Borehole	SCRDATA	19930428	0	0	Thorium-232	0.9			PCI/G			U
353	MNW	MND20	19930208	16	16.5	Thorium-232	0.824	0.07	1.47	PCI/G	0.049	U	
MND23-B002	Borehole	MND23	19921103	8	10	Thorium-232	0.8	0.07	1.47	PCI/G	0.085		
4817	Surface	SPOILS2001	20010403	0	0	Thorium-232	0.69	0.07	1.47	PCI/G	0.13		
4814	Surface	SPOILS2001	20010430	0	0	Thorium-232	0.65	0.07	1.47	PCI/G	0.17		
4823	Surface	SPOILS2001	20010403	0	0	Thorium-232	0.65	0.07	1.47	PCI/G	0.06		
4820	Surface	SPOILS2001	20010403	0	0	Thorium-232	0.62	0.07	1.47	PCI/G	0.05		
4822	Surface	SPOILS2001	20010403	0	0	Thorium-232	0.62	0.07	1.47	PCI/G	0.06		
4824	Surface	SPOILS2001	20010403	0	0	Thorium-232	0.62	0.07	1.47	PCI/G	0.05		
4808	Surface	SPOILS2001	20010403	0	0	Thorium-232	0.619	0.07	1.47	PCI/G	0.019		
SCR87	Borehole	SCRDATA	19930428	0	0	Thorium-232	0.6			PCI/G			U
4801	Surface	SPOILS2001	20010403	0	0	Thorium-232	0.59	0.07	1.47	PCI/G	0.09		
4807	Surface	SPOILS2001	20010403	0	0	Thorium-232	0.59	0.07	1.47	PCI/G	0.04		
4825	Surface	SPOILS2001	20010403	0	0	Thorium-232	0.59	0.07	1.47	PCI/G	0.05		
4798	Surface	SPOILS2001	20010403	0	0	Thorium-232	0.58	0.07	1.47	PCI/G	0.07		
4812	Surface	SPOILS2001	20010403	0	0	Thorium-232	0.57	0.07	1.47	PCI/G	0.05		
4828	Surface	SPOILS2001	20010403	0	0	Thorium-232	0.56	0.07	1.47	PCI/G	0.004		
4805	Surface	SPOILS2001	20010403	0	0	Thorium-232	0.54	0.07	1.47	PCI/G	0.03		
4811	Surface	SPOILS2001	20010403	0	0	Thorium-232	0.54	0.07	1.47	PCI/G	0.06		
353	MNW	MND20	19930202	4	5	Thorium-232	0.535			PCI/G	1	U	U
4810	Surface	SPOILS2001	20010403	0	0	Thorium-232	0.53	0.07	1.47	PCI/G	0.1		
402	MNW	34897	19940630	0	0.5	Thorium-232	0.53	0.07	1.47	PCI/G			
4818	Surface	SPOILS2001	20010403	0	0	Thorium-232	0.52	0.07	1.47	PCI/G	0.11		
4821	Surface	SPOILS2001	20010403	0	0	Thorium-232	0.52	0.07	1.47	PCI/G	0.08		
4829	Surface	SPOILS2001	20010403	0	0	Thorium-232	0.52	0.07	1.47	PCI/G	0.04		
4819	Surface	SPOILS2001	20010403	0	0	Thorium-232	0.5	0.07	1.47	PCI/G	0.17		
4797	Surface	SPOILS2001	20010403	0	0	Thorium-232	0.49	0.07	1.47	PCI/G	0.04		
4803	Surface	SPOILS2001	20010403	0	0	Thorium-232	0.49	0.07	1.47	PCI/G	0.04		
4809	Surface	SPOILS2001	20010403	0	0	Thorium-232	0.45	0.07	1.47	PCI/G	0.07		

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Location Name	Location Type	Project Code	Collection Date	Start depth	End depth	Analyte	Measured Value	RBGV	Screening Level	Units	Dectection Limit	Data Qualifer	Lab Qualifer
4802	Surface	SPOILS2001	20010403	0	0	Thorium-232	0.44	0.07	1.47	PCI/G	0.05		
4816	Surface	SPOILS2001	20010403	0	0	Thorium-232	0.44	0.07	1.47	PCI/G	0.08		
4799	Surface	SPOILS2001	20010403	0	0	Thorium-232	0.43	0.07	1.47	PCI/G	0.1		
4796	Surface	SPOILS2001	20010403	0	0	Thorium-232	0.39	0.07	1.47	PCI/G	0.06		
4800	Surface	SPOILS2001	20010403	0	0	Thorium-232	0.39	0.07	1.47	PCI/G	0.09		
4808	Surface	SPOILS2001	20010403	0	0	Thorium-232	0.39	0.07	1.47	PCI/G	0.07		
4806	Surface	SPOILS2001	20010403	0	0	Thorium-232	0.36	0.07	1.47	PCI/G	0.02		
4826	Surface	SPOILS2001	20010403	0	0	Thorium-232	0.33	0.07	1.47	PCI/G	0.04		
4813	Surface	SPOILS2001	20010403	0	0	Thorium-232	0.3	0.07	1.47	PCI/G	0.06		
402	MNW	34897	19940630	24	26	Thorium-232	0.3	0.07	1.47	PCI/G			
4827	Surface	SPOILS2001	20010403	0	0	Thorium-232	0.28	0.07	1.47	PCI/G	0.04		
4804	Surface	SPOILS2001	20010403	0	0	Thorium-232	0.26	0.07	1.47	PCI/G	0.09		
4815	Surface	SPOILS2001	20010403	0	0	Thorium-232	0.17	0.07	1.47	PCI/G	0.08		
MND23-B002	Borehole	MND23	19921103	13	15	Thorium-232	0.116	0.07	1.47	PCI/G	0.111		
402	MNW	34897	19940630	24	26	Tin	10.9			MG/KG	10.9	U	U
402	MNW	34897	19940630	0	0.5	Tin	10.5			MG/KG	10.5	U	U
353	MNW	MND20	19930202	4	5	Tin	5.4			MG/KG	10.8	UJ	U
353	MNW	MND20	19930208	16	16.5	Tin	4.9			MG/KG	4.9	UJ	U
MND23-B002	Borehole	MND23	19921103	3.5	5	Toluene	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Toluene	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Toluene	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	16.5	18	Toluene	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	21.5	23	Toluene	6			UG/KG	6	U	U
402	MNW	34897	19940630	0	0.5	Toluene	6			UG/KG	6	U	U
402	MNW	34897	19940630	24	26	Toluene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	12	14	Toluene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	12	14	Toluene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	4.5	5	Toluene	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	9.5	10	Toluene	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	47	48	Toluene	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	55.5	56	Toluene	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	19.5	20	Toluene	2			UG/KG	6	J	J
P015	PZ	MND23	19921026	21.5	22	Toluene	2			UG/KG	6	J	J
P015	PZ	MND23	19921026	54	55	Toluene	2			UG/KG	6	J	J
402	MNW	34897	19940630	24	26	Toxaphene	200			UG/KG	200	U	U
P015	PZ	MND23	19921026	12	14	Toxaphene	200			UG/KG	200	U	U
P015	PZ	MND23	19921026	12	14	Toxaphene	200			UG/KG	200	U	U
402	MNW	34897	19940630	0	0.5	Toxaphene	190			UG/KG	190	U	U
P015	PZ	MND23	19921026	47	48	Toxaphene	180			UG/KG	180	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Trichloroethene	280			UG/KG	6	R	E
MND23-B002	Borehole	MND23	19921103	21.5	23	Trichloroethene	250			UG/KG	6	R	E
P015	PZ	MND23	19921026	4.5	5	Trichloroethene	16			UG/KG	5		
P015	PZ	MND23	19921026	54	55	Trichloroethene	16			UG/KG	6		
P015	PZ	MND23	19921026	47	48	Trichloroethene	11			UG/KG	6		
P015	PZ	MND23	19921026	55.5	56	Trichloroethene	11			UG/KG	5		
MND23-B002	Borehole	MND23	19921103	3.5	5	Trichloroethene	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Trichloroethene	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	16.5	18	Trichloroethene	6			UG/KG	6	U	U
402	MNW	34897	19940630	0	0.5	Trichloroethene	6			UG/KG	6	U	U
402	MNW	34897	19940630	24	26	Trichloroethene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	12	14	Trichloroethene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	12	14	Trichloroethene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	19.5	20	Trichloroethene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	21.5	22	Trichloroethene	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	9.5	10	Trichloroethene	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	4.5	5	Tritium	1.6			PCI/G	1.6	U	U
P015	PZ	MND23	19921026	9.5	10	Tritium	1.6			PCI/G	1.6	U	U
P015	PZ	MND23	19921026	12	14	Tritium	1.6			PCI/G	1.6	U	U
P015	PZ	MND23	19921026	12	14	Tritium	1.6			PCI/G	1.6	U	U
P015	PZ	MND23	19921026	19.5	20	Tritium	1.6			PCI/G	1.6	U	U
P015	PZ	MND23	19921026	21.5	22	Tritium	1.6			PCI/G	1.6	U	U
P015	PZ	MND23	19921026	47	48	Tritium	1.6			PCI/G	1.6	U	U
P015	PZ	MND23	19921026	54	55	Tritium	1.6			PCI/G	1.6	U	U

RBGV and screening levels are provided for detected radionuclide measured values only.

Location Name	Location Type	Project Code	Collection Date	Start depth	End depth	Analyte	Measured Value	RBGV	Screening Level	Units	Dectection Limit	Data Qualifer	Lab Qualifer
P015	PZ	MND23	19921026	55.5	56	Tritium	1.6			PCI/G	1.6	U	U
MND23-B002	Borehole	MND23	19921103	21.5	23	Tritium	0.747	23500		PCI/G	0.025		
402	MNW	34897	19940630	0	0.5	Tritium	0.4			PCI/G	0.4	U	U
353	MNW	MND20	19930208	16	16.5	Tritium	0.284	23500		PCI/G	0.027	U	
BK	Borehole	04-2768	19940517	12	24	Tritium	0.151			PCI/G		R	
BK	Borehole	04-2768	19940517	0	12	Tritium	0.149	23500		PCI/G		R	
MND23-B002	Borehole	MND23	19921103	16.5	18	Tritium	0.104	23500		PCI/G	0.021		
353	MNW	MND20	19930202	4	5	Tritium	0.096	23500		PCI/G	0.03	U	
MND23-B002	Borehole	MND23	19921103	3.5	5	Tritium	0.0817			PCI/G	0.024		
MND23-B002	Borehole	MND23	19921103	13	15	Tritium	0.066	23500		PCI/G	0.019		
MND23-B002	Borehole	MND23	19921103	8	10	Tritium	0.056	23500		PCI/G	0.018		
402	MNW	34897	19940630	24	26	Tritium	-1			PCI/G	-1	U	U
4808	Surface	SPOILS2001	20010403	0	0	Uranium-233/234	0.531	10.5	N/A	PCI/G	0.00565		
353	MNW	MND20	19930208	16	16.5	Uranium-234	1.23	10.5		PCI/G	0.105	U	
P015	PZ	MND23	19921026	12	14	Uranium-234	1.02	10.5		PCI/G	0.189		
P015	PZ	MND23	19921026	12	14	Uranium-234	0.915	10.5		PCI/G	0.184		
BK	Borehole	04-2768	19940517	0	2	Uranium-234	0.89	10.5		PCI/G			
MND23-B002	Borehole	MND23	19921103	8	10	Uranium-234	0.886	10.5		PCI/G	0.0827		
353	MNW	MND20	19930202	4	5	Uranium-234	0.832	10.5		PCI/G	0.13	U	
P015	PZ	MND23	19921026	47	48	Uranium-234	0.664	10.5		PCI/G	0.11		
MND23-B002	Borehole	MND23	19921103	13	15	Uranium-234	0.6	10.5		PCI/G	0.051		
402	MNW	34897	19940630	0	0.5	Uranium-234	0.58	10.5		PCI/G		J	
402	MNW	34897	19940630	24	26	Uranium-234	0.52	10.5		PCI/G		J	
402	MNW	34897	19940630	24	26	Uranium-235	0.06			PCI/G	0.06	UJ	U
4808	Surface	SPOILS2001	20010403	0	0	Uranium-235	0.042	1.6	1.7	PCI/G	0.0154		
BK	Borehole	04-2768	19940517	0	2	Uranium-235	0.028			PCI/G	0.028	U	ND
402	MNW	34897	19940630	0	0.5	Uranium-235	0			PCI/G	0	UJ	U
P015	PZ	MND23	19921026	12	14	Uranium-235/236	0.13			PCI/G	0.13	U	U
P015	PZ	MND23	19921026	12	14	Uranium-235/236	0.12			PCI/G	0.12	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Uranium-235/236	0.083			PCI/G	0.083	U	U
353	MNW	MND20	19930208	16	16.5	Uranium-235/236	0.0548	1.6	1.7	PCI/G	0.041	U	
353	MNW	MND20	19930202	4	5	Uranium-235/236	0.051			PCI/G	0.6	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Uranium-235/236	0.0467	1.6	1.7	PCI/G	0.02		
P015	PZ	MND23	19921026	47	48	Uranium-235/236	0.034			PCI/G	0.034	U	U
S0880	Surface	RSS	19840801	0	0	Uranium-238	2			PCI/G			U
353	MNW	MND20	19930208	16	16.5	Uranium-238	1.15	11.6	12.8	PCI/G	0.105	U	
P015	PZ	MND23	19921026	12	14	Uranium-238	1.09	11.6	12.8	PCI/G	0.145		
P015	PZ	MND23	19921026	12	14	Uranium-238	1.01	11.6	12.8	PCI/G	0.0921		
MND23-B002	Borehole	MND23	19921103	8	10	Uranium-238	0.972	11.6	12.8	PCI/G	0.0827		
P015	PZ	MND23	19921026	47	48	Uranium-238	0.79	11.6	12.8	PCI/G	0.11		
353	MNW	MND20	19930202	4	5	Uranium-238	0.781	11.6	12.8	PCI/G	0.05	U	
BK	Borehole	04-2768	19940517	0	2	Uranium-238	0.768	11.6	12.8	PCI/G			
402	MNW	34897	19940630	0	0.5	Uranium-238	0.7	0.1	1.3	PCI/G		J	
4808	Surface	SPOILS2001	20010403	0	0	Uranium-238	0.633	0.1	1.3	PCI/G	0.00565		
MND23-B002	Borehole	MND23	19921103	13	15	Uranium-238	0.5	11.6	12.8	PCI/G	0.051		
402	MNW	34897	19940630	24	26	Uranium-238	0.48	11.6	12.8	PCI/G		J	
P015	PZ	MND23	19921026	12	14	Vanadium	22.3			MG/KG	2.29		J
P015	PZ	MND23	19921026	12	14	Vanadium	21.8			MG/KG	2.29		J
353	MNW	MND20	19930202	4	5	Vanadium	17.5			MG/KG	2.15	U	
MND23-B002	Borehole	MND23	19921103	13	15	Vanadium	13.7			MG/KG	2		
353	MNW	MND20	19930208	16	16.5	Vanadium	13			MG/KG	1.97	U	
402	MNW	34897	19940630	0	0.5	Vanadium	12.6			MG/KG			
P015	PZ	MND23	19921026	47	48	Vanadium	10.5			MG/KG	8.94	B	J
402	MNW	34897	19940630	24	26	Vanadium	6.3			MG/KG			
MND23-B002	Borehole	MND23	19921103	3.5	5	Vinyl Acetate	12			UG/KG	12	U	U
MND23-B002	Borehole	MND23	19921103	21.5	23	Vinyl Acetate	12			UG/KG	12	U	U
402	MNW	34897	19940630	24	26	Vinyl Acetate	12			UG/KG	12	U	U
P015	PZ	MND23	19921026	12	14	Vinyl Acetate	12			UG/KG	12	U	U
P015	PZ	MND23	19921026	12	14	Vinyl Acetate	12			UG/KG	12	U	U
P015	PZ	MND23	19921026	19.5	20	Vinyl Acetate	12			UG/KG	12	U	U
P015	PZ	MND23	19921026	21.5	22	Vinyl Acetate	12			UG/KG	12	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Vinyl Acetate	11			UG/KG	11	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Vinyl Acetate	11			UG/KG	11	U	U
MND23-B002	Borehole	MND23	19921103	16.5	18	Vinyl Acetate	11			UG/KG	11	U	U
402	MNW	34897	19940630	0	0.5	Vinyl Acetate	11			UG/KG	11	U	U
P015	PZ	MND23	19921026	4.5	5	Vinyl Acetate	11			UG/KG	11	U	U
P015	PZ	MND23	19921026	9.5	10	Vinyl Acetate	11			UG/KG	11	U	U
P015	PZ	MND23	19921026	47	48	Vinyl Acetate	11			UG/KG	11	U	U
P015	PZ	MND23	19921026	54	55	Vinyl Acetate	11			UG/KG	11	U	U
P015	PZ	MND23	19921026	55.5	56	Vinyl Acetate	11			UG/KG	11	U	U
MND23-B002	Borehole	MND23	19921103	3.5	5	Vinyl Chloride	12			UG/KG	12	U	U

RBGV and screening levels are provided for detected radionuclide measured values only.

Location Name	Location Type	Project Code	Collection Date	Start depth	End depth	Analyte	Measured Value	RBGV	Screening Level	Units	Dectection Limit	Data Qualifer	Lab Qualifer
MND23-B002	Borehole	MND23	19921103	21.5	23	Vinyl Chloride	12			UG/KG	12	U	U
402	MNW	34897	19940630	24	26	Vinyl Chloride	12			UG/KG	12	U	U
P015	PZ	MND23	19921026	12	14	Vinyl Chloride	12			UG/KG	12	U	U
P015	PZ	MND23	19921026	12	14	Vinyl Chloride	12			UG/KG	12	U	U
P015	PZ	MND23	19921026	19.5	20	Vinyl Chloride	12			UG/KG	12	U	U
P015	PZ	MND23	19921026	21.5	22	Vinyl Chloride	12			UG/KG	12	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Vinyl Chloride	11			UG/KG	11	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Vinyl Chloride	11			UG/KG	11	U	U
MND23-B002	Borehole	MND23	19921103	16.5	18	Vinyl Chloride	11			UG/KG	11	U	U
402	MNW	34897	19940630	0	0.5	Vinyl Chloride	11			UG/KG	11	U	U
P015	PZ	MND23	19921026	4.5	5	Vinyl Chloride	11			UG/KG	11	U	U
P015	PZ	MND23	19921026	9.5	10	Vinyl Chloride	11			UG/KG	11	U	U
P015	PZ	MND23	19921026	47	48	Vinyl Chloride	11			UG/KG	11	U	U
P015	PZ	MND23	19921026	54	55	Vinyl Chloride	11			UG/KG	11	U	U
P015	PZ	MND23	19921026	55.5	56	Vinyl Chloride	11			UG/KG	11	U	U
MND23-B002	Borehole	MND23	19921103	3.5	5	Xylenes, Total	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	8	10	Xylenes, Total	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	13	15	Xylenes, Total	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	16.5	18	Xylenes, Total	6			UG/KG	6	U	U
MND23-B002	Borehole	MND23	19921103	21.5	23	Xylenes, Total	6			UG/KG	6	U	U
402	MNW	34897	19940630	0	0.5	Xylenes, Total	6			UG/KG	6	U	U
402	MNW	34897	19940630	24	26	Xylenes, Total	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	12	14	Xylenes, Total	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	12	14	Xylenes, Total	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	19.5	20	Xylenes, Total	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	21.5	22	Xylenes, Total	6			UG/KG	6	U	U
P015	PZ	MND23	19921026	4.5	5	Xylenes, Total	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	9.5	10	Xylenes, Total	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	47	48	Xylenes, Total	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	55.5	56	Xylenes, Total	5			UG/KG	5	U	U
P015	PZ	MND23	19921026	54	55	Xylenes, Total	1			UG/KG	6	J	J
P015	PZ	MND23	19921026	12	14	Zinc	48			MG/KG	4.58		
P015	PZ	MND23	19921026	12	14	Zinc	45.8			MG/KG	4.58		
402	MNW	34897	19940630	0	0.5	Zinc	37.1			MG/KG		J	
MND23-B002	Borehole	MND23	19921103	13	15	Zinc	34.9			MG/KG	4		
353	MNW	MND20	19930202	4	5	Zinc	33.7			MG/KG	4.3	U	
353	MNW	MND20	19930208	16	16.5	Zinc	28.2			MG/KG	29.5	U	*
P015	PZ	MND23	19921026	47	48	Zinc	21.7			MG/KG	17.9		
402	MNW	34897	19940630	24	26	Zinc	18.7			MG/KG		J	

Collection date (i.e. 19830901)	Year, month, and day
RBGV	Risk-based guideline values
RSS	Radiological Site Survey
SCRDATA	Mound Plant Screening Data
04-2768	Regional Soils Investigation
SPOILS 2001	Sampling to Release URMA at Construction Spoils Area
MND23	PAW Soils-Operable Unit 1(RIR)
MND20	Mound-Operable Unit 9
34897	New Property Extended Phase
Surface	Soil surface sample
Borehole	Soil sample derived from a boring
MNW	Monitoring Well
PZ	Piezometer
PCI/G	picoCurie per gram
MG/KG	milligrams per kilogram
UG/KG	micrograms per kilogram
PG/G	picograms per gram
R	rejected
UG/KG	not detected
N*	
J	estimated
*	

RBGV and screening levels are provided for detected radionuclide measured values only.

SUPPORTING
INFORMATION

APPENDIX C

COC SUPPORTING INFORMATION

1.0 SUPPORT DOCUMENTATION

1.1 HISTORICAL INFORMATION

At the time of its purchase by Mound in 1981, the site of the Construction Spoils Area was used as farmland (Reference 5). The Construction Spoils Area is an active site currently. The Construction Spoils Area was specifically designed for the storage of soils, debris, and concrete removed during onsite construction projects (Reference 5 and 6). Soils and concrete within the Construction Spoils Area were screened for plutonium-238 and thorium-232 prior to release as fill, and then unloaded onto the ground surface (Reference 6). Grading and compaction were performed to support a building foundation but has yet to be used for that purpose. Screening standards originally used for release as fill were 25 pCi/g for plutonium-238 and 5 pCi/g for thorium-232 (Reference 5 and 6).

Three groundwater monitoring wells have been installed within the PRS 282 boundary; these wells are discussed further in Section 1.3 of this appendix.

Piezometers P046 and P031 are located on the southwest edge and P027 on the west edge of the PRS 282 boundary. Soil samples were not submitted for analysis at the time these wells were installed.

Building 300 Containment Assessment Piezometers, P052 and P047, are located on the northwest edge of the PRS 282 boundary. In addition, two monitoring wells, 0418 and 0419, are located on the northwest section of the PRS 282 boundary. Groundwater analytical results from these wells are influenced significantly by Mound's OU1 landfill directly north of PRS 282.

1.2 CONTAMINANTS OF CONCERN

Potential COCs were identified by the Core Team based on historical information obtained from the **OU 9, Site Scoping Report**: Volume 12-Site Summary Report, which identifies the COCs as plutonium-238, thorium-232, and gasoline contaminated soils from G Building (Reference 7). Soil and concrete within the Construction Spoils Area were screened for plutonium-238 and thorium-232 prior to release as fill, using screening standards of 25 pCi/g for plutonium-238 and 5 pCi/g for thorium-232 (Reference 5 and 6). Current screening standards used for release of soil and concrete as fill into the Construction Spoils Area are 25 pCi/g for plutonium-238 and 2 pCi/g for thorium-232 (Reference 5).

There has been no data from previous sampling investigations documenting the presence of volatiles above the current 10^{-6} RBGV in soil. However based on the historic reference of the disposal of gasoline contaminated soil from G Building, a conservative approach of field screening for volatiles using headspace analysis will be used.

COCs that were considered but not retained are discussed below:

Analysis for semi-volatiles was evaluated based on previous sampling data. All concentrations of semi-volatiles were below current 10^{-6} RBGVs, for core borings taken at wells P015 and 0402 and at borehole B002 (Reference 8).

Analysis for metals was evaluated based on previous sampling data. All concentrations of metals were below current 10^{-6} RBGVs, for core borings taken at wells P015, 0353, and 0402, and at borehole B002. Magnesium was detected above OU 9 background soil concentration at P015. Magnesium and silver were detected above OU 9 background soil concentrations at 0402. Silver was detected above OU 9 background soil concentration at B002 (Reference 8).

1.3 PREVIOUS INVESTIGATIONS

Previous sampling locations can be found on Figure 3 (Appendix A) and all soil results for these locations are contained in Table 5 (Appendix B).

Radiological Site Survey. In 1983, twenty-nine (29) locations within the PRS 282 boundary were examined as part of the Radiological Site Survey (Reference 6). Twenty-six locations were surface samples and three locations were core borings (Reference 6). Samples were analyzed for plutonium and gamma emitting isotopes (Reference 6). The maximum plutonium-238 activity detected was 8.3 pCi/g. "Total thorium concentration was less than the background level of 2 pC/g using FIDLER screening therefore, radiochemical analysis was not performed" (Reference 6). Radium-226 activity was detected at 0.9 pCi/g in two samples, which is above the 10^{-6} RBGV, but below the OU 9 background soil concentration of 2.0 pCi/g (Reference 8). Thorium-228 was detected at a concentration of 0.80 pCi/g, which is above the 10^{-6} RBGV, but below the OU 9 background soil concentration of 1.5 pCi/g (Reference 8).

Borehole MND23-B002. Borehole B002 is located at the northwest corner of the PRS 282 boundary. Core borings taken on November 3, 1992 were analyzed for radionuclides, volatile and semi-volatile organics, dioxin/furan, anions, organic carbon, and metals. Samples were taken to a depth of 23 feet bgs. Dioxin/furan results are discussed below (see Position Paper). All concentrations of volatile and semi-volatile organics were below current 10^{-6} RBGVs (Reference 8). RBGVs are not available for anions and organic carbon so they were not evaluated. All radionuclides are below current screening levels and none exceeds OU 9 background soil concentrations (Reference 8). All concentrations of metals are below current 10^{-6} RBGVs, however silver was detected above the OU 9 background soil concentration, at 2 mg/kg, at a depth of 15 feet bgs (Reference 8).

Well P015. Piezometer well P015 was installed in 1992 near the center of the PRS 282 boundary to a depth of 57 feet. Core borings taken during well installation were analyzed for dioxins/furans, radionuclides, volatile and semi-volatile organics, metals, anions, and organic carbon. Dioxin/furan results are discussed below (see Position Paper). All concentrations of volatile and semi-volatile organics were below current 10^{-6} RBGVs. RBGVs are not available for anions and organic carbon so they were not evaluated. All radionuclide concentrations were below current screening levels and none exceeds the OU 9 background soil concentrations except one; plutonium-238 was

detected at a concentration of 0.29 pCi/g and at a depth of 14 feet, bgs (Reference 8). All concentrations of metals were below current 10^{-6} RBGVs, however magnesium and silver were detected above OU 9 background soil concentrations. Magnesium was detected at a maximum concentration of 69,000 mg/kg and silver was detected at a maximum concentration of 5.8 mg/kg (Reference 8).

Well 0353. Monitoring well 0353 was installed in 1993 on the east side of PRS 282 boundary to a depth of 18 feet (Reference 8). Core borings taken during well installation were analyzed for radionuclides, anions, organic carbon, and metals (Reference 8). All concentrations of radionuclides and metals were below OU 9 soil background concentrations, current screening levels, and 10^{-6} RBGVs (Reference 8). RBGVs are not available for anions and organic carbon so they were not evaluated (Reference 8).

Position Paper on Dioxin in Soils at the Mound Facility. In 1993, a Mound Position paper reviewed results of piezometer well boring P015 and boring B002 for dioxin/furan concentrations (Reference 9). The maximum equivalent concentration for dioxins/furans (2,3,7,8 TCDD) detected in soil was 0.0077 parts per billion for P015 and 4.212 E-05 ppb for B002 (Reference 9). The study was conducted to, "determine if the burning of solvents in the OU1 landfill could have caused widespread surface soil dioxin/furan contamination (Reference 9)." The study concluded, "that a dioxin/furan contamination problem did not exist at the Mound facility due to the low levels of dioxin/furan compounds that have been detected (Reference 9)."

The results for soil samples taken from well 0402 were reported in the 1996 OU5, New Property Remedial Investigation Report (Reference 10). Monitoring well 0402 was installed in 1994 on the southwest end of PRS 282 to a depth of 32.6 feet (Reference 8). Core borings taken from well 0402 during installation were analyzed for radionuclides, volatile and semi-volatile organics, explosives, pesticides/polychlorinated biphenyl (PCBs), anions, organic carbon, and metals (Reference 10). All concentrations of volatile and semi-volatile organics, explosives, pesticides/PCBs, and metals were below current 10^{-6} RBGVs (Reference 8). RBGVs are not available for anions and organic carbon so they were not evaluated. Thorium-230, thorium-232, radium-226,

and potassium-40 were detected above current 10^{-6} RBGVs, at both the surface and at a depth of 26 feet bgs (Reference 8). However, concentrations of these radionuclides were below OU 9 soil background concentrations and screening levels (Reference 8).

Spoils 2001. In 2001, Mound Waste Management investigated an area within the PRS 282 boundary posted as an Underground Radiological Materials Area (URMA) (Reference 11). The URMA posting was based on Mound Plant Screening Data from 1998 indicating a thorium-230 result of 5.47 pCi/g (Reference 11). Soil samples were collected to a depth of 6-inches from thirty-four (34), 10-foot by 10-foot square grids (Reference 12). The samples identified as 4796 through 4829, were analyzed by gamma spectrometry using a minimum detectable activity (MDA) for thorium-230 of less than 5 pCi/g (Reference 12). One sample located within grid 4808 was submitted for isotopic alpha spectrometry (Reference 12). All concentrations of radionuclides were below URMA posting requirements of 5 pCi/g for thorium and 55 pCi/g for plutonium therefore Waste Management deposted the area (Reference 11). URMA posting requirements are based on Mound 80036, Operation 90004, Posting for Radiological Control Procedures (Reference 11).