3001-0302250008

BWX Technologies, Inc.
a McDermott company

BWXT of Ohio, Inc.
1 Mound Road
P.O. Box 3030
Miamisburg, Ohio 45343-3030
(937) 865-4020

ER-148/02
June 12, 2002

Mr. Richard B. Provencher, Director
Miamisburg Environmental Management Project
U. S. Department of Energy
P. O. Box 66
Miamisburg, OH 45343-0066

ATTENTION: Robert S. Rothman

SUBJECT: Contract No. DE-AC24-97OH20044
PRS 258-265 PACKAGE, PUBLIC REVIEW DRAFT

REFERENCE: Statement of Work Requirement C.7.1e - Regulator Reports

Dear Mr. Provencher:

Rob Rothman from your office has approved the release of the following document to the regulators for their review:

PRS 258-265 Package, Public Review Draft

The public review period will be from 12 June to 12 July 2002. BWXTO will respond to any comments received and incorporate the responses into the final document.

If you or members of your staff have any questions regarding the document, or if additional support is needed, please contact Dave Rakel at extension 4203.

Sincerely,

Monte A. Williams
Project Manager, Environmental Restoration

MAW/KMA:kma

Enclosures

cc: Tim Fischer, USEPA, (1) w/attachments
Brian Nickel, OEPA, (4) w/attachments
Ruth Vandegrift, ODH, (1) w/attachments
Paul Lucas, DOE/MEMP, (1) w/attachments
Sue Smiley, DOE/MEMP, (1) w/attachments
Randy Tormey, DOE/HQ, (1) w/attachments
Dann Bird, MMCIC, (3), w/attachments
Craig Hansen, BWXT of Ohio, (1) w/attachments
Dave Rakel, BWXT of Ohio, (1) w/attachments
Karen Arthur, BWXT of Ohio, (1) w/attachments
Monte Williams, BWXT of Ohio, (2) w/attachment
Public Reading Room, (5) w/attachments
DCC

3001-0302250008

MOUND

Environmental
Restoration
Program

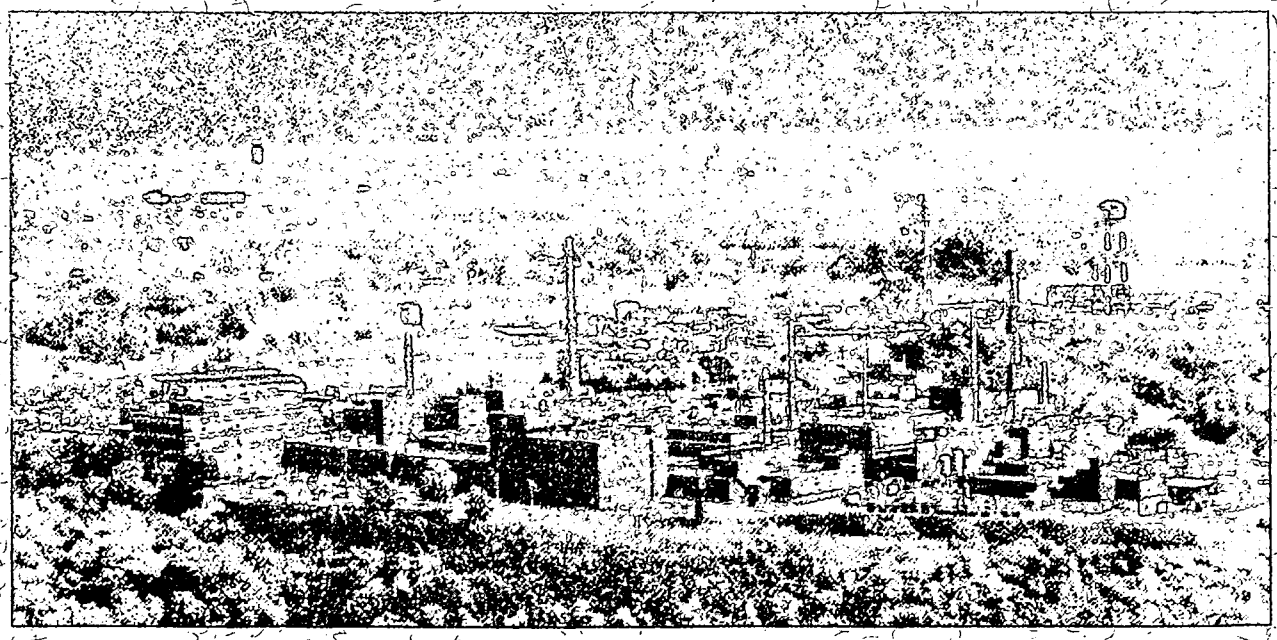
OhioEPA

MOUND PLANT

Potential Release Site Package

PRS # 258/259/260/261/262/263/264/265

PUBLIC REVIEW DRAFT
JUNE 2002



MOUND

Environmental Restoration Program

MOUND PLANT POTENTIAL RELEASE SITE PACKAGE

Notice of Public Review Period

The following Potential Release Site (PRS) package is available for public review in the CERCLA Public Reading Room, 305 E. Central Ave., Miamisburg, Ohio. Public comment on this document will be accepted June 12, 2002 through July 12, 2002.

PRS 258, 259, 260, 261, 262, 263, 264, and 265 : Burn Area

Questions can be referred to Paul Lucas at (937) 865-4578.

PRS 258/259/260/261/262/263/264/265 Package Tracking Sheet

REVISION	DESCRIPTION	DATE
WORKING DRAFT		**11 April 2001**
DRAFT	DOE/BWXTO review of working Draft on 16 April 2001. Distribute for Core Team evaluation (binning) in May 2001.	**16 April 2001**
DRAFT PROPOSED FINAL	Binned NFA on 19 June 2001	**May 2002**
PUBLIC REVIEW DRAFT	Available for public review/comment 12 June – 12 July 2002	**June 2002**
FINAL		

PRS 258/259/260/261/262/263/264/265

PRS HISTORY:

Potential Release Sites (PRSs) 258 through 265 refer to the waste storage and treatment facilities located in the "Burn Area". The document Operable Unit 9, Site Scoping Report: Volume 12 – Site Summary Report identifies potential hazardous substances associated with these PRSs [1]. This area is located on the SM/PP Hill, north of PRS 407 (Figures 2 and 3). A variety of wastes such as explosive powders, pyrotechnic materials, solid wastes contaminated with energetic materials, and non-radiological weapons components were thermally treated in the "Burn Area" [2,3].

BACKGROUND:

The subject PRSs include the units or facilities listed below in Table 1. They are identified as RCRA PRSs. RCRA closure has been accomplished [4,5]. None of the facilities remain standing. Post closure GIS sampling information is presented in Table 2 [6].

Table 1: Historical SM/PP Hill Burn Area PRSs

PRS	Unit	Description	In Service Dates
258	Open Burn Cubicle	Thermal treatment unit – open burn	1966-1995
259	Pyrotechnics Shed	Waste storage shed – pyrotechnic materials	1975-1996
260	Thermal Treatment Unit	Thermal treatment unit – electrical furnace operated within the Open Burn Cubicle	1966-1991
261	Trash Burner Area	Thermal treatment unit	1950s-1988
262	Retort	Thermal treatment unit – rotary kiln	1984-1995
263	Building 90	Thermal treatment unit – rotary kiln	1984-1995
264	Magazine 53	Waste storage bunker – secondary explosives	1970-1996
265	Pretreatment Unit	Evaporation of waste solvents prior to thermal treatment via Open Burn Cubicle	1966-1991

CONTAMINATION:

Based on historical information, contaminants of concern (COCs) for PRSs 258 through 265 included volatile organic compounds (VOCs), radionuclides, and heavy metals [6]. However, based on sampling results, only beryllium was found at values exceeding 10^{-6} Risk-Based Guideline Value (RBGV) and background.

Table 2: Representative PRS Related GIS Sampling Information

Contaminant	**Sample Location**	**Concentration** (mg/kg)	**10^{-6} RBGV** (mg/kg)	**Background Value** (mg/kg)
Beryllium	011	3.6	2.0	1.30
Beryllium	0087	2.2	2.0	1.30
Beryllium	0086	2.0	2.0	1.30
Beryllium	0084	2.3	2.0	1.30

RBGV = Risk-Based Guideline Value

READING ROOM REFERENCES:

1) Operable Unit 9, Site Scoping Report: Volume 12—Site Summary Report, December 1994
2) Preliminary Review/Visual Site Inspection for RCRA Facility Assessment of Mound Plant, July 1988
3) Operable Unit 9, Site Scoping Report: Volume 7—Waste Management, February 1993

OTHER REFERENCES:

4) Closure Plan Approval Letter
5) Excerpt from Closure Report containing Certificates of Closure
6) GIS Mapping/Sampling Information

PREPARED BY:

Karen M. Arthur, Member of BWXTO Technical Staff
Erin K. Rothman, Member of ERQA Technical Staff
Mary Beth England, Member of BWXTO Technical Staff
Billy M. Farmer, Member of BWXTO Technical Staff
Joseph C. Geneczko, Member of BWXTO Technical Staff
W. David Gloeckler, Member of BWXTO Technical Staff
Floyd A. Hertweck, Jr., Member of BWXTO Technical Staff
Stephen S. Pawel, Member of BWXTO Technical Staff

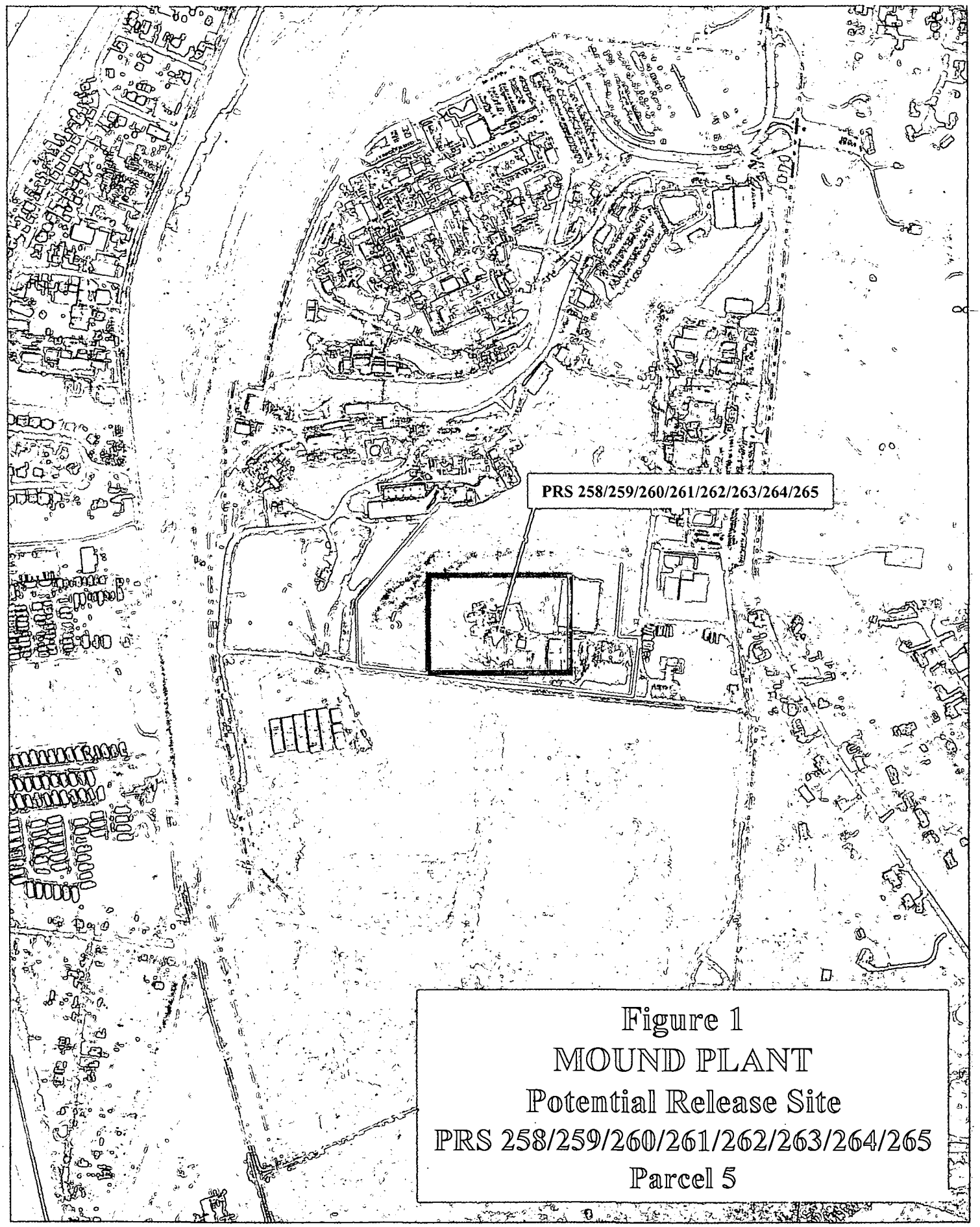
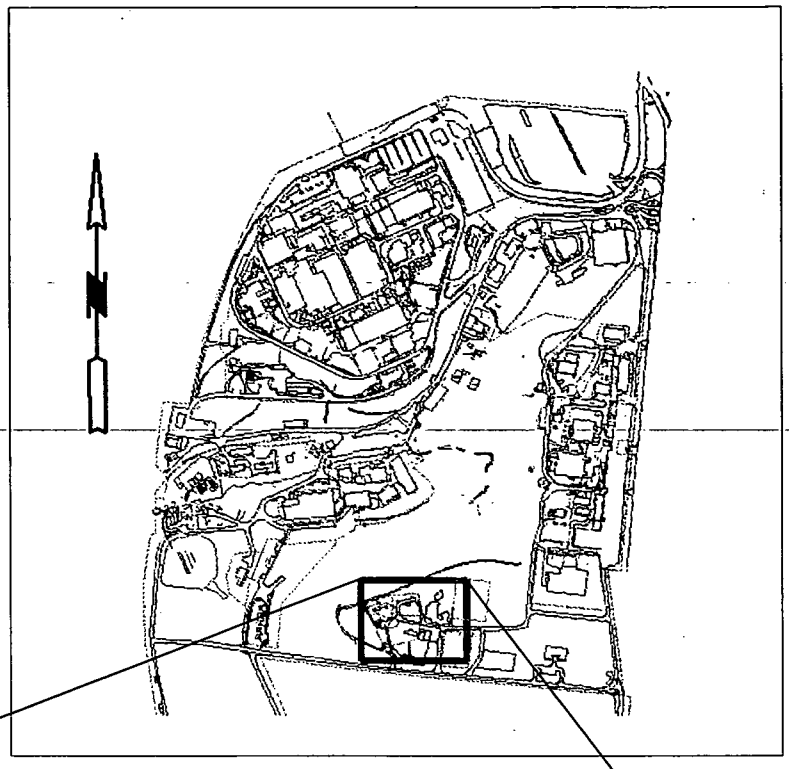


Figure 1
MOUND PLANT
Potential Release Site
PRS 258/259/260/261/262/263/264/265
Parcel 5

Figure 2
Mound Plant
PRS 258/259/260/261/262/ 263/264/265 Burn Area

On the map below:
- PRS number and location shown in black
- Fencing shown in red
- Elevation contours shown in brown
- Other PRS's shown in blue



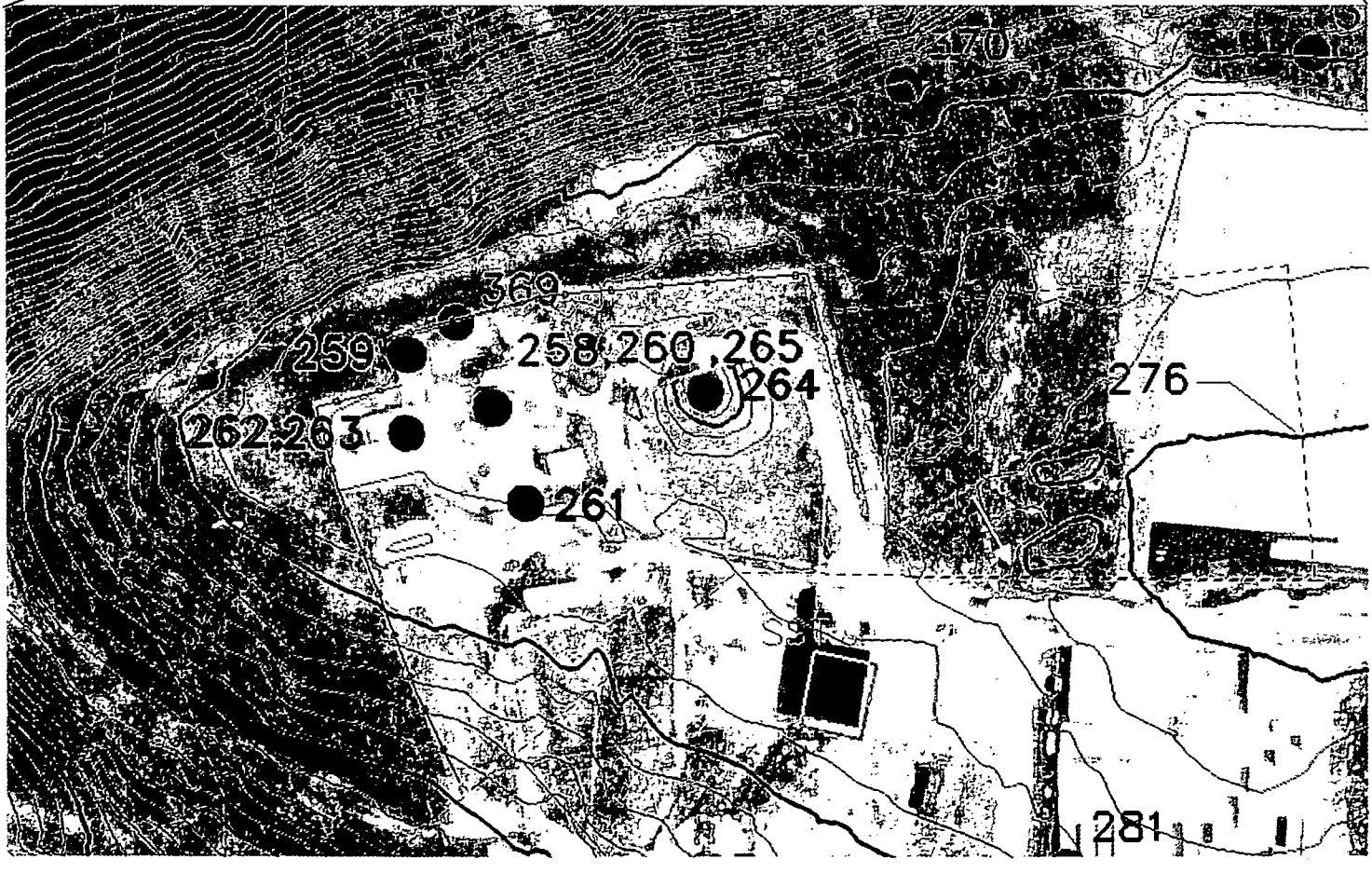


Figure 3: Burn Area

MOUND PLANT
PRS 258/259/260/261/262/263/264/265
Burn Area

RECOMMENDATION:

Potential Release Sites (PRSs) 258 through 265 refer to the waste storage and treatment facilities formerly located in the "Burn Area" where a variety of wastes such as solvents, explosive powders, pyrotechnic materials, solid wastes contaminated with energetic materials, and non-radiological weapons components were thermally treated. Beryllium was the only COC identified as exceeding its Guideline Value (GV) for sampling events. There are no reported recent historical events to indicate other reasons for concern.

Available data supports that radiological contamination is within acceptable risk (10^{-5}) for industrial reuse.

A RCRA Closure Report was submitted to the Ohio Environmental Protection Agency (OEPA), which documents that the standards established for the RCRA constituents presented in the OEPA-approved Closure Plan have been met.

The Core Team therefore recommends NO FURTHER ASSESSMENT for PRSs 258-265.

CONCURRENCE:

DOE/MEMP: Robert S. Rothman, Remedial Project Manager 6/11/02 (date)

USEPA: Timothy J. Fischer, Remedial Project Manager 6/11/02 (date)

OEPA: Kathy Leetzo for Brian Nickel
Brian K. Nickel, Project Manager (date) 6/12/02

REFERENCE MATERIAL
PRS 258/259/260/261/262/263/264/265

Reference 1

ENVIRONMENTAL RESTORATION PROGRAM

OPERABLE UNIT 9
SITE SCOPING REPORT:
VOLUME 12 - SITE SUMMARY REPORT

MOUND PLANT
MIAMISBURG, OHIO

December 1994

U.S. DEPARTMENT OF ENERGY
OHIO FIELD OFFICE

ENVIRONMENTAL RESTORATION PROGRAM
EG&G MOUND APPLIED TECHNOLOGIES

FINAL

Description of History and Nature of Waste Handling						Hazardous Conditions and Incidents			Environmental Data		
No.	Site Name	Location	Status	Potential Hazardous Substances	Ref	Releases	Media	Ref	Analytes[a]	Results	Ref
256	WD Building Stack (AHR)	F-6	In service	Plutonium-238	4, 18	(Cont.)	(Cont.)	(Cont.)	(Cont.)	(Cont.)	(Cont
257	WD Building Stack (SS)	F-6	In service	Plutonium-238	4, 18						
258	Area H Open Burn Unit (AKA Pyrotechnic Waste Disposal Area)	I-7	In service	Wastewater from explosives processes Organic solvents (primarily acetone)	1, 4, 5, 18	Suspected, not confirmed	S	7, 18	3, 4, 5, 6, 10, 11, 12 14	Tables B.6, B.7, and B.8 Table B.9 RSS[c] Location S0783 (Appendix E in Ref. 6)	7 6
259	Pyrotechnic Waste Shed	I-7	In service	Pyrotechnic powders Pyrotechnic-contaminated wastes Mineral oil	4, 5, 18	Suspected, not confirmed	S	7, 18	3, 4, 5, 6, 12 14	Tables B.6, B.7, and B.8 Table B.9 RSS[c] Location S0780 (Appendix E in Ref. 6)	7 6
260	Thermal Treatment Unit	I-7	Inactive	Antifreeze Explosives Program waste Mild detonating cords and fuses Pyrotechnic powders Solid primary explosives	4, 5, 18	Suspected, not confirmed	S	7, 18	3, 4, 5, 6, 12 14	Tables B.6, B.7, and B.8 Table B.9 RSS[c] Location S0783 (Appendix E in Ref. 6)	7 6
261	Trash Burner Area	I-7	Historical	Mild detonating fuses Pyrotechnic material Thermite Freon Acetone	4, 5, 18	Suspected, not confirmed	S	7, 18	3, 4, 5, 6, 12, 13	Tables B.6, B.7, and B.8	7
262	Retort	I-7	In service	Explosives Programs constituents Metals, Asbestos Diallyl-phthalates-based plastic components	4, 5, 18	Gaseous and particulate emissions released to atmosphere	A	4	No Data		
263	Building 90 Blockhouse										

Description of History and Nature of Waste Handling						Hazardous Conditions and Incidents			Environmental Data		
No.	Site Name	Location	Status	Potential Hazardous Substances	Ref	Releases	Media	Ref	Analytes*	Results	Ref
264	Explosive Waste Storage Bunker (Magazine 53)	I-7	In service	Classified, non-explosive wastes Explosion residuals (primarily aluminum residuals) Contaminants listed under Explosive Waste Storage Bunker (Magazine 53) Detonators, Detonating cord, Thermite, Pyrotechnic powders, Primary explosives High explosive powder, PETN, PBX, RDX, HMX, HNS, CP HNS (hexanitrostilbene)	4, 5, 18	None Suspected			No Data		
265	Biodegradation Unit	I-7	Inactive	Soapy wastewater containing explosives constituents	4, 5, 18	Suspected	S	7, 18	See Pyrotechnic Waste Shed		4
266	Area 8, Thorium-Contaminated Soils from Areas 1 and 9	F-9	Grounds	Thorium-232, Plutonium-238	1, 4, 5, 18	Thorium	S	4, 6	14, 15, 16	Table B.1 (Table V.3 in Ref. 6)	6
267	Area 9, Thorium Storage and Redrumming Area	F-9 G-9	Grounds	Plutonium-238, Thorium Thorium sludge constituents (c)	1, 4, 5, 18	Thorium	S	4, 6	14	Table B.1 (Table V.4 in Ref. 6)	6
268	Building 31, Contaminated Material Storage Building	F-9	In service	Plutonium-238 Thorium Tritium	4 3	None Suspected			See Area 9	Table B.9	6
269	Building 36 Historic Gasoline Tanks (Tanks 239 and 240)	G-10	Historical	Gasoline	3	No information on when tanks were removed			No Data		
270	Underground Sanitary Sewer Lines G6 & G7	G-10	In Service	Organic solvents, plating solutions, laboratory chemicals, nitric acid, hydrochloric acid, methylene chloride, strong acids and bases	4	Suspected VOCs	S	4	3, 4, 5, 6, 9, 10, 11, 12, 13, 16	Tables B.6, B.7, B.8, and B.9	7
271	Building 37 Sanitary Waste Tank (Tank 100)	F-10	In service	Sanitary wastes	3, 4	None Suspected			No Data		

A.

1 - Soil Gas Survey - Freon 11, Freon 113, Trans-1,2-Dichloroethylene, Cis-1,2-Dichloroethylene, 1,1,1-Trichloroethane, Perchloroethylene, Trichloroethylene, Toluene
2 - Gamma Spectroscopy - Thorium-228, -230, Cobalt-60, Cesium-137, Radium-224, -226, -228, Americium-241, Actinium-227, Bismuth-207, Bismuth-210m, Potassium-40
3 - Target Analyte List
4 - Target Compound List (VOC)
5 - Target Compound List (SVOC)
6 - Target Compound List (Pesticides/Polychlorinated Biphenyl)
7 - Dioxins/Furans
8 - Extractable Petroleum Hydrocarbons (EPH)/Total Petroleum Hydrocarbons (TPH)
9 - Lithium
10 - Nitrate/Nitrite
11 - Chloride
12 - Explosives
13 - Plutonium-238
14 - Plutonium-238, Thorium-232
15 - Cobalt-60, Cesium-137, Radium-226, Americium-241
16 - Tritium

Reference List

1. DOE 1986 "Phase I Installation Assessment Mound (DRAFT)."
2. DOE 1992a "Remedial Investigation/Feasibility Study, Operable Unit 9, Site-Wide Work Plan (Final)."
3. DOE 1992c "Mound Plant Underground Storage Tank Program Plan & Regulatory Status Review (Final)."
4. DOE 1993a "Site Scoping Report: Volume 7 - Waste Management (Final)."
5. EPA 1988a "Preliminary Review/Visual Site Inspection for RCRA Facility Assessment of Mound Plant."
6. DOE 1993d "Operable Unit 9, Site Scoping Report: Volume 3 - Radiological Site Survey (Final)."
7. DOE 1993c "Operable Unit 3, Miscellaneous Sites Limited Field Investigation Report."
8. DOE 1992d "Reconnaissance Sampling Report Decontamination & Decommissioning Areas, OU6, (Final)."
9. Fentiman 1990 "Characterization of Mound's Hazardous, Radioactive and Mixed Wastes."
10. DOE 1992f "Operable Unit 9, Site Scoping Report: Volume 11 - Spills and Response Actions (Final)."
11. Styron and Meyer 1981 "Potable Water Standards Project: Final Report."
12. DOE 1993b "Reconnaissance Sampling Report - Soil Gas Survey & Geophysical Investigations, Mound Plant Main Hill and SM/PP Hill (Final)."
13. DOE 1993d "Operable Unit 9, Site Scoping Report: Volume 3 - Radiological Site Survey (Final)."
14. DOE 1991b "Main Hill Seeps, Operable Unit 2, On-Scene Coordinator Report for CERCLA Section 104 Remedial Action, West Powerhouse PCB Site."
15. Halford 1990 "Results of South Pond Sampling."
16. DOE 1993e "Operable Unit 4, Special Canal Sampling Report, Miami Erie Canal."
17. DOE 1990 "Preliminary Results of Reconnaissance Magnetic Survey of Mound Plant Areas 2, 6, 7, and C."
18. DOE 1992a "Remedial Investigation/Feasibility Study, Operable Unit 9, Site-Wide Work Plan (Final)."
19. Rogers 1975 "Mound Laboratory Environmental Plutonium Study, 1974."
20. DOE 1992h "Ground Water and Seep Water Quality Data Report Through First Quarter, FY92."
21. Dames and Moore 1976 a, b "Potable Water Standards Project Mound Laboratory" and "Evaluation of the Buried Valley Aquifer Adjacent to Mound Laboratory."
22. DOE 1992i "Closure Report, Building 34 - Aviation Fuel Storage Tank."
23. DOE 1992j "Closure Report, Building 51 - Waste Storage Tank."
24. DOE 1994 "Operable Unit 1, Remedial Investigation Report."
25. EG&G 1994 "Active Underground Storage Tank Plan."

Reference 2

PRELIMINARY REVIEW / VISUAL SITE INSPECTION FOR RCRA FACILITY ASSESSMENT OF MOUND PLANT

JULY 1988

Unit No.: OB-4

Unit Name: Building 90 Blockhouse

Unit Description: The Building 90 Blockhouse is a fully enclosed ancillary waste storage unit associated with the Retort (SWMU OB-3). The Blockhouse is located just east of the Retort and is used to house the Retort's waste feed equipment. Small detonation devices are placed manually onto a conveyor accessible through a port in the Blockhouse. A screw-feeder transfers the wastes from the conveyor into the Retort (Ref. 66, p. 4-64). The dimensions of the Building 90 Blockhouse are approximately 10 feet by 10 feet with concrete walls and floor (Ref. 84). The conveyor was not in operation during the VSI.

Date of Start-up: 1984.

Date of Closure: The unit is still in service.

Wastes Managed: The Building 90 Blockhouse is used to convey encased explosive wastes (primarily detonators and pellets), mild detonating cord and mild detonating fuse (Ref. 66).

Release Controls: The unit is fully enclosed and underlain by concrete. Wastes are encased in the detonating devices as they are placed on the conveyor. There is no waste residue produced in the building (Ref. 84).

History of Releases: There were no releases noted in the file information. The floor of the building appeared clean and no releases were observed during the VSI.

Conclusions:

Soil/Groundwater: There is no potential for release to soil and groundwater. The unit is underlain by a concrete floor slab and the explosive wastes are encased in the detonation device.

Surface Water: There is no potential for release to surface

water. The wastes are fully enclosed in the building where there is no contact with precipitation or surface runoff.

Air: There is no potential for air releases from this unit. Wastes are encased in the detonation devices and housed in the building. Waste explosive materials are not exposed to the air in this unit.

Subsurface Gas: There is no potential for generation of subsurface gas. The unit is located above-ground on a concrete floor slab.

Unit No.: OB-8

Unit Name: Pyrotechnic Waste Disposal Area

Unit Description: The Pyrotechnic Waste Disposal Area is an area along the southern fence line of the Open Burn Area that was formerly used for disposal of pyrotechnic materials in solution. The solution was poured directly onto the soil without prior treatment. The exact boundaries of the disposal area are not known (Ref. 84). The solutions were generated in the Open Burn Area at the Pyrotechnic Waste Shed (SWMU OB-5). Pyrotechnic solutions are now treated by solar evaporation in the Biodegradation Unit (SWMU OB-6). Pyrotechnic solutions were disposed onto the soil because it was thought that the inorganic salts in the solution would not be removed by the units in the Sanitary Wastewater Treatment Plant (Ref. 23). There was no evidence of past disposal observed in this area during the VSI.

Date of Start-up: 1975 (Ref. 84).

Date of Closure: Wastewater was last disposed in this area in 1985 (Ref. 84). No formal closure of the area has been undertaken.

Wastes Managed: The area was formerly used for disposal of pyrotechnic materials in solution (Ref. 23) including potassium perchlorate (Ref. 84). It is estimated that approximately 20 gallons per year were disposed in this manner. An analysis of the wastewater for hazardous constituents was not available.

Release Controls: There were no release controls noted in the file information or observed during the VSI.

History of Releases: Wastewater was poured directly onto the soil without prior treatment. There was no evidence of disposal observed during the VSI.

Conclusions: Soil/Groundwater: There are documented past releases of wastewater directly to the soil in this area. There is no ongoing potential for releases

to the soil since the unit is no longer active. The potential for release to groundwater is high because the soil has not been cleaned up and there are no surface release control structures to confine the wastewater to the surface soil.

Surface Water: The potential for past and ongoing releases to surface water is low due to the large distance to the Plant Drainage Ditch.

Air: The potential for past or ongoing air releases is low since the wastewater reportedly contained no non-volatile constituents.

Subsurface Gas: The potential for generation of subsurface gas from the disposed wastewater is low due to the suspected low volatility of the solution.

Unit No.	Unit Name	Suggested Further Actions
AP-7	Leaf Solution Filter	No further action is suggested at this time.
AP-8	Strainer	No further action is suggested at this time.
AP-9	Iodine Absorption Filter	No further action is suggested at this time.
AP-10	Waste Solvent Incinerator Scrubber	Conduct soil sampling to determine the presence of hazardous constituents in the soil and to determine the presence of subsurface gas.
AP-11	Ventilation Hoods	Continue compliance with air emissions regulations issued by the Regional Air Pollution Control Authority.
OPEN BURN AREA UNITS		
OP-1	Trash Burner	Conduct soil sampling adjacent to the Trash Burner to determine whether releases of hazardous constituents have occurred. The samples should also be analyzed to determine the presence of subsurface gas.
OP-2	Thermal Treatment Unit	Conduct soil sampling adjacent to the unit to determine whether releases of hazardous constituents have occurred.
OP-3	Retort (Rotary Kiln)	Conduct air monitoring during operation of the Retort to determine the presence of hazardous constituents in the emissions.
OP-4	Building 90 Blockhouse	No further action is suggested at this time.
OP-5	Pyrotechnic Waste Shed	Consideration should be given to providing secondary containment for this unit.

Unit No.	Unit Name	Suggested Further Actions
OP-6	Biodegradation Unit	No further action is suggested at this time.
OP-7	Explosive Waste Storage Bunker (Magazine 53)	No further action is suggested at this time.
OP-8	Pyrotechnic Waste Disposal Area	Conduct subsurface soil sampling to determine the magnitude and extent of contamination. Samples should also be analyzed to determine the presence of subsurface gas.
UNDERGROUND STORAGE TANKS		
UT-1	Waste Solvent Storage Tank	Determine the integrity of the underground tank. If a leak in the tank is detected, subsurface soil sampling should be conducted to determine the magnitude and extent of the contamination.
UT-2	Aviation Fuel Tank	Determine the integrity of the underground tank. If a leak in the tank is detected, subsurface soil sampling should be conducted to determine the magnitude and extent of the contamination.
WD BUILDING WASTEWATER TREATMENT UNITS		
WD-1	Alpha Wastewater Influent Tanks	Conduct soil sampling in the area of past spills to determine whether releases of hazardous constituents has occurred.
WD-2	Alpha Wastewater Treatment System	Continue compliance with NPDES permit discharge limits.
WD-3	Beta Wastewater Treatment System	No further action is suggested at this time.

Reference 3

ENVIRONMENTAL RESTORATION PROGRAM

OPERABLE UNIT 9
SITE SCOPING REPORT:
VOLUME 7 - WASTE MANAGEMENT

MOUND PLANT
MIAMISBURG, OHIO

February 1993

DEPARTMENT OF ENERGY
ALBUQUERQUE FIELD OFFICE

ENVIRONMENTAL RESTORATION PROGRAM
EG&G MOUND APPLIED TECHNOLOGIES

FINAL

5.2. EXPLOSIVES WASTE STORAGE AREA

Small volumes of explosives and pyrotechnic wastes are generated at Mound and are temporarily stored until treated on-plant or shipped off-plant for disposal.

5.2.1. Test Firing Residual Storage Area

The test firing residual storage area is inside Building 2 in the test fire area, in the central portion of Mound (Figure 5.1). It began operation in 1956 and is still in service. It is used to store residuals generated during the test firing of detonating devices. Wastes include both unexploded detonation devices and explosion residuals that consist primarily of aluminum residue. Wastes are stored in 30-gallon drums on a concrete floor, but no physical descriptions of the area are available. Wastes are transferred to the open burn area for treatment. No releases have been documented.

5.2.2. Explosive Waste Storage Bunker

The explosive waste storage bunker, also known as Magazine 53, is in the open burn area (Area H), in the southern portion of Mound (Figure 5.1). It began operation around 1970 and is still in service. It is used primarily for temporary storage of containerized explosive waste prior to thermal destruction. Classified, non-explosive wastes were stored in the bunker during the 1988 visual site inspection (EPA 1988). Detonators, high explosive powder, detonating cord, pyrotechnic powders, hexanitrostilbene, and primary explosives are stored in drums on the floor of the bunker. The bunker is approximately 15.5 ft long by 10 ft wide by 10 ft high. The walls and ceiling are constructed of corrugated, 10-gauge, Armco multiplate, and the end walls are made of reinforced concrete approximately 12 inches thick. Compacted earth fill surrounds the bunker on three sides with 2 ft of fill cover on the top of the bunker. The uncovered front wall has a metal door for access.

5.2.3. Pyrotechnic Waste Shed

The pyrotechnic waste shed is northwest of Building 21 in Area H in the southern portion of Mound (Figure 5.1). The start-up date is believed to have been 1975 and the area is still in service. The shed is a temporary storage area for pyrotechnic powders and pyrotechnic-contaminated wastes. Contaminated trash and pyrotechnic wastes are saturated with mineral oil, double-bagged, and sealed in a metal can. The facility personnel indicate that "pyrotechnical components are stored in non-propagating trays inside of a metal suitcase." All wastes are enclosed in drums. The shed is constructed on a 15-ft by 9-ft concrete pad, has 7-ft-high chain-link fence side walls, and is covered by a roof made of 18-gauge galvanized corrugated steel. The shed also contains the Biodegradation

Unit, which is a portable steel cylinder (1 ft in diameter by 2 ft high) mounted on legs and placed within a 30-inch by 30-inch by 6-inch-deep metal tray. No releases have been documented and no spills were observed during a 1988 inspection. Pyrotechnic waste materials are stored here until they are burned in the retort or open burned (Vinings 1991).

5.2.4. Building 27 Drum Storage Area

The Building 27 drum storage area is on the south side of Building 27 in the test fire area, in the west-central portion of Mound (Figure 5.1). It began operation in 1985 and is still in service. The drumming and storage activities replaced the former process of releasing the liquids to a sump and leach pit. Wastewater containing acetone, ethanol, and explosive constituents generated in Building 27 is temporarily stored in this area in 55-gallon drums with lids. Drummed wastewater is transferred weekly to the hazardous waste storage area in Building 72 (MRC 1983). The Drum Storage Area consists of an uncovered outdoor concrete pad and has no secondary containment controls.

5.3. HAZARDOUS WASTE STORAGE AREAS

All hazardous waste currently generated at Mound is temporarily stored and shipped off-plant for treatment or disposal. The following subsections describe the present and past areas used for the staging and storage of hazardous chemicals. The hazardous wastes storage area (Building 72) and the satellite areas are included in Mound's RCRA Part B Permit application filed with the EPA Region V in November 1986.

5.3.1. Hazardous Waste Storage Area

The hazardous waste storage area is located at Building 72, in the west-central portion of Mound (Figure 5.1) (EPA 1988). It began operation in 1986 and is still in service. Wastes generated at several Mound locations are picked up weekly by a waste transport vehicle and transported to the area (MRC 1983). Wastes are contained in sealed 35- and 55-gallon drums of both metal and plastic construction. Wastes stored in the area include combustible and flammable liquids and waste oils, solvent-containing wastes, ignitable wastes, plating wastes, photoprocessing wastes, polymeric wastes, and toxic wastes. Wastes are shipped off-plant for disposal every two to three months (Klingler 1991). Building 72 is 60 ft by 40 ft, constructed of a curbed concrete floor covered by a metal grate. The floor consists of three bays that are curbed and sloped to confine spills. The building is enclosed on three sides with metal walls and is covered with a metal roof. The roof was moved from the past hazardous waste storage area building.

There were no published records of quantities of radioactive wastes between 1976 and 1980, but records have increased in detail through the 1980s. Since 1980, the only alpha-contaminated wastes have been from the D&D operations of the former plutonium processing facilities. In the early 1980s, alpha wastes were separated into in-line TRU wastes, other TRU wastes (greater than 10 nCi/g), and non-TRU wastes (less than 10 nCi/g). The ash, precipitate, and other materials containing recoverable plutonium from the in-line recovery processes were sent to SRP. The non-TRU wastes were compacted by mechanical means (MRC 1981b). By 1982, the in-line processing of plutonium wastes ceased, and all the remaining plutonium-238-contaminated equipment was shipped as waste (either TRU or non-TRU) to INEL or NTS.

In late 1982, the level for non-TRU waste (essentially LLW) was raised to 100 nCi/g (MRC 1983) in response to the National Council on Radiation Protection and Measurements' recommendation to the NRC (NCRP 1982). The changes in the relative quantities of LLW and TRU wastes between 1981 and 1984 (Table VI.2) indicate the consequences of the change. The quantity of LLW generated in the 1980s reflects both the increased volume of soil excavated by the D&D Program and the effects of the increased cutoff limit for non-TRU waste to 100 nCi/g. The volumes of TRU waste from 1981 to 1988 indicate the long-term trend of decreasing quantities of TRU waste generated by the D&D Program at Mound. The LSA wastes shown for 1988 include solidified tritium wastewater and WD Building sludge not included in the D&D Program.

6.2. EXPLOSIVES WASTE DISPOSAL

Explosives waste disposal has been an integral part of the normal Mound explosive production operations since the mid-1950s. Since that time, explosive wastes have been burned on-plant in an isolated area chosen for personnel and property safety.

6.2.1. Pyrotechnic Waste Disposal Area (Historical)

Use of the pyrotechnic waste disposal area (Figure 6.1) began in 1975, and wastewater was last deposited in this area in 1985. The solution was poured directly onto the soil without prior treatment. The area is reported to be adjacent to the southern fence line of Area H, but the exact boundaries of the disposal area are unknown. Wastewater was also reportedly disposed of along the western fenceline, behind the retort (Vinings 1990). The area is thought to cover approximately 150 ft by 150 ft (22,500 ft^2). At the pyrotechnic waste disposal area, small amounts of waste solvents (primarily acetone) and dissolved pyrotechnic materials, including potassium perchlorate, were mixed with water and filtered. The filtrate was poured onto the ground for treatment by natural biodegradation. These solutions were disposed of in this manner because it was thought that inorganic salts in the solutions

would not be removed by sanitary wastewater treatment plant. The amount of waste materials deposited ranged from 5 to 20 gallons per year (DOE 1992g). For acetone, the amount treated annually was far below the 24-hour reportable quantity of 5,000 pounds (EPA 1988).

6.2.2. Area I Building and Building 27 Leach Pits (Historical)

The Area I and Building 27 leach pits (Figure 6.1) have been used historically for the treatment or disposal of explosives waste liquids. These leach pits received wastewater with dissolved explosives (typically ppm quantities) and acetone. The aqueous solutions were allowed to evaporate and disintegrate naturally. Since the mid-1980s, the solutions have been drummed and stored at the hazardous waste storage area.

6.2.3. Summary of Explosives Waste Disposal

The explosives research and development activities at Mound typically produce small volumes of waste solids and liquids. Solid waste explosives, including mild detonator cord and fuse, PETN, PBX, RDX, HMX, tetryl, and triaminatrinitrobenzene; explosive components; and explosive-contaminated trash, are burned or treated on-plant. Liquid wastes are dominated volumetrically by water with dissolved explosive wastes and acetone. Other organic solvents are used in the processes and include trichloroethene; trichloroethane; methyl, ethyl, and isopropyl alcohols; and toluene. Other chemicals used in these processes include Freon TF, Freon TE, sodium carbonate, ferric chloride, potassium hydroxide, nickel sulfamate, sulfuric acid, and cyanide solutions. Metals involved include titanium, nickel, copper, and gold. Two historic memos refer to the disposal of explosive waste and include titanium trifluoride (100g), copper cyanide (0.5 pint), and chromic oxide-sesquioxide (5 pounds), along with many other small volumes of chemical wastes. The titanium trifluoride was neutralized with ammonium chloride and siphoned down a drain with excess water (Schneider 1979; Vaughters 1979). The volumes of explosive wastes and chemicals are not reported separately, but are included in the annual estimates of hazardous wastes described below.

6.3. HAZARDOUS WASTE DISPOSAL

Hazardous chemical wastes have been disposed of both on- and off-plant since operations began in the late 1940s. In the early 1950s and perhaps later, liquid chemical wastes containing radioactive material were segregated with all radioactive waste. In some cases, chemical liquids may have been disposed of down the drains to the WD Building alpha wastewater treatment system. No systematic program appears to have existed for the disposal of non-radioactive waste chemicals. In the mid-1960s, Mound engineering and safety personnel recognized the problem of chemical disposal and

The off-gas was subsequently passed through a vertical scrubber, blower, and filter prior to exiting the stack.

Sixteen runs of 2 to 3 hours each were performed with this incinerator. Decontamination factors of 5×10^8 were achieved based on test data. Feed stock for the tests consisted of a synthetic waste with an alpha activity level of approximately 1×10^{11} d/m. It is not known what volume of feed material was treated in this incinerator nor what was done with the off-gas scrub solutions. It is not known when or how the unit was dismantled nor its disposition; it was gone by October 1951 (Bradley 1951b).

Design of a full-scale incinerator, based on the down-draft cylindrical pilot-scale model, was completed on October 31, 1952. By February 1953, the construction of the incinerator facility had been indefinitely deferred.

4.12. EXPLOSIVES WASTE TREATMENT

4.12.1. Area H Trash Burner (Historical)

The trash burner was located east of Building 90 in the open burning area (Figure 4.1). Trash was burned inside a 4-ft by 4-ft by 4-ft metal box. The metal box was inside an area enclosed by a chain-link fence and was covered with a screen gate to prevent release of large particulate material to the air. The floor of the trash burning unit was concrete. The trash burner was designed to burn up to 40 pounds of trash per event but more typically 5 to 6 pounds of material were burned at one time.

Waste materials disposed of in the trash burner included mild detonating fuses, pyrotechnic materials, components containing small amounts of explosives, tissue and cardboard contaminated with explosives, and thermite powder. The trash burner was also used to flash large detonating devices that did not fit into the retort or thermal treatment unit and materials containing organic solvents such as acetone and Freon (EPA 1988). The major products from the burning of the explosive wastes were carbon dioxide and water vapor with minor quantities of carbon monoxide, nitric oxide, nitrous oxide, and nitrogen dioxide (DOE 1979). Ash from the burner was placed in 55-gallon drums for disposal (DOE 1992g). The trash burner began operating in the 1950s and was dismantled in 1988.

4.12.2. Area H Thermal Treatment Unit

The thermal treatment unit is east of Building 90 in the open burning area (Figure 4.1). The unit consists of a 55-gallon drum placed in a larger diameter base that contains antifreeze and water to allow cooling of the drum base during burning. The drum and cooling system are within a 10-ft by 10-ft by 10-ft cubicle consisting of steel-plate, sand-filled walls, 4-inches thick, with an open expanded

metal screen roof (DOE 1990a). The floor of the cubicle is constructed of sand with the thermal treatment unit sitting on firebrick. Dampers are at the base of the walls for air inlet. An expandable metal screen door is available to allow entry into the cubicle.

The thermal treatment unit is operated in a batch mode with a complete thermal cycle required to treat a discrete quantity of explosive waste. The unit has a capacity of approximately 5 pounds of energetic materials per burn (DOE 1990a). Excelsior and waste are placed in the unit and then triggered remotely from Building 13. Instruments to monitor head temperature, cooling bath temperature, and other process parameters are also located in Building 13 (DOE 1990a), and measurements are recorded every few minutes.

The thermal treatment unit is used to burn explosive wastes including contaminated trash, fabricated explosive components and assemblies, loose bulk high-explosive powder (PETN, PBX, RDX, HMX), mild detonating cords and fuses, pyrotechnic powders, and pyrotechnic-contaminated wastes, HNS and HNS-contaminated wastes, 2 (5-cyanotetrazo)latopentaamine cobalt (III) perchlorate wastes, thermite-contaminated wastes, and solid primary explosives (DOE 1990a). Virtually no ash residue remains after burning. In the case where metal assemblies are burned, the resultant ash contains metal components but is suitable for disposal as a nonhazardous material. The treatment unit began operating in 1968 and is still in service.

4.12.3. Retort

The retort began operations in 1984 and is still in service. This thermal treatment unit is located in the burn area and is attached to the east side of Building 90 (Figure 4.1). It is installed on a 4-inch-thick reinforced concrete slab floor and is located within an enclosure consisting of 12-inch-thick reinforced concrete walls. The enclosure is approximately 30-ft long by 15-ft wide and is covered with a metal screen. The retort is a 3-ft diameter by 9-ft long rotating cylinder and can be described as a rotary kiln. The unit is propane fired at one end. The waste feed entrance and the exhaust stack are located at the opposite end of the retort. The retort is heated to approximately 800°F; and, when it reaches this temperature, waste energetic materials are fed to the retort by means of a conveyor. The combustion reaction renders the explosive wastes nonreactive and results in both solid and gaseous byproducts. The gaseous byproducts consist of carbon monoxide, carbon dioxide, water, nitrogen, and various oxides of nitrogen. Other gaseous emissions that are expected from the retort are products of incomplete combustion. Particulate emissions can contain metals that are constituents of primary explosives used in detonators. Asbestos fiber emission may also occur when diallyl-phthalate-based plastic components are treated in the retort.

Solid byproducts from the retort include ash, metal parts, traces of incompletely oxidized wastes, and metals from primary explosives. Asbestos and fiberglass used as filler material may also be present in the ash.

The energetic waste destined for treatment in the retort is stored primarily in Magazine 53. Energetic materials are placed in wax-impregnated paper containers with snap lid closures. The energetic materials are transferred to the Building 90 blockhouse where they are packaged into impregnated wax containers. The paper containers are then taken from the blockhouse and placed on the retort conveyor, maintaining a waste feed rate of one container entering the retort every 30 seconds.

The conveyor moves the waste to the entry port of the retort. The entry port connects to the front cover assembly of the unit by means of a downward sloping feed tube that directs the wax paper containers into the retort where they undergo thermal destruction. A screw feeder moves the burning material along the inside of the rotating drum. This screw feeder mechanism provides the residence time and mixing to assure complete destruction of the explosive wastes. The retort process variables are monitored and recorded throughout the thermal treatment process, and automatic controls maintain a relatively constant temperature in the retort combustion chamber. The gaseous products of combustion, generated by the propane burner and by the energetic waste material, exit through an exhaust port and are directed to the retort stack. The stack discharges combustion products to the atmosphere.

Access to the retort interior is at the propane burner end of the retort chamber, and the residue is removed manually and drummed. Some wastes, such as detonators, contain metal parts that may be classified. These are treated separately from other waste energetic materials.

4.12.4. Biodegradation Unit

The biodegradation unit is stored in the pyrotechnic waste shed east of Building 90 in the open burn area (Figure 4.1). The unit consists of a small portable steel cylinder approximately 1 ft in diameter and 2 ft high. The unit is mounted on legs and is placed inside a 30-inch-wide by 30-inch-long by 6-inch-high metal tray. Screens are at the top and bottom of the cylinder. The unit was designed and fabricated at Mound and is used to destroy soapy water solutions by evaporation/burning (Klingler 1991). The soapy water solutions are generated from cleaning equipment and utensils in pyrotechnic and explosive operations. The solutions contain trace amounts of pyrotechnic and explosive compounds. In use, a filter is placed over the top screen of the unit, and the soapy water is poured onto the filter to allow evaporation of the wastewater. The unit is removed from the pyrotechnic waste shed, and the small amount of solid residue is then burned in place (DOE 1990a). The unit began operating in 1975 and is still in service.

State of Ohio Environmental Protection Agency

STREET ADDRESS
1800 WaterMark Drive
Columbus, OH 43215-1099

TELE: (614) 644-3020 FAX: (614) 644-2329

MAILING ADDRESS:
P.O. Box 1049
Columbus, OH 43216-1049

CLOSURE PLAN APPROVAL

CERTIFIED MAIL

Re: *CLOSURE PLAN*
USDOE-MOUND
OH6 890 008 984
05-57-0677

August 16, 1996

U.S. DOE
Attn: Patricia Brechlin
Miamisburg Area Office
P.O. Box 66
Miamisburg, OH 45342-0066

Dear Ms. Brechlin:

On May 16, 1996, USDOE-Mound submitted to Ohio EPA a closure plan for the burn area located at the USDOE-Mound Plant, Miamisburg, Ohio. The closure plan was submitted pursuant to Rule 3745-66-12 of the Ohio Administrative Code (OAC) in order to demonstrate that USDOE-Mound's proposal for closure complies with the requirements of OAC Rules 3745-66-11 and 3745-66-12.

The public was given the opportunity to submit written comments regarding the closure plan of USDOE-Mound in accordance with OAC Rule 3745-66-12. No comments were received by Ohio EPA in this matter.

Based upon review of USDOE-Mound's submittal, I conclude that the closure plan for the hazardous waste facility at the USDOE-Mound Plant, Miamisburg, Ohio, as modified herein, meets the performance standard contained in OAC Rule 3745-66-11 and complies with the pertinent parts of OAC Rule 3745-66-12.

I certify this to be a true and accurate copy of the official document as filed in the records of the Ohio Environmental Protection Agency.

By: Mary Cavin Date 8-16-96

CHIEF E.P.A.
AUG 16 '96
DIRECTOR'S JOURNAL

George V. Voinovich, Governor
Nancy P. Hollister, Lt. Governor
Donald R. Schregardus, Director

The closure plan submitted to Ohio EPA on May 16, 1996, by USDOE-Mound is hereby approved with the following modifications:

1) Section 2.1 on page 14, and section 2.1.2 on page 15 indicates that, "If visible contamination is less than 5% of the total surface area then decontamination will not take place". However this section does not mention any rinseate analysis unless decontamination is required. Mound must perform rinseate analysis to confirm that no decontamination is necessary or that the decontamination efforts have been successful in removing hazardous waste residues to the maximum extent practicable, and that the rinseate standards have been met. The 5% rule applies to the clean debris surface after physical extraction methods have taken place, as decribed in the last paragraph on page 26 of the closure plan guidance. Mound must comply with the rinseate standards that are listed in item 2 of these conditions.

2) Mound indicates in bullet 4 on page 15 that rinseate will be evaluated against a set of criteria that is listed in a table under that same bullet. However, there is no description in this section that describes how those criteria were established. Mound must ensure that the following rinseate standards will be met:

   a) Fifteen times the public drinking water maximum contaminant level (MCL) for hazardous constituents as promulgated in 40 CFR 141.11 and OAC 3745-81-11 for inorganics and 40 CFR 141.12 and OAC 3745-81-12 for organics;

   b) If an MCL is not available for a particular contaminant, then fifteen times the maximum contaminant level goal (MCLG) as promulgated in 40 CFR 141.50 shall be used as the clean standard. If the MCLG is zero, use fifteen times the contaminant's practical quantitation limit in ground water;

   c) If the product of fifteen times the MCL or MCLG exceeds 1 mg/l or if neither an MCL or an MCLG is available for a particular contaminant, 1 mg/l shall be used as the clean standard.

3) Mound must ensure that all pesonnel will be utilyzing necessary personal protective equipment while performing any/all physical closure activities described in the closure plan.

4) Mound must ensure that the ultimate disposition of all metal going to a secondary smelter is conducted in accordance with what is described in the approved closure plan. Mound must also ensure that the units will be rendered useless and that documentation (e.g., sales agreements, shipping papers, receipts, etc.) proving the final destination and disposition of the material must be provided as part of the closure certification.

I certify this to be a true and accurate copy of the official document as filed in the records of the Ohio Environmental Protection Agency.

By: Mary Cavin Date 8-16-96

Please be advised that approval of this closure plan does not release USDOE-Mound from any responsibilities as required under the Hazardous and Solid Waste Amendments of 1984 regarding corrective action for all releases of hazardous waste or constituents from any solid waste management unit, regardless of the time at which waste was placed in the unit.

Notwithstanding compliance with the terms of the closure plan, the Director may, on the basis of any information that there is or has been a release of hazardous waste, hazardous constituents, or hazardous substances into the environment, issue an order pursuant to Section 3734.20 et seq of the Revised Code or Chapters 3734 or 6111 of the Revised Code requiring corrective action or such other response as deemed necessary; or initiate appropriate action; or seek any appropriate legal or equitable remedies to abate pollution or contamination or to protect public health or safety or the environment.

Nothing here shall waive the right of the Director to take action beyond the terms of the closure plan pursuant to the Comprehensive Environmental Response, Compensation and Liability Act of 1980, 42 U.S.C. §9601 et seq., as amended by the Superfund Amendments and Reauthorization Act of 1986, Pub. L. 99-499 ("CERCLA") or to take any other action pursuant to applicable Federal or State law, including but not limited to the right to issue a permit with terms and conditions requiring corrective action pursuant to Chapters 3734 or 6111 of the Revised Code; the right to seek injunctive relief, monetary penalties and punitive damages, to undertake any removal, remedial, and/or response action relating to the facility, and to seek recovery for any costs incurred by the Director in undertaking such actions.

Strict compliance with each and every provision of this approved closure plan, especially including the modifications specified herein, is expected. The Ohio EPA will monitor such compliance. The Director expressly reserves the right to take action, pursuant to Chapters 3734 and 6111 of the Revised Code, and other applicable law, to enforce such compliance and to seek appropriate remedies in the event of noncompliance with the provisions and modifications of this approved closure plan.

You are notified that this action of the Director is final and may be appealed to the Environmental Board of Review pursuant to Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. It must be filed with the Environmental Board of Review within thirty (30) days after notice of the Director's action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency within three (3) days of filing with the Board. An appeal may be filed with the Environmental Board of Review at the following address: Environmental Board of Review, 236 East Town Street, Room 300, Columbus, Ohio 43266-0557.

OHIO EPA
AUG 16 '93
DIRECTOR'S OFFICE

I certify this to be a true and accurate copy of the official document as filed in the records of the Ohio Environmental Protection Agency.

By: Mary Cavin Date 8-16-91

When closure is completed, the Ohio Administrative Code Rule 3745-66-15 requires the owner or operator of a facility to submit to the Director of the Ohio EPA certification by the owner or operator and an independent, registered professional engineer licensed to practice in the State of Ohio, that the facility has been closed in accordance with the approved closure plan. The certification by the owner or operator shall include the statement found in OAC 3745-50-42(D). These certifications should be submitted to: Ohio Environmental Protection Agency, Division of Hazardous Waste Management, Attn: Thomas Crepeau, Data Management Section, P.O. Box 1049, Columbus, Ohio 43216-1049.

Sincerely,

Donald R. Schregardus
Director

mound.app/CLOSURE.ao

cc: Tom Crepeau, DHWM Central File, Ohio EPA
Montee Suleiman, DHWM, Ohio EPA
Harriet Croke, USEPA - Region V
Pat Willoughby, SWDO, Ohio EPA

I certify this to be a true and accurate copy of the official document as filed in the records of the Ohio Environmental Protection Agency.

By: Mary Cavin Date 8-16-96

OHIO E.P.A.
AUG 16 96
DIRECTOR'S OFF.

Reference 5

5.0 CERTIFICATIONS

5.1 Professional Engineer

In accordance with OAC 3745-66-15, the undersigned independent professional engineer registered in the State of Ohio hereby certifies that the Burn Area has been closed in accordance with the closure procedures in the approved Burn Area Closure Plan and as described in Sections 3.8 and 4.0 above.

Carlton C. Schroeder

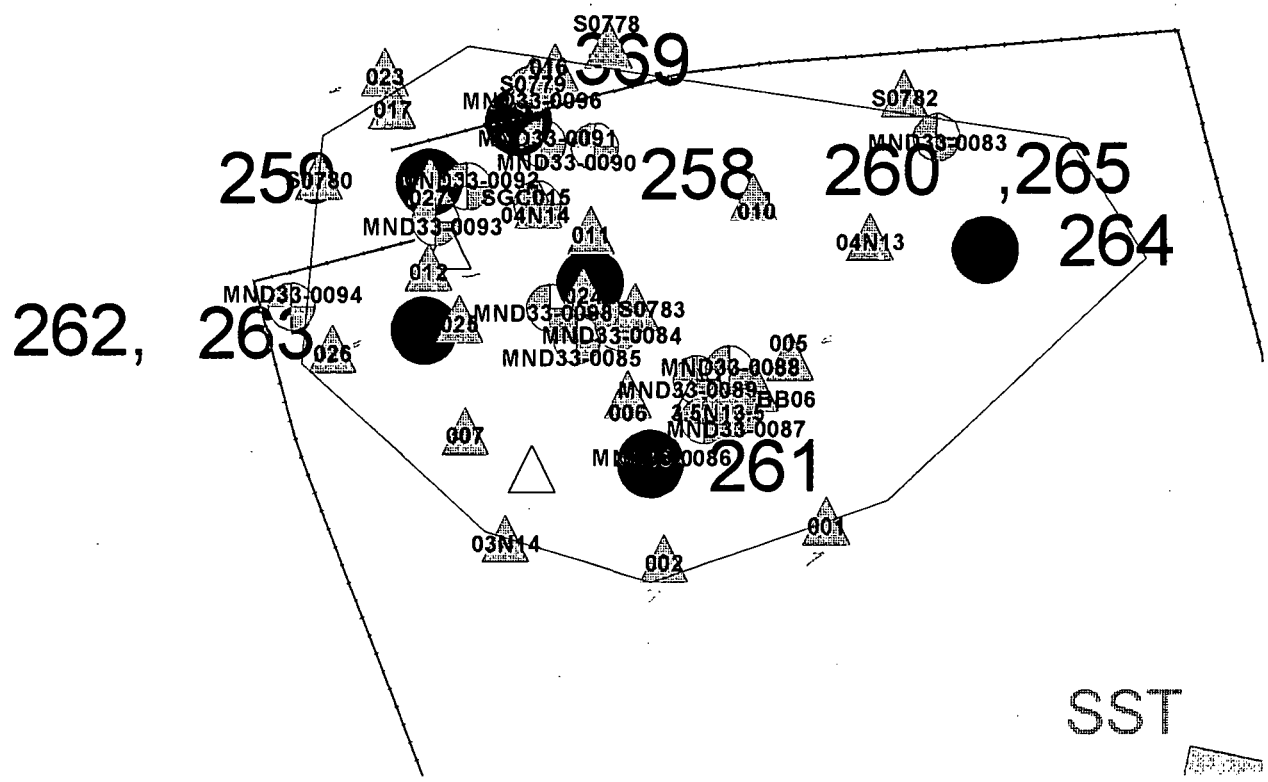
Parsons, Independent Registered Professional Engineer

STATE OF OHIO
CARLTON
C.
SCHROEDER
E-35145
PROFESSIONAL ENGINEER

Carlton C. Schroeder
3/11/98

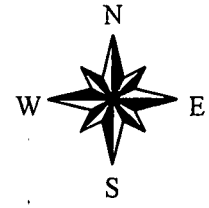
Reference 6

PRS 258-265 Sample Locations



100 0 100 200 Feet

— Chemical Detects Outline
Chemical Detects
prs258-265 Outline
— Soil Boring Outline
— Surface Sample Outline
Fence
— Fence Line
PRS Point
Fill
PRS Label
Text Site ID
Building Label
Text Bldg ID
Building Outline
---- Hidden Building Outline
— Building Outline
Building
Color Fill
Roads
— Paved Drives/Parking
Trail/Footpath
..... Unpaved Drives/Parking



Location_name	Sample_id	Location_type	Collection_da	Value_name	Measured_va	Value_units	Detection_li	Chem_clas	Start_de	End_dept	CAS_number	Lab_qu	Data_c	Project_code	Media	Collection_n	Comments
MND33-0085	0085-0001	Borehole	19911216	1,2-Dichloroethene	2.00	UG/KG	6.00	ORVOA	0.0	2.0	540-59-0	J	J	MND33	Soil		
MND33-0085	0085-0003	Borehole	19911216	1,2-Dichloroethene	210.00	UG/KG	5.00	ORVOA	7.0	7.5	540-59-0			MND33	Soil		
MND33-0098	0098-0002	Borehole	19911218	1,2-Dichloroethene	12.00	UG/KG	5.00	ORVOA	2.0	5.2	540-59-0			MND33	Soil		
MND33-0098	0098-0001	Borehole	19911218	1,2-Dichloroethene	6.00	UG/KG	7.00	ORVOA	0.0	2.0	540-59-0	J	J	MND33	Soil		
SGC015	NAC015	Borehole	19960205	1,2-Dichloroethene	96.00	UG/KG		ORVOA	0.0	3.0	540-59-0			SGCSP	Soil	Split spoon	
MND33-0085	0085-0001	Borehole	19911216	2-Butanone	2.00	UG/KG	13.00	ORVOA	0.0	2.0	78-93-3	J	J	MND33	Soil		
MND33-0096	0096-0001	Borehole	19911218	2-Butanone	1.00	UG/KG	12.00	ORVOA	0.0	2.0	78-93-3	J	J	MND33	Soil		
MND33-0094	0094-0002	Borehole	19911217	2-Butanone	4.00	UG/KG	12.00	ORVOA	2.0	4.5	78-93-3	J	J	MND33	Soil		
MND33-0092	0092-0001	Borehole	19911217	2-Butanone	2.00	UG/KG	12.00	ORVOA	0.0	2.0	78-93-3	J	J	MND33	Soil		
MND33-0091	0091-0001	Borehole	19911217	2-Butanone	2.00	UG/KG	11.00	ORVOA	0.0	2.0	78-93-3	J	J	MND33	Soil		
SGC015	NAC015	Borehole	19960205	2-Butanone	20.00	UG/KG		ORVOA	0.0	3.0	78-93-3	B		SGCSP	Soil	Split spoon	
MND33-0084	0084-0001	Borehole	19911216	2-Methylnaphthalene	99.00	UG/KG	850.00	ORSVO	0.0	2.0	91-57-6	J	J	MND33	Soil		
MND33-0091	0091-0001	Borehole	19911217	2-Methylnaphthalene	86.00	UG/KG	760.00	ORSVO	0.0	2.0	91-57-6	J	J	MND33	Soil		
MND33-0085	0085-0001	Borehole	19911216	4-Methyl-2-pentanone	4.00	UG/KG	13.00	ORVOA	0.0	2.0	108-10-1	J	J	MND33	Soil		
MND33-0098	0098-0001	Borehole	19911218	4-Methyl-2-pentanone	6.00	UG/KG	15.00	ORVOA	0.0	2.0	108-10-1	J	J	MND33	Soil		
MND33-0096	0096-0001	Borehole	19911218	4-Methyl-2-pentanone	1.00	UG/KG	12.00	ORVOA	0.0	2.0	108-10-1	J	J	MND33	Soil		
MND33-0094	0094-0002	Borehole	19911217	4-Methyl-2-pentanone	6.00	UG/KG	12.00	ORVOA	2.0	4.5	108-10-1	J	J	MND33	Soil		
MND33-0092	0092-0001	Borehole	19911217	4-Methyl-2-pentanone	5.00	UG/KG	12.00	ORVOA	0.0	2.0	108-10-1	J	J	MND33	Soil		
MND33-0091	0091-0001	Borehole	19911217	4-Methyl-2-pentanone	5.00	UG/KG	11.00	ORVOA	0.0	2.0	108-10-1	J	J	MND33	Soil		
SGC015	NAC015	Borehole	19960205	Acetone	100.00	UG/KG		ORVOA	0.0	3.0	67-64-1	B		SGCSP	Soil	Split spoon	
MND33-0090	0090-0001	Borehole	19911217	Aluminum	5330.00	MG/KG	6.00	INORG	0.0	3.5	7429-90-5			MND33	Soil		
MND33-0090	0090-1001	Borehole	19911217	Aluminum	6790.00	MG/KG	6.00	INORG	0.0	3.5	7429-90-5			MND33	Soil		
MND33-0089	0089-0001	Borehole	19911217	Aluminum	5400.00	MG/KG	6.00	INORG	0.0	2.0	7429-90-5			MND33	Soil		
MND33-0088	0088-0001	Borehole	19911217	Aluminum	3290.00	MG/KG	6.00	INORG	0.0	2.0	7429-90-5			MND33	Soil		
MND33-0087	0087-0001	Borehole	19911217	Aluminum	5970.00	MG/KG	6.00	INORG	0.0	2.0	7429-90-5			MND33	Soil		
MND33-0086	0086-0001	Borehole	19911217	Aluminum	8900.00	MG/KG	6.00	INORG	0.0	2.0	7429-90-5			MND33	Soil		
MND33-0085	0085-0001	Borehole	19911216	Aluminum	6940.00	MG/KG	6.00	INORG	0.0	2.0	7429-90-5			MND33	Soil		
MND33-0085	0085-0002	Borehole	19911216	Aluminum	3540.00	MG/KG	6.00	INORG	0.0	4.5	7429-90-5			MND33	Soil		
MND33-0084	0084-0001	Borehole	19911216	Aluminum	5990.00	MG/KG	6.00	INORG	0.0	2.0	7429-90-5			MND33	Soil		
MND33-0083	0083-0001	Borehole	19911216	Aluminum	5590.00	MG/KG	6.00	INORG	0.0	2.0	7429-90-5			MND33	Soil		
MND33-0098	0098-0002	Borehole	19911218	Aluminum	7440.00	MG/KG	6.00	INORG	2.0	5.2	7429-90-5			MND33	Soil		
MND33-0098	0098-0001	Borehole	19911218	Aluminum	14400.00	MG/KG	6.00	INORG	0.0	2.0	7429-90-5			MND33	Soil		
MND33-0096	0096-0001	Borehole	19911218	Aluminum	8050.00	MG/KG	6.00	INORG	0.0	2.0	7429-90-5			MND33	Soil		
MND33-0094	0094-0001	Borehole	19911217	Aluminum	2760.00	MG/KG	6.00	INORG	0.0	2.0	7429-90-5		J	MND33	Soil		
MND33-0094	0094-0002	Borehole	19911217	Aluminum	8080.00	MG/KG	6.00	INORG	2.0	4.5	7429-90-5			MND33	Soil		
MND33-0094	0094-1001	Borehole	19911217	Aluminum	14900.00	MG/KG	6.00	INORG	0.0	2.0	7429-90-5		J	MND33	Soil		
MND33-0093	0093-0001	Borehole	19911217	Aluminum	8880.00	MG/KG	6.00	INORG	0.0	2.0	7429-90-5			MND33	Soil		
MND33-0092	0092-0001	Borehole	19911217	Aluminum	9070.00	MG/KG	6.00	INORG	0.0	2.0	7429-90-5			MND33	Soil		
MND33-0091	0091-0002	Borehole	19911217	Aluminum	3770.00	MG/KG	6.00	INORG	2.0	3.1	7429-90-5			MND33	Soil		
MND33-0091	0091-0001	Borehole	19911217	Aluminum	4010.00	MG/KG	6.00	INORG	0.0	2.0	7429-90-5			MND33	Soil		
SGC015	NAC015	Borehole	19960205	Aluminum	7370.00	MG/KG		INORG	0.0	3.0	7429-90-5			SGCSP	Soil	Split spoon	
001	000090	Surface locati	19970327	Antimony	0.42	MG/KG		INORG	1.0	2.0	7440-36-0	B		BURNAREA	Soil		
001	000093	Surface locati	19970327	Antimony	0.40	MG/KG		INORG	2.0	3.0	7440-36-0	B	B	BURNAREA	Soil		
001	000091	Surface locati	19970327	Antimony	0.55	MG/KG		INORG	1.0	2.0	7440-36-0	B		BURNAREA	Soil		
002	000087	Surface locati	19970327	Antimony	0.57	MG/KG		INORG	1.0	2.0	7440-36-0	B		BURNAREA	Soil		
002	000086	Surface locati	19970327	Antimony	0.94	MG/KG		INORG	0.0	1.0	7440-36-0	B		BURNAREA	Soil		
005	000081	Surface locati	19970329	Antimony	0.51	MG/KG		INORG	1.0	2.0	7440-36-0	B		BURNAREA	Soil		
005	000079	Surface locati	19970327	Antimony	0.42	MG/KG		INORG	0.0	1.0	7440-36-0	B		BURNAREA	Soil		
005	000082	Surface locati	19970327	Antimony	0.58	MG/KG		INORG	2.0	3.0	7440-36-0	B		BURNAREA	Soil		
010	000077	Surface locati	19970327	Antimony	1.00	MG/KG		INORG	1.0	2.0	7440-36-0	B		BURNAREA	Soil		
010	000076	Surface locati	19970327	Antimony	1.70	MG/KG		INORG	0.0	1.0	7440-36-0	B	J	BURNAREA	Soil		
010	000078	Surface locati	19970327	Antimony	0.37	MG/KG		INORG	2.0	3.0	7440-36-0	B		BURNAREA	Soil		
006	000074	Surface locati	19970327	Antimony	0.38	MG/KG		INORG	1.0	2.0	7440-36-0	B		BURNAREA	Soil		
006	000075	Surface locati	19970327	Antimony	0.39	MG/KG		INORG	2.0	3.0	7440-36-0	B		BURNAREA	Soil		
006	000073	Surface locati	19970327	Antimony	3.50	MG/KG		INORG	0.0	1.0	7440-36-0	B		BURNAREA	Soil		
007	000070	Surface locati	19970327	Antimony	0.53	MG/KG		INORG	0.0	1.0	7440-36-0	B		BURNAREA	Soil		
007	000072	Surface locati	19970327	Antimony	0.55	MG/KG		INORG	2.0	3.0	7440-36-0	B		BURNAREA	Soil		
007	000071	Surface locati	19970327	Antimony	1.00	MG/KG		INORG	1.0	2.0	7440-36-0	B		BURNAREA	Soil		
011	000066	Surface locati	19970326	Antimony	0.75	MG/KG		INORG	1.0	2.0	7440-36-0	B		BURNAREA	Soil		
011	000065	Surface locati	19970326	Antimony	2.10	MG/KG		INORG	0.0	1.0	7440-36-0	B		BURNAREA	Soil		
027	000062	Surface locati	19970326	Antimony	0.38	MG/KG		INORG	0.0	1.0	7440-36-0	B		BURNAREA	Soil		
025	000060	Surface locati	19970326	Antimony	0.37	MG/KG		INORG	1.0	2.0	7440-36-0	B		BURNAREA	Soil		
025	000059	Surface locati	19970326	Antimony	1.50	MG/KG		INORG	0.0	1.0	7440-36-0	B		BURNAREA	Soil		
026	000058	Surface locati	19970326	Antimony	0.67	MG/KG		INORG	2.0	3.0	7440-36-0	B		BURNAREA	Soil		
026	000055	Surface locati	19970326	Antimony	0.59	MG/KG		INORG	0.0	1.0	7440-36-0	B		BURNAREA	Soil		
012	000052	Surface locati	19970326	Antimony	0.48	MG/KG		INORG	0.0	1.0	7440-36-0	B		BURNAREA	Soil		
023	000038	Surface locati	19970326	Antimony	0.80	MG/KG		INORG	0.0	1.0	7440-36-0	B		BURNAREA	Soil		
024	000021	Surface locati	19970324	Antimony	0.47	MG/KG		INORG	2.0	3.0	7440-36-0	B		BURNAREA	Soil		
024	000024	Surface locati	19970324	Antimony	1.10	MG/KG		INORG	1.0	2.0	7440-36-0	B		BURNAREA	Soil		
024	000020	Surface locati	19970324	Antimony	5.00	MG/KG		INORG	2.0	3.0	7440-36-0	B		BURNAREA	Soil		
MND33-0090	0090-0001	Borehole	19911217	Antimony	17.70	MG/KG	3.00	INORG	0.0	3.5	7440-36-0		J	MND33	Soil		

Location_name	Sample_id	Location_type	Collection_da	Value_name	Measured_va	Value_units	Detection_li	Chem_clas	Start_de	End_dept	CAS_number	Lab_qu	Data_	Project_code	Media	Collection_n	Comments
MND33-0090	0090-1001	Borehole	19911217	Antimony	29.00	MG/KG	3.00	INORG	0.0	3.5	7440-36-0		J	MND33	Soil		
MND33-0086	0086-0001	Borehole	19911217	Antimony	5.70	MG/KG	3.00	INORG	0.0	2.0	7440-36-0		J	MND33	Soil		
MND33-0085	0085-0001	Borehole	19911216	Antimony	29.70	MG/KG	3.00	INORG	0.0	2.0	7440-36-0		J	MND33	Soil		
MND33-0085	0085-0002	Borehole	19911216	Antimony	19.80	MG/KG	3.00	INORG	0.0	4.5	7440-36-0		J	MND33	Soil		
MND33-0084	0084-0001	Borehole	19911216	Antimony	16.30	MG/KG	3.00	INORG	0.0	2.0	7440-36-0		J	MND33	Soil		
MND33-0083	0083-0001	Borehole	19911216	Antimony	11.80	MG/KG	3.00	INORG	0.0	2.0	7440-36-0		J	MND33	Soil		
MND33-0098	0098-0002	Borehole	19911218	Antimony	9.10	MG/KG	3.00	INORG	2.0	5.2	7440-36-0		J	MND33	Soil		
MND33-0098	0098-0001	Borehole	19911218	Antimony	14.30	MG/KG	3.00	INORG	0.0	2.0	7440-36-0		J	MND33	Soil		
MND33-0094	0094-0001	Borehole	19911217	Antimony	44.50	MG/KG	3.00	INORG	0.0	2.0	7440-36-0		J	MND33	Soil		
MND33-0094	0094-0002	Borehole	19911217	Antimony	13.90	MG/KG	3.00	INORG	2.0	4.5	7440-36-0		J	MND33	Soil		
MND33-0094	0094-1001	Borehole	19911217	Antimony	12.10	MG/KG	3.00	INORG	0.0	2.0	7440-36-0		J	MND33	Soil		
MND33-0093	0093-0001	Borehole	19911217	Antimony	17.80	MG/KG	3.00	INORG	0.0	2.0	7440-36-0		J	MND33	Soil		
MND33-0092	0092-0001	Borehole	19911217	Antimony	25.10	MG/KG	3.00	INORG	0.0	2.0	7440-36-0		J	MND33	Soil		
MND33-0091	0091-0002	Borehole	19911217	Antimony	13.90	MG/KG	3.00	INORG	2.0	3.1	7440-36-0		J	MND33	Soil		
MND33-0091	0091-0001	Borehole	19911217	Antimony	13.90	MG/KG	3.00	INORG	0.0	2.0	7440-36-0		J	MND33	Soil		
MND33-0092	0092-0001	Borehole	19911217	Aroclor-1254	220.00	UG/KG	220.00	ORPPB	0.0	2.0	11097-69-1		J	MND33	Soil		
MND33-0090	0090-0001	Borehole	19911217	Arsenic	6.40	MG/KG	0.20	INORG	0.0	3.5	7440-38-2		J	MND33	Soil		
MND33-0090	0090-1001	Borehole	19911217	Arsenic	**9.10**	MG/KG	0.20	INORG	0.0	3.5	7440-38-2		J	MND33	Soil		2-Exceeds background value.
MND33-0089	0089-0001	Borehole	19911217	Arsenic	**13.60**	MG/KG	0.20	INORG	0.0	2.0	7440-38-2		J	MND33	Soil		2-Exceeds background value.
MND33-0088	0088-0001	Borehole	19911217	Arsenic	**15.50**	MG/KG	0.20	INORG	0.0	2.0	7440-38-2		J	MND33	Soil		2-Exceeds background value.
MND33-0087	0087-0001	Borehole	19911217	Arsenic	**19.50**	MG/KG	0.20	INORG	0.0	2.0	7440-38-2		J	MND33	Soil		2-Exceeds background value.
MND33-0086	0086-0001	Borehole	19911217	Arsenic	**9.10**	MG/KG	0.20	INORG	0.0	2.0	7440-38-2	*		MND33	Soil		2-Exceeds background value.
MND33-0085	0085-0001	Borehole	19911216	Arsenic	6.10	MG/KG	0.20	INORG	0.0	2.0	7440-38-2			MND33	Soil		
MND33-0085	0085-0002	Borehole	19911216	Arsenic	3.50	MG/KG	0.20	INORG	0.0	4.5	7440-38-2			MND33	Soil		
MND33-0084	0084-0001	Borehole	19911216	Arsenic	**11.40**	MG/KG	0.20	INORG	0.0	2.0	7440-38-2			MND33	Soil		2-Exceeds background value.
MND33-0083	0083-0001	Borehole	19911216	Arsenic	1.40	MG/KG	0.20	INORG	0.0	2.0	7440-38-2			MND33	Soil		
MND33-0098	0098-0002	Borehole	19911218	Arsenic	3.60	MG/KG	0.20	INORG	2.0	5.2	7440-38-2		J	MND33	Soil		
MND33-0098	0098-0001	Borehole	19911218	Arsenic	**9.50**	MG/KG	0.20	INORG	0.0	2.0	7440-38-2		J	MND33	Soil		2-Exceeds background value.
MND33-0096	0096-0001	Borehole	19911218	Arsenic	4.10	MG/KG	0.20	INORG	0.0	2.0	7440-38-2		J	MND33	Soil		
MND33-0094	0094-0001	Borehole	19911217	Arsenic	1.50	MG/KG	0.20	INORG	0.0	2.0	7440-38-2		J	MND33	Soil		
MND33-0094	0094-0002	Borehole	19911217	Arsenic	2.30	MG/KG	0.20	INORG	2.0	4.5	7440-38-2		J	MND33	Soil		
MND33-0094	0094-1001	Borehole	19911217	Arsenic	4.80	MG/KG	0.20	INORG	0.0	2.0	7440-38-2		J	MND33	Soil		
MND33-0093	0093-0001	Borehole	19911217	Arsenic	5.90	MG/KG	0.20	INORG	0.0	2.0	7440-38-2		J	MND33	Soil		
MND33-0092	0092-0001	Borehole	19911217	Arsenic	8.60	MG/KG	0.20	INORG	0.0	2.0	7440-38-2		J	MND33	Soil		
MND33-0091	0091-0002	Borehole	19911217	Arsenic	0.80	MG/KG	0.20	INORG	2.0	3.1	7440-38-2		J	MND33	Soil		
MND33-0091	0091-0001	Borehole	19911217	Arsenic	7.60	MG/KG	0.20	INORG	0.0	2.0	7440-38-2		J	MND33	Soil		
SGC015	NAC015	Borehole	19960205	Arsenic	3.60	MG/KG		INORG	0.0	3.0	7440-38-2			SGCSP	Soil	Split spoon	
001	000090	Surface locati	19970327	Barium	152.00	MG/KG		INORG	1.0	2.0	7440-39-3			BURNAREA	Soil		
001	000093	Surface locati	19970327	Barium	64.00	MG/KG		INORG	2.0	3.0	7440-39-3			BURNAREA	Soil		
001	000089	Surface locati	19970327	Barium	34.60	MG/KG		INORG	0.0	1.0	7440-39-3			BURNAREA	Soil		
001	000091	Surface locati	19970327	Barium	137.00	MG/KG		INORG	1.0	2.0	7440-39-3			BURNAREA	Soil		
002	000087	Surface locati	19970327	Barium	66.10	MG/KG		INORG	1.0	2.0	7440-39-3			BURNAREA	Soil		
002	000088	Surface locati	19970327	Barium	28.70	MG/KG		INORG	2.0	3.0	7440-39-3			BURNAREA	Soil		
002	000086	Surface locati	19970327	Barium	73.90	MG/KG		INORG	0.0	1.0	7440-39-3			BURNAREA	Soil		
005	000081	Surface locati	19970329	Barium	129.00	MG/KG		INORG	1.0	2.0	7440-39-3			BURNAREA	Soil		
005	000079	Surface locati	19970327	Barium	74.50	MG/KG		INORG	0.0	1.0	7440-39-3			BURNAREA	Soil		
005	000082	Surface locati	19970327	Barium	56.60	MG/KG		INORG	2.0	3.0	7440-39-3			BURNAREA	Soil		
005	000080	Surface locati	19970327	Barium	73.40	MG/KG		INORG	0.0	1.0	7440-39-3			BURNAREA	Soil		
010	000077	Surface locati	19970327	Barium	87.60	MG/KG		INORG	1.0	2.0	7440-39-3			BURNAREA	Soil		
010	000076	Surface locati	19970327	Barium	72.90	MG/KG		INORG	0.0	1.0	7440-39-3			BURNAREA	Soil		
010	000078	Surface locati	19970327	Barium	135.00	MG/KG		INORG	2.0	3.0	7440-39-3			BURNAREA	Soil		
006	000074	Surface locati	19970327	Barium	72.80	MG/KG		INORG	1.0	2.0	7440-39-3			BURNAREA	Soil		
006	000075	Surface locati	19970327	Barium	146.00	MG/KG		INORG	2.0	3.0	7440-39-3			BURNAREA	Soil		
006	000073	Surface locati	19970327	Barium	75.70	MG/KG		INORG	0.0	1.0	7440-39-3			BURNAREA	Soil		
007	000070	Surface locati	19970327	Barium	27.10	MG/KG		INORG	0.0	1.0	7440-39-3			BURNAREA	Soil		
007	000072	Surface locati	19970327	Barium	163.00	MG/KG		INORG	2.0	3.0	7440-39-3			BURNAREA	Soil		
007	000071	Surface locati	19970327	Barium	80.30	MG/KG		INORG	1.0	2.0	7440-39-3			BURNAREA	Soil		
011	000067	Surface locati	19970326	Barium	38.50	MG/KG		INORG	2.0	3.0	7440-39-3			BURNAREA	Soil		
011	000066	Surface locati	19970326	Barium	**183.00**	MG/KG		INORG	1.0	2.0	7440-39-3			BURNAREA	Soil		2-Exceeds background value.
011	000065	Surface locati	19970326	Barium	87.50	MG/KG		INORG	0.0	1.0	7440-39-3			BURNAREA	Soil		
011	000068	Surface locati	19970326	Barium	34.10	MG/KG		INORG	2.0	3.0	7440-39-3			BURNAREA	Soil		
027	000063	Surface locati	19970326	Barium	34.90	MG/KG		INORG	1.0	2.0	7440-39-3			BURNAREA	Soil		
027	000064	Surface locati	19970326	Barium	44.30	MG/KG		INORG	2.0	3.0	7440-39-3			BURNAREA	Soil		
027	000062	Surface locati	19970326	Barium	26.90	MG/KG		INORG	0.0	1.0	7440-39-3			BURNAREA	Soil		
025	000060	Surface locati	19970326	Barium	90.80	MG/KG		INORG	1.0	2.0	7440-39-3			BURNAREA	Soil		
025	000061	Surface locati	19970326	Barium	33.90	MG/KG		INORG	2.0	3.0	7440-39-3			BURNAREA	Soil		
025	000059	Surface locati	19970326	Barium	89.80	MG/KG		INORG	0.0	1.0	7440-39-3			BURNAREA	Soil		
026	000058	Surface locati	19970326	Barium	97.40	MG/KG		INORG	2.0	3.0	7440-39-3			BURNAREA	Soil		
026	000055	Surface locati	19970326	Barium	111.00	MG/KG		INORG	0.0	1.0	7440-39-3			BURNAREA	Soil		
026	000056	Surface locati	19970326	Barium	26.70	MG/KG		INORG	1.0	2.0	7440-39-3			BURNAREA	Soil		
026	000057	Surface locati	19970326	Barium	45.10	MG/KG		INORG	1.0	2.0	7440-39-3			BURNAREA	Soil		

Location_name	Sample_id	Location_type	Collection_da	Value_name	Measured_va	Value_units	Detection_li	Chem_clas	Start_de	End_dept	CAS_number	Lab_qu	Data_	Project_code	Media	Collection_n	Comments
012	000054	Surface locati	19970326	Barium	36.80	MG/KG		INORG	2.0	3.0	7440-39-3			BURNAREA	Soil		
012	000052	Surface locati	19970326	Barium	116.00	MG/KG		INORG	0.0	1.0	7440-39-3			BURNAREA	Soil		
012	000053	Surface locati	19970326	Barium	81.30	MG/KG		INORG	1.0	2.0	7440-39-3			BURNAREA	Soil		
017	000043	Surface locati	19970326	Barium	54.00	MG/KG		INORG	2.0	3.0	7440-39-3			BURNAREA	Soil		
017	000041	Surface locati	19970324	Barium	114.00	MG/KG		INORG	0.0	1.0	7440-39-3			BURNAREA	Soil		
017	000042	Surface locati	19970326	Barium	58.90	MG/KG		INORG	1.0	2.0	7440-39-3			BURNAREA	Soil		
023	000040	Surface locati	19970326	Barium	34.60	MG/KG		INORG	2.0	3.0	7440-39-3			BURNAREA	Soil		
023	000039	Surface locati	19970326	Barium	82.40	MG/KG		INORG	1.0	2.0	7440-39-3			BURNAREA	Soil		
023	000038	Surface locati	19970326	Barium	106.00	MG/KG		INORG	0.0	1.0	7440-39-3			BURNAREA	Soil		
016	000032	Surface locati	19970325	Barium	58.60	MG/KG		INORG	1.0	2.0	7440-39-3			BURNAREA	Soil		
016	000033	Surface locati	19970325	Barium	47.50	MG/KG		INORG	2.0	3.0	7440-39-3			BURNAREA	Soil		
016	000031	Surface locati	19970325	Barium	86.30	MG/KG		INORG	0.0	1.0	7440-39-3			BURNAREA	Soil		
016	000034	Surface locati	19970325	Barium	59.30	MG/KG		INORG	2.0	3.0	7440-39-3			BURNAREA	Soil		
024	000021	Surface locati	19970324	Barium	100.00	MG/KG		INORG	2.0	3.0	7440-39-3			BURNAREA	Soil		
024	000024	Surface locati	19970324	Barium	84.80	MG/KG		INORG	1.0	2.0	7440-39-3			BURNAREA	Soil		
024	000020	Surface locati	19970324	Barium	87.90	MG/KG		INORG	2.0	3.0	7440-39-3			BURNAREA	Soil		
024	000022	Surface locati	19970324	Barium	99.30	MG/KG		INORG	2.0	3.0	7440-39-3			BURNAREA	Soil		
MND33-0090	0090-0001	Borehole	19911217	Barium	52.30	MG/KG	0.20	INORG	0.0	3.5	7440-39-3			MND33	Soil		
MND33-0090	0090-1001	Borehole	19911217	Barium	73.50	MG/KG	0.20	INORG	0.0	3.5	7440-39-3			MND33	Soil		
MND33-0089	0089-0001	Borehole	19911217	Barium	43.90	MG/KG	0.20	INORG	0.0	2.0	7440-39-3	B		MND33	Soil		
MND33-0088	0088-0001	Borehole	19911217	Barium	66.20	MG/KG	0.20	INORG	0.0	2.0	7440-39-3			MND33	Soil		
MND33-0087	0087-0001	Borehole	19911217	Barium	54.90	MG/KG	0.20	INORG	0.0	2.0	7440-39-3			MND33	Soil		
MND33-0086	0086-0001	Borehole	19911217	Barium	82.70	MG/KG	0.20	INORG	0.0	2.0	7440-39-3			MND33	Soil		
MND33-0085	0085-0001	Borehole	19911216	Barium	58.20	MG/KG	0.20	INORG	0.0	2.0	7440-39-3			MND33	Soil		
MND33-0085	0085-0002	Borehole	19911216	Barium	30.20	MG/KG	0.20	INORG	0.0	4.5	7440-39-3			MND33	Soil		
MND33-0084	0084-0001	Borehole	19911216	Barium	65.30	MG/KG	0.20	INORG	0.0	2.0	7440-39-3			MND33	Soil		
MND33-0083	0083-0001	Borehole	19911216	Barium	59.00	MG/KG	0.20	INORG	0.0	2.0	7440-39-3			MND33	Soil		
MND33-0098	0098-0002	Borehole	19911218	Barium	43.50	MG/KG	0.20	INORG	2.0	5.2	7440-39-3			MND33	Soil		
MND33-0098	0098-0001	Borehole	19911218	Barium	117.00	MG/KG	0.20	INORG	0.0	2.0	7440-39-3			MND33	Soil		
MND33-0096	0096-0001	Borehole	19911218	Barium	60.20	MG/KG	0.20	INORG	0.0	2.0	7440-39-3			MND33	Soil		
MND33-0094	0094-0001	Borehole	19911217	Barium	47.90	MG/KG	0.20	INORG	0.0	2.0	7440-39-3	B		MND33	Soil		
MND33-0094	0094-0002	Borehole	19911217	Barium	58.90	MG/KG	0.20	INORG	2.0	4.5	7440-39-3			MND33	Soil		
MND33-0094	0094-1001	Borehole	19911217	Barium	139.00	MG/KG	0.20	INORG	0.0	2.0	7440-39-3			MND33	Soil		
MND33-0093	0093-0001	Borehole	19911217	Barium	89.10	MG/KG	0.20	INORG	0.0	2.0	7440-39-3			MND33	Soil		
MND33-0092	0092-0001	Borehole	19911217	Barium	84.20	MG/KG	0.20	INORG	0.0	2.0	7440-39-3			MND33	Soil		
MND33-0091	0091-0002	Borehole	19911217	Barium	28.90	MG/KG	0.20	INORG	2.0	3.1	7440-39-3	B		MND33	Soil		
MND33-0091	0091-0001	Borehole	19911217	Barium	55.70	MG/KG	0.20	INORG	0.0	2.0	7440-39-3			MND33	Soil		
SGC015	NAC015	Borehole	19960205	Barium	51.30	MG/KG		INORG	0.0	3.0	7440-39-3	B		SGCSP	Soil	Split spoon	
MND33-0085	0085-0003	Borehole	19911216	Benzene	5.00	UG/KG	5.00	ORVOA	7.0	7.5	71-43-2	J	J	MND33	Soil		
SGC015	NAC015	Borehole	19960205	Benzene	2.00	UG/KG		ORVOA	0.0	3.0	71-43-2	J		SGCSP	Soil	Split spoon	
001	000090	Surface locati	19970327	Beryllium	1.20	MG/KG		INORG	1.0	2.0	7440-41-7			BURNAREA	Soil		1:Exceeds soil 10-6 GV.
001	000093	Surface locati	19970327	Beryllium	0.46	MG/KG		INORG	2.0	3.0	7440-41-7	B	B	BURNAREA	Soil		
001	000089	Surface locati	19970327	Beryllium	0.34	MG/KG		INORG	0.0	1.0	7440-41-7	B		BURNAREA	Soil		
001	000091	Surface locati	19970327	Beryllium	1.40	MG/KG		INORG	1.0	2.0	7440-41-7			BURNAREA	Soil		1:Exceeds soil 10-6 GV. 2-Exceeds background value.
002	000087	Surface locati	19970327	Beryllium	1.20	MG/KG		INORG	1.0	2.0	7440-41-7			BURNAREA	Soil		1:Exceeds soil 10-6 GV.
002	000088	Surface locati	19970327	Beryllium	0.37	MG/KG		INORG	2.0	3.0	7440-41-7	B		BURNAREA	Soil		
002	000086	Surface locati	19970327	Beryllium	1.60	MG/KG		INORG	0.0	1.0	7440-41-7			BURNAREA	Soil		1:Exceeds soil 10-6 GV. 2-Exceeds background value.
005	000081	Surface locati	19970329	Beryllium	1.70	MG/KG		INORG	1.0	2.0	7440-41-7			BURNAREA	Soil		1:Exceeds soil 10-6 GV. 2-Exceeds background value.
005	000079	Surface locati	19970327	Beryllium	0.56	MG/KG		INORG	0.0	1.0	7440-41-7			BURNAREA	Soil		
005	000082	Surface locati	19970327	Beryllium	0.50	MG/KG		INORG	2.0	3.0	7440-41-7	B		BURNAREA	Soil		
005	000080	Surface locati	19970327	Beryllium	0.60	MG/KG		INORG	0.0	1.0	7440-41-7	B		BURNAREA	Soil		
010	000077	Surface locati	19970327	Beryllium	0.99	MG/KG		INORG	1.0	2.0	7440-41-7			BURNAREA	Soil		1:Exceeds soil 10-6 GV.
010	000076	Surface locati	19970327	Beryllium	0.74	MG/KG		INORG	0.0	1.0	7440-41-7			BURNAREA	Soil		1:Exceeds soil 10-6 GV.
010	000078	Surface locati	19970327	Beryllium	1.10	MG/KG		INORG	2.0	3.0	7440-41-7			BURNAREA	Soil		1:Exceeds soil 10-6 GV.
006	000074	Surface locati	19970327	Beryllium	1.70	MG/KG		INORG	1.0	2.0	7440-41-7			BURNAREA	Soil		1:Exceeds soil 10-6 GV. 2-Exceeds background value.
006	000075	Surface locati	19970327	Beryllium	0.91	MG/KG		INORG	2.0	3.0	7440-41-7			BURNAREA	Soil		1:Exceeds soil 10-6 GV.
006	000073	Surface locati	19970327	Beryllium	1.20	MG/KG		INORG	0.0	1.0	7440-41-7			BURNAREA	Soil		1:Exceeds soil 10-6 GV.
007	000070	Surface locati	19970327	Beryllium	0.50	MG/KG		INORG	0.0	1.0	7440-41-7	B		BURNAREA	Soil		
007	000072	Surface locati	19970327	Beryllium	1.10	MG/KG		INORG	2.0	3.0	7440-41-7			BURNAREA	Soil		1:Exceeds soil 10-6 GV.
007	000071	Surface locati	19970327	Beryllium	0.79	MG/KG		INORG	1.0	2.0	7440-41-7			BURNAREA	Soil		1:Exceeds soil 10-6 GV.
011	000067	Surface locati	19970326	Beryllium	0.34	MG/KG		INORG	2.0	3.0	7440-41-7	B	B	BURNAREA	Soil		
011	000066	Surface locati	19970326	Beryllium	2.00	MG/KG		INORG	1.0	2.0	7440-41-7			BURNAREA	Soil		1:Exceeds soil 10-6 GV. 2-Exceeds background value.
011	000065	Surface locati	19970326	Beryllium	3.60	MG/KG		INORG	0.0	1.0	7440-41-7			BURNAREA	Soil		1:Exceeds soil 10-6 GV. 2-Exceeds background value.
011	000068	Surface locati	19970326	Beryllium	0.26	MG/KG		INORG	2.0	3.0	7440-41-7	B		BURNAREA	Soil		
027	000063	Surface locati	19970326	Beryllium	0.44	MG/KG		INORG	1.0	2.0	7440-41-7	B		BURNAREA	Soil		
027	000064	Surface locati	19970326	Beryllium	0.54	MG/KG		INORG	2.0	3.0	7440-41-7	B		BURNAREA	Soil		
027	000062	Surface locati	19970326	Beryllium	0.32	MG/KG		INORG	0.0	1.0	7440-41-7	B		BURNAREA	Soil		
025	000060	Surface locati	19970326	Beryllium	0.67	MG/KG		INORG	1.0	2.0	7440-41-7			BURNAREA	Soil		
025	000061	Surface locati	19970326	Beryllium	0.37	MG/KG		INORG	2.0	3.0	7440-41-7	B		BURNAREA	Soil		
025	000059	Surface locati	19970326	Beryllium	0.96	MG/KG		INORG	0.0	1.0	7440-41-7			BURNAREA	Soil		1:Exceeds soil 10-6 GV.
026	000058	Surface locati	19970326	Beryllium	0.80	MG/KG		INORG	2.0	3.0	7440-41-7			BURNAREA	Soil		1:Exceeds soil 10-6 GV.

Location_name	Sample_id	Location_type	Collection_da	Value_name	Measured_va	Value_units	Detection_li	Chem_clas	Start_de	End_dept	CAS_number	Lab_qu	Data_(	Project_code	Media	Collection_n	Comments
026	000055	Surface locati	19970326	Beryllium	1.10	MG/KG		INORG	0.0	1.0	7440-41-7			BURNAREA	Soil		1-Exceeds soil 10-6 GV.
026	000056	Surface locati	19970326	Beryllium	0.42	MG/KG		INORG	1.0	2.0	7440-41-7	B		BURNAREA	Soil		
026	000057	Surface locati	19970326	Beryllium	0.71	MG/KG		INORG	1.0	2.0	7440-41-7			BURNAREA	Soil		1-Exceeds soil 10-6 GV.
012	000054	Surface locati	19970326	Beryllium	0.60	MG/KG		INORG	2.0	3.0	7440-41-7			BURNAREA	Soil		
012	000052	Surface locati	19970326	Beryllium	1.40	MG/KG		INORG	0.0	1.0	7440-41-7			BURNAREA	Soil		1-Exceeds soil 10-6 GV. 2-Exceeds background value.
012	000053	Surface locati	19970326	Beryllium	0.81	MG/KG		INORG	1.0	2.0	7440-41-7			BURNAREA	Soil		1-Exceeds soil 10-6 GV.
017	000043	Surface locati	19970326	Beryllium	0.75	MG/KG		INORG	2.0	3.0	7440-41-7			BURNAREA	Soil		1-Exceeds soil 10-6 GV.
017	000041	Surface locati	19970324	Beryllium	1.20	MG/KG		INORG	0.0	1.0	7440-41-7			BURNAREA	Soil		1-Exceeds soil 10-6 GV.
017	000042	Surface locati	19970326	Beryllium	0.82	MG/KG		INORG	1.0	2.0	7440-41-7			BURNAREA	Soil		1-Exceeds soil 10-6 GV.
023	000040	Surface locati	19970326	Beryllium	0.57	MG/KG		INORG	2.0	3.0	7440-41-7			BURNAREA	Soil		
023	000039	Surface locati	19970326	Beryllium	1.10	MG/KG		INORG	1.0	2.0	7440-41-7			BURNAREA	Soil		1-Exceeds soil 10-6 GV.
023	000038	Surface locati	19970326	Beryllium	1.20	MG/KG		INORG	0.0	1.0	7440-41-7			BURNAREA	Soil		1-Exceeds soil 10-6 GV.
016	000032	Surface locati	19970325	Beryllium	0.46	MG/KG		INORG	1.0	2.0	7440-41-7	B		BURNAREA	Soil		
016	000033	Surface locati	19970325	Beryllium	0.46	MG/KG		INORG	2.0	3.0	7440-41-7	B		BURNAREA	Soil		
016	000031	Surface locati	19970325	Beryllium	0.75	MG/KG		INORG	0.0	1.0	7440-41-7			BURNAREA	Soil		1-Exceeds soil 10-6 GV.
016	000034	Surface locati	19970325	Beryllium	0.46	MG/KG		INORG	2.0	3.0	7440-41-7	B		BURNAREA	Soil		
024	000021	Surface locati	19970324	Beryllium	0.94	MG/KG		INORG	2.0	3.0	7440-41-7			BURNAREA	Soil		1-Exceeds soil 10-6 GV.
024	000024	Surface locati	19970324	Beryllium	1.00	MG/KG		INORG	1.0	2.0	7440-41-7			BURNAREA	Soil		1-Exceeds soil 10-6 GV.
024	000020	Surface locati	19970324	Beryllium	1.10	MG/KG		INORG	2.0	3.0	7440-41-7			BURNAREA	Soil		1-Exceeds soil 10-6 GV.
024	000022	Surface locati	19970324	Beryllium	0.91	MG/KG		INORG	2.0	3.0	7440-41-7			BURNAREA	Soil		1-Exceeds soil 10-6 GV.
MND33-0090	0090-0001	Borehole	19911217	Beryllium	1.10	MG/KG	0.20	INORG	0.0	3.5	7440-41-7	B	J	MND33	Soil		1-Exceeds soil 10-6 GV.
MND33-0090	0090-1001	Borehole	19911217	Beryllium	1.20	MG/KG	0.20	INORG	0.0	3.5	7440-41-7	B	J	MND33	Soil		1-Exceeds soil 10-6 GV.
MND33-0089	0089-0001	Borehole	19911217	Beryllium	1.20	MG/KG	0.20	INORG	0.0	2.0	7440-41-7			MND33	Soil		1-Exceeds soil 10-6 GV.
MND33-0088	0088-0001	Borehole	19911217	Beryllium	2.00	MG/KG	0.20	INORG	0.0	2.0	7440-41-7			MND33	Soil		1-Exceeds soil 10-6 GV. 2-Exceeds background value.
MND33-0087	0087-0001	Borehole	19911217	Beryllium	2.20	MG/KG	0.20	INORG	0.0	2.0	7440-41-7			MND33	Soil		1-Exceeds soil 10-6 GV. 2-Exceeds background value.
MND33-0086	0086-0001	Borehole	19911217	Beryllium	2.00	MG/KG	0.20	INORG	0.0	2.0	7440-41-7			MND33	Soil		1-Exceeds soil 10-6 GV. 2-Exceeds background value.
MND33-0085	0085-0001	Borehole	19911216	Beryllium	1.30	MG/KG	0.20	INORG	0.0	2.0	7440-41-7		J	MND33	Soil		1-Exceeds soil 10-6 GV.
MND33-0085	0085-0002	Borehole	19911216	Beryllium	1.00	MG/KG	0.20	INORG	0.0	4.5	7440-41-7		J	MND33	Soil		1-Exceeds soil 10-6 GV.
MND33-0084	0084-0001	Borehole	19911216	Beryllium	2.30	MG/KG	0.20	INORG	0.0	2.0	7440-41-7			MND33	Soil		1-Exceeds soil 10-6 GV. 2-Exceeds background value.
MND33-0083	0083-0001	Borehole	19911216	Beryllium	0.83	MG/KG	0.20	INORG	0.0	2.0	7440-41-7		J	MND33	Soil		1-Exceeds soil 10-6 GV.
MND33-0098	0098-0002	Borehole	19911218	Beryllium	0.91	MG/KG	0.20	INORG	2.0	5.2	7440-41-7		J	MND33	Soil		1-Exceeds soil 10-6 GV.
MND33-0098	0098-0001	Borehole	19911218	Beryllium	1.70	MG/KG	0.20	INORG	0.0	2.0	7440-41-7			MND33	Soil		1-Exceeds soil 10-6 GV. 2-Exceeds background value.
MND33-0096	0096-0001	Borehole	19911218	Beryllium	0.84	MG/KG	0.20	INORG	0.0	2.0	7440-41-7			MND33	Soil		1-Exceeds soil 10-6 GV.
MND33-0094	0094-0001	Borehole	19911217	Beryllium	0.85	MG/KG	0.20	INORG	0.0	2.0	7440-41-7	B	J	MND33	Soil		1-Exceeds soil 10-6 GV.
MND33-0094	0094-0002	Borehole	19911217	Beryllium	0.88	MG/KG	0.20	INORG	2.0	4.5	7440-41-7	B		MND33	Soil		1-Exceeds soil 10-6 GV.
MND33-0094	0094-1001	Borehole	19911217	Beryllium	1.40	MG/KG	0.20	INORG	0.0	2.0	7440-41-7		J	MND33	Soil		1-Exceeds soil 10-6 GV. 2-Exceeds background value.
MND33-0093	0093-0001	Borehole	19911217	Beryllium	1.20	MG/KG	0.20	INORG	0.0	2.0	7440-41-7	B	J	MND33	Soil		1-Exceeds soil 10-6 GV.
MND33-0092	0092-0001	Borehole	19911217	Beryllium	1.70	MG/KG	0.20	INORG	0.0	2.0	7440-41-7		J	MND33	Soil		1-Exceeds soil 10-6 GV. 2-Exceeds background value.
MND33-0091	0091-0002	Borehole	19911217	Beryllium	0.81	MG/KG	0.20	INORG	2.0	3.1	7440-41-7	B	J	MND33	Soil		1-Exceeds soil 10-6 GV.
MND33-0091	0091-0001	Borehole	19911217	Beryllium	1.80	MG/KG	0.20	INORG	0.0	2.0	7440-41-7		J	MND33	Soil		1-Exceeds soil 10-6 GV. 2-Exceeds background value.
SGC015	NAC015	Borehole	19960205	Beryllium	0.24	MG/KG		INORG	0.0	3.0	7440-41-7	B		SGCSP	Soil	Split spoon	
MND33-0085	0085-0001	Borehole	19911216	Bis(2-ethylhexyl)phthalate	93.00	UG/KG	840.00	ORSVO	0.0	2.0	117-81-7	J	J	MND33	Soil		
MND33-0085	0085-0002	Borehole	19911216	Bis(2-ethylhexyl)phthalate	140.00	UG/KG	770.00	ORSVO	0.0	4.5	117-81-7	J	J	MND33	Soil		
MND33-0084	0084-0001	Borehole	19911216	Bis(2-ethylhexyl)phthalate	170.00	UG/KG	850.00	ORSVO	0.0	2.0	117-81-7	J	J	MND33	Soil		
001	000093	Surface locati	19970327	Cadmium	1.10	MG/KG		INORG	2.0	3.0	7440-43-9			BURNAREA	Soil		
005	000079	Surface locati	19970327	Cadmium	0.25	MG/KG		INORG	0.0	1.0	7440-43-9	B		BURNAREA	Soil		
005	000082	Surface locati	19970327	Cadmium	1.40	MG/KG		INORG	2.0	3.0	7440-43-9			BURNAREA	Soil		
025	000059	Surface locati	19970326	Cadmium	0.35	MG/KG		INORG	0.0	1.0	7440-43-9	B		BURNAREA	Soil		
016	000032	Surface locati	19970325	Cadmium	0.27	MG/KG		INORG	1.0	2.0	7440-43-9	B		BURNAREA	Soil		
024	000024	Surface locati	19970324	Cadmium	0.45	MG/KG		INORG	1.0	2.0	7440-43-9	B		BURNAREA	Soil		
MND33-0090	0090-0001	Borehole	19911217	Cadmium	2.70	MG/KG	0.20	INORG	0.0	3.5	7440-43-9	B	J	MND33	Soil		2-Exceeds background value.
MND33-0090	0090-1001	Borehole	19911217	Cadmium	5.20	MG/KG	0.20	INORG	0.0	3.5	7440-43-9		J	MND33	Soil		2-Exceeds background value.
MND33-0089	0089-0001	Borehole	19911217	Cadmium	1.10	MG/KG	0.20	INORG	0.0	2.0	7440-43-9	B		MND33	Soil		
MND33-0088	0088-0001	Borehole	19911217	Cadmium	1.10	MG/KG	0.20	INORG	0.0	2.0	7440-43-9	B		MND33	Soil		
MND33-0087	0087-0001	Borehole	19911217	Cadmium	0.68	MG/KG	0.20	INORG	0.0	2.0	7440-43-9	B		MND33	Soil		
MND33-0086	0086-0001	Borehole	19911217	Cadmium	0.72	MG/KG	0.20	INORG	0.0	2.0	7440-43-9			MND33	Soil		
MND33-0085	0085-0001	Borehole	19911216	Cadmium	5.70	MG/KG	0.20	INORG	0.0	2.0	7440-43-9		J	MND33	Soil		2-Exceeds background value.
MND33-0085	0085-0002	Borehole	19911216	Cadmium	2.60	MG/KG	0.20	INORG	0.0	4.5	7440-43-9			MND33	Soil		2-Exceeds background value.
MND33-0084	0084-0001	Borehole	19911216	Cadmium	3.30	MG/KG	0.20	INORG	0.0	2.0	7440-43-9			MND33	Soil		2-Exceeds background value.
MND33-0098	0098-0001	Borehole	19911218	Cadmium	3.20	MG/KG	0.20	INORG	0.0	2.0	7440-43-9			MND33	Soil		2-Exceeds background value.
MND33-0096	0096-0001	Borehole	19911218	Cadmium	0.69	MG/KG	0.20	INORG	0.0	2.0	7440-43-9			MND33	Soil		
MND33-0094	0094-0001	Borehole	19911217	Cadmium	11.70	MG/KG	0.20	INORG	0.0	2.0	7440-43-9		J	MND33	Soil		2-Exceeds background value.
MND33-0094	0094-0002	Borehole	19911217	Cadmium	0.86	MG/KG	0.20	INORG	2.0	4.5	7440-43-9	B		MND33	Soil		
MND33-0094	0094-1001	Borehole	19911217	Cadmium	1.30	MG/KG	0.20	INORG	0.0	2.0	7440-43-9	B	J	MND33	Soil		
MND33-0093	0093-0001	Borehole	19911217	Cadmium	2.10	MG/KG	0.20	INORG	0.0	2.0	7440-43-9		J	MND33	Soil		
MND33-0092	0092-0001	Borehole	19911217	Cadmium	4.00	MG/KG	0.20	INORG	0.0	2.0	7440-43-9		J	MND33	Soil		2-Exceeds background value.
MND33-0091	0091-0001	Borehole	19911217	Cadmium	1.80	MG/KG	0.20	INORG	0.0	2.0	7440-43-9		J	MND33	Soil		
SGC015	NAC015	Borehole	19960205	Cadmium	3.70	MG/KG		INORG	0.0	3.0	7440-43-9			SGCSP	Soil	Split spoon	2-Exceeds background value.
MND33-0090	0090-0001	Borehole	19911217	Calcium	168000.00	MG/KG	2.00	INORG	0.0	3.5	7440-70-2	*	J	MND33	Soil		
MND33-0090	0090-1001	Borehole	19911217	Calcium	114000.00	MG/KG	2.00	INORG	0.0	3.5	7440-70-2	*	J	MND33	Soil		
MND33-0089	0089-0001	Borehole	19911217	Calcium	11500.00	MG/KG	2.00	INORG	0.0	2.0	7440-70-2	*		MND33	Soil		

Location_name	Sample_id	Location_type	Collection_da	Value_name	Measured_va	Value_units	Detection_li	Chem_clas	Start_de	End_dept	CAS_number	Lab_qu	Data_q	Project_code	Media	Collection_n	Comments
MND33-0088	0088-0001	Borehole	19911217	Calcium	14700.00	MG/KG	2.00	INORG	0.0	2.0	7440-70-2	*		MND33	Soil		
MND33-0087	0087-0001	Borehole	19911217	Calcium	7650.00	MG/KG	2.00	INORG	0.0	2.0	7440-70-2	*		MND33	Soil		
MND33-0086	0086-0001	Borehole	19911217	Calcium	4230.00	MG/KG	2.00	INORG	0.0	2.0	7440-70-2			MND33	Soil		
MND33-0085	0085-0001	Borehole	19911216	Calcium	155000.00	MG/KG	2.00	INORG	0.0	2.0	7440-70-2			MND33	Soil		
MND33-0085	0085-0002	Borehole	19911216	Calcium	198000.00	MG/KG	2.00	INORG	0.0	4.5	7440-70-2			MND33	Soil		
MND33-0084	0084-0001	Borehole	19911216	Calcium	49400.00	MG/KG	2.00	INORG	0.0	2.0	7440-70-2			MND33	Soil		
MND33-0083	0083-0001	Borehole	19911216	Calcium	196000.00	MG/KG	2.00	INORG	0.0	2.0	7440-70-2			MND33	Soil		
MND33-0098	0098-0002	Borehole	19911218	Calcium	145000.00	MG/KG	2.00	INORG	2.0	5.2	7440-70-2	*		MND33	Soil		
MND33-0098	0098-0001	Borehole	19911218	Calcium	47100.00	MG/KG	2.00	INORG	0.0	2.0	7440-70-2	*		MND33	Soil		
MND33-0096	0096-0001	Borehole	19911218	Calcium	103000.00	MG/KG	2.00	INORG	0.0	2.0	7440-70-2	*		MND33	Soil		
MND33-0094	0094-0001	Borehole	19911217	Calcium	191000.00	MG/KG	2.00	INORG	0.0	2.0	7440-70-2	*	J	MND33	Soil		
MND33-0094	0094-0002	Borehole	19911217	Calcium	114000.00	MG/KG	2.00	INORG	2.0	4.5	7440-70-2	*		MND33	Soil		
MND33-0094	0094-1001	Borehole	19911217	Calcium	39300.00	MG/KG	2.00	INORG	0.0	2.0	7440-70-2	*	J	MND33	Soil		
MND33-0093	0093-0001	Borehole	19911217	Calcium	135000.00	MG/KG	2.00	INORG	0.0	2.0	7440-70-2	*		MND33	Soil		
MND33-0092	0092-0001	Borehole	19911217	Calcium	168000.00	MG/KG	2.00	INORG	0.0	2.0	7440-70-2	*		MND33	Soil		
MND33-0091	0091-0002	Borehole	19911217	Calcium	233000.00	MG/KG	2.00	INORG	2.0	3.1	7440-70-2	*		MND33	Soil		
MND33-0091	0091-0001	Borehole	19911217	Calcium	108000.00	MG/KG	2.00	INORG	0.0	2.0	7440-70-2	*		MND33	Soil		
SGC015	NAC015	Borehole	19960205	Calcium	**342000.00**	MG/KG		INORG	0.0	3.0	7440-70-2			SGCSP	Soil	Split spoon	2-Exceeds background value.
MND33-0090	0090-0001	Borehole	19911217	Carbon Disulfide	3.00	UG/KG	6.00	ORVOA	0.0	3.5	75-15-0	J	J	MND33	Soil		
MND33-0083	0083-0001	Borehole	19911216	Carbon Disulfide	2.00	UG/KG	6.00	ORVOA	0.0	2.0	75-15-0	J	J	MND33	Soil		
MND33-0094	0094-0002	Borehole	19911217	Carbon Disulfide	3.00	UG/KG	6.00	ORVOA	2.0	4.5	75-15-0	J	J	MND33	Soil		
MND33-0091	0091-0001	Borehole	19911217	Carbon Disulfide	1.00	UG/KG	6.00	ORVOA	0.0	2.0	75-15-0	J	J	MND33	Soil		
MND33-0084	0084-0001	Borehole	19911216	Chloride	12.80	MG/KG	10.00	ANION	0.0	2.0	16887-00-6			MND33	Soil		
001	000090	Surface locati	19970327	Chromium	17.90	MG/KG		INORG	1.0	2.0	7440-47-3			BURNAREA	Soil		
001	000093	Surface locati	19970327	Chromium	8.40	MG/KG		INORG	2.0	3.0	7440-47-3			BURNAREA	Soil		
001	000089	Surface locati	19970327	Chromium	5.20	MG/KG		INORG	0.0	1.0	7440-47-3			BURNAREA	Soil		
001	000091	Surface locati	19970327	Chromium	**20.60**	MG/KG		INORG	1.0	2.0	7440-47-3			BURNAREA	Soil		2-Exceeds background value.
002	000087	Surface locati	19970327	Chromium	10.90	MG/KG		INORG	1.0	2.0	7440-47-3			BURNAREA	Soil		
002	000088	Surface locati	19970327	Chromium	4.60	MG/KG		INORG	2.0	3.0	7440-47-3			BURNAREA	Soil		
002	000086	Surface locati	19970327	Chromium	6.00	MG/KG		INORG	0.0	1.0	7440-47-3			BURNAREA	Soil		
005	000081	Surface locati	19970329	Chromium	19.50	MG/KG		INORG	1.0	2.0	7440-47-3			BURNAREA	Soil		
005	000079	Surface locati	19970327	Chromium	10.60	MG/KG		INORG	0.0	1.0	7440-47-3			BURNAREA	Soil		
005	000082	Surface locati	19970327	Chromium	7.60	MG/KG		INORG	2.0	3.0	7440-47-3			BURNAREA	Soil		
005	000080	Surface locati	19970327	Chromium	10.40	MG/KG		INORG	0.0	1.0	7440-47-3			BURNAREA	Soil		
010	000077	Surface locati	19970327	Chromium	18.80	MG/KG		INORG	1.0	2.0	7440-47-3			BURNAREA	Soil		
010	000076	Surface locati	19970327	Chromium	13.80	MG/KG		INORG	0.0	1.0	7440-47-3			BURNAREA	Soil		
010	000078	Surface locati	19970327	Chromium	18.10	MG/KG		INORG	2.0	3.0	7440-47-3			BURNAREA	Soil		
006	000074	Surface locati	19970327	Chromium	**22.10**	MG/KG		INORG	1.0	2.0	7440-47-3			BURNAREA	Soil		2-Exceeds background value.
006	000075	Surface locati	19970327	Chromium	14.90	MG/KG		INORG	2.0	3.0	7440-47-3			BURNAREA	Soil		
006	000073	Surface locati	19970327	Chromium	11.00	MG/KG		INORG	0.0	1.0	7440-47-3			BURNAREA	Soil		
007	000070	Surface locati	19970327	Chromium	7.80	MG/KG		INORG	0.0	1.0	7440-47-3			BURNAREA	Soil		
007	000072	Surface locati	19970327	Chromium	**20.10**	MG/KG		INORG	2.0	3.0	7440-47-3			BURNAREA	Soil		2-Exceeds background value.
007	000071	Surface locati	19970327	Chromium	**21.40**	MG/KG		INORG	1.0	2.0	7440-47-3			BURNAREA	Soil		2-Exceeds background value.
011	000067	Surface locati	19970326	Chromium	5.70	MG/KG		INORG	2.0	3.0	7440-47-3			BURNAREA	Soil		
011	000066	Surface locati	19970326	Chromium	**23.50**	MG/KG		INORG	1.0	2.0	7440-47-3			BURNAREA	Soil		2-Exceeds background value.
011	000065	Surface locati	19970326	Chromium	11.20	MG/KG		INORG	0.0	1.0	7440-47-3			BURNAREA	Soil		
011	000068	Surface locati	19970326	Chromium	5.00	MG/KG		INORG	2.0	3.0	7440-47-3			BURNAREA	Soil		
027	000063	Surface locati	19970326	Chromium	6.30	MG/KG		INORG	1.0	2.0	7440-47-3			BURNAREA	Soil		
027	000064	Surface locati	19970326	Chromium	8.90	MG/KG		INORG	2.0	3.0	7440-47-3			BURNAREA	Soil		
027	000062	Surface locati	19970326	Chromium	5.50	MG/KG		INORG	0.0	1.0	7440-47-3			BURNAREA	Soil		
025	000060	Surface locati	19970326	Chromium	12.40	MG/KG		INORG	1.0	2.0	7440-47-3			BURNAREA	Soil		
025	000061	Surface locati	19970326	Chromium	5.50	MG/KG		INORG	2.0	3.0	7440-47-3			BURNAREA	Soil		
025	000059	Surface locati	19970326	Chromium	**21.60**	MG/KG		INORG	0.0	1.0	7440-47-3			BURNAREA	Soil		2-Exceeds background value.
026	000058	Surface locati	19970326	Chromium	13.80	MG/KG		INORG	2.0	3.0	7440-47-3			BURNAREA	Soil		
026	000055	Surface locati	19970326	Chromium	13.80	MG/KG		INORG	0.0	1.0	7440-47-3			BURNAREA	Soil		
026	000056	Surface locati	19970326	Chromium	5.20	MG/KG		INORG	1.0	2.0	7440-47-3			BURNAREA	Soil		
026	000057	Surface locati	19970326	Chromium	9.90	MG/KG		INORG	1.0	2.0	7440-47-3			BURNAREA	Soil		
012	000054	Surface locati	19970326	Chromium	7.70	MG/KG		INORG	2.0	3.0	7440-47-3			BURNAREA	Soil		
012	000052	Surface locati	19970326	Chromium	20.00	MG/KG		INORG	0.0	1.0	7440-47-3			BURNAREA	Soil		
012	000053	Surface locati	19970326	Chromium	12.10	MG/KG		INORG	1.0	2.0	7440-47-3			BURNAREA	Soil		
017	000043	Surface locati	19970326	Chromium	12.40	MG/KG		INORG	2.0	3.0	7440-47-3			BURNAREA	Soil		
017	000041	Surface locati	19970324	Chromium	18.00	MG/KG		INORG	0.0	1.0	7440-47-3			BURNAREA	Soil		
017	000042	Surface locati	19970326	Chromium	14.10	MG/KG		INORG	1.0	2.0	7440-47-3			BURNAREA	Soil		
023	000040	Surface locati	19970326	Chromium	8.10	MG/KG		INORG	2.0	3.0	7440-47-3			BURNAREA	Soil		
023	000039	Surface locati	19970326	Chromium	16.70	MG/KG		INORG	1.0	2.0	7440-47-3			BURNAREA	Soil		
023	000038	Surface locati	19970326	Chromium	**20.10**	MG/KG		INORG	0.0	1.0	7440-47-3			BURNAREA	Soil		2-Exceeds background value.
016	000032	Surface locati	19970325	Chromium	9.50	MG/KG		INORG	1.0	2.0	7440-47-3			BURNAREA	Soil		
016	000033	Surface locati	19970325	Chromium	8.50	MG/KG		INORG	2.0	3.0	7440-47-3			BURNAREA	Soil		
016	000031	Surface locati	19970325	Chromium	13.00	MG/KG		INORG	0.0	1.0	7440-47-3			BURNAREA	Soil		
016	000034	Surface locati	19970325	Chromium	9.80	MG/KG		INORG	2.0	3.0	7440-47-3			BURNAREA	Soil		
024	000021	Surface locati	19970324	Chromium	17.00	MG/KG		INORG	2.0	3.0	7440-47-3			BURNAREA	Soil		

Location_name	Sample_id	Location_type	Collection_da	Value_name	Measured_va	Value_units	Detection_li	Chem_clas	Start_de	End_dept	CAS_number	Lab_qu	Data_(	Project_code	Media	Collection_n	Comments
024	000024	Surface locati	19970324	Chromium	14.80	MG/KG		INORG	1.0	2.0	7440-47-3			BURNAREA	Soil		
024	000020	Surface locati	19970324	Chromium	14.70	MG/KG		INORG	2.0	3.0	7440-47-3			BURNAREA	Soil		
024	000022	Surface locati	19970324	Chromium	16.40	MG/KG		INORG	2.0	3.0	7440-47-3			BURNAREA	Soil		
MND33-0090	0090-0001	Borehole	19911217	Chromium	29.20	MG/KG	1.00	INORG	0.0	3.5	7440-47-3		J	MND33	Soil		2-Exceeds background value.
MND33-0090	0090-1001	Borehole	19911217	Chromium	31.30	MG/KG	1.00	INORG	0.0	3.5	7440-47-3		J	MND33	Soil		2-Exceeds background value.
MND33-0089	0089-0001	Borehole	19911217	Chromium	11.90	MG/KG	1.00	INORG	0.0	2.0	7440-47-3		J	MND33	Soil		
MND33-0088	0088-0001	Borehole	19911217	Chromium	9.60	MG/KG	1.00	INORG	0.0	2.0	7440-47-3		J	MND33	Soil		
MND33-0087	0087-0001	Borehole	19911217	Chromium	13.70	MG/KG	1.00	INORG	0.0	2.0	7440-47-3		J	MND33	Soil		
MND33-0086	0086-0001	Borehole	19911217	Chromium	15.30	MG/KG	1.00	INORG	0.0	2.0	7440-47-3			MND33	Soil		
MND33-0085	0085-0001	Borehole	19911216	Chromium	29.20	MG/KG	1.00	INORG	0.0	2.0	7440-47-3		J	MND33	Soil		2-Exceeds background value.
MND33-0085	0085-0002	Borehole	19911216	Chromium	26.30	MG/KG	1.00	INORG	0.0	4.5	7440-47-3		J	MND33	Soil		2-Exceeds background value.
MND33-0084	0084-0001	Borehole	19911216	Chromium	18.80	MG/KG	1.00	INORG	0.0	2.0	7440-47-3			MND33	Soil		
MND33-0083	0083-0001	Borehole	19911216	Chromium	26.40	MG/KG	1.00	INORG	0.0	2.0	7440-47-3		J	MND33	Soil		2-Exceeds background value.
MND33-0098	0098-0002	Borehole	19911218	Chromium	27.50	MG/KG	1.00	INORG	2.0	5.2	7440-47-3		J	MND33	Soil		2-Exceeds background value.
MND33-0098	0098-0001	Borehole	19911218	Chromium	32.20	MG/KG	1.00	INORG	0.0	2.0	7440-47-3		J	MND33	Soil		2-Exceeds background value.
MND33-0096	0096-0001	Borehole	19911218	Chromium	27.00	MG/KG	1.00	INORG	0.0	2.0	7440-47-3		J	MND33	Soil		2-Exceeds background value.
MND33-0094	0094-0001	Borehole	19911217	Chromium	29.70	MG/KG	1.00	INORG	0.0	2.0	7440-47-3		J	MND33	Soil		2-Exceeds background value.
MND33-0094	0094-0002	Borehole	19911217	Chromium	29.10	MG/KG	1.00	INORG	2.0	4.5	7440-47-3		J	MND33	Soil		2-Exceeds background value.
MND33-0094	0094-1001	Borehole	19911217	Chromium	30.20	MG/KG	1.00	INORG	0.0	2.0	7440-47-3		J	MND33	Soil		2-Exceeds background value.
MND33-0093	0093-0001	Borehole	19911217	Chromium	32.30	MG/KG	1.00	INORG	0.0	2.0	7440-47-3		J	MND33	Soil		2-Exceeds background value.
MND33-0092	0092-0001	Borehole	19911217	Chromium	37.00	MG/KG	1.00	INORG	0.0	2.0	7440-47-3		J	MND33	Soil		2-Exceeds background value.
MND33-0091	0091-0002	Borehole	19911217	Chromium	28.70	MG/KG	1.00	INORG	2.0	3.1	7440-47-3		J	MND33	Soil		2-Exceeds background value.
MND33-0091	0091-0001	Borehole	19911217	Chromium	23.10	MG/KG	1.00	INORG	0.0	2.0	7440-47-3		J	MND33	Soil		2-Exceeds background value.
SGC015	NAC015	Borehole	19960205	Chromium	9.10	MG/KG		INORG	0.0	3.0	7440-47-3			SGCSP	Soil	Split spoon	
MND33-0090	0090-0001	Borehole	19911217	Cobalt	7.90	MG/KG	1.00	INORG	0.0	3.5	7440-48-4	B	J	MND33	Soil		
MND33-0090	0090-1001	Borehole	19911217	Cobalt	9.70	MG/KG	1.00	INORG	0.0	3.5	7440-48-4	B	J	MND33	Soil		
MND33-0089	0089-0001	Borehole	19911217	Cobalt	7.70	MG/KG	1.00	INORG	0.0	2.0	7440-48-4	B		MND33	Soil		
MND33-0088	0088-0001	Borehole	19911217	Cobalt	4.80	MG/KG	1.00	INORG	0.0	2.0	7440-48-4	B		MND33	Soil		
MND33-0087	0087-0001	Borehole	19911217	Cobalt	9.70	MG/KG	1.00	INORG	0.0	2.0	7440-48-4	B		MND33	Soil		
MND33-0086	0086-0001	Borehole	19911217	Cobalt	11.40	MG/KG	1.00	INORG	0.0	2.0	7440-48-4			MND33	Soil		
MND33-0085	0085-0001	Borehole	19911216	Cobalt	9.50	MG/KG	1.00	INORG	0.0	2.0	7440-48-4	J	J	MND33	Soil		
MND33-0085	0085-0002	Borehole	19911216	Cobalt	6.70	MG/KG	1.00	INORG	0.0	4.5	7440-48-4		J	MND33	Soil		
MND33-0084	0084-0001	Borehole	19911216	Cobalt	6.70	MG/KG	1.00	INORG	0.0	2.0	7440-48-4			MND33	Soil		
MND33-0083	0083-0001	Borehole	19911216	Cobalt	8.00	MG/KG	1.00	INORG	0.0	2.0	7440-48-4		J	MND33	Soil		
MND33-0098	0098-0002	Borehole	19911218	Cobalt	8.20	MG/KG	1.00	INORG	2.0	5.2	7440-48-4		J	MND33	Soil		
MND33-0098	0098-0001	Borehole	19911218	Cobalt	14.00	MG/KG	1.00	INORG	0.0	2.0	7440-48-4			MND33	Soil		
MND33-0096	0096-0001	Borehole	19911218	Cobalt	9.80	MG/KG	1.00	INORG	0.0	2.0	7440-48-4			MND33	Soil		
MND33-0094	0094-0001	Borehole	19911217	Cobalt	7.60	MG/KG	1.00	INORG	0.0	2.0	7440-48-4	B	J	MND33	Soil		
MND33-0094	0094-0002	Borehole	19911217	Cobalt	11.00	MG/KG	1.00	INORG	2.0	4.5	7440-48-4	B		MND33	Soil		
MND33-0094	0094-1001	Borehole	19911217	Cobalt	15.20	MG/KG	1.00	INORG	0.0	2.0	7440-48-4		J	MND33	Soil		
MND33-0093	0093-0001	Borehole	19911217	Cobalt	11.60	MG/KG	1.00	INORG	0.0	2.0	7440-48-4	B	J	MND33	Soil		
MND33-0092	0092-0001	Borehole	19911217	Cobalt	10.70	MG/KG	1.00	INORG	0.0	2.0	7440-48-4	B	J	MND33	Soil		
MND33-0091	0091-0002	Borehole	19911217	Cobalt	6.60	MG/KG	1.00	INORG	2.0	3.1	7440-48-4	B	J	MND33	Soil		
MND33-0091	0091-0001	Borehole	19911217	Cobalt	5.70	MG/KG	1.00	INORG	0.0	2.0	7440-48-4	B	J	MND33	Soil		
SGC015	NAC015	Borehole	19960205	Cobalt	5.80	MG/KG		INORG	0.0	3.0	7440-48-4	B		SGCSP	Soil	Split spoon	
MND33-0090	0090-0001	Borehole	19911217	Copper	27.20	MG/KG	1.00	INORG	0.0	3.5	7440-50-8		J	MND33	Soil		2-Exceeds background value.
MND33-0090	0090-1001	Borehole	19911217	Copper	38.70	MG/KG	1.00	INORG	0.0	3.5	7440-50-8		J	MND33	Soil		2-Exceeds background value.
MND33-0089	0089-0001	Borehole	19911217	Copper	11.50	MG/KG	1.00	INORG	0.0	2.0	7440-50-8			MND33	Soil		
MND33-0088	0088-0001	Borehole	19911217	Copper	20.30	MG/KG	1.00	INORG	0.0	2.0	7440-50-8			MND33	Soil		
MND33-0087	0087-0001	Borehole	19911217	Copper	21.20	MG/KG	1.00	INORG	0.0	2.0	7440-50-8			MND33	Soil		
MND33-0086	0086-0001	Borehole	19911217	Copper	1100.00	MG/KG	1.00	INORG	0.0	2.0	7440-50-8		J	MND33	Soil		2-Exceeds background value.
MND33-0085	0085-0001	Borehole	19911216	Copper	25.90	MG/KG	1.00	INORG	0.0	2.0	7440-50-8		J	MND33	Soil		
MND33-0085	0085-0002	Borehole	19911216	Copper	127.00	MG/KG	1.00	INORG	0.0	4.5	7440-50-8		J	MND33	Soil		2-Exceeds background value.
MND33-0084	0084-0001	Borehole	19911216	Copper	45.30	MG/KG	1.00	INORG	0.0	2.0	7440-50-8		J	MND33	Soil		2-Exceeds background value.
MND33-0083	0083-0001	Borehole	19911216	Copper	14.40	MG/KG	1.00	INORG	0.0	2.0	7440-50-8		J	MND33	Soil		
MND33-0098	0098-0002	Borehole	19911218	Copper	55.50	MG/KG	1.00	INORG	2.0	5.2	7440-50-8			MND33	Soil		2-Exceeds background value.
MND33-0098	0098-0001	Borehole	19911218	Copper	240.00	MG/KG	1.00	INORG	0.0	2.0	7440-50-8			MND33	Soil		2-Exceeds background value.
MND33-0096	0096-0001	Borehole	19911218	Copper	19.70	MG/KG	1.00	INORG	0.0	2.0	7440-50-8			MND33	Soil		
MND33-0094	0094-0001	Borehole	19911217	Copper	14.50	MG/KG	1.00	INORG	0.0	2.0	7440-50-8		J	MND33	Soil		
MND33-0094	0094-0002	Borehole	19911217	Copper	16.00	MG/KG	1.00	INORG	2.0	4.5	7440-50-8			MND33	Soil		
MND33-0094	0094-1001	Borehole	19911217	Copper	23.20	MG/KG	1.00	INORG	0.0	2.0	7440-50-8		J	MND33	Soil		
MND33-0093	0093-0001	Borehole	19911217	Copper	19.30	MG/KG	1.00	INORG	0.0	2.0	7440-50-8		J	MND33	Soil		
MND33-0092	0092-0001	Borehole	19911217	Copper	27.50	MG/KG	1.00	INORG	0.0	2.0	7440-50-8		J	MND33	Soil		2-Exceeds background value.
MND33-0091	0091-0002	Borehole	19911217	Copper	12.90	MG/KG	1.00	INORG	2.0	3.1	7440-50-8		J	MND33	Soil		
MND33-0091	0091-0001	Borehole	19911217	Copper	24.00	MG/KG	1.00	INORG	0.0	2.0	7440-50-8		J	MND33	Soil		
SGC015	NAC015	Borehole	19960205	Copper	12.20	MG/KG		INORG	0.0	3.0	7440-50-8			SGCSP	Soil	Split spoon	
MND33-0086	0086-0001	Borehole	19911217	Cyanide	0.22	MG/KG	0.20	INORG	0.0	2.0	57-12-5	B	J	MND33	Soil		2-Exceeds background value.
MND33-0085	0085-0001	Borehole	19911216	Cyanide	0.17	MG/KG	0.10	INORG	0.0	2.0	57-12-5		J	MND33	Soil		2-Exceeds background value.
MND33-0085	0085-0002	Borehole	19911216	Cyanide	0.15	MG/KG	0.10	INORG	0.0	4.5	57-12-5		J	MND33	Soil		2-Exceeds background value.
MND33-0084	0084-0001	Borehole	19911216	Cyanide	0.18	MG/KG	0.10	INORG	0.0	2.0	57-12-5		J	MND33	Soil		2-Exceeds background value.
MND33-0083	0083-0001	Borehole	19911216	Cyanide	0.15	MG/KG	0.10	INORG	0.0	2.0	57-12-5		J	MND33	Soil		2-Exceeds background value.

Location_name	Sample_Id	Location_type	Collection_da	Value_name	Measured_va	Value_units	Detection_li	Chem_class	Start_de	End_dept	CAS_number	Lab_qu	Data_(	Project_code	Media	Collection_n	Comments
MND33-0098	0098-0002	Borehole	19911218	Cyanide	**0.23**	MG/KG	0.20	INORG	2.0	5.2	57-12-5	B	J	MND33	Soil		2-Exceeds background value.
MND33-0098	0098-0001	Borehole	19911218	Cyanide	**0.45**	MG/KG	0.20	INORG	0.0	2.0	57-12-5		J	MND33	Soil		2-Exceeds background value.
MND33-0096	0096-0001	Borehole	19911218	Cyanide	**0.20**	MG/KG	0.20	INORG	0.0	2.0	57-12-5		J	MND33	Soil		2-Exceeds background value.
MND33-0092	0092-0001	Borehole	19911217	Cyanide	**1.70**	MG/KG	0.10	INORG	0.0	2.0	57-12-5	*	J	MND33	Soil		2-Exceeds background value.
001	000090	Surface locati	19970327	Di-n-butyl Phthalate	40.00	UG/KG		ORSVO	1.0	2.0	84-74-2	JB		BURNAREA	Soil		
001	000090	Surface locati	19970327	Di-n-butyl Phthalate	40.00	UG/KG		ORSVO	1.0	2.0	84-74-2	JB		BURNAREA	Soil		
001	000089	Surface locati	19970327	Di-n-butyl Phthalate	39.00	UG/KG		ORSVO	0.0	1.0	84-74-2	JB		BURNAREA	Soil		
001	000089	Surface locati	19970327	Di-n-butyl Phthalate	39.00	UG/KG		ORSVO	0.0	1.0	84-74-2	JB		BURNAREA	Soil		
001	000091	Surface locati	19970327	Di-n-butyl Phthalate	36.00	UG/KG		ORSVO	1.0	2.0	84-74-2	JB		BURNAREA	Soil		
001	000091	Surface locati	19970327	Di-n-butyl Phthalate	36.00	UG/KG		ORSVO	1.0	2.0	84-74-2	JB		BURNAREA	Soil		
002	000087	Surface locati	19970327	Di-n-butyl Phthalate	27.00	UG/KG		ORSVO	1.0	2.0	84-74-2	JB		BURNAREA	Soil		
002	000087	Surface locati	19970327	Di-n-butyl Phthalate	27.00	UG/KG		ORSVO	1.0	2.0	84-74-2	JB		BURNAREA	Soil		
002	000088	Surface locati	19970327	Di-n-butyl Phthalate	43.00	UG/KG		ORSVO	2.0	3.0	84-74-2	JB		BURNAREA	Soil		
002	000088	Surface locati	19970327	Di-n-butyl Phthalate	43.00	UG/KG		ORSVO	2.0	3.0	84-74-2	JB		BURNAREA	Soil		
002	000086	Surface locati	19970327	Di-n-butyl Phthalate	36.00	UG/KG		ORSVO	0.0	1.0	84-74-2	JB		BURNAREA	Soil		
002	000086	Surface locati	19970327	Di-n-butyl Phthalate	36.00	UG/KG		ORSVO	0.0	1.0	84-74-2	JB		BURNAREA	Soil		
005	000081	Surface locati	19970329	Di-n-butyl Phthalate	25.00	UG/KG		ORSVO	1.0	2.0	84-74-2	JB		BURNAREA	Soil		
005	000081	Surface locati	19970329	Di-n-butyl Phthalate	25.00	UG/KG		ORSVO	1.0	2.0	84-74-2	JB		BURNAREA	Soil		
005	000079	Surface locati	19970327	Di-n-butyl Phthalate	38.00	UG/KG		ORSVO	0.0	1.0	84-74-2	JB		BURNAREA	Soil		
005	000079	Surface locati	19970327	Di-n-butyl Phthalate	38.00	UG/KG		ORSVO	0.0	1.0	84-74-2	JB		BURNAREA	Soil		
005	000082	Surface locati	19970327	Di-n-butyl Phthalate	24.00	UG/KG		ORSVO	2.0	3.0	84-74-2	JB		BURNAREA	Soil		
005	000082	Surface locati	19970327	Di-n-butyl Phthalate	24.00	UG/KG		ORSVO	2.0	3.0	84-74-2	JB		BURNAREA	Soil		
005	000080	Surface locati	19970327	Di-n-butyl Phthalate	28.00	UG/KG		ORSVO	0.0	1.0	84-74-2	JB		BURNAREA	Soil		
005	000080	Surface locati	19970327	Di-n-butyl Phthalate	28.00	UG/KG		ORSVO	0.0	1.0	84-74-2	JB		BURNAREA	Soil		
010	000078	Surface locati	19970327	Di-n-butyl Phthalate	33.00	UG/KG		ORSVO	2.0	3.0	84-74-2	JB		BURNAREA	Soil		
010	000078	Surface locati	19970327	Di-n-butyl Phthalate	33.00	UG/KG		ORSVO	2.0	3.0	84-74-2	JB		BURNAREA	Soil		
006	000075	Surface locati	19970327	Di-n-butyl Phthalate	22.00	UG/KG		ORSVO	2.0	3.0	84-74-2	J		BURNAREA	Soil		
006	000075	Surface locati	19970327	Di-n-butyl Phthalate	22.00	UG/KG		ORSVO	2.0	3.0	84-74-2	J		BURNAREA	Soil		
007	000072	Surface locati	19970327	Di-n-butyl Phthalate	25.00	UG/KG		ORSVO	2.0	3.0	84-74-2	J		BURNAREA	Soil		
007	000072	Surface locati	19970327	Di-n-butyl Phthalate	25.00	UG/KG		ORSVO	2.0	3.0	84-74-2	J		BURNAREA	Soil		
011	000065	Surface locati	19970326	Di-n-butyl Phthalate	27.00	UG/KG		ORSVO	0.0	1.0	84-74-2	J		BURNAREA	Soil		
011	000065	Surface locati	19970326	Di-n-butyl Phthalate	27.00	UG/KG		ORSVO	0.0	1.0	84-74-2	J		BURNAREA	Soil		
025	000060	Surface locati	19970326	Di-n-butyl Phthalate	28.00	UG/KG		ORSVO	1.0	2.0	84-74-2	J		BURNAREA	Soil		
025	000060	Surface locati	19970326	Di-n-butyl Phthalate	28.00	UG/KG		ORSVO	1.0	2.0	84-74-2	J		BURNAREA	Soil		
026	000056	Surface locati	19970326	Di-n-butyl Phthalate	33.00	UG/KG		ORSVO	1.0	2.0	84-74-2	J		BURNAREA	Soil		
026	000056	Surface locati	19970326	Di-n-butyl Phthalate	33.00	UG/KG		ORSVO	1.0	2.0	84-74-2	J		BURNAREA	Soil		
026	000057	Surface locati	19970326	Di-n-butyl Phthalate	29.00	UG/KG		ORSVO	1.0	2.0	84-74-2	J		BURNAREA	Soil		
026	000057	Surface locati	19970326	Di-n-butyl Phthalate	29.00	UG/KG		ORSVO	1.0	2.0	84-74-2	J		BURNAREA	Soil		
024	000021	Surface locati	19970324	Di-n-butyl Phthalate	33.00	UG/KG		ORSVO	2.0	3.0	84-74-2	JB		BURNAREA	Soil		
024	000021	Surface locati	19970324	Di-n-butyl Phthalate	33.00	UG/KG		ORSVO	2.0	3.0	84-74-2	JB		BURNAREA	Soil		
024	000020	Surface locati	19970324	Di-n-butyl Phthalate	47.00	UG/KG		ORSVO	2.0	3.0	84-74-2	JB		BURNAREA	Soil		
024	000020	Surface locati	19970324	Di-n-butyl Phthalate	47.00	UG/KG		ORSVO	2.0	3.0	84-74-2	JB		BURNAREA	Soil		
MND33-0085	0085-0003	Borehole	19911216	Ethylbenzene	11.00	UG/KG	5.00	ORVOA	7.0	7.5	100-41-4			MND33	Soil		
MND33-0098	0098-0002	Borehole	19911218	Ethylbenzene	10.00	UG/KG	5.00	ORVOA	2.0	5.2	100-41-4			MND33	Soil		
MND33-0094	0094-0001	Borehole	19911217	Ethylbenzene	3.00	UG/KG	6.00	ORVOA	0.0	2.0	100-41-4	J	J	MND33	Soil		
MND33-0094	0094-1001	Borehole	19911217	Ethylbenzene	2.00	UG/KG	7.00	ORVOA	0.0	2.0	100-41-4	J	J	MND33	Soil		
SGC015	NAC015	Borehole	19960205	Ethylbenzene	1.00	UG/KG		ORVOA	0.0	3.0	100-41-4	J		SGCSP	Soil	Split spoon	
MND33-0090	0090-0001	Borehole	19911217	Iron	12600.00	MG/KG	1.00	INORG	0.0	3.5	7439-89-6		J	MND33	Soil		
MND33-0090	0090-1001	Borehole	19911217	Iron	14600.00	MG/KG	1.00	INORG	0.0	3.5	7439-89-6		J	MND33	Soil		
MND33-0089	0089-0001	Borehole	19911217	Iron	9560.00	MG/KG	1.00	INORG	0.0	2.0	7439-89-6			MND33	Soil		
MND33-0088	0088-0001	Borehole	19911217	Iron	6930.00	MG/KG	1.00	INORG	0.0	2.0	7439-89-6			MND33	Soil		
MND33-0087	0087-0001	Borehole	19911217	Iron	15600.00	MG/KG	1.00	INORG	0.0	2.0	7439-89-6			MND33	Soil		
MND33-0086	0086-0001	Borehole	19911217	Iron	18500.00	MG/KG	1.00	INORG	0.0	2.0	7439-89-6		J	MND33	Soil		
MND33-0085	0085-0001	Borehole	19911216	Iron	14800.00	MG/KG	1.00	INORG	0.0	2.0	7439-89-6		J	MND33	Soil		
MND33-0085	0085-0002	Borehole	19911216	Iron	10200.00	MG/KG	1.00	INORG	0.0	4.5	7439-89-6			MND33	Soil		
MND33-0084	0084-0001	Borehole	19911216	Iron	13400.00	MG/KG	1.00	INORG	0.0	2.0	7439-89-6		J	MND33	Soil		
MND33-0083	0083-0001	Borehole	19911216	Iron	12400.00	MG/KG	1.00	INORG	0.0	2.0	7439-89-6		J	MND33	Soil		
MND33-0098	0098-0002	Borehole	19911218	Iron	14200.00	MG/KG	1.00	INORG	2.0	5.2	7439-89-6		J	MND33	Soil		
MND33-0098	0098-0001	Borehole	19911218	Iron	26500.00	MG/KG	1.00	INORG	0.0	2.0	7439-89-6		J	MND33	Soil		
MND33-0096	0096-0001	Borehole	19911218	Iron	16000.00	MG/KG	1.00	INORG	0.0	2.0	7439-89-6		J	MND33	Soil		
MND33-0094	0094-0001	Borehole	19911217	Iron	5500.00	MG/KG	1.00	INORG	0.0	2.0	7439-89-6		J	MND33	Soil		
MND33-0094	0094-0002	Borehole	19911217	Iron	19600.00	MG/KG	1.00	INORG	2.0	4.5	7439-89-6		J	MND33	Soil		
MND33-0094	0094-1001	Borehole	19911217	Iron	28500.00	MG/KG	1.00	INORG	0.0	2.0	7439-89-6		J	MND33	Soil		
MND33-0093	0093-0001	Borehole	19911217	Iron	18600.00	MG/KG	1.00	INORG	0.0	2.0	7439-89-6		J	MND33	Soil		
MND33-0092	0092-0001	Borehole	19911217	Iron	17100.00	MG/KG	1.00	INORG	0.0	2.0	7439-89-6		J	MND33	Soil		
MND33-0091	0091-0002	Borehole	19911217	Iron	8730.00	MG/KG	1.00	INORG	2.0	3.1	7439-89-6			MND33	Soil		
MND33-0091	0091-0001	Borehole	19911217	Iron	9180.00	MG/KG	1.00	INORG	0.0	2.0	7439-89-6			MND33	Soil		
SGC015	NAC015	Borehole	19960205	Iron	16600.00	MG/KG		INORG	0.0	3.0	7439-89-6			SGCSP	Soil	Split spoon	
001	000090	Surface locati	19970327	Lead	11.00	MG/KG		INORG	1.0	2.0	7439-92-1			BURNAREA	Soil		
001	000093	Surface locati	19970327	Lead	5.00	MG/KG		INORG	2.0	3.0	7439-92-1			BURNAREA	Soil		
001	000089	Surface locati	19970327	Lead	8.10	MG/KG		INORG	0.0	1.0	7439-92-1			BURNAREA	Soil		

Location_name	Sample_id	Location_type	Collection_da	Value_name	Measured_va	Value_units	Detection_li	Chem_clas	Start_de	End_dept	CAS_number	Lab_qu	Data_(	Project_code	Media	Collection_n	Comments
001	000091	Surface locati	19970327	Lead	9.10	MG/KG		INORG	1.0	2.0	7439-92-1			BURNAREA	Soil		
002	000087	Surface locati	19970327	Lead	13.10	MG/KG		INORG	1.0	2.0	7439-92-1			BURNAREA	Soil		
002	000086	Surface locati	19970327	Lead	9.80	MG/KG		INORG	0.0	1.0	7439-92-1			BURNAREA	Soil		
005	000081	Surface locati	19970329	Lead	8.40	MG/KG		INORG	1.0	2.0	7439-92-1			BURNAREA	Soil		
005	000079	Surface locati	19970327	Lead	11.90	MG/KG		INORG	0.0	1.0	7439-92-1			BURNAREA	Soil		
005	000082	Surface locati	19970327	Lead	6.00	MG/KG		INORG	2.0	3.0	7439-92-1			BURNAREA	Soil		
005	000080	Surface locati	19970327	Lead	12.60	MG/KG		INORG	0.0	1.0	7439-92-1			BURNAREA	Soil		
010	000077	Surface locati	19970327	Lead	11.50	MG/KG		INORG	1.0	2.0	7439-92-1			BURNAREA	Soil		
010	000078	Surface locati	19970327	Lead	7.10	MG/KG		INORG	2.0	3.0	7439-92-1			BURNAREA	Soil		
006	000074	Surface locati	19970327	Lead	10.90	MG/KG		INORG	1.0	2.0	7439-92-1			BURNAREA	Soil		
006	000075	Surface locati	19970327	Lead	8.60	MG/KG		INORG	2.0	3.0	7439-92-1			BURNAREA	Soil		
006	000073	Surface locati	19970327	Lead	**73.80**	MG/KG		INORG	0.0	1.0	7439-92-1			BURNAREA	Soil		2-Exceeds background value.
007	000070	Surface locati	19970327	Lead	13.10	MG/KG		INORG	0.0	1.0	7439-92-1			BURNAREA	Soil		
007	000072	Surface locati	19970327	Lead	9.60	MG/KG		INORG	2.0	3.0	7439-92-1			BURNAREA	Soil		
007	000071	Surface locati	19970327	Lead	13.00	MG/KG		INORG	1.0	2.0	7439-92-1			BURNAREA	Soil		
011	000066	Surface locati	19970326	Lead	10.40	MG/KG		INORG	1.0	2.0	7439-92-1			BURNAREA	Soil		
011	000065	Surface locati	19970326	Lead	17.10	MG/KG		INORG	0.0	1.0	7439-92-1			BURNAREA	Soil		
011	000068	Surface locati	19970326	Lead	4.20	MG/KG		INORG	2.0	3.0	7439-92-1			BURNAREA	Soil		
027	000063	Surface locati	19970326	Lead	2.80	MG/KG		INORG	1.0	2.0	7439-92-1			BURNAREA	Soil		
027	000064	Surface locati	19970326	Lead	3.50	MG/KG		INORG	2.0	3.0	7439-92-1			BURNAREA	Soil		
027	000062	Surface locati	19970326	Lead	5.00	MG/KG		INORG	0.0	1.0	7439-92-1			BURNAREA	Soil		
025	000060	Surface locati	19970326	Lead	7.90	MG/KG		INORG	1.0	2.0	7439-92-1			BURNAREA	Soil		
025	000061	Surface locati	19970326	Lead	3.10	MG/KG		INORG	2.0	3.0	7439-92-1			BURNAREA	Soil		
025	000059	Surface locati	19970326	Lead	11.50	MG/KG		INORG	0.0	1.0	7439-92-1			BURNAREA	Soil		
026	000058	Surface locati	19970326	Lead	6.40	MG/KG		INORG	2.0	3.0	7439-92-1			BURNAREA	Soil		
026	000055	Surface locati	19970326	Lead	9.20	MG/KG		INORG	0.0	1.0	7439-92-1			BURNAREA	Soil		
026	000057	Surface locati	19970326	Lead	4.90	MG/KG		INORG	1.0	2.0	7439-92-1			BURNAREA	Soil		
012	000054	Surface locati	19970326	Lead	3.50	MG/KG		INORG	2.0	3.0	7439-92-1			BURNAREA	Soil		
012	000052	Surface locati	19970326	Lead	10.10	MG/KG		INORG	0.0	1.0	7439-92-1			BURNAREA	Soil		
012	000053	Surface locati	19970326	Lead	5.10	MG/KG		INORG	1.0	2.0	7439-92-1			BURNAREA	Soil		
017	000041	Surface locati	19970324	Lead	15.00	MG/KG		INORG	0.0	1.0	7439-92-1			BURNAREA	Soil		
017	000042	Surface locati	19970326	Lead	3.10	MG/KG		INORG	1.0	2.0	7439-92-1			BURNAREA	Soil		
023	000040	Surface locati	19970326	Lead	4.30	MG/KG		INORG	2.0	3.0	7439-92-1			BURNAREA	Soil		
023	000039	Surface locati	19970326	Lead	4.10	MG/KG		INORG	1.0	2.0	7439-92-1			BURNAREA	Soil		
023	000038	Surface locati	19970326	Lead	13.90	MG/KG		INORG	0.0	1.0	7439-92-1			BURNAREA	Soil		
016	000033	Surface locati	19970325	Lead	4.80	MG/KG		INORG	2.0	3.0	7439-92-1			BURNAREA	Soil		
016	000031	Surface locati	19970325	Lead	14.80	MG/KG		INORG	0.0	1.0	7439-92-1			BURNAREA	Soil		
024	000021	Surface locati	19970324	Lead	7.60	MG/KG		INORG	2.0	3.0	7439-92-1			BURNAREA	Soil		
024	000024	Surface locati	19970324	Lead	13.20	MG/KG		INORG	1.0	2.0	7439-92-1			BURNAREA	Soil		
024	000020	Surface locati	19970324	Lead	24.20	MG/KG		INORG	2.0	3.0	7439-92-1			BURNAREA	Soil		
024	000022	Surface locati	19970324	Lead	7.00	MG/KG		INORG	2.0	3.0	7439-92-1			BURNAREA	Soil		
MND33-0090	0090-0001	Borehole	19911217	Lead	23.70	MG/KG	0.20	INORG	0.0	3.5	7439-92-1			MND33	Soil		
MND33-0090	0090-1001	Borehole	19911217	Lead	19.60	MG/KG	0.20	INORG	0.0	3.5	7439-92-1			MND33	Soil		
MND33-0089	0089-0001	Borehole	19911217	Lead	10.40	MG/KG	0.20	INORG	0.0	2.0	7439-92-1			MND33	Soil		
MND33-0088	0088-0001	Borehole	19911217	Lead	8.40	MG/KG	0.20	INORG	0.0	2.0	7439-92-1			MND33	Soil		
MND33-0087	0087-0001	Borehole	19911217	Lead	11.80	MG/KG	0.20	INORG	0.0	2.0	7439-92-1			MND33	Soil		
MND33-0086	0086-0001	Borehole	19911217	Lead	15.40	MG/KG	0.20	INORG	0.0	2.0	7439-92-1	*	J	MND33	Soil		
MND33-0085	0085-0001	Borehole	19911216	Lead	**49.50**	MG/KG	0.20	INORG	0.0	2.0	7439-92-1	*	J	MND33	Soil		2-Exceeds background value.
MND33-0085	0085-0002	Borehole	19911216	Lead	10.00	MG/KG	0.20	INORG	0.0	4.5	7439-92-1	*	J	MND33	Soil		
MND33-0084	0084-0001	Borehole	19911216	Lead	**220.00**	MG/KG	0.20	INORG	0.0	2.0	7439-92-1	*	J	MND33	Soil		2-Exceeds background value.
MND33-0083	0083-0001	Borehole	19911216	Lead	5.10	MG/KG	0.20	INORG	0.0	2.0	7439-92-1		J	MND33	Soil		
MND33-0098	0098-0002	Borehole	19911218	Lead	21.90	MG/KG	0.20	INORG	2.0	5.2	7439-92-1			MND33	Soil		
MND33-0098	0098-0001	Borehole	19911218	Lead	**98.10**	MG/KG	0.20	INORG	0.0	2.0	7439-92-1			MND33	Soil		2-Exceeds background value.
MND33-0096	0096-0001	Borehole	19911218	Lead	10.70	MG/KG	0.20	INORG	0.0	2.0	7439-92-1			MND33	Soil		
MND33-0094	0094-0001	Borehole	19911217	Lead	4.40	MG/KG	0.20	INORG	0.0	2.0	7439-92-1		J	MND33	Soil		
MND33-0094	0094-0002	Borehole	19911217	Lead	7.90	MG/KG	0.20	INORG	2.0	4.5	7439-92-1			MND33	Soil		
MND33-0094	0094-1001	Borehole	19911217	Lead	11.70	MG/KG	0.20	INORG	0.0	2.0	7439-92-1		J	MND33	Soil		
MND33-0093	0093-0001	Borehole	19911217	Lead	11.30	MG/KG	0.20	INORG	0.0	2.0	7439-92-1			MND33	Soil		
MND33-0092	0092-0001	Borehole	19911217	Lead	15.00	MG/KG	0.20	INORG	0.0	2.0	7439-92-1			MND33	Soil		
MND33-0091	0091-0002	Borehole	19911217	Lead	4.90	MG/KG	0.20	INORG	2.0	3.1	7439-92-1			MND33	Soil		
MND33-0091	0091-0001	Borehole	19911217	Lead	13.00	MG/KG	0.20	INORG	0.0	2.0	7439-92-1			MND33	Soil		
SGC015	NAC015	Borehole	19960205	Lead	14.30	MG/KG		INORG	0.0	3.0	7439-92-1			SGCSP	Soil	Split spoon	
SGC015	NAC015	Borehole	19960205	Lithium	15.00	MG/KG		INORG	0.0	3.0	7439-93-2	B		SGCSP	Soil	Split spoon	
MND33-0090	0090-0001	Borehole	19911217	Magnesium	13800.00	MG/KG	5.00	INORG	0.0	3.5	7439-95-4	*	J	MND33	Soil		
MND33-0090	0090-1001	Borehole	19911217	Magnesium	32900.00	MG/KG	5.00	INORG	0.0	3.5	7439-95-4	*	J	MND33	Soil		
MND33-0089	0089-0001	Borehole	19911217	Magnesium	6050.00	MG/KG	5.00	INORG	0.0	2.0	7439-95-4	*	J	MND33	Soil		
MND33-0088	0088-0001	Borehole	19911217	Magnesium	6760.00	MG/KG	5.00	INORG	0.0	2.0	7439-95-4	*	J	MND33	Soil		
MND33-0087	0087-0001	Borehole	19911217	Magnesium	3500.00	MG/KG	5.00	INORG	0.0	2.0	7439-95-4	*	J	MND33	Soil		
MND33-0086	0086-0001	Borehole	19911217	Magnesium	2290.00	MG/KG	5.00	INORG	0.0	2.0	7439-95-4			MND33	Soil		
MND33-0085	0085-0001	Borehole	19911216	Magnesium	**43200.00**	MG/KG	5.00	INORG	0.0	2.0	7439-95-4			MND33	Soil		2-Exceeds background value.
MND33-0085	0085-0002	Borehole	19911216	Magnesium	19000.00	MG/KG	5.00	INORG	0.0	4.5	7439-95-4			MND33	Soil		

Location_name	Sample_id	Location_type	Collection_da	Value_name	Measured_va	Value_units	Detection_li	Chem_clas	Start_de	End_dept	CAS_number	Lab_qu	Data_(	Project_code	Media	Collection_n	Comments
MND33-0084	0084-0001	Borehole	19911216	Magnesium	24400.00	MG/KG	5.00	INORG	0.0	2.0	7439-95-4			MND33	Soil		
MND33-0083	0083-0001	Borehole	19911216	Magnesium	8750.00	MG/KG	5.00	INORG	0.0	2.0	7439-95-4			MND33	Soil		
MND33-0098	0098-0002	Borehole	19911218	Magnesium	8190.00	MG/KG	5.00	INORG	2.0	5.2	7439-95-4	*	J	MND33	Soil		
MND33-0098	0098-0001	Borehole	19911218	Magnesium	21300.00	MG/KG	5.00	INORG	0.0	2.0	7439-95-4	*	J	MND33	Soil		
MND33-0096	0096-0001	Borehole	19911218	Magnesium	3990.00	MG/KG	5.00	INORG	0.0	2.0	7439-95-4	*	J	MND33	Soil		
MND33-0094	0094-0001	Borehole	19911217	Magnesium	**64500.00**	MG/KG	5.00	INORG	0.0	2.0	7439-95-4	*	J	MND33	Soil		2-Exceeds background value.
MND33-0094	0094-0002	Borehole	19911217	Magnesium	5100.00	MG/KG	5.00	INORG	2.0	4.5	7439-95-4	*	J	MND33	Soil		
MND33-0094	0094-1001	Borehole	19911217	Magnesium	8720.00	MG/KG	5.00	INORG	0.0	2.0	7439-95-4	*	J	MND33	Soil		
MND33-0093	0093-0001	Borehole	19911217	Magnesium	11700.00	MG/KG	5.00	INORG	0.0	2.0	7439-95-4	*	J	MND33	Soil		
MND33-0092	0092-0001	Borehole	19911217	Magnesium	25900.00	MG/KG	5.00	INORG	0.0	2.0	7439-95-4	*	J	MND33	Soil		
MND33-0091	0091-0002	Borehole	19911217	Magnesium	3530.00	MG/KG	5.00	INORG	2.0	3.1	7439-95-4	*	J	MND33	Soil		
MND33-0091	0091-0001	Borehole	19911217	Magnesium	9870.00	MG/KG	5.00	INORG	0.0	2.0	7439-95-4	*	J	MND33	Soil		
SGC015	NAC015	Borehole	19960205	Magnesium	4760.00	MG/KG		INORG	0.0	3.0	7439-95-4			SGCSP	Soil	Split spoon	
MND33-0090	0090-0001	Borehole	19911217	Manganese	306.00	MG/KG	0.20	INORG	0.0	3.5	7439-96-5		J	MND33	Soil		
MND33-0090	0090-1001	Borehole	19911217	Manganese	321.00	MG/KG	0.20	INORG	0.0	3.5	7439-96-5		J	MND33	Soil		
MND33-0089	0089-0001	Borehole	19911217	Manganese	238.00	MG/KG	0.20	INORG	0.0	2.0	7439-96-5		J	MND33	Soil		
MND33-0088	0088-0001	Borehole	19911217	Manganese	65.20	MG/KG	0.20	INORG	0.0	2.0	7439-96-5		J	MND33	Soil		
MND33-0087	0087-0001	Borehole	19911217	Manganese	235.00	MG/KG	0.20	INORG	0.0	2.0	7439-96-5	J	J	MND33	Soil		
MND33-0086	0086-0001	Borehole	19911217	Manganese	290.00	MG/KG	0.20	INORG	0.0	2.0	7439-96-5			MND33	Soil		
MND33-0085	0085-0001	Borehole	19911216	Manganese	328.00	MG/KG	0.20	INORG	0.0	2.0	7439-96-5			MND33	Soil		
MND33-0085	0085-0002	Borehole	19911216	Manganese	256.00	MG/KG	0.20	INORG	0.0	4.5	7439-96-5			MND33	Soil		
MND33-0084	0084-0001	Borehole	19911216	Manganese	144.00	MG/KG	0.20	INORG	0.0	2.0	7439-96-5			MND33	Soil		
MND33-0083	0083-0001	Borehole	19911216	Manganese	292.00	MG/KG	0.20	INORG	0.0	2.0	7439-96-5			MND33	Soil		
MND33-0098	0098-0002	Borehole	19911218	Manganese	**8190.00**	MG/KG	0.20	INORG	2.0	5.2	7439-96-5		J	MND33	Soil		2-Exceeds background value.
MND33-0098	0098-0001	Borehole	19911218	Manganese	339.00	MG/KG	0.20	INORG	0.0	2.0	7439-96-5		J	MND33	Soil		
MND33-0096	0096-0001	Borehole	19911218	Manganese	462.00	MG/KG	0.20	INORG	0.0	2.0	7439-96-5		J	MND33	Soil		
MND33-0094	0094-0001	Borehole	19911217	Manganese	295.00	MG/KG	0.20	INORG	0.0	2.0	7439-96-5		J	MND33	Soil		
MND33-0094	0094-0002	Borehole	19911217	Manganese	373.00	MG/KG	0.20	INORG	2.0	4.5	7439-96-5		J	MND33	Soil		
MND33-0094	0094-1001	Borehole	19911217	Manganese	784.00	MG/KG	0.20	INORG	0.0	2.0	7439-96-5		J	MND33	Soil		
MND33-0093	0093-0001	Borehole	19911217	Manganese	538.00	MG/KG	0.20	INORG	0.0	2.0	7439-96-5		J	MND33	Soil		
MND33-0092	0092-0001	Borehole	19911217	Manganese	377.00	MG/KG	0.20	INORG	0.0	2.0	7439-96-5		J	MND33	Soil		
MND33-0091	0091-0002	Borehole	19911217	Manganese	274.00	MG/KG	0.20	INORG	2.0	3.1	7439-96-5		J	MND33	Soil		
MND33-0091	0091-0001	Borehole	19911217	Manganese	195.00	MG/KG	0.20	INORG	0.0	2.0	7439-96-5		J	MND33	Soil		
SGC015	NAC015	Borehole	19960205	Manganese	689.00	MG/KG		INORG	0.0	3.0	7439-96-5			SGCSP	Soil	Split spoon	
MND33-0090	0090-0001	Borehole	19911217	Mercury	**1.10**	MG/KG	0.02	INORG	0.0	3.5	7439-97-6	*		MND33	Soil		2-Exceeds background value.
MND33-0090	0090-1001	Borehole	19911217	Mercury	**1.40**	MG/KG	0.02	INORG	0.0	3.5	7439-97-6	*		MND33	Soil		2-Exceeds background value.
MND33-0089	0089-0001	Borehole	19911217	Mercury	**0.11**	MG/KG	0.11	INORG	0.0	2.0	7439-97-6			MND33	Soil		2-Exceeds background value.
MND33-0088	0088-0001	Borehole	19911217	Mercury	**0.12**	MG/KG	0.12	INORG	0.0	2.0	7439-97-6			MND33	Soil		2-Exceeds background value.
MND33-0087	0087-0001	Borehole	19911217	Mercury	**0.12**	MG/KG	0.12	INORG	0.0	2.0	7439-97-6			MND33	Soil		2-Exceeds background value.
MND33-0086	0086-0001	Borehole	19911217	Mercury	**0.12**	MG/KG	0.12	INORG	0.0	2.0	7439-97-6			MND33	Soil		2-Exceeds background value.
MND33-0085	0085-0001	Borehole	19911216	Mercury	**0.13**	MG/KG	0.13	INORG	0.0	2.0	7439-97-6			MND33	Soil		2-Exceeds background value.
MND33-0085	0085-0002	Borehole	19911216	Mercury	**0.12**	MG/KG	0.12	INORG	0.0	4.5	7439-97-6			MND33	Soil		2-Exceeds background value.
MND33-0084	0084-0001	Borehole	19911216	Mercury	**0.13**	MG/KG	0.13	INORG	0.0	2.0	7439-97-6			MND33	Soil		2-Exceeds background value.
MND33-0083	0083-0001	Borehole	19911216	Mercury	**0.12**	MG/KG	0.12	INORG	0.0	2.0	7439-97-6			MND33	Soil		2-Exceeds background value.
MND33-0098	0098-0002	Borehole	19911218	Mercury	**0.14**	MG/KG	0.02	INORG	2.0	5.2	7439-97-6	*		MND33	Soil		2-Exceeds background value.
MND33-0098	0098-0001	Borehole	19911218	Mercury	**0.31**	MG/KG	0.02	INORG	0.0	2.0	7439-97-6	*		MND33	Soil		2-Exceeds background value.
MND33-0096	0096-0001	Borehole	19911218	Mercury	**0.12**	MG/KG	0.12	INORG	0.0	2.0	7439-97-6			MND33	Soil		2-Exceeds background value.
MND33-0094	0094-0001	Borehole	19911217	Mercury	**0.12**	MG/KG	0.12	INORG	0.0	2.0	7439-97-6			MND33	Soil		2-Exceeds background value.
MND33-0094	0094-0002	Borehole	19911217	Mercury	**0.11**	MG/KG	0.11	INORG	2.0	4.5	7439-97-6			MND33	Soil		2-Exceeds background value.
MND33-0094	0094-1001	Borehole	19911217	Mercury	**0.13**	MG/KG	0.13	INORG	0.0	2.0	7439-97-6			MND33	Soil		2-Exceeds background value.
MND33-0093	0093-0001	Borehole	19911217	Mercury	**0.12**	MG/KG	0.12	INORG	0.0	2.0	7439-97-6			MND33	Soil		2-Exceeds background value.
MND33-0092	0092-0001	Borehole	19911217	Mercury	**0.32**	MG/KG	0.02	INORG	0.0	2.0	7439-97-6	*		MND33	Soil		2-Exceeds background value.
MND33-0091	0091-0002	Borehole	19911217	Mercury	**0.12**	MG/KG	0.12	INORG	2.0	3.1	7439-97-6			MND33	Soil		2-Exceeds background value.
MND33-0091	0091-0001	Borehole	19911217	Mercury	**0.65**	MG/KG	0.02	INORG	0.0	2.0	7439-97-6	*		MND33	Soil		2-Exceeds background value.
SGC015	NAC015	Borehole	19960205	Methylene Chloride	17.00	UG/KG		ORVOA	0.0	3.0	75-09-2	B		SGCSP	Soil	Split spoon	
SGC015	NAC015	Borehole	19960205	Molybdenum	0.51	MG/KG		INORG	0.0	3.0	7439-98-7	B		SGCSP	Soil	Split spoon	
SGC015	NAC015	Borehole	19960205	Naphthalene	61.00	UG/KG		ORSVO	0.0	3.0	91-20-3	J		SGCSP	Soil	Split spoon	
001	000090	Surface locati	19970327	Nickel	**38.10**	MG/KG		INORG	1.0	2.0	7440-02-0			BURNAREA	Soil		2-Exceeds background value.
001	000093	Surface locati	19970327	Nickel	14.20	MG/KG		INORG	2.0	3.0	7440-02-0			BURNAREA	Soil		
001	000089	Surface locati	19970327	Nickel	4.60	MG/KG		INORG	0.0	1.0	7440-02-0			BURNAREA	Soil		
001	000091	Surface locati	19970327	Nickel	**33.90**	MG/KG		INORG	1.0	2.0	7440-02-0			BURNAREA	Soil		2-Exceeds background value.
002	000087	Surface locati	19970327	Nickel	12.00	MG/KG		INORG	1.0	2.0	7440-02-0			BURNAREA	Soil		
002	000088	Surface locati	19970327	Nickel	8.90	MG/KG		INORG	2.0	3.0	7440-02-0			BURNAREA	Soil		
002	000086	Surface locati	19970327	Nickel	7.80	MG/KG		INORG	0.0	1.0	7440-02-0			BURNAREA	Soil		
005	000081	Surface locati	19970329	Nickel	**37.10**	MG/KG		INORG	1.0	2.0	7440-02-0			BURNAREA	Soil		2-Exceeds background value.
005	000079	Surface locati	19970327	Nickel	8.60	MG/KG		INORG	0.0	1.0	7440-02-0			BURNAREA	Soil		
005	000082	Surface locati	19970327	Nickel	17.20	MG/KG		INORG	2.0	3.0	7440-02-0			BURNAREA	Soil		
005	000080	Surface locati	19970327	Nickel	9.50	MG/KG		INORG	0.0	1.0	7440-02-0			BURNAREA	Soil		
010	000077	Surface locati	19970327	Nickel	17.90	MG/KG		INORG	1.0	2.0	7440-02-0			BURNAREA	Soil		
010	000076	Surface locati	19970327	Nickel	11.40	MG/KG		INORG	0.0	1.0	7440-02-0			BURNAREA	Soil		
010	000078	Surface locati	19970327	Nickel	25.20	MG/KG		INORG	2.0	3.0	7440-02-0			BURNAREA	Soil		

Location_name	Sample_id	Location_type	Collection_da	Value_name	Measured_va	Value_units	Detection_li	Chem_clas	Start_de	End_dept	CAS_number	Lab_qu	Data_(	Project_code	Media	Collection_n	Comments
006	000074	Surface locati	19970327	Nickel	21.90	MG/KG		INORG	1.0	2.0	7440-02-0			BURNAREA	Soil		
006	000075	Surface locati	19970327	Nickel	22.90	MG/KG		INORG	2.0	3.0	7440-02-0			BURNAREA	Soil		
006	000073	Surface locati	19970327	Nickel	8.70	MG/KG		INORG	0.0	1.0	7440-02-0			BURNAREA	Soil		
007	000070	Surface locati	19970327	Nickel	2.80	MG/KG		INORG	0.0	1.0	7440-02-0	B		BURNAREA	Soil		
007	000072	Surface locati	19970327	Nickel	28.60	MG/KG		INORG	2.0	3.0	7440-02-0			BURNAREA	Soil		
007	000071	Surface locati	19970327	Nickel	19.50	MG/KG		INORG	1.0	2.0	7440-02-0			BURNAREA	Soil		
011	000067	Surface locati	19970326	Nickel	8.50	MG/KG		INORG	2.0	3.0	7440-02-0			BURNAREA	Soil		
011	000066	Surface locati	19970326	Nickel	28.20	MG/KG		INORG	1.0	2.0	7440-02-0			BURNAREA	Soil		
011	000065	Surface locati	19970326	Nickel	**33.10**	MG/KG		INORG	0.0	1.0	7440-02-0			BURNAREA	Soil		2-Exceeds background value.
011	000068	Surface locati	19970326	Nickel	8.20	MG/KG		INORG	2.0	3.0	7440-02-0			BURNAREA	Soil		
027	000063	Surface locati	19970326	Nickel	9.10	MG/KG		INORG	1.0	2.0	7440-02-0			BURNAREA	Soil		
027	000064	Surface locati	19970326	Nickel	13.60	MG/KG		INORG	2.0	3.0	7440-02-0			BURNAREA	Soil		
027	000062	Surface locati	19970326	Nickel	5.70	MG/KG		INORG	0.0	1.0	7440-02-0			BURNAREA	Soil		
025	000060	Surface locati	19970326	Nickel	18.80	MG/KG		INORG	1.0	2.0	7440-02-0			BURNAREA	Soil		
025	000061	Surface locati	19970326	Nickel	10.60	MG/KG		INORG	2.0	3.0	7440-02-0			BURNAREA	Soil		
025	000059	Surface locati	19970326	Nickel	17.70	MG/KG		INORG	0.0	1.0	7440-02-0			BURNAREA	Soil		
026	000058	Surface locati	19970326	Nickel	17.50	MG/KG		INORG	2.0	3.0	7440-02-0			BURNAREA	Soil		
026	000055	Surface locati	19970326	Nickel	25.50	MG/KG		INORG	0.0	1.0	7440-02-0			BURNAREA	Soil		
026	000056	Surface locati	19970326	Nickel	8.20	MG/KG		INORG	1.0	2.0	7440-02-0			BURNAREA	Soil		
026	000057	Surface locati	19970326	Nickel	14.60	MG/KG		INORG	1.0	2.0	7440-02-0			BURNAREA	Soil		
012	000054	Surface locati	19970326	Nickel	11.40	MG/KG		INORG	2.0	3.0	7440-02-0			BURNAREA	Soil		
012	000052	Surface locati	19970326	Nickel	29.50	MG/KG		INORG	0.0	1.0	7440-02-0			BURNAREA	Soil		
012	000053	Surface locati	19970326	Nickel	17.40	MG/KG		INORG	1.0	2.0	7440-02-0			BURNAREA	Soil		
017	000043	Surface locati	19970326	Nickel	16.50	MG/KG		INORG	2.0	3.0	7440-02-0			BURNAREA	Soil		
017	000041	Surface locati	19970324	Nickel	21.50	MG/KG		INORG	0.0	1.0	7440-02-0			BURNAREA	Soil		
017	000042	Surface locati	19970326	Nickel	15.20	MG/KG		INORG	1.0	2.0	7440-02-0			BURNAREA	Soil		
023	000040	Surface locati	19970326	Nickel	10.80	MG/KG		INORG	2.0	3.0	7440-02-0			BURNAREA	Soil		
023	000039	Surface locati	19970326	Nickel	22.30	MG/KG		INORG	1.0	2.0	7440-02-0			BURNAREA	Soil		
023	000038	Surface locati	19970326	Nickel	19.80	MG/KG		INORG	0.0	1.0	7440-02-0			BURNAREA	Soil		
016	000032	Surface locati	19970325	Nickel	17.20	MG/KG		INORG	1.0	2.0	7440-02-0			BURNAREA	Soil		
016	000033	Surface locati	19970325	Nickel	11.50	MG/KG		INORG	2.0	3.0	7440-02-0			BURNAREA	Soil		
016	000031	Surface locati	19970325	Nickel	16.60	MG/KG		INORG	0.0	1.0	7440-02-0			BURNAREA	Soil		
016	000034	Surface locati	19970325	Nickel	14.30	MG/KG		INORG	2.0	3.0	7440-02-0			BURNAREA	Soil		
024	000021	Surface locati	19970324	Nickel	25.90	MG/KG		INORG	2.0	3.0	7440-02-0			BURNAREA	Soil		
024	000024	Surface locati	19970324	Nickel	20.50	MG/KG		INORG	1.0	2.0	7440-02-0			BURNAREA	Soil		
024	000020	Surface locati	19970324	Nickel	16.80	MG/KG		INORG	2.0	3.0	7440-02-0			BURNAREA	Soil		
024	000022	Surface locati	19970324	Nickel	29.80	MG/KG		INORG	2.0	3.0	7440-02-0			BURNAREA	Soil		
MND33-0090	0090-0001	Borehole	19911217	Nickel	**39.10**	MG/KG	2.00	INORG	0.0	3.5	7440-02-0		J	MND33	Soil		2-Exceeds background value.
MND33-0090	0090-1001	Borehole	19911217	Nickel	**44.10**	MG/KG	2.00	INORG	0.0	3.5	7440-02-0		J	MND33	Soil		2-Exceeds background value.
MND33-0089	0089-0001	Borehole	19911217	Nickel	10.70	MG/KG	2.00	INORG	0.0	2.0	7440-02-0			MND33	Soil		
MND33-0088	0088-0001	Borehole	19911217	Nickel	11.70	MG/KG	2.00	INORG	0.0	2.0	7440-02-0			MND33	Soil		
MND33-0087	0087-0001	Borehole	19911217	Nickel	10.70	MG/KG	2.00	INORG	0.0	2.0	7440-02-0			MND33	Soil		
MND33-0086	0086-0001	Borehole	19911217	Nickel	14.80	MG/KG	2.00	INORG	0.0	2.0	7440-02-0			MND33	Soil		
MND33-0085	0085-0001	Borehole	19911216	Nickel	23.80	MG/KG	2.00	INORG	0.0	2.0	7440-02-0		J	MND33	Soil		
MND33-0085	0085-0002	Borehole	19911216	Nickel	30.00	MG/KG	2.00	INORG	0.0	4.5	7440-02-0		J	MND33	Soil		
MND33-0084	0084-0001	Borehole	19911216	Nickel	16.40	MG/KG	2.00	INORG	0.0	2.0	7440-02-0			MND33	Soil		
MND33-0083	0083-0001	Borehole	19911216	Nickel	16.10	MG/KG	2.00	INORG	0.0	2.0	7440-02-0		J	MND33	Soil		
MND33-0098	0098-0002	Borehole	19911218	Nickel	16.00	MG/KG	2.00	INORG	2.0	5.2	7440-02-0		J	MND33	Soil		
MND33-0098	0098-0001	Borehole	19911218	Nickel	**154.00**	MG/KG	2.00	INORG	0.0	2.0	7440-02-0			MND33	Soil		2-Exceeds background value.
MND33-0096	0096-0001	Borehole	19911218	Nickel	18.00	MG/KG	2.00	INORG	0.0	2.0	7440-02-0			MND33	Soil		
MND33-0094	0094-0001	Borehole	19911217	Nickel	20.20	MG/KG	2.00	INORG	0.0	2.0	7440-02-0		J	MND33	Soil		
MND33-0094	0094-0002	Borehole	19911217	Nickel	21.20	MG/KG	2.00	INORG	2.0	4.5	7440-02-0			MND33	Soil		
MND33-0094	0094-1001	Borehole	19911217	Nickel	**33.30**	MG/KG	2.00	INORG	0.0	2.0	7440-02-0		J	MND33	Soil		2-Exceeds background value.
MND33-0093	0093-0001	Borehole	19911217	Nickel	25.50	MG/KG	2.00	INORG	0.0	2.0	7440-02-0		J	MND33	Soil		
MND33-0092	0092-0001	Borehole	19911217	Nickel	27.90	MG/KG	2.00	INORG	0.0	2.0	7440-02-0		J	MND33	Soil		
MND33-0091	0091-0002	Borehole	19911217	Nickel	12.20	MG/KG	2.00	INORG	2.0	3.1	7440-02-0		J	MND33	Soil		
MND33-0091	0091-0001	Borehole	19911217	Nickel	14.90	MG/KG	2.00	INORG	0.0	2.0	7440-02-0		J	MND33	Soil		
SGC015	NAC015	Borehole	19960205	Nickel	13.80	MG/KG		INORG	0.0	3.0	7440-02-0			SGCSP	Soil	Split spoon	
MND33-0083	0083-0001	Borehole	19911216	Nitrate	54.80	MG/KG	2.00	ANION	0.0	2.0	NO3		J	MND33	Soil		
SGC015	NAC015	Borehole	19960205	Nitrate/Nitrite	3.00	MG/KG	0.27	ANION	0.0	3.0	1497-55-8			SGCSP	Soil	Split spoon	
BB06	BB6001	Surface locati	19940914	Nitrobenzene	0.38	MG/KG		OREXP	0.0	0.5	98-95-3	JP	J	2680	Soil	Shovel	
001	000090	Surface locati	19970327	Percent Solids	79.00	%	0.01	GENERA	1.0	2.0	%SOLIDS			BURNAREA	Soil		
001	000093	Surface locati	19970327	Percent Solids	86.40	%	0.01	GENERA	2.0	3.0	%SOLIDS			BURNAREA	Soil		
001	000089	Surface locati	19970327	Percent Solids	92.80	%	0.01	GENERA	0.0	1.0	%SOLIDS			BURNAREA	Soil		
001	000091	Surface locati	19970327	Percent Solids	79.50	%	0.01	GENERA	1.0	2.0	%SOLIDS			BURNAREA	Soil		
002	000087	Surface locati	19970327	Percent Solids	84.80	%	0.01	GENERA	1.0	2.0	%SOLIDS			BURNAREA	Soil		
002	000088	Surface locati	19970327	Percent Solids	87.20	%	0.01	GENERA	2.0	3.0	%SOLIDS			BURNAREA	Soil		
002	000086	Surface locati	19970327	Percent Solids	82.40	%	0.01	GENERA	0.0	1.0	%SOLIDS			BURNAREA	Soil		
005	000081	Surface locati	19970329	Percent Solids	80.80	%	0.01	GENERA	1.0	2.0	%SOLIDS			BURNAREA	Soil		
005	000079	Surface locati	19970327	Percent Solids	81.60	%	0.01	GENERA	0.0	1.0	%SOLIDS			BURNAREA	Soil		
005	000082	Surface locati	19970327	Percent Solids	84.00	%	0.01	GENERA	2.0	3.0	%SOLIDS			BURNAREA	Soil		

Location_name	Sample_id	Location_type	Collection_da	Value_name	Measured_va	Value_units	Detection_li	Chem_class	Start_de	End_dept	CAS_number	Lab_qu	Data_q	Project_code	Media	Collection_n	Comments
005	000080	Surface locati	19970327	Percent Solids	82.50	%	0.01	GENERA	0.0	1.0	%SOLIDS			BURNAREA	Soil		
010	000077	Surface locati	19970327	Percent Solids	80.80	%	0.01	GENERA	1.0	2.0	%SOLIDS			BURNAREA	Soil		
010	000076	Surface locati	19970327	Percent Solids	78.90	%	0.01	GENERA	0.0	1.0	%SOLIDS			BURNAREA	Soil		
010	000078	Surface locati	19970327	Percent Solids	81.70	%	0.01	GENERA	2.0	3.0	%SOLIDS			BURNAREA	Soil		
006	000074	Surface locati	19970327	Percent Solids	80.30	%	0.01	GENERA	1.0	2.0	%SOLIDS			BURNAREA	Soil		
006	000075	Surface locati	19970327	Percent Solids	81.20	%	0.01	GENERA	2.0	3.0	%SOLIDS			BURNAREA	Soil		
006	000073	Surface locati	19970327	Percent Solids	89.40	%	0.01	GENERA	0.0	1.0	%SOLIDS			BURNAREA	Soil		
007	000070	Surface locati	19970327	Percent Solids	82.60	%	0.01	GENERA	0.0	1.0	%SOLIDS			BURNAREA	Soil		
007	000072	Surface locati	19970327	Percent Solids	74.80	%	0.01	GENERA	2.0	3.0	%SOLIDS			BURNAREA	Soil		
007	000071	Surface locati	19970327	Percent Solids	77.70	%	0.01	GENERA	1.0	2.0	%SOLIDS			BURNAREA	Soil		
011	000067	Surface locati	19970326	Percent Solids	86.10	%	0.01	GENERA	2.0	3.0	%SOLIDS			BURNAREA	Soil		
011	000066	Surface locati	19970326	Percent Solids	77.60	%	0.01	GENERA	1.0	2.0	%SOLIDS			BURNAREA	Soil		
011	000065	Surface locati	19970326	Percent Solids	79.00	%	0.01	GENERA	0.0	1.0	%SOLIDS			BURNAREA	Soil		
011	000068	Surface locati	19970326	Percent Solids	81.30	%	0.01	GENERA	2.0	3.0	%SOLIDS			BURNAREA	Soil		
027	000063	Surface locati	19970326	Percent Solids	83.70	%	0.01	GENERA	1.0	2.0	%SOLIDS			BURNAREA	Soil		
027	000064	Surface locati	19970326	Percent Solids	86.30	%	0.01	GENERA	2.0	3.0	%SOLIDS			BURNAREA	Soil		
027	000062	Surface locati	19970326	Percent Solids	80.40	%	0.01	GENERA	0.0	1.0	%SOLIDS			BURNAREA	Soil		
025	000060	Surface locati	19970326	Percent Solids	79.00	%	0.01	GENERA	1.0	2.0	%SOLIDS			BURNAREA	Soil		
025	000061	Surface locati	19970326	Percent Solids	86.40	%	0.01	GENERA	2.0	3.0	%SOLIDS			BURNAREA	Soil		
025	000059	Surface locati	19970326	Percent Solids	82.50	%	0.01	GENERA	0.0	1.0	%SOLIDS			BURNAREA	Soil		
026	000058	Surface locati	19970326	Percent Solids	84.00	%	0.01	GENERA	2.0	3.0	%SOLIDS			BURNAREA	Soil		
026	000055	Surface locati	19970326	Percent Solids	80.20	%	0.01	GENERA	0.0	1.0	%SOLIDS			BURNAREA	Soil		
026	000056	Surface locati	19970326	Percent Solids	85.30	%	0.01	GENERA	1.0	2.0	%SOLIDS			BURNAREA	Soil		
026	000057	Surface locati	19970326	Percent Solids	84.20	%	0.01	GENERA	1.0	2.0	%SOLIDS			BURNAREA	Soil		
012	000054	Surface locati	19970326	Percent Solids	87.00	%	0.01	GENERA	2.0	3.0	%SOLIDS			BURNAREA	Soil		
012	000052	Surface locati	19970326	Percent Solids	82.40	%	0.01	GENERA	0.0	1.0	%SOLIDS			BURNAREA	Soil		
012	000053	Surface locati	19970326	Percent Solids	79.20	%	0.01	GENERA	1.0	2.0	%SOLIDS			BURNAREA	Soil		
017	000043	Surface locati	19970326	Percent Solids	85.80	%	0.01	GENERA	2.0	3.0	%SOLIDS			BURNAREA	Soil		
017	000041	Surface locati	19970324	Percent Solids	81.50	%	0.01	GENERA	0.0	1.0	%SOLIDS			BURNAREA	Soil		
017	000042	Surface locati	19970326	Percent Solids	85.70	%	0.01	GENERA	1.0	2.0	%SOLIDS			BURNAREA	Soil		
023	000040	Surface locati	19970326	Percent Solids	82.80	%	0.01	GENERA	2.0	3.0	%SOLIDS			BURNAREA	Soil		
023	000039	Surface locati	19970326	Percent Solids	85.20	%	0.01	GENERA	1.0	2.0	%SOLIDS			BURNAREA	Soil		
023	000038	Surface locati	19970326	Percent Solids	81.80	%	0.01	GENERA	0.0	1.0	%SOLIDS			BURNAREA	Soil		
016	000032	Surface locati	19970325	Percent Solids	87.30	%	0.01	GENERA	1.0	2.0	%SOLIDS			BURNAREA	Soil		
016	000033	Surface locati	19970325	Percent Solids	86.80	%	0.01	GENERA	2.0	3.0	%SOLIDS			BURNAREA	Soil		
016	000031	Surface locati	19970325	Percent Solids	80.90	%	0.01	GENERA	0.0	1.0	%SOLIDS			BURNAREA	Soil		
016	000034	Surface locati	19970325	Percent Solids	85.80	%	0.01	GENERA	2.0	3.0	%SOLIDS			BURNAREA	Soil		
024	000021	Surface locati	19970324	Percent Solids	81.40	%	0.01	GENERA	2.0	3.0	%SOLIDS			BURNAREA	Soil		
024	000024	Surface locati	19970324	Percent Solids	80.40	%	0.01	GENERA	1.0	2.0	%SOLIDS			BURNAREA	Soil		
024	000020	Surface locati	19970324	Percent Solids	76.20	%	0.01	GENERA	2.0	3.0	%SOLIDS			BURNAREA	Soil		
024	000022	Surface locati	19970324	Percent Solids	81.90	%	0.01	GENERA	2.0	3.0	%SOLIDS			BURNAREA	Soil		
MND33-0084	0084-0001	Borehole	19911216	Phenanthrene	86.00	UG/KG	850.00	ORSVO	0.0	2.0	85-01-8	J	J	MND33	Soil		
MND33-0091	0091-0001	Borehole	19911217	Phenanthrene	120.00	UG/KG	760.00	ORSVO	0.0	2.0	85-01-8	J	J	MND33	Soil		
S0783	7202	Surface locati	19840901	Plutonium-238	0.81	PCI/G	0.01	RAD	0.0	0.0	13981-16-3			RSS	Soil	Not Applicat	2-Exceeds background value.
S0782	7233	Surface locati	19840901	Plutonium-238	1.45	PCI/G	0.01	RAD	0.0	0.0	13981-16-3			RSS	Soil	Not Applicat	2-Exceeds background value.
S0780	4145	Surface locati	19831101	Plutonium-238	0.31	PCI/G	0.01	RAD	0.0	0.0	13981-16-3			RSS	Soil	Not Applicat	2-Exceeds background value.
S0779	4147	Surface locati	19831101	Plutonium-238	0.16	PCI/G	0.01	RAD	0.0	0.0	13981-16-3			RSS	Soil	Not Applicat	2-Exceeds background value.
S0778	4144	Surface locati	19831101	Plutonium-238	0.14	PCI/G	0.01	RAD	0.0	0.0	13981-16-3			RSS	Soil	Not Applicat	2-Exceeds background value.
SGC015	NAC015	Borehole	19960205	Plutonium-238	0.01	PCI/G	0.00	RAD	0.0	3.0	13981-16-3			SGCSP	Soil	Split spoon	
MND33-0090	0090-0001	Borehole	19911217	Potassium	689.00	MG/KG	10.00	INORG	0.0	3.5	7440-09-7	B		MND33	Soil		
MND33-0090	0090-1001	Borehole	19911217	Potassium	711.00	MG/KG	10.00	INORG	0.0	3.5	7440-09-7	B		MND33	Soil		
MND33-0089	0089-0001	Borehole	19911217	Potassium	439.00	MG/KG	10.00	INORG	0.0	2.0	7440-09-7	B		MND33	Soil		
MND33-0088	0088-0001	Borehole	19911217	Potassium	310.00	MG/KG	10.00	INORG	0.0	2.0	7440-09-7	B		MND33	Soil		
MND33-0087	0087-0001	Borehole	19911217	Potassium	466.00	MG/KG	10.00	INORG	0.0	2.0	7440-09-7	B		MND33	Soil		
MND33-0086	0086-0001	Borehole	19911217	Potassium	517.00	MG/KG	10.00	INORG	0.0	2.0	7440-09-7			MND33	Soil		
MND33-0085	0085-0001	Borehole	19911216	Potassium	741.00	MG/KG	10.00	INORG	0.0	2.0	7440-09-7			MND33	Soil		
MND33-0085	0085-0002	Borehole	19911216	Potassium	662.00	MG/KG	10.00	INORG	0.0	4.5	7440-09-7			MND33	Soil		
MND33-0084	0084-0001	Borehole	19911216	Potassium	570.00	MG/KG	10.00	INORG	0.0	2.0	7440-09-7			MND33	Soil		
MND33-0083	0083-0001	Borehole	19911216	Potassium	479.00	MG/KG	10.00	INORG	0.0	2.0	7440-09-7			MND33	Soil		
MND33-0098	0098-0002	Borehole	19911218	Potassium	1120.00	MG/KG	10.00	INORG	2.0	5.2	7440-09-7			MND33	Soil		
MND33-0098	0098-0001	Borehole	19911218	Potassium	1080.00	MG/KG	10.00	INORG	0.0	2.0	7440-09-7			MND33	Soil		
MND33-0096	0096-0001	Borehole	19911218	Potassium	689.00	MG/KG	10.00	INORG	0.0	2.0	7440-09-7			MND33	Soil		
MND33-0094	0094-0001	Borehole	19911217	Potassium	305.00	MG/KG	10.00	INORG	0.0	2.0	7440-09-7	B		MND33	Soil		
MND33-0094	0094-0002	Borehole	19911217	Potassium	888.00	MG/KG	10.00	INORG	2.0	4.5	7440-09-7	B		MND33	Soil		
MND33-0094	0094-1001	Borehole	19911217	Potassium	875.00	MG/KG	10.00	INORG	0.0	2.0	7440-09-7	B		MND33	Soil		
MND33-0093	0093-0001	Borehole	19911217	Potassium	581.00	MG/KG	10.00	INORG	0.0	2.0	7440-09-7	B		MND33	Soil		
MND33-0092	0092-0001	Borehole	19911217	Potassium	706.00	MG/KG	10.00	INORG	0.0	2.0	7440-09-7	B		MND33	Soil		
MND33-0091	0091-0002	Borehole	19911217	Potassium	639.00	MG/KG	10.00	INORG	2.0	3.1	7440-09-7	B		MND33	Soil		
MND33-0091	0091-0001	Borehole	19911217	Potassium	466.00	MG/KG	10.00	INORG	0.0	2.0	7440-09-7	B		MND33	Soil		
SGC015	NAC015	Borehole	19960205	Potassium	1010.00	MG/KG		INORG	0.0	3.0	7440-09-7	B		SGCSP	Soil	Split spoon	
SGC015	NAC015	Borehole	19960205	Potassium-40	19.20	PCI/G	0.00	RAD	0.0	3.0	13966-00-2			SGCSP	Soil	Split spoon	

Location_name	Sample_id	Location_type	Collection_da	Value_name	Measured_va	Value_units	Detection_li	Chem_clas	Start_de	End_dept	CAS_number	Lab_qu	Data_(	Project_code	Media	Collection_n	Comments
SGC015	NAC015	Borehole	19960205	Radium-226	1.40	PCI/G	0.64	RAD	0.0	3.0	13982-63-3			SGCSP	Soil	Split spoon	
MND33-0089	0089-0001	Borehole	19911217	Selenium	**0.94**	MG/KG	0.20	INORG	0.0	2.0	7782-49-2	B		MND33	Soil		2-Exceeds background value.
MND33-0088	0088-0001	Borehole	19911217	Selenium	**2.30**	MG/KG	0.20	INORG	0.0	2.0	7782-49-2			MND33	Soil		2-Exceeds background value.
MND33-0087	0087-0001	Borehole	19911217	Selenium	**0.90**	MG/KG	0.20	INORG	0.0	2.0	7782-49-2	B		MND33	Soil		2-Exceeds background value.
MND33-0086	0086-0001	Borehole	19911217	Selenium	**1.20**	MG/KG	0.20	INORG	0.0	2.0	7782-49-2		J	MND33	Soil		2-Exceeds background value.
MND33-0084	0084-0001	Borehole	19911216	Selenium	**1.70**	MG/KG	0.20	INORG	0.0	2.0	7782-49-2			MND33	Soil		2-Exceeds background value.
MND33-0098	0098-0001	Borehole	19911218	Selenium	**0.59**	MG/KG	0.20	INORG	0.0	2.0	7782-49-2			MND33	Soil		2-Exceeds background value.
MND33-0094	0094-0001	Borehole	19911217	Selenium	**0.49**	MG/KG	0.49	INORG	0.0	2.0	7782-49-2		J	MND33	Soil		2-Exceeds background value.
MND33-0091	0091-0002	Borehole	19911217	Selenium	**0.46**	MG/KG	0.46	INORG	2.0	3.1	7782-49-2		J	MND33	Soil		2-Exceeds background value.
MND33-0091	0091-0001	Borehole	19911217	Selenium	**0.80**	MG/KG	0.20	INORG	0.0	2.0	7782-49-2		J	MND33	Soil		2-Exceeds background value.
001	000090	Surface locati	19970327	Silver	**2.40**	MG/KG		INORG	1.0	2.0	7440-22-4			BURNAREA	Soil		2-Exceeds background value.
001	000093	Surface locati	19970327	Silver	0.43	MG/KG		INORG	2.0	3.0	7440-22-4	B	B	BURNAREA	Soil		
001	000091	Surface locati	19970327	Silver	1.20	MG/KG		INORG	1.0	2.0	7440-22-4			BURNAREA	Soil		
002	000087	Surface locati	19970327	Silver	0.61	MG/KG		INORG	1.0	2.0	7440-22-4	B		BURNAREA	Soil		
005	000081	Surface locati	19970329	Silver	1.20	MG/KG		INORG	1.0	2.0	7440-22-4			BURNAREA	Soil		
005	000079	Surface locati	19970327	Silver	0.63	MG/KG		INORG	0.0	1.0	7440-22-4	B		BURNAREA	Soil		
005	000080	Surface locati	19970327	Silver	0.74	MG/KG		INORG	0.0	1.0	7440-22-4	B		BURNAREA	Soil		
010	000077	Surface locati	19970327	Silver	0.77	MG/KG		INORG	1.0	2.0	7440-22-4	B		BURNAREA	Soil		
010	000076	Surface locati	19970327	Silver	0.59	MG/KG		INORG	0.0	1.0	7440-22-4	B	B	BURNAREA	Soil		
010	000078	Surface locati	19970327	Silver	0.89	MG/KG		INORG	2.0	3.0	7440-22-4	B		BURNAREA	Soil		
006	000074	Surface locati	19970327	Silver	0.91	MG/KG		INORG	1.0	2.0	7440-22-4	B		BURNAREA	Soil		
006	000075	Surface locati	19970327	Silver	0.47	MG/KG		INORG	2.0	3.0	7440-22-4	B		BURNAREA	Soil		
006	000073	Surface locati	19970327	Silver	1.40	MG/KG		INORG	0.0	1.0	7440-22-4			BURNAREA	Soil		
007	000072	Surface locati	19970327	Silver	0.77	MG/KG		INORG	2.0	3.0	7440-22-4	B		BURNAREA	Soil		
007	000071	Surface locati	19970327	Silver	0.71	MG/KG		INORG	1.0	2.0	7440-22-4	B		BURNAREA	Soil		
011	000066	Surface locati	19970326	Silver	1.00	MG/KG		INORG	1.0	2.0	7440-22-4	B		BURNAREA	Soil		
011	000065	Surface locati	19970326	Silver	1.00	MG/KG		INORG	0.0	1.0	7440-22-4	B		BURNAREA	Soil		
025	000059	Surface locati	19970326	Silver	0.65	MG/KG		INORG	0.0	1.0	7440-22-4	B		BURNAREA	Soil		
026	000055	Surface locati	19970326	Silver	0.82	MG/KG		INORG	0.0	1.0	7440-22-4	B		BURNAREA	Soil		
026	000057	Surface locati	19970326	Silver	0.44	MG/KG		INORG	1.0	2.0	7440-22-4	B		BURNAREA	Soil		
012	000052	Surface locati	19970326	Silver	0.98	MG/KG		INORG	0.0	1.0	7440-22-4	B		BURNAREA	Soil		
017	000043	Surface locati	19970326	Silver	0.51	MG/KG		INORG	2.0	3.0	7440-22-4	B		BURNAREA	Soil		
017	000041	Surface locati	19970324	Silver	0.93	MG/KG		INORG	0.0	1.0	7440-22-4	B		BURNAREA	Soil		
023	000040	Surface locati	19970326	Silver	0.50	MG/KG		INORG	2.0	3.0	7440-22-4	B		BURNAREA	Soil		
023	000039	Surface locati	19970326	Silver	0.75	MG/KG		INORG	1.0	2.0	7440-22-4	B		BURNAREA	Soil		
023	000038	Surface locati	19970326	Silver	0.81	MG/KG		INORG	0.0	1.0	7440-22-4	B		BURNAREA	Soil		
MND33-0090	0090-0001	Borehole	19911217	Silver	**18.70**	MG/KG	1.00	INORG	0.0	3.5	7440-22-4		J	MND33	Soil		2-Exceeds background value.
MND33-0090	0090-1001	Borehole	19911217	Silver	**18.30**	MG/KG	1.00	INORG	0.0	3.5	7440-22-4		J	MND33	Soil		2-Exceeds background value.
MND33-0089	0089-0001	Borehole	19911217	Silver	**3.30**	MG/KG	1.00	INORG	0.0	2.0	7440-22-4		J	MND33	Soil		2-Exceeds background value.
MND33-0088	0088-0001	Borehole	19911217	Silver	**3.70**	MG/KG	1.00	INORG	0.0	2.0	7440-22-4		J	MND33	Soil		2-Exceeds background value.
MND33-0087	0087-0001	Borehole	19911217	Silver	**2.50**	MG/KG	1.00	INORG	0.0	2.0	7440-22-4		J	MND33	Soil		2-Exceeds background value.
MND33-0086	0086-0001	Borehole	19911217	Silver	**2.80**	MG/KG	1.00	INORG	0.0	2.0	7440-22-4			MND33	Soil		2-Exceeds background value.
MND33-0085	0085-0001	Borehole	19911216	Silver	**17.70**	MG/KG	1.00	INORG	0.0	2.0	7440-22-4		J	MND33	Soil		2-Exceeds background value.
MND33-0085	0085-0002	Borehole	19911216	Silver	**17.60**	MG/KG	1.00	INORG	0.0	4.5	7440-22-4		J	MND33	Soil		2-Exceeds background value.
MND33-0084	0084-0001	Borehole	19911216	Silver	**10.10**	MG/KG	1.00	INORG	0.0	2.0	7440-22-4			MND33	Soil		2-Exceeds background value.
MND33-0083	0083-0001	Borehole	19911216	Silver	**17.30**	MG/KG	1.00	INORG	0.0	2.0	7440-22-4		J	MND33	Soil		2-Exceeds background value.
MND33-0098	0098-0002	Borehole	19911218	Silver	**16.20**	MG/KG	1.00	INORG	2.0	5.2	7440-22-4		J	MND33	Soil		2-Exceeds background value.
MND33-0098	0098-0001	Borehole	19911218	Silver	**11.20**	MG/KG	1.00	INORG	0.0	2.0	7440-22-4		J	MND33	Soil		2-Exceeds background value.
MND33-0096	0096-0001	Borehole	19911218	Silver	**15.00**	MG/KG	1.00	INORG	0.0	2.0	7440-22-4		J	MND33	Soil		2-Exceeds background value.
MND33-0094	0094-0001	Borehole	19911217	Silver	**20.20**	MG/KG	1.00	INORG	0.0	2.0	7440-22-4		J	MND33	Soil		2-Exceeds background value.
MND33-0094	0094-0002	Borehole	19911217	Silver	**15.50**	MG/KG	1.00	INORG	2.0	4.5	7440-22-4		J	MND33	Soil		2-Exceeds background value.
MND33-0094	0094-1001	Borehole	19911217	Silver	**9.20**	MG/KG	1.00	INORG	0.0	2.0	7440-22-4		J	MND33	Soil		2-Exceeds background value.
MND33-0093	0093-0001	Borehole	19911217	Silver	**17.60**	MG/KG	1.00	INORG	0.0	2.0	7440-22-4		J	MND33	Soil		2-Exceeds background value.
MND33-0092	0092-0001	Borehole	19911217	Silver	**20.80**	MG/KG	1.00	INORG	0.0	2.0	7440-22-4		J	MND33	Soil		2-Exceeds background value.
MND33-0091	0091-0002	Borehole	19911217	Silver	**20.40**	MG/KG	1.00	INORG	2.0	3.1	7440-22-4		J	MND33	Soil		2-Exceeds background value.
MND33-0091	0091-0001	Borehole	19911217	Silver	**15.30**	MG/KG	1.00	INORG	0.0	2.0	7440-22-4		J	MND33	Soil		2-Exceeds background value.
MND33-0090	0090-0001	Borehole	19911217	Sodium	132.00	MG/KG	10.00	INORG	0.0	3.5	7440-23-5	B	J	MND33	Soil		
MND33-0090	0090-1001	Borehole	19911217	Sodium	142.00	MG/KG	10.00	INORG	0.0	3.5	7440-23-5	B	J	MND33	Soil		
MND33-0089	0089-0001	Borehole	19911217	Sodium	48.30	MG/KG	10.00	INORG	0.0	2.0	7440-23-5	B		MND33	Soil		
MND33-0088	0088-0001	Borehole	19911217	Sodium	71.30	MG/KG	10.00	INORG	0.0	2.0	7440-23-5	B		MND33	Soil		
MND33-0087	0087-0001	Borehole	19911217	Sodium	78.10	MG/KG	10.00	INORG	0.0	2.0	7440-23-5	B		MND33	Soil		
MND33-0086	0086-0001	Borehole	19911217	Sodium	71.00	MG/KG	10.00	INORG	0.0	2.0	7440-23-5			MND33	Soil		
MND33-0085	0085-0001	Borehole	19911216	Sodium	227.00	MG/KG	10.00	INORG	0.0	2.0	7440-23-5			MND33	Soil		
MND33-0085	0085-0002	Borehole	19911216	Sodium	151.00	MG/KG	10.00	INORG	0.0	4.5	7440-23-5		J	MND33	Soil		
MND33-0084	0084-0001	Borehole	19911216	Sodium	134.00	MG/KG	10.00	INORG	0.0	2.0	7440-23-5			MND33	Soil		
MND33-0083	0083-0001	Borehole	19911216	Sodium	120.00	MG/KG	10.00	INORG	0.0	2.0	7440-23-5		J	MND33	Soil		
MND33-0098	0098-0002	Borehole	19911218	Sodium	121.00	MG/KG	10.00	INORG	2.0	5.2	7440-23-5		J	MND33	Soil		
MND33-0098	0098-0001	Borehole	19911218	Sodium	128.00	MG/KG	10.00	INORG	0.0	2.0	7440-23-5			MND33	Soil		
MND33-0096	0096-0001	Borehole	19911218	Sodium	97.80	MG/KG	10.00	INORG	0.0	2.0	7440-23-5			MND33	Soil		
MND33-0094	0094-0001	Borehole	19911217	Sodium	180.00	MG/KG	10.00	INORG	0.0	2.0	7440-23-5	B		MND33	Soil		
MND33-0094	0094-0002	Borehole	19911217	Sodium	110.00	MG/KG	10.00	INORG	2.0	4.5	7440-23-5	B		MND33	Soil		

Location_name	Sample_id	Location_type	Collection_da	Value_name	Measured_va	Value_units	Detection_li	Chem_clas	Start_de	End_dept	CAS_number	Lab_qu	Data_q	Project_code	Media	Collection_n	Comments
MND33-0094	0094-1001	Borehole	19911217	Sodium	98.60	MG/KG	10.00	INORG	0.0	2.0	7440-23-5	B	J	MND33	Soil		
MND33-0093	0093-0001	Borehole	19911217	Sodium	141.00	MG/KG	10.00	INORG	0.0	2.0	7440-23-5	B	J	MND33	Soil		
MND33-0092	0092-0001	Borehole	19911217	Sodium	175.00	MG/KG	10.00	INORG	0.0	2.0	7440-23-5	B		MND33	Soil		
MND33-0091	0091-0002	Borehole	19911217	Sodium	112.00	MG/KG	10.00	INORG	2.0	3.1	7440-23-5	B	J	MND33	Soil		
MND33-0091	0091-0001	Borehole	19911217	Sodium	110.00	MG/KG	10.00	INORG	0.0	2.0	7440-23-5	B	J	MND33	Soil		
SGC015	NAC015	Borehole	19960205	Sodium	**248.00**	MG/KG		INORG	0.0	3.0	7440-23-5	B		SGCSP	Soil	Split spoon	2-Exceeds background value.
MND33-0085	0085-0003	Borehole	19911216	Tetrachloroethene	41.00	UG/KG	5.00	ORVOA	7.0	7.5	127-18-4			MND33	Soil		
MND33-0098	0098-0002	Borehole	19911218	Tetrachloroethene	5.00	UG/KG	5.00	ORVOA	2.0	5.2	127-18-4	J	J	MND33	Soil		
MND33-0098	0098-0001	Borehole	19911218	Tetrachloroethene	6.00	UG/KG	7.00	ORVOA	0.0	2.0	127-18-4	J	J	MND33	Soil		
MND33-0098	0098-0001	Borehole	19911218	Thallium	**0.65**	MG/KG	0.20	INORG	0.0	2.0	7440-28-0			MND33	Soil		2-Exceeds background value.
SGC015	NAC015	Borehole	19960205	Thorium-228	1.37	PCI/G	0.03	RAD	0.0	3.0	14274-82-9			SGCSP	Soil	Split spoon	
SGC015	NAC015	Borehole	19960205	Thorium-230	1.48	PCI/G	0.03	RAD	0.0	3.0	14269-63-7			SGCSP	Soil	Split spoon	
SGC015	NAC015	Borehole	19960205	Thorium-232	**1.43**	PCI/G	0.02	RAD	0.0	3.0	7440-29-1			SGCSP	Soil	Split spoon	2-Exceeds background value.
MND33-0085	0085-0003	Borehole	19911216	Toluene	8.00	UG/KG	5.00	ORVOA	7.0	7.5	108-88-3			MND33	Soil		
MND33-0098	0098-0002	Borehole	19911218	Toluene	40.00	UG/KG	5.00	ORVOA	2.0	5.2	108-88-3			MND33	Soil		
MND33-0098	0098-0001	Borehole	19911218	Toluene	2.00	UG/KG	7.00	ORVOA	0.0	2.0	108-88-3	J	J	MND33	Soil		
MND33-0094	0094-0001	Borehole	19911217	Toluene	51.00	UG/KG	6.00	ORVOA	0.0	2.0	108-88-3			MND33	Soil		
MND33-0094	0094-1001	Borehole	19911217	Toluene	27.00	UG/KG	7.00	ORVOA	0.0	2.0	108-88-3		J	MND33	Soil		
SGC015	NAC015	Borehole	19960205	Toluene	28.00	UG/KG		ORVOA	0.0	3.0	108-88-3			SGCSP	Soil	Split spoon	
03N14	03N14	Surface locati	19940713	Total Aromatic Hydrocarbon	436154.00	IC		GENERA	0.0	1.5	AHYD			2680	Soil	Auger, hand	
04N14	04N14	Surface locati	19940713	Total Aromatic Hydrocarbon	4568544.00	IC		GENERA	0.0	1.5	AHYD			2680	Soil	Auger, hand	
04N13	04N13	Surface locati	19940713	Total Aromatic Hydrocarbon	30460.00	IC		GENERA	0.0	1.5	AHYD			2680	Soil	Auger, hand	
3.5N13.5	3.5N13.5	Surface locati	19940912	Total Aromatic Hydrocarbon	93520.00	IC		GENERA	0.0	1.5	AHYD			2680	Soil	Auger, hand	
03N14	03N14	Surface locati	19940713	Total C5 TO C11 Petroleum	860642.00	IC		GENERA	0.0	1.5	TOGRHY			2680	Soil	Auger, hand	
04N14	04N14	Surface locati	19940713	Total C5 TO C11 Petroleum	8946541.00	IC		GENERA	0.0	1.5	TOGRHY			2680	Soil	Auger, hand	
04N13	04N13	Surface locati	19940713	Total C5 TO C11 Petroleum	32482.00	IC		GENERA	0.0	1.5	TOGRHY			2680	Soil	Auger, hand	
3.5N13.5	3.5N13.5	Surface locati	19940912	Total C5 TO C11 Petroleum	518182.00	IC		GENERA	0.0	1.5	TOGRHY			2680	Soil	Auger, hand	
03N14	03N14	Surface locati	19940713	Total Halogenated Hydrocar	61580.00	IC		GENERA	0.0	1.5	THAHYC			2680	Soil	Auger, hand	
04N14	04N14	Surface locati	19940713	Total Halogenated Hydrocar	2330151.00	IC		GENERA	0.0	1.5	THAHYC			2680	Soil	Auger, hand	
3.5N13.5	3.5N13.5	Surface locati	19940912	Total Halogenated Hydrocar	338945.00	IC		GENERA	0.0	1.5	THAHYC			2680	Soil	Auger, hand	
04N14	04N14	Surface locati	19940713	Total Semivolatile Hydrocart	2635.00	IC		GENERA	0.0	1.5	TSVHYC			2680	Soil	Auger, hand	
MND33-0085	0085-0001	Borehole	19911216	Trichloroethene	18.00	UG/KG	6.00	ORVOA	0.0	2.0	79-01-6			MND33	Soil		
MND33-0085	0085-0003	Borehole	19911216	Trichloroethene	74.00	UG/KG	5.00	ORVOA	7.0	7.5	79-01-6			MND33	Soil		
MND33-0085	0085-0002	Borehole	19911216	Trichloroethene	6.00	UG/KG	6.00	ORVOA	0.0	4.5	79-01-6	J	J	MND33	Soil		
MND33-0098	0098-0002	Borehole	19911218	Trichloroethene	26.00	UG/KG	5.00	ORVOA	2.0	5.2	79-01-6			MND33	Soil		
MND33-0098	0098-0001	Borehole	19911218	Trichloroethene	20.00	UG/KG	7.00	ORVOA	0.0	2.0	79-01-6			MND33	Soil		
SGC015	NAC015	Borehole	19960205	Trichloroethene	3.00	UG/KG		ORVOA	0.0	3.0	79-01-6	J		SGCSP	Soil	Split spoon	
SGC015	NAC015	Borehole	19960205	Uranium-234	1.01	PCI/G	0.03	RAD	0.0	3.0	13966-29-5			SGCSP	Soil	Split spoon	
SGC015	NAC015	Borehole	19960205	Uranium-235	0.09	PCI/G	0.03	RAD	0.0	3.0	15117-96-1			SGCSP	Soil	Split spoon	
SGC015	NAC015	Borehole	19960205	Uranium-238	0.96	PCI/G	0.03	RAD	0.0	3.0	7440-61-1			SGCSP	Soil	Split spoon	
MND33-0090	0090-0001	Borehole	19911217	Vanadium	23.00	MG/KG	1.00	INORG	0.0	3.5	7440-62-2		J	MND33	Soil		
MND33-0090	0090-1001	Borehole	19911217	Vanadium	**28.20**	MG/KG	1.00	INORG	0.0	3.5	7440-62-2		J	MND33	Soil		2-Exceeds background value.
MND33-0089	0089-0001	Borehole	19911217	Vanadium	21.60	MG/KG	1.00	INORG	0.0	2.0	7440-62-2			MND33	Soil		
MND33-0088	0088-0001	Borehole	19911217	Vanadium	20.90	MG/KG	1.00	INORG	0.0	2.0	7440-62-2			MND33	Soil		
MND33-0087	0087-0001	Borehole	19911217	Vanadium	**28.60**	MG/KG	1.00	INORG	0.0	2.0	7440-62-2			MND33	Soil		2-Exceeds background value.
MND33-0086	0086-0001	Borehole	19911217	Vanadium	**31.90**	MG/KG	1.00	INORG	0.0	2.0	7440-62-2			MND33	Soil		2-Exceeds background value.
MND33-0085	0085-0001	Borehole	19911216	Vanadium	**29.10**	MG/KG	1.00	INORG	0.0	2.0	7440-62-2		J	MND33	Soil		2-Exceeds background value.
MND33-0085	0085-0002	Borehole	19911216	Vanadium	19.40	MG/KG	1.00	INORG	0.0	4.5	7440-62-2		J	MND33	Soil		
MND33-0084	0084-0001	Borehole	19911216	Vanadium	**29.00**	MG/KG	1.00	INORG	0.0	2.0	7440-62-2			MND33	Soil		2-Exceeds background value.
MND33-0083	0083-0001	Borehole	19911216	Vanadium	18.90	MG/KG	1.00	INORG	0.0	2.0	7440-62-2		J	MND33	Soil		
MND33-0098	0098-0002	Borehole	19911218	Vanadium	21.50	MG/KG	1.00	INORG	2.0	5.2	7440-62-2		J	MND33	Soil		
MND33-0098	0098-0001	Borehole	19911218	Vanadium	**40.00**	MG/KG	1.00	INORG	0.0	2.0	7440-62-2			MND33	Soil		2-Exceeds background value.
MND33-0096	0096-0001	Borehole	19911218	Vanadium	**25.70**	MG/KG	1.00	INORG	0.0	2.0	7440-62-2			MND33	Soil		2-Exceeds background value.
MND33-0094	0094-0001	Borehole	19911217	Vanadium	24.20	MG/KG	1.00	INORG	0.0	2.0	7440-62-2		J	MND33	Soil		
MND33-0094	0094-0002	Borehole	19911217	Vanadium	23.00	MG/KG	1.00	INORG	2.0	4.5	7440-62-2		J	MND33	Soil		
MND33-0094	0094-1001	Borehole	19911217	Vanadium	**35.70**	MG/KG	1.00	INORG	0.0	2.0	7440-62-2		J	MND33	Soil		2-Exceeds background value.
MND33-0093	0093-0001	Borehole	19911217	Vanadium	**29.90**	MG/KG	1.00	INORG	0.0	2.0	7440-62-2		J	MND33	Soil		2-Exceeds background value.
MND33-0092	0092-0001	Borehole	19911217	Vanadium	**33.10**	MG/KG	1.00	INORG	0.0	2.0	7440-62-2		J	MND33	Soil		2-Exceeds background value.
MND33-0091	0091-0002	Borehole	19911217	Vanadium	17.80	MG/KG	1.00	INORG	2.0	3.1	7440-62-2		J	MND33	Soil		
MND33-0091	0091-0001	Borehole	19911217	Vanadium	24.30	MG/KG	1.00	INORG	0.0	2.0	7440-62-2		J	MND33	Soil		
SGC015	NAC015	Borehole	19960205	Vanadium	10.70	MG/KG		INORG	0.0	3.0	7440-62-2			SGCSP	Soil	Split spoon	
MND33-0085	0085-0003	Borehole	19911216	Xylenes, Total	3.00	UG/KG	5.00	ORVOA	7.0	7.5	1330-20-7	JB	J	MND33	Soil		
MND33-0098	0098-0002	Borehole	19911218	Xylenes, Total	33.00	UG/KG	5.00	ORVOA	2.0	5.2	1330-20-7			MND33	Soil		
MND33-0094	0094-0001	Borehole	19911217	Xylenes, Total	39.00	UG/KG	6.00	ORVOA	0.0	2.0	1330-20-7	B	J	MND33	Soil		
MND33-0094	0094-1001	Borehole	19911217	Xylenes, Total	23.00	UG/KG	7.00	ORVOA	0.0	2.0	1330-20-7	B	J	MND33	Soil		
SGC015	NAC015	Borehole	19960205	Xylenes, Total	4.00	UG/KG		ORVOA	0.0	3.0	1330-20-7	J		SGCSP	Soil	Split spoon	
MND33-0090	0090-0001	Borehole	19911217	Zinc	48.60	MG/KG	0.50	INORG	0.0	3.5	7440-66-6		J	MND33	Soil		
MND33-0090	0090-1001	Borehole	19911217	Zinc	58.90	MG/KG	0.50	INORG	0.0	3.5	7440-66-6		J	MND33	Soil		
MND33-0089	0089-0001	Borehole	19911217	Zinc	23.50	MG/KG	0.50	INORG	0.0	2.0	7440-66-6		J	MND33	Soil		
MND33-0088	0088-0001	Borehole	19911217	Zinc	26.20	MG/KG	0.50	INORG	0.0	2.0	7440-66-6		J	MND33	Soil		
MND33-0087	0087-0001	Borehole	19911217	Zinc	**291.00**	MG/KG	0.50	INORG	0.0	2.0	7440-66-6		J	MND33	Soil		2-Exceeds background value.

Location_name	Sample_id	Location_type	Collection_da	Value_name	Measured_va	Value_units	Detection_li	Chem_clas	Start_de	End_dept	CAS_number	Lab_qu	Data_q	Project_code	Media	Collection_n	Comments
MND33-0086	0086-0001	Borehole	19911217	Zinc	**463.00**	MG/KG	0.50	INORG	0.0	2.0	7440-66-6	*		MND33	Soil		2-Exceeds background value.
MND33-0085	0085-0001	Borehole	19911216	Zinc	51.00	MG/KG	0.50	INORG	0.0	2.0	7440-66-6	*		MND33	Soil		
MND33-0085	0085-0002	Borehole	19911216	Zinc	30.50	MG/KG	0.50	INORG	0.0	4.5	7440-66-6	*	J	MND33	Soil		
MND33-0084	0084-0001	Borehole	19911216	Zinc	53.90	MG/KG	0.50	INORG	0.0	2.0	7440-66-6	*		MND33	Soil		
MND33-0083	0083-0001	Borehole	19911216	Zinc	26.90	MG/KG	0.50	INORG	0.0	2.0	7440-66-6	*	J	MND33	Soil		
MND33-0098	0098-0002	Borehole	19911218	Zinc	57.20	MG/KG	0.50	INORG	2.0	5.2	7440-66-6		J	MND33	Soil		
MND33-0098	0098-0001	Borehole	19911218	Zinc	80.90	MG/KG	0.50	INORG	0.0	2.0	7440-66-6		J	MND33	Soil		
MND33-0096	0096-0001	Borehole	19911218	Zinc	67.80	MG/KG	0.50	INORG	0.0	2.0	7440-66-6		J	MND33	Soil		
MND33-0094	0094-0001	Borehole	19911217	Zinc	20.10	MG/KG	0.50	INORG	0.0	2.0	7440-66-6		J	MND33	Soil		
MND33-0094	0094-0002	Borehole	19911217	Zinc	37.40	MG/KG	0.50	INORG	2.0	4.5	7440-66-6		J	MND33	Soil		
MND33-0094	0094-1001	Borehole	19911217	Zinc	91.20	MG/KG	0.50	INORG	0.0	2.0	7440-66-6		J	MND33	Soil		
MND33-0093	0093-0001	Borehole	19911217	Zinc	72.10	MG/KG	0.50	INORG	0.0	2.0	7440-66-6		J	MND33	Soil		
MND33-0092	0092-0001	Borehole	19911217	Zinc	53.10	MG/KG	0.50	INORG	0.0	2.0	7440-66-6		J	MND33	Soil		
MND33-0091	0091-0002	Borehole	19911217	Zinc	27.00	MG/KG	0.50	INORG	2.0	3.1	7440-66-6		J	MND33	Soil		
MND33-0091	0091-0001	Borehole	19911217	Zinc	27.50	MG/KG	0.50	INORG	0.0	2.0	7440-66-6		J	MND33	Soil		
SGC015	NAC015	Borehole	19960205	Zinc	67.70	MG/KG		INORG	0.0	3.0	7440-66-6			SGCSP	Soil	Split spoon	