Appendix B

Soil Quality Data

CONTENTS

B.1-1 Area 6—Crystallizer Drum Area Soil Quality
B.2-1 Area 7—Waste Drainage Pit (Old Salt Lake) Soil Metals Results
B.2-2 Area 7—Waste Drainage Pit (Old Salt Lake) Soil Explosives Results
B.2-3 Area 7—Waste Drainage Pit (Old Salt Lake) Soil SVOC Results
B.2-4 Area 7—Waste Drainage Pit (Old Salt Lake) Soil PAH Results
B.2-5 Area 7—Waste Drainage Pit (Old Salt Lake) Soil Pesticide and PCB Results
B.2-6 Area 7—Waste Drainage Pit (Old Salt Lake) Soil TPH Results
B.3-1 Area 10—Aluminum Water Gel Area Soil Metals Results
B.3-2 Area 10—Aluminum Water Gel Area Soil Explosives Results
B.3-3 Area 10—Aluminum Water Gel Area Soil PAH and SVOC Results
B.4-1 Area 11—Water Gel Wash-Up Waste Pit Area Soil Metals Results
B.4-2 Area 11—Water Gel Wash-Up Waste Pit Area Soil Explosives Results
B.4-3 Area 11—Water Gel Wash-Up Waste Pit Area Soil PAH and SVOC Results
B.4-4 Area 11 — Water Gel Wash-Up Waste Pit Area Soil TPH Results
B.5-1 Area 12—Works Magazine Landfill Soil Metals Results
B.5-2 Area 12—Works Magazine Landfill Soil Explosives Results
B.5-3 Area 12—Works Magazine Landfill Soil SVOC Results
B.5-4 Area 12—Works Magazine Landfill Soil PAH Results
B.5-5 Area 12—Works Magazine Landfill Soil Pesticide and PCB Results
B.5-6 Area 12—Works Magazine Landfill Soil TPH Results
B.6-1 Area 16—Kettle Beneath Area 5 Soil Metals Results
B.6-2 Area 16—Kettle Beneath Area 5 Soil TCLP Metals Results
B.6-3 Area 16—Kettle Beneath Area 5 Soil Explosives Results
B.6-4 Area 16—Kettle Beneath Area 5 Soil SVOC Results
B.6-5 Area 16—Kettle Beneath Area 5 Soil PAH Results
B.6-6 Area 16—Kettle Beneath Area 5 Soil Pesticide and PCB Results
B.6-7 Area 16—Kettle Beneath Area 5 Soil TPH Results
B.7-1 Area 18/1/2/3/4—Nitroglycerin Production and Powderline Soil Metals Results
B.7-2 Area 18/1/2/3/4—Nitroglycerin Production and Powderline Soil Explosives Results
B.7-3 Area 18/1/2/3/4—Nitroglycerin Production and Powderline Soil VOCs Results
B.7-4 Area 18/1/2/3/4—Nitroglycerin Production and Powderline Soil PAH and SVOC Results

B.7-5 Area 18/1/2/3/4—Nitroglycerin Production and Powderline Soil TPH Results
B.7-6 Area 18/1/2/3/4—Nitroglycerin Production and Powderline Soil Nitrate Results
B.8-1 Area 25—Acid Production Area Soil Metals Results
B.8-2 Area 25—Acid Production Area Soil Explosives Results
B.9-1 Area 26—Waste Acid Recovery Area and Kettle Soil Metals Results
B.9-2 Area 26—Waste Acid Recovery Area and Kettle Soil Explosives Results
B.9-3 Area 26—Waste Acid Recovery Area and Kettle Soil SVOC Results
B.9-4 Area 26—Waste Acid Recovery Area and Kettle Soil PAH Results
B.9-5 Area 26—Waste Acid Recovery Area and Kettle Soil TPH Results
B.10-1 Area 31—Burning Ground Soil Metals Results
B.10-2 Area 31—Burning Ground Soil Explosives Results
B.10-3 Area 31—Burning Ground Soil SVOC Results
B.10-4 Area 31—Burning Ground Soil PAH Results
B.10-5 Area 31—Burning Ground Soil PCB Results
B.10-6 Area 31—Burning Ground Soil TPH Results
B.11-1 Area 38—Carton Production Area and Drywell Soil Metals Results
B.11-2 Area 38—Carton Production Area and Drywell Soil Explosives Results
B.11-3 Area 38—Carton Production Area and Drywell Soil VOC Results
B.11-4 Area 38—Carton Production Area and Drywell Soil SVOC Results
B.11-5 Area 38—Carton Production Area and Drywell Soil PAH Results
B.11-6 Area 38—Carton Production Area and Drywell Soil Pesticides Results
B.11-7 Area 38—Carton Production Area and Drywell Soil TPH Results
B.12-1 Areas of Potential Concern (APs) Soil Metals Results
B.12-2 Areas of Potential Concern (APs) Soil Explosives Results
B.12-3 Areas of Potential Concern (APs) Soil SVOC Results
B.12-4 Areas of Potential Concern (APs) Soil PAH Results
B.12-5 Areas of Potential Concern (APs) Soil PCB Results
B.12-6 Areas of Potential Concern (APs) Soil TPH Results
B.12-7 Areas of Potential Concern (APs) Soil Nitrate Results
B.13-1 Area 18—REF Soil Metals Results
B.13-2 Area 31—REF Soil Metals Results
B.14-1 Area LR Soil Metals Results
B.14-2 Area LR Soil Explosives Results

B.14-3 Area LR Soil Pesticide, PCB, and TPH Results
B.14-4 Area LR Soil Nitrate Results
B.15-1 Historical Railroad Grade Soil Metals Results
B.15-2 Historical Railroad Grade Soil TPH Results
B.16-1 Creek Area Soil Metals Results
B.16-2 Creek Area Soil Explosives Results
B.16-3 Creek Area Soil SVOC Results
B.16-4 Creek Area Soil PAH Results
B.16-5 Creek Area Soil TPH Results
B.17-1 Candidate Area Characterization Sample Soil Metals Results
B.18-1 Parcel 1 North of Creek Soil Metals Results
B.19-1 Miscellaneous Sample Soil Metals Results
B.20-1 Area 5—DNT Waste Drum Area Soil Metals Results
B.20-2 Area 5D—DNT Waste Drum Area Soil Metals Results
B.20-3 Area 5D—DNT Waste Drum Area Soil Explosives Results
B.20-4 Area 5—DNT Waste Drum Area Soil VOC Results
B.20-5 Area 5—DNT Waste Drum Area Soil SVOC Results
B.20-6 Area 5—DNT Waste Drum Area Soil PAH Results
B.20-7 Area 5—DNT Waste Drum Area Soil Pesticide Results
B.20-8 Area 5D—DNT Waste Drum Area Soil PCB Results
B.20-9 Area 5—DNT Waste Drum Area Soil TPH Results
B.21-1 Area 8—Bunker C Pipeline Soil Metals Results
B.21-2 Area 8—Bunker C Pipeline Soil Explosives Results
B.21-3 Area 8—Bunker C Pipeline Soil VOC Results
B.21-4 Area 8—Bunker C Pipeline Soil SVOC Results
B.21-5 Area 8—Bunker C Pipeline Soil PAH Results
B.22-6 Area 8—Bunker C Pipeline Soil TPH Results
B.22-1 Area 19—Maintenance Areas Soil Metals Results
B.22-2 Area 19—Maintenance Areas Soil TPH Results
B.23-1 Area 24/24A—Upper Power House Soil Metals Results
B.23-2 Area 24/24A—Upper Power House Soil PAH Results
B.23-3 Area 24/24A—Upper Power House Soil TPH Results
B.24-1 Area 30—Railroad Debris Area Soil Metals Results

B.25-1 Area 36—Lead Melt House Area Soil Metals Results
B.26-1 Area 39—Laboratory Area Soil Metals Results
B.26-2 Area 39—Laboratory Area Soil Explosives Results
B.26-3 Area 39—Laboratory Area Soil VOC Results
B.26-4 Area 39—Laboratory Area Soil SVOC Results
B.26-5 Area 39—Laboratory Area Soil PAH Results
B.26-6 Area 39—Laboratory Area Soil TPH Results

Appendix B presents soil quality data representing current Site conditions as of September 2001. The tables are organized and labeled according to area as discussed in Section 2. The tables are in the same order as that in which they are discussed in Section 2—Site Areas (by number), AP Areas, Site Reference Area (REF), and Narrow-Gauge Railroad (NGRR). Refer to Section 2 for a complete description of each Site Area. Specific notes for the tables are as follows:

1. Blanks indicate no analysis for a specific constituent.
2. Soil quality data representing Site conditions as of September 2001 are provided in the tables, including pre-RI, RI, and interim source removal verification sampling results.
3. Data qualifiers include the following:

   U Not detected at associated detection limit
   J Estimated concentration
   UJ Not detected; associated detection limit is an estimate
   R Rejected data, as determined during data validation
   S Sum of individual constituent concentrations (e.g., total cPAHs and total PCBs)
   X Elution pattern does not match typical product

4. Field duplicate samples are designated with sample ID suffixes of D, DUP, or SSE (the different suffixes have identical meanings).
5. As discussed in Section 2 of the report, soil quality data from the following areas have been redesignated as follows:

   - Areas AP-A and AP-G have been included in the Areas of Potential Concern tables.
   - Areas AP-B and AP-D have been included in Area 26.
   - Samples designated AP-H at the time of sampling have been divided into Areas 25 and 26.
   - Sampling locations within 25 feet of a narrow-gauge railroad grade have been included in the Narrow-Gauge Railroad designation.

The redesignated soil quality data have been included in soil quality data tables in this appendix for the appropriate areas as listed above.

The tables were developed on the basis of information provided to URS in an analytical database submitted in final form for this RI on April 1, 2002 (Pioneer 2002).

Table B.1-1
Area 6 - Crystallizer Drum Area Soil Quality

Area	6	6	6	6	6
Sample ID	01-F16-SS[F-211]C2-005	01-F16-SS[F-212]C2-005	01-F16-SS[F-213]C2-005	01-F16-SS[F-214]C2-005	01-F16-SS[F-215]C2-005
Date Sampled	8/6/01	8/6/01	8/6/01	8/6/01	8/6/01
Depth	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
Conventionals (mg/kg dry)					
Nitrate as Nitrogen					
Total Metals (mg/kg dry)					
Arsenic	3.8	5	4.7	3.5	4.2
Cadmium					
Chromium					
Copper					
Lead	20	40	35	20	45
Mercury					
Nickel					
Zinc					
TPH (mg/kg dry)					
TPH (418.1)					

Area	6	6	6	6	6
Sample ID	01-F16-SS[F-216]C2-005	01-F16-SS[F-217]C2-005	01-F16-SS[F-218]C2-005	01-N01-SS[NGRR-178]C2-005	01-N01-SS[NGRR-180]C2-005
Date Sampled	8/6/01	8/6/01	8/6/01	8/6/01	8/6/01
Depth	2 to 2.5	2 to 2.5	2 to 2.5	1.5 to 2	1.5 to 2
Conventionals (mg/kg dry)					
Nitrate as Nitrogen					
Total Metals (mg/kg dry)					
Arsenic	25	33	7.9	3.5	18
Cadmium					
Chromium					
Copper					
Lead	69	60	49	37	9.9
Mercury					
Nickel					
Zinc					
TPH (mg/kg dry)					
TPH (418.1)					

Table B.1-1
Area 6 - Crystallizer Drum Area Soil Quality

Area	6	6	6	6	6
Sample ID	01-N01-SS[NGRR-181]C2-005	03-N01-SS-[NGRR-179-3]-C2-050	6-SS-402	6-SS-501	6-SS-502
Date Sampled	8/6/01	9/13/01	11/4/93	4/21/92	4/21/92
Depth	1.5 to 2	3.5 to 4	0 to 0.5	0 to 0.5	0 to 0.5
Conventionals (mg/kg dry)					
Nitrate as Nitrogen				3	79.5
Total Metals (mg/kg dry)					
Arsenic	10	4.8	21	5.8	9.1
Cadmium				0.51	0.46
Chromium				24	120
Copper				50	100
Lead	7.6	87		180	410
Mercury				0.34	0.68
Nickel				17	18
Zinc				290	300
TPH (mg/kg dry)					
TPH (418.1)				230	1700

Area	6	6	6	6	6
Sample ID	6-SS-503	6-TP-501-S-2	6-TP-501-S-3	6-TP-502-S-1	6-TP-502-S-2
Date Sampled	4/21/92	4/20/92	4/20/92	4/20/92	4/20/92
Depth	0 to 0.5	3 to 6	8 to 10	0 to 1	3 to 6
Conventionals (mg/kg dry)					
Nitrate as Nitrogen	38.1	0.7	0.8	2.5 UJ	0.7
Total Metals (mg/kg dry)					
Arsenic	10	3.6	1.8	1.6	1.2
Cadmium	0.67	0.079	0.058	0.071	0.046
Chromium	59	14	12	10	12
Copper	93	18	13	14	13
Lead	400	39	16	12	5.3 U
Mercury	1.2	0.076 U	0.09	0.081 U	0.089 U
Nickel	26	17	18	15	15
Zinc	630	49	40	34	30
TPH (mg/kg dry)					
TPH (418.1)	1900	39	22 U	21 U	22 U

Table B.1-1
Area 6 - Crystallizer Drum Area Soil Quality

Area	**6**
Sample ID	**6-TP-502-S-3**
Date Sampled	**4/20/92**
Depth	**8 to 10**
Conventionals (mg/kg dry)	
Nitrate as Nitrogen	2.5 UJ
Total Metals (mg/kg dry)	
Arsenic	1.5
Cadmium	0.08
Chromium	13
Copper	15
Lead	20
Mercury	0.096 U
Nickel	16
Zinc	30
TPH (mg/kg dry)	
TPH (418.1)	140

Table B.2-1
Area 7 - Waste Drainage Pit (Old Salt Lake) Soil Metals Results

Area	7	7	7	7	7	7	7	7
Sample ID	**7-B-1,S-1**	**7-B-3,S-1**	**7-B-3,S-3**	**7-B-3,S-5**	**7-B-3,S-6**	**7-B-4,S-1-DAVG**	**7-B-4,S-11**	**7-B-4,S-3**
Date Sampled	**12/1/86**	**4/28/87**	**4/28/87**	**4/28/87**	**4/28/87**	**4/29/87**	**4/29/87**	**4/29/87**
Depth	**2.5 to 4**	**3.5 to 5**	**8.5 to 10**	**13.5 to 15**	**16.5 to 18**	**3.5 to 5**	**28.5 to 30**	**8.5 to 10**
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg dry)								
Antimony	4							
Arsenic								
Cadmium								
Chromium	6 U							
Copper								
Lead	94	110	31	32	30	52	66	52
Mercury								
Nickel								
Zinc								

Table B.2-1
Area 7 - Waste Drainage Pit (Old Salt Lake) Soil Metals Results

Area	7	7	7	7	7	7	7	7
Sample ID	7-B-4,S-5	7-B-4,S-6	7-B-4,S-9	7-B-5,S-1-DAVG	7-B-5,S-3	7-B-5,S-5	7-B-5,S-7	7-B-501-S-1
Date Sampled	4/29/87	4/29/87	4/29/87	4/28/87	4/28/87	4/28/87	4/28/87	2/27/92
Depth	13.5 to 15	16 to 17.5	23.5 to 25	3 to 4.5	8 to 9.5	13 to 14.5	18 to 19.5	0 to 1
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg dry)								
Antimony								
Arsenic								4.1
Cadmium								0.024
Chromium								1.6
Copper								5.7
Lead	30	26	51	320	41	54	170	230
Mercury								3.2
Nickel								1.9
Zinc								2.4

Table B.2-1
Area 7 - Waste Drainage Pit (Old Salt Lake) Soil Metals Results

Area	7	7	7	7	7	7	7	7
Sample ID	7-B-501-S-1A	7-B-501-S-2-DAVG	7-B-501-S-3-DAVG	7-B-501-S-4-DAVG	7-B-501-S-5	7-B-501-S-6	7-B-502-S-1	7-B-502-S-1A
Date Sampled	6/26/92	2/27/92	2/27/92	2/28/92	2/28/92	2/28/92	2/28/92	6/26/92
Depth	2.5 to 4	5 to 8	10 to 13	15 to 18	20 to 23	25 to 28.5	0 to 1	2.5 to 4
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg dry)								
Antimony								
Arsenic	18		6.9				4.4	1.5
Cadmium	0.076 J		0.2				0.044	
Chromium	1		2.9				3.1	0.69
Copper	9.7		47				29	3
Lead	350	280	54 J	27	16	150	720	82
Mercury	0.93 J		0.15				3	0.13 J
Nickel	1.3 U		1.5				4.6	0.65 U
Zinc	5.1		9				4.2	2.4

Table B.2-1
Area 7 - Waste Drainage Pit (Old Salt Lake) Soil Metals Results

Area	7	7	7	7	7	7	7	7
Sample ID	7-B-502-S-2	7-B-502-S-3	7-B-502-S-4	7-B-502-S-5	7-B-502-S-6	7-B-503-S-1	7-B-503-S-12	7-B-503-S-13
Date Sampled	2/28/92	2/28/92	2/28/92	2/28/92	2/28/92	7/20/92	7/21/92	7/21/92
Depth	5 to 8	10 to 13	15 to 18	20 to 23	25 to 28	0 to 1	55 to 56.5	60 to 61.5
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg dry)								
Antimony								
Arsenic		3.5 J			17	2.3		
Cadmium		0.33			0.084	0.022		
Chromium		1.6			5	1.2		
Copper		3.5			18	6.2		
Lead	54	39 J	120	130	120 J	130	85	96
Mercury		0.076 U			0.078 U	2.7		
Nickel		0.52 U			2.5	2.3		
Zinc		1.4			11	3.2		

Table B.2-1
Area 7 - Waste Drainage Pit (Old Salt Lake) Soil Metals Results

Area	7	7	7	7	7	7	7	7
Sample ID	7-B-503-S-14	7-B-503-S-15	7-B-503-S-15A	7-B-503-S-1C-DAVG	7-B-503-S-3	7-B-503-S-4	7-B-503-S-5	7-B-503-S-6
Date Sampled	7/21/92	7/21/92	7/21/92	7/20/92	7/20/92	7/20/92	7/20/92	7/20/92
Depth	65 to 66.5	70 to 71.5	72.5 to 74	2.5 to 4	10 to 11.5	15 to 16.5	20 to 21.5	25 to 26.5
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg dry)								
Antimony								
Arsenic								
Cadmium								
Chromium								
Copper								
Lead	74	110	66	530	6.1 U	6.6 U	30	58
Mercury								
Nickel								
Zinc								

Table B.2-1
Area 7 - Waste Drainage Pit (Old Salt Lake) Soil Metals Results

Area	7	7	7	7	7	7	7	7
Sample ID	7-B-503-S-7	7-B-503-S-8	7-B-503-S-9	7-B-504-S-1-DAVG	7-B-504-S-11	7-B-504-S-2	7-B-504-S-3A	7-B-504-S-4A
Date Sampled	7/20/92	7/20/92	7/21/92	7/17/92	7/17/92	7/17/92	7/17/92	7/17/92
Depth	30 to 31.5	35 to 35.5	40 to 41.5	0 to 1	49 to 50.4	5 to 6.5	12.5 to 14	17.5 to 19
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg dry)								
Antimony								
Arsenic				16				
Cadmium				0.14				
Chromium				8.5				
Copper				11				
Lead	120	25	130	15	5.2 U	4.2 U	5.4 U	5.1 U
Mercury				0.097 U				
Nickel				12				
Zinc				23				

Table B.2-1
Area 7 - Waste Drainage Pit (Old Salt Lake) Soil Metals Results

Area	7	7	7	7	7	7	7	7
Sample ID	7-B-504-S-5	7-B-504-S-6	7-B-504-S-7	7-B-504-S-9	7-B-6,S-1	7-B-6,S-3	7-B-6,S-5	7-B-6,S-6
Date Sampled	7/17/92	7/17/92	7/17/92	7/17/92	4/28/87	4/28/87	4/28/87	4/28/87
Depth	20 to 21.5	25 to 26.5	32.5 to 34	40 to 41.5	3.5 to 5	8.5 to 10	13.5 to 15	16 to 17.5
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg dry)								
Antimony								
Arsenic								
Cadmium								
Chromium								
Copper								
Lead	5.5 U	5.3 U	5.2 U	5.4 U	140	28	71	130
Mercury								
Nickel								
Zinc								

Table B.2-1
Area 7 - Waste Drainage Pit (Old Salt Lake) Soil Metals Results

Area	7	7	7	7	7	7	7	7
Sample ID	7-B-7,S-4-DAVG	7-HA-501-S-1-DAVG	7-HA-501-S-2-DAVG	7-HA-502-S-2-DAVG	7-HA-502-S-3	7-HA-503-S-1	7-HA-503-S-2	7-HA-504-S-1
Date Sampled	4/29/87	6/29/92	6/29/92	7/1/92	7/1/92	6/29/92	6/29/92	6/29/92
Depth	11 to 12.5	0 to 1	1 to 2	1 to 2	2 to 3	0 to 1	1 to 2	0 to 1
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg dry)								
Antimony								
Arsenic								
Cadmium								
Chromium								
Copper								
Lead	230	1800	650	48	32	39	5.8	130
Mercury								
Nickel								
Zinc								

Table B.2-1
Area 7 - Waste Drainage Pit (Old Salt Lake) Soil Metals Results

Area	7	7	7	7	7	7	7	7
Sample ID	7-HA-504-S-2	7-TP-501-S-1	7-TP-501-S-2	7-TP-501-S-3	7-TP-502-S-1	7-TP-502-S-2	7-TP-502-S-3	7-TP-503-S-1
Date Sampled	6/29/92	3/5/92	3/5/92	3/5/92	3/5/92	3/5/92	3/5/92	3/5/92
Depth	1 to 2	0 to 1	3 to 6	8 to 10	0 to 1	3 to 6	8 to 10	0 to 1
TCLP Metals (mg/L)								
Lead		0.52						
Total Metals (mg/kg dry)								
Antimony								
Arsenic		3.3		2.8 J	11			
Cadmium		0.017		0.011 U	0.22			
Chromium		1		0.88	16			
Copper		2.2		0.96	21			
Lead	36	3300	73	39	320	18	16	25
Mercury		0.62		0.09 U	0.077 U			
Nickel		0.55 U		0.58 U	18			
Zinc		1.3		0.97	49			

Table B.2-1
Area 7 - Waste Drainage Pit (Old Salt Lake) Soil Metals Results

Area	7	7	7	7	7	7	7	7
Sample ID	7-TP-503-S-2	7-TP-503-S-3	7-TP-504-S-1	7-TP-504-S-2	7-TP-504-S-3	7-SS-401	7-SS-402	7-SS-501
Date Sampled	3/5/92	3/5/92	3/5/92	3/5/92	3/5/92	11/1/93	11/1/93	2/13/92
Depth	3 to 6	8 to 10	0 to 1	3 to 6	8 to 10	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Lead								0.13
Total Metals (mg/kg dry)								
Antimony								
Arsenic						1.7	7.2	
Cadmium								
Chromium								
Copper								
Lead	66	41	65	12	6.5			840
Mercury								
Nickel								
Zinc								

Table B.2-1
Area 7 - Waste Drainage Pit (Old Salt Lake) Soil Metals Results

Area	7	7	7	7	7	7	7	7	7
Sample ID	7-SS-502	7-SS-503	7-SS-504	7-SS-505	7-SS-506	7-VS-1	7-VS-2	7-VS-3	7-VS-4
Date Sampled	2/13/92	2/13/92	2/13/92	2/13/92	2/13/92	9/16/99	9/16/99	9/16/99	9/16/99
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)									
Lead									
Total Metals (mg/kg dry)									
Antimony									
Arsenic			22	12		7.6	2.5	3.6	3.3
Cadmium			0.19	0.16					
Chromium			14	6.8					
Copper			29	37					
Lead	92	100	490	590	14	88	110	61	66
Mercury			0.099	2.1					
Nickel			14	9.7					
Zinc			37	29					

Table B.2-1
Area 7 - Waste Drainage Pit (Old Salt Lake) Soil Metals Results

Area	7	7	7	7	7
Sample ID	**7-VS-5**	**7-VS-6**	**7-VS-7**	**7-VS-8**	**7-VS-20**
Date Sampled	**9/16/99**	**9/16/99**	**9/16/99**	**9/16/99**	**1/25/00**
Depth	**1 to 2.5**	**1 to 2.5**	**1 to 2.5**	**1 to 2.5**	**9.5 to 17.5**
TCLP Metals (mg/L)					
Lead					
Total Metals (mg/kg dry)					
Antimony					
Arsenic	2.6	2 U	2.1 U	2.1 U	3.2
Cadmium					
Chromium					
Copper					
Lead	120	30	36	48	510
Mercury					
Nickel					
Zinc					

Table B.2-2
Area 7 - Waste Drainage Pit (Old Salt Lake) Soil Explosives Results

Area	7	7	7	7	7	7	7	7
Sample ID	**7-B-501-S-2-DAVG**	**7-B-501-S-3-DAVG**	**7-B-501-S-4-DAVG**	**7-B-501-S-5**	**7-B-501-S-6**	**7-B-502-S-3**	**7-B-502-S-5**	**7-B-503-S-11**
Date Sampled	**2/27/92**	**2/27/92**	**2/28/92**	**2/28/92**	**2/28/92**	**2/28/92**	**2/28/92**	**7/21/92**
Depth	**5 to 8**	**10 to 13**	**15 to 18**	**20 to 23**	**25 to 28.5**	**10 to 13**	**20 to 23**	**50 to 51.5**
Explosives (mg/kg dry)								
1,3,5-Trinitrobenzene	0.033 U		0.033 U		0.033 U			0.033 U
1,3-Dinitrobenzene	0.044 U		0.044 U		0.044 U			0.044 U
2,4,6-Trinitrotoluene	0.0033 U		0.0033 U		0.0033 U			0.0033 U
2,4-Dinitrotoluene	0.0066 U	0.18 U	0.0067 U	0.19 U	0.0066 U	0.19 U	0.18 U	0.0066 U
2,6-Dinitrotoluene	0.0066 U	0.18 U	0.0067 U	0.19 U	0.0066 U	0.19 U	0.18 U	0.0066 U
Monomethylamine Nitrate	5.5 U		5.6 U		5.5 U			
Nitrobenzene	0.066 U	0.18 U	0.066 U	0.19 U	0.065 U	0.19 U	0.18 U	0.066 U
Total DNT	0.0132 U	0.36 U	0.0134 U	0.38 U	0.0132 U	0.38 U	0.36 U	0.0132 U

Table B.2-2
Area 7 - Waste Drainage Pit (Old Salt Lake) Soil Explosives Results

Area	7	7	7	7	7	7	7	7
Sample ID	**7-B-503-S-11B**	**7-B-503-S-15A**	**7-B-503-S-16**	**7-B-503-S-1C-DAVG**	**7-B-503-S-2-DAVG**	**7-B-503-S-2A**	**7-B-503-S-5A**	**7-B-503-S-6**
Date Sampled	**7/21/92**	**7/21/92**	**7/21/92**	**7/20/92**	**7/20/92**	**7/20/92**	**7/20/92**	**7/20/92**
Depth	**53 to 54.5**	**72.5 to 74**	**75 to 76.5**	**2.5 to 4**	**5 to 6.5**	**7.5 to 8**	**22.5 to 24**	**25 to 26.5**
Explosives (mg/kg dry)								
1,3,5-Trinitrobenzene		0.033 U				0.055 U	0.034 U	
1,3-Dinitrobenzene		0.043 U				0.074 U	0.045 U	
2,4,6-Trinitrotoluene		0.0033 U				0.0055 U	0.0034 U	
2,4-Dinitrotoluene		0.0065 U		0.37 U		0.011 U	0.0067 U	
2,6-Dinitrotoluene		0.0065 U		0.37 U		0.011 U	0.0067 U	
Monomethylamine Nitrate	5.5 U		5.6 U		5.6 U			5.6 U
Nitrobenzene		0.065 U		0.37 U		0.11 U	0.067 U	
Total DNT		0.013 U		0.74 U		0.022 U	0.0134 U	

Table B.2-2
Area 7 - Waste Drainage Pit (Old Salt Lake) Soil Explosives Results

Area	7	7	7	7
Sample ID	**7-TP-501-S-2-DAVG**	**7-TP-502-S-2**	**7-TP-503-S-2**	**7-TP-504-S-2**
Date Sampled	**3/5/92**	**3/5/92**	**3/5/92**	**3/5/92**
Depth	**3 to 6**	**3 to 6**	**3 to 6**	**3 to 6**
Explosives (mg/kg dry)				
1,3,5-Trinitrobenzene	0.034 U	0.032 U	0.035 U	0.033 U
1,3-Dinitrobenzene	0.045 U	0.042 U	0.047 U	0.044 U
2,4,6-Trinitrotoluene	0.0034 U	0.0032 U	0.0035 U	0.0033 U
2,4-Dinitrotoluene	0.0068 U	0.0063 U	0.0071 U	0.0065 U
2,6-Dinitrotoluene	0.0068 U	0.0063 U	0.0071 U	0.0065 U
Monomethylamine Nitrate	5.6 U	5.3 U	5.9 U	5.5 U
Nitrobenzene	0.067 U	0.063 U	0.07 U	0.065 U
Total DNT	0.0136 U	0.0126 U	0.0142 U	0.013 U

Table B.2-3
Area 7 - Waste Drainage Pit (Old Salt Lake) Soil SVOC Results

Area	7	7	7	7	7
Sample ID	7-B-501-S-3-DAVG	7-B-501-S-5	7-B-502-S-3	7-B-502-S-5	7-B-503-S-1C-DAVG
Date Sampled	2/27/92	2/28/92	2/28/92	2/28/92	7/20/92
Depth	10 to 13	20 to 23	10 to 13	20 to 23	2.5 to 4
Semivolatiles (mg/kg dry)					
1,2,4-Trichlorobenzene	0.18 U	0.19 U	0.19 U	0.18 U	0.37 U
1,2-Dichlorobenzene	0.18 U	0.19 U	0.19 U	0.18 U	0.37 U
1,3-Dichlorobenzene	0.18 U	0.19 U	0.19 U	0.18 U	0.37 U
1,4-Dichlorobenzene	0.18 U	0.19 U	0.19 U	0.18 U	0.37 U
2,4,5-Trichlorophenol	0.93 U	0.97 U	0.96 U	0.92 U	1.8 U
2,4,6-Trichlorophenol	0.18 U	0.19 U	0.19 U	0.18 U	0.37 U
2,4-Dichlorophenol	0.18 U	0.19 U	0.19 U	0.18 U	0.37 U
2,4-Dimethylphenol	0.18 U	0.19 U	0.19 U	0.18 U	0.37 U
2,4-Dinitrophenol	0.93 U	0.97 U	0.96 U	0.92 U	1.8 U
2-Chloronaphthalene	0.18 U	0.19 U	0.19 U	0.18 U	0.37 U
2-Chlorophenol	0.18 U	0.19 U	0.19 U	0.18 U	0.37 U
2-Methylphenol	0.18 U	0.19 U	0.19 U	0.18 U	0.37 U
2-Nitroaniline	0.93 U	0.97 U	0.96 U	0.92 U	1.8 U
2-Nitrophenol	0.18 U	0.19 U	0.19 U	0.18 U	0.37 U
3,3'-Dichlorobenzidine	0.37 U	0.39 U	0.38 U	0.37 U	0.74 U
3-Nitroaniline	0.93 U	0.97 U	0.96 U	0.92 U	1.8 U
4,6-Dinitro-2-Methylphenol	0.93 U	0.97 U	0.96 U	0.92 U	1.8 U
4-Bromophenyl Phenyl Ether	0.18 U	0.19 U	0.19 U	0.18 U	0.37 U
4-Chloroaniline	0.18 U	0.19 U	0.19 U	0.18 U	0.37 U
4-Chlorophenyl-Phenylether	0.18 U	0.19 U	0.19 U	0.18 U	0.37 U
4-Methylphenol	0.18 U	0.19 U	0.19 U	0.18 U	0.37 U
4-Nitroaniline	0.93 U	0.97 U	0.96 U	0.92 U	1.8 U
4-Nitrophenol	0.93 U	0.97 U	0.96 U	0.92 U	1.8 U
Aniline	0.18 U	0.19 U	0.19 U	0.18 U	0.37 U
Benzidine	1.8 U	1.9 U	1.9 U	1.8 U	3.7 U
Benzoic Acid	0.93 U	0.97 U	0.96 U	0.92 U	1.8 U
Benzyl Alcohol	0.18 U	0.19 U	0.19 U	0.18 U	0.37 U
Bis(2-Chloroethoxy) Methane	0.18 U	0.19 U	0.19 U	0.18 U	0.37 U
Bis(2-Chloroethyl) Ether	0.18 U	0.19 U	0.19 U	0.18 U	0.37 U
Bis(2-Chloroisopropyl) Ether	0.18 U	0.19 U	0.19 U	0.18 U	0.37 U
Bis(2-Ethylhexyl)Phthalate	0.037 J	0.19 U	0.19 U	0.18 U	0.37 U
Butylbenzylphthalate	0.18 U	0.19 U	0.19 U	0.18 U	0.37 U
Di-N-Butylphthalate	0.18 U	0.19 U	0.19 U	0.18 U	0.37 U
Di-N-Octylphthalate	0.063 J	0.11 J	0.091 J	0.14 J	0.37 U
Dibenzofuran	0.18 U	0.19 U	0.19 U	0.18 U	0.37 U
Diethylphthalate	0.18 U	0.19 U	0.19 U	0.18 U	2.7
Dimethylphthalate	0.18 U	0.19 U	0.19 U	0.18 U	0.37 U
Hexachlorobenzene	0.18 U	0.19 U	0.19 U	0.18 U	0.37 U
Hexachlorobutadiene	0.18 U	0.19 U	0.19 U	0.18 U	0.37 U
Hexachlorocyclopentadiene	0.18 U	0.19 U	0.19 U	0.18 U	0.37 U
Hexachloroethane	0.18 U	0.19 U	0.19 U	0.18 U	0.37 U
Isophorone	0.18 U	0.19 U	0.19 U	0.18 U	0.37 U
N-Nitroso-Di-Phenylamine	0.18 U	0.19 U	0.19 U	0.18 U	0.37 U
N-Nitroso-Di-Propylamine	0.18 U	0.19 U	0.19 U	0.18 U	0.37 U
N-Nitroso-Dimethylamine	0.18 U	0.19 U	0.19 U	0.18 U	0.37 U
Pentachlorophenol	0.18 U	0.19 U	0.19 U	0.18 U	0.37 U
Phenol	0.18 U	0.19 U	0.19 U	0.18 U	0.37 U

Table B.2-4
Area 7 - Waste Drainage Pit (Old Salt Lake) Soil PAH Results

Area	7	7	7	7	7	7	7	7
Sample ID	7-B-501-S-2-DAVG	7-B-501-S-3-DAVG	7-B-501-S-4-DAVG	7-B-501-S-5	7-B-501-S-6	7-B-502-S-2	7-B-502-S-3	7-B-502-S-4
Date Sampled	2/27/92	2/27/92	2/28/92	2/28/92	2/28/92	2/28/92	2/28/92	2/28/92
Depth	5 to 8	10 to 13	15 to 18	20 to 23	25 to 28.5	5 to 8	10 to 13	15 to 18
PAHs (mg/kg dry)								
Benzo(a)Anthracene	0.018 U	0.18 U	0.019 U	0.19 U	0.018 U	0.021 U	0.19 U	0.019 U
Benzo(a)Pyrene	0.018 U	0.18 U	0.019 U	0.19 U	0.018 U	0.021 U	0.19 U	0.019 U
Benzo(b)Fluoranthene	0.018 U	0.18 U	0.019 U	0.19 U	0.018 U	0.021 U	0.19 U	0.019 U
Benzo(k)Fluoranthene	0.018 U	0.18 U	0.019 U	0.19 U	0.018 U	0.021 U	0.19 U	0.019 U
Chrysene	0.018 U	0.18 U	0.019 U	0.19 U	0.018 U	0.021 U	0.19 U	0.019 U
Dibenzo(a,h)Anthracene	0.038 U	0.18 U	0.038 U	0.19 U	0.037 U	0.042 U	0.19 U	0.04 U
Indeno(1,2,3-c,d)Pyrene	0.018 U	0.18 U	0.019 U	0.19 U	0.018 U	0.021 U	0.19 U	0.019 U
2-Methylnaphthalene		0.18 U		0.19 U			0.19 U	
Acenaphthene	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.21 U	0.19 U	0.19 U
Acenaphthylene	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.21 U	0.19 U	0.19 U
Anthracene	0.0092 U	0.18 U	0.0093 U	0.19 U	0.0091 U	0.01 U	0.19 U	0.0097 U
Benzo(g,h,i)Perylene	0.018 U	0.18 U	0.019 U	0.19 U	0.018 U	0.021 U	0.19 U	0.019 U
Fluoranthene	0.018 U	0.18 U	0.019 U	0.19 U	0.018 U	0.021 U	0.19 U	0.019 U
Fluorene	0.018 U	0.18 U	0.019 U	0.19 U	0.018 U	0.021 U	0.19 U	0.019 U
Naphthalene	0.092 U	0.18 U	0.093 U	0.19 U	0.091 U	0.1 U	0.19 U	0.097 U
Phenanthrene	0.0092 U	0.18 U	0.0093 U	0.19 U	0.0091 U	0.01 U	0.19 U	0.0097 U
Pyrene	0.018 U	0.18 U	0.019 U	0.19 U	0.018 U	0.021 U	0.19 U	0.019 U
PAH (Non-Carc) - Total	0.5424 U	1.8 U	0.5676 U	1.9 U	0.5412 U	0.624 U	1.9 U	0.5724 U
Total Carcinogenic PAHS (BaP TEQs)	0.061598 U	0.41598 U	0.062909 U	0.4391 U	0.0606 U	0.0695 U	0.4391 U	0.0649 U

Table B.2-4
Area 7 - Waste Drainage Pit (Old Salt Lake) Soil PAH Results

Area	7	7	7	7	7	7	7	7
Sample ID	7-B-502-S-5	7-B-502-S-6	7-B-503-S-1	7-B-503-S-1C-DAVG	7-B-503-S-6	7-B-504-S-1-DAVG	7-B-504-S-2	7-B-504-S-4A
Date Sampled	2/28/92	2/28/92	7/20/92	7/20/92	7/20/92	7/17/92	7/17/92	7/17/92
Depth	20 to 23	25 to 28	0 to 1	2.5 to 4	25 to 26.5	0 to 1	5 to 6.5	17.5 to 19
PAHs (mg/kg dry)								
Benzo(a)Anthracene	0.18 U	0.018 U	0.18 U	0.37 U	0.019 U	0.018 U	0.017 U	0.018 U
Benzo(a)Pyrene	0.18 U	0.018 U	0.71	0.37 U	0.019 U	0.074	0.017 U	0.018 U
Benzo(b)Fluoranthene	0.18 U	0.018 U	0.56	0.37 U	0.019 U	0.064	0.017 U	0.018 U
Benzo(k)Fluoranthene	0.18 U	0.018 U	0.18 U	0.37 U	0.019 U	0.027	0.017 U	0.018 U
Chrysene	0.18 U	0.018 U	0.18 U	0.37 U	0.019 U	0.13	0.023	0.018 U
Dibenzo(a,h)Anthracene	0.18 U	0.038 U	0.37 U	0.37 U	0.038 U	0.037 U	0.036 U	0.037 U
Indeno(1,2,3-c,d)Pyrene	0.18 U	0.018 U	0.18 U	0.37 U	0.019 U	0.018 U	0.017 U	0.018 U
2-Methylnaphthalene	0.18 U			0.37 U				
Acenaphthene	0.18 U	0.18 U	1.8 U	0.37 U	0.19 U	0.18 U	0.17 U	0.18 U
Acenaphthylene	0.18 U	0.18 U	1.8 U	0.37 U	0.19 U	0.18 U	0.17 U	0.18 U
Anthracene	0.18 U	0.0092 U	0.091 U	0.37 U	0.0093 U	0.0089	0.0087 U	0.009 U
Benzo(g,h,i)Perylene	0.18 U	0.018 U	4.1	0.37 U	0.019 U	0.15	0.017 U	0.018 U
Fluoranthene	0.18 U	0.018 U	0.18 U	0.37 U	0.019 U	0.087	0.017 U	0.018 U
Fluorene	0.18 U	0.018 U	0.18 U	0.37 U	0.019 U	0.018 U	0.017 U	0.018 U
Naphthalene	0.18 U	0.092 U	0.91 U	0.37 U	0.093 U	0.089 U	0.087 U	0.09 U
Phenanthrene	0.18 U	0.0092 U	0.091 U	0.37 U	0.0093 U	0.032	0.0087 U	0.009 U
Pyrene	0.18 U	0.018 U	0.18 U	0.37 U	0.019 U	0.071	0.017 U	0.018 U
PAH (Non-Carc) - Total	1.8 U	0.5424 U	6.716	3.7 U	0.5676 U	0.5824	0.5124 U	0.54 U
Total Carcinogenic PAHS (BaP	0.416 U	0.0616 U	0.97	0.85507 U	0.0629 U	0.1011	0.0292	0.0606 U

Table B.2-4
Area 7 - Waste Drainage Pit (Old Salt Lake) Soil PAH Results

Area	7	7	7
Sample ID	7-B-504-S-6	7-HA-501-S-1-DAVG	7-HA-504-S-1
Date Sampled	7/17/92	6/29/92	6/29/92
Depth	25 to 26.5	0 to 1	0 to 1
PAHs (mg/kg dry)			
Benzo(a)Anthracene	0.018 U	0.37 U	0.021 U
Benzo(a)Pyrene	0.018 U	1.1	0.021 U
Benzo(b)Fluoranthene	0.018 U	0.79	0.021 U
Benzo(k)Fluoranthene	0.018 U	0.37 U	0.021 U
Chrysene	0.018 U	0.7	0.098
Dibenzo(a,h)Anthracene	0.036 U	0.77 U	0.043 U
Indeno(1,2,3-c,d)Pyrene	0.018 U	0.37 U	0.021 U
2-Methylnaphthalene			
Acenaphthene	0.18 U	3.7 U	0.21 U
Acenaphthylene	0.18 U	3.7 U	0.21 U
Anthracene	0.0089 U	0.19 U	0.01 U
Benzo(g,h,i)Perylene	0.018 U	4.9	0.081
Fluoranthene	0.018 U	0.37 U	0.021 U
Fluorene	0.018 U	0.37 U	0.021 U
Naphthalene	0.089 U	1.9 U	0.1 U
Phenanthrene	0.0089 U	0.19 U	0.01 U
Pyrene	0.018 U	0.37 U	0.021 U
PAH (Non-Carc) - Total	0.5388 U	10.295	0.3825
Total Carcinogenic PAHS (BaP TEQs)	0.0596 U	1.60355	0.0354

Table B.2-5
Area 7 - Waste Drainage Pit (Old Salt Lake) Soil Pesticide and PCB Results

Area	7
Sample ID	7-B-1,S-1
Date Sampled	12/1/86
Depth	2.5 to 4
Pesticides (mg/kg dry)	
4,4'-DDD	4.78 U
4,4'-DDE	4.78 U
4,4'-DDT	4.78 U
Aldrin	2.39 U
Alpha-BHC	2.39 U
Beta-BHC	239 U
Chlordane	23.9 U
Delta-BHC	2.39 U
Dieldrin	4.78 U
Endosulfan I	2.39 U
Endosulfan II	4.78 U
Endosulfan Sulfate	4.78 U
Endrin	0.848 J
Endrin Ketone	4.78 U
Gamma-BHC	2.39 U
Heptachlor	2.39 U
Heptachlor Epoxide	2.39 U
Methoxychlor	23.9 U
Toxaphene	47.8 U
PCBs (mg/kg dry)	
PCB-1016	0.0239 U
PCB-1221	0.0239 U
PCB-1232	0.0239 U
PCB-1242	0.0239 U
PCB-1248	0.0239 U
PCB-1254	0.0478 U
PCB-1260	0.0478 U

Table B.2-6
Area 7 - Waste Drainage Pit (Old Salt Lake) Soil TPH Results

Area	7	7	7	7	7	7	7	7
Sample ID	7-B-1,S-1	7-B-3,S-1	7-B-3,S-3	7-B-3,S-5	7-B-3,S-6	7-B-4,S-1-DAVG	7-B-4,S-11	7-B-4,S-3
Date Sampled	12/1/86	4/28/87	4/28/87	4/28/87	4/28/87	4/29/87	4/29/87	4/29/87
Depth	2.5 to 4	3.5 to 5	8.5 to 10	13.5 to 15	16.5 to 18	3.5 to 5	28.5 to 30	8.5 to 10
TPH (mg/kg dry)								
TPH Scan								
Oil And Grease	27 U	20 UX	20 UX	20 UX	20 UX	20 UX	39 X	140 X

Area	7	7	7	7	7	7	7	7
Sample ID	7-B-4,S-5	7-B-4,S-6	7-B-4,S-9	7-B-5,S-1-DAVG	7-B-5,S-3	7-B-5,S-5	7-B-5,S-7	7-B-6,S-1
Date Sampled	4/29/87	4/29/87	4/29/87	4/28/87	4/28/87	4/28/87	4/28/87	4/28/87
Depth	13.5 to 15	16 to 17.5	23.5 to 25	3 to 4.5	8 to 9.5	13 to 14.5	18 to 19.5	3.5 to 5
TPH (mg/kg dry)								
TPH Scan								
Oil And Grease	26 X	37 X	32 X	560 X	20 UX	20 UX	44 X	630 X

Area	7	7	7	7	7	7	7	7
Sample ID	7-B-6,S-3	7-B-6,S-5	7-B-6,S-6	7-B-7,S-4-DAVG	7-B-501-S-2-DAVG	7-B-501-S-4-DAVG	7-B-501-S-6	7-B-502-S-2
Date Sampled	4/28/87	4/28/87	4/28/87	4/29/87	2/27/92	2/28/92	2/28/92	2/28/92
Depth	8.5 to 10	13.5 to 15	16 to 17.5	11 to 12.5	5 to 8	15 to 18	25 to 28.5	5 to 8
TPH (mg/kg dry)								
TPH Scan					34 J	20 U	20 U	240 J
Oil And Grease	20 UX	20 UX	20 UX	45 X				

Table B.2-6
Area 7 - Waste Drainage Pit (Old Salt Lake) Soil TPH Results

Area	7	7	7	7	7	7	7	7
Sample ID	7-B-502-S-4	7-B-502-S-6	7-B-503-S-1	7-B-503-S-6	7-B-504-S-1-DAVG	7-B-504-S-2	7-B-504-S-4A	7-B-504-S-6
Date Sampled	2/28/92	2/28/92	7/20/92	7/20/92	7/17/92	7/17/92	7/17/92	7/17/92
Depth	15 to 18	25 to 28	0 to 1	25 to 26.5	0 to 1	5 to 6.5	17.5 to 19	25 to 26.5
TPH (mg/kg dry)								
TPH Scan	20 U	20 U	4400	22 U	100	21 U	21 U	21 U
Oil And Grease								

Area	7	7	7	7	7	7	7	7
Sample ID	7-HA-501-S-1-DAVG	7-HA-501-S-2	7-HA-502-S-2-DAVG	7-HA-502-S-3	7-HA-504-S-1	7-HA-504-S-2	7-TP-501-S-1	7-TP-501-S-2 -DAVG
Date Sampled	6/29/92	6/29/92	7/1/92	7/1/92	6/29/92	6/29/92	3/5/92	3/5/92
Depth	0 to 1	1 to 2	1 to 2	2 to 3	0 to 1	1 to 2	0 to 1	3 to 6
TPH (mg/kg dry)								
TPH Scan	7600	1800	73	34	100	22 U	880	63
Oil And Grease								

Area	7	7	7	7	7	7	7	7
Sample ID	7-TP-501-S-3	7-TP-502-S-1	7-TP-502-S-2	7-TP-502-S-3	7-TP-503-S-1	7-TP-503-S-2	7-TP-503-S-3	7-TP-504-S-1
Date Sampled	3/5/92	3/5/92	3/5/92	3/5/92	3/5/92	3/5/92	3/5/92	3/5/92
Depth	8 to 10	0 to 1	3 to 6	8 to 10	0 to 1	3 to 6	8 to 10	0 to 1
TPH (mg/kg dry)								
TPH Scan	20 U	20 U	20 U	20 U	24	30	20 U	20 U
Oil And Grease								

Table B.2-6
Area 7 - Waste Drainage Pit (Old Salt Lake) Soil TPH Results

Area	7	7	7	7	7	7	7	7
Sample ID	7-TP-504-S-2	7-TP-504-S-3	7-SS-501	7-SS-502	7-SS-503	7-SS-504	7-SS-505	7-SS-506
Date Sampled	3/5/92	3/5/92	2/13/92	2/13/92	2/13/92	2/13/92	2/13/92	2/13/92
Depth	3 to 6	8 to 10	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TPH (mg/kg dry)								
TPH Scan	20 U	20 U	2400	20 U	20 U	20 U	10000	20 U
Oil And Grease								

Table B.3-1
Area 10 - Aluminum Water Gel Area Soil Metals Results

Area	10	10	10	10
Sample ID	10-TP-501-S-3	10-TP-503-S-2	10-TP-503-S-3	10-SS-401
Date Sampled	2/24/92	2/24/92	2/24/92	11/8/93
Depth	4 to 6	0 to 3	5 to 7	0 to 0.5
Total Metals (mg/kg dry)				
Aluminum	14000	11000	7500	
Antimony	0.26 UJ	0.27 UJ	0.26 UJ	
Arsenic	3	2.1	1.7	48 J
Beryllium	0.21	0.16	0.13	
Cadmium	0.066	0.044	0.044	
Chromium	17	12	8.7	
Copper	17	13	9.9	
Lead	5.4 U	5.1 U	5.4 U	
Mercury	0.085 U	0.086 U	0.072 U	
Nickel	21	18	14	
Selenium	0.26 U	0.27 U	0.27 U	
Silver	0.02 UJ	0.016 UJ	0.013 UJ	
Thallium	0.26 U	0.27 U	0.27 U	
Zinc	26	22	21	

Table B.3-2
Area 10 - Aluminum Water Gel Area Soil Explosives Results

Area	10	10	10	10
Sample ID	10-TP-501-S-3	10-TP-503-S-2	10-TP-503-S-3	10-VS-1-DAVG
Date Sampled	2/24/92	2/24/92	2/24/92	3/8/93
Depth	4 to 6	0 to 3	5 to 7	3 to 3.5
Explosives (mg/kg dry)				
1,3,5-Trinitrobenzene	0.033 U	0.032 U	0.033 U	0.031 U
1,3-Dinitrobenzene	0.044 U	0.042 U	0.044 U	0.041 U
2,4,6-Trinitrotoluene	0.004	0.013	0.21	0.027
2,4-Dinitrotoluene	0.0065 U	0.0063 U	0.0066 U	0.0062 U
2,6-Dinitrotoluene	0.0065 U	0.0063 U	0.0066 U	0.0062 U
Monomethylamine Nitrate	5.5 U	5.3 U	5.6 U	
Nitrobenzene	0.065 U	0.063 U	0.066 U	0.062 U
Nitroglycerine	0.22 U	0.21 U	0.22 U	

Area	10	10	10	10
Sample ID	10-VS-2	10-VS-2a	10-VS-4	02-IN01-SS[10-VS-6]D2-5.0
Date Sampled	3/8/93	1/25/00	3/8/93	8/1/01
Depth	3 to 3.5	0 to 0.5	0 to 0.5	2 to 2.5
Explosives (mg/kg dry)				
1,3,5-Trinitrobenzene	0.034 U		0.082 U	
1,3-Dinitrobenzene	0.045 U		0.11 U	
2,4,6-Trinitrotoluene	0.031	0.059 U	0.13	1
2,4-Dinitrotoluene	0.0067 U		0.016 U	0.046 U
2,6-Dinitrotoluene	0.0067 U		0.016 U	0.046 U
Monomethylamine Nitrate				
Nitrobenzene	0.067 U		0.16 U	
Nitroglycerine				

Area	10	10	10	10
Sample ID	02-IN01-SS[10-VS-8]D2-5.0	02-IN01-SS[10-VS-9]D2-5.0	03-IN01-SS[10-VS-11]-C2-100	03-IN01-SS[10-VS-12]-C2-050
Date Sampled	8/1/01	8/1/01	9/4/01	9/4/01
Depth	2 to 2.5	2 to 2.5	6 to 6.5	3 to 6
Explosives (mg/kg dry)				
1,3,5-Trinitrobenzene				
1,3-Dinitrobenzene				
2,4,6-Trinitrotoluene	0.073 J	0.13	0.2	0.048 U
2,4-Dinitrotoluene	0.044 U	0.044 U	0.047 U	0.048 U
2,6-Dinitrotoluene	0.044 U	0.044 U	0.047 U	0.048 U
Monomethylamine Nitrate				
Nitrobenzene				
Nitroglycerine				

Table B.3-3
Area 10 - Aluminum Water Gel Area Soil PAH and SVOC Results

Area	10	10	10	10
Sample ID	10-TP-501-S-2	10-TP-501-S-3	10-TP-503-S-2	10-TP-503-S-3
Date Sampled	2/24/92	2/24/92	2/24/92	2/24/92
Depth	0 to 3	4 to 6	0 to 3	5 to 7
PAHs (mg/kg dry)				
Benzo(a)Anthracene		0.18 U	0.18 U	0.17 U
Benzo(a)Pyrene		0.18 U	0.18 U	0.17 U
Benzo(b)Fluoranthene		0.18 U	0.18 U	0.17 U
Benzo(k)Fluoranthene		0.18 U	0.18 U	0.17 U
Chrysene	0.17 U	0.18 U	0.18 U	0.17 U
Dibenzo(a,h)Anthracene	0.17 U	0.18 U	0.18 U	0.17 U
Indeno(1,2,3-c,d)Pyrene	0.17 U	0.18 U	0.18 U	0.17 U
2-Methylnaphthalene	0.17 U	0.18 U	0.18 U	0.17 U
Acenaphthene	0.17 U	0.18 U	0.18 U	0.17 U
Acenaphthylene	0.17 U	0.18 U	0.18 U	0.17 U
Anthracene	0.17 U	0.18 U	0.18 U	0.17 U
Benzo(g,h,i)Perylene	0.17 U	0.18 U	0.18 U	0.17 U
Fluoranthene	0.17 U	0.18 U	0.18 U	0.17 U
Fluorene	0.17 U	0.18 U	0.18 U	0.17 U
Naphthalene	0.17 U	0.18 U	0.18 U	0.17 U
Phenanthrene	0.17 U	0.18 U	0.18 U	0.17 U
Pyrene	0.17 U	0.18 U	0.18 U	0.17 U
Semivolatiles (mg/kg dry)				
1,2,4-Trichlorobenzene	0.17 U	0.18 U	0.18 U	0.17 U
1,2-Dichlorobenzene	0.17 U	0.18 U	0.18 U	0.17 U
1,3-Dichlorobenzene	0.17 U	0.18 U	0.18 U	0.17 U
1,4-Dichlorobenzene	0.17 U	0.18 U	0.18 U	0.17 U
2,4,5-Trichlorophenol	0.89 U	0.92 U	0.9 U	0.88 U
2,4,6-Trichlorophenol	0.17 U	0.18 U	0.18 U	0.17 U
2,4-Dichlorophenol	0.17 U	0.18 U	0.18 U	0.17 U
2,4-Dimethylphenol	0.17 U	0.18 U	0.18 U	0.17 U
2,4-Dinitrophenol	0.89 U	0.92 U	0.9 U	0.88 U
2-Chloronaphthalene	0.17 U	0.18 U	0.18 U	0.17 U
2-Chlorophenol	0.17 U	0.18 U	0.18 U	0.17 U
2-Methylphenol	0.17 U	0.18 U	0.18 U	0.17 U
2-Nitroaniline	0.89 U	0.92 U	0.9 U	0.88 U
2-Nitrophenol	0.17 U	0.18 U	0.18 U	0.17 U
3,3'-Dichlorobenzidine	0.35 U	0.37 U	0.36 U	0.35 U
3-Nitroaniline	0.89 U	0.92 U	0.9 U	0.88 U
4,6-Dinitro-o-Cresol	0.89 U	0.92 U	0.9 U	0.88 U
4-Bromophenyl Phenyl Ether	0.17 U	0.18 U	0.18 U	0.17 U
4-Chloroaniline	0.17 U	0.18 U	0.18 U	0.17 U
4-Chlorophenyl-Phenylether	0.17 U	0.18 U	0.18 U	0.17 U
4-Methylphenol	0.17 U	0.18 U	0.18 U	0.17 U
4-Nitroaniline	0.89 U	0.92 U	0.9 U	0.88 U
4-Nitrophenol	0.89 U	0.92 U	0.9 U	0.88 U
Aniline	0.17 U	0.18 U	0.18 U	0.17 U
Benzidine	1.7 U	1.8 U	1.8 U	1.7 U
Benzoic Acid	0.89 U	0.92 U	0.9 U	0.88 U
Benzyl Alcohol	0.17 U	0.18 U	0.18 U	0.17 U
Bis(2-Chloroethoxy) Methane	0.17 U	0.18 U	0.18 U	0.17 U
Bis(2-Chloroethyl) Ether	0.17 U	0.18 U	0.18 U	0.17 U
Bis(2-Chloroisopropyl) Ether	0.17 U	0.18 U	0.18 U	0.17 U
Bis(2-Ethylhexyl)Phthalate	0.17 U	0.18 U	0.18 U	0.17 U

Table B.3-3
Area 10 - Aluminum Water Gel Area Soil PAH and SVOC Results

Area	10	10	10	10
Sample ID	10-TP-501-S-2	10-TP-501-S-3	10-TP-503-S-2	10-TP-503-S-3
Date Sampled	2/24/92	2/24/92	2/24/92	2/24/92
Depth	0 to 3	4 to 6	0 to 3	5 to 7
N-Butyl-Benzyl-Phthalate	0.17 U	0.18 U	0.18 U	0.17 U
Di-N-Butylphthalate	0.17 U	0.18 U	0.18 U	0.17 U
Di-N-Octylphthalate	0.17 U	0.18 U	0.18 U	0.17 U
Dibenzofuran	0.17 U	0.18 U	0.18 U	0.17 U
Diethylphthalate	0.17 U	0.18 U	0.18 U	0.17 U
Dimethylphthalate	0.17 U	0.18 U	0.18 U	0.17 U
Hexachlorobenzene	0.17 U	0.18 U	0.18 U	0.17 U
Hexachlorobutadiene	0.17 U	0.18 U	0.18 U	0.17 U
Hexachlorocyclopentadiene	0.17 U	0.18 U	0.18 U	0.17 U
Hexachloroethane	0.17 U	0.18 U	0.18 U	0.17 U
Isophorone	0.17 U	0.18 U	0.18 U	0.17 U
N-Nitroso-Di-Phenylamine	0.17 U	0.18 U	0.18 U	0.17 U
N-Nitroso-Di-Propylamine	0.17 U	0.18 U	0.18 U	0.17 U
N-Nitroso-Dimethylamine	0.17 U	0.18 U	0.18 U	0.17 U
Pentachlorophenol	0.17 U	0.18 U	0.18 U	0.17 U
Phenol	0.17 U	0.18 U	0.18 U	0.17 U

Table B.4-1
Area 11 - Water Gel Wash-Up Waste Pit Area Soil Metals Results

Area	11	11	11	11	11	11
Sample ID	**11-B-501-S-1**	**11-B-501-S-3**	**11-TP-5,S-1**	**11-TP-5,S-2-DAVG**	**11-TP-6,S-1**	**11-TP-6,S-2**
Date Sampled	**2/21/92**	**2/21/92**	**4/28/87**	**4/28/87**	**4/28/87**	**4/28/87**
Depth	**0 to 1**	**10 to 11.5**	**0 to 3**	**3 to 6**	**0 to 3**	**3 to 6**
Total Metals (mg/kg dry)						
Aluminum	16000	12000				
Antimony	0.3 U	0.27 U				
Arsenic	9.4	2.3				
Beryllium	0.24	0.16				
Cadmium	0.37	0.26				
Chromium	17	13				
Copper	21	17				
Lead	20	5.5 U	28	27	15	13
Mercury	0.088 U	0.084 U				
Nickel	20	15				
Selenium	0.3 U	0.27 U				
Silver	0.031	0.016				
Thallium	0.3 U	0.27 U				
Zinc	71	77				

Table B.4-1
Area 11 - Water Gel Wash-Up Waste Pit Area Soil Metals Results

Area	11	11	11	11	11
Sample ID	11-TP-501-S-2	11-TP-502-S-2	11-TP-503-S-2	11-TP-504-S-2	11-TP-504-S-3
Date Sampled	2/21/92	2/21/92	2/21/92	2/21/92	2/21/92
Depth	3 to 6	3 to 6	3 to 6	3 to 6	8 to 10
Total Metals (mg/kg dry)					
Aluminum	11000	16000	14000	13000	7000
Antimony	0.27 U	0.28 U	0.27 U	0.26 U	0.26 U
Arsenic	1.6	2.8	1.7	3.3	1.4
Beryllium	0.14	0.24	0.23	0.2	0.12
Cadmium	0.034	0.05	0.04	0.046	0.03
Chromium	12	18	14	12	8.1
Copper	14	14	15	17	8.6
Lead	5.3 U	5.5 U	5.3 U	5.3 U	5.2 U
Mercury	0.094 U	0.092 U	0.09 U	0.079 U	0.091 U
Nickel	16	21	16	15	12
Selenium	0.27 U	0.28 U	0.27 U	0.26 U	0.26 U
Silver	0.021	0.028	0.019	0.012	0.01 U
Thallium	0.27 U	0.28 U	0.27 U	0.26 U	0.26 U
Zinc	25	27	26	27	13

Table B.4-2
Area 11 - Water Gel Wash-Up Waste Pit Area Soil Explosives Results

Area	11	11	11	11	11	11	11	11
Sample ID	11-B-501-S-1	11-B-501-S-2	11-B-501-S-3	11-B-501-S-4	11-B-501-S-5	11-B-501-S-6	11-TP-1,S-2	11-TP-5,S-1
Date Sampled	2/21/92	2/21/92	2/21/92	2/21/92	2/21/92	2/21/92	11/17/86	4/28/87
Depth	0 to 1	5 to 8	10 to 11.5	15 to 16.5	20 to 22.5	25 to 26.5	3 to 4	0 to 3
Explosives (mg/kg dry)								
1,3,5-Trinitrobenzene	0.036 U	0.067 U	0.033 U	0.033 U	0.034 U	0.034 U		
1,3-Dinitrobenzene	0.048 U	0.089 U	0.043 U	0.044 U	0.046 U	0.045 U		
2,4,6-Trinitrotoluene	0.21	0.237	0.048	0.056	0.013	0.0034 U		0.08 U
2,4-Dinitrotoluene	0.0073 U	0.012	0.0065 U	0.0065 U	0.0068 U	0.0067 U		0.08 J
2,6-Dinitrotoluene	0.0073 U	0.01	0.0065 U	0.0065 U	0.0068 U	0.0067 U		0.08 U
Monomethylamine Nitrate	6.1 U	5.6 U	5.4 U	5.4 U	5.7 U	5.6 U		0.03 U
Nitrobenzene	0.072 U	0.132 U	0.065 U	0.065 U	0.068 U	0.067 U		
Nitroglycerine	0.24 U	0.22 U	0.22 U	0.22 U	0.23 U	0.22 U	0.35	0.2 U
Total DNT	*0.015 U*	*0.022*	*0.013 U*	*0.013 U*	*0.014 U*	*0.013 U*		*0.12*

Table B.4-2
Area 11 - Water Gel Wash-Up Waste Pit Area Soil Explosives Results

Area	11	11	11	11	11	11	11	11
Sample ID	11-TP-5,S-2-DAVG	11-TP-501-S-1	11-TP-501-S-2	11-TP-501-S-3	11-TP-502-S-1	11-TP-502-S-2	11-TP-502-S-3	11-TP-503-S-1-DAVG
Date Sampled	4/28/87	2/21/92	2/21/92	2/21/92	2/21/92	2/21/92	2/21/92	2/21/92
Depth	3 to 6	0 to 1	3 to 6	8 to 10	0 to 1	3 to 6	8 to 10	0 to 1
Explosives (mg/kg dry)								
1,3,5-Trinitrobenzene		0.046 U	0.032 U	0.034 U	0.035 U	0.034 U	0.033 U	0.034 U
1,3-Dinitrobenzene		0.062 U	0.043 U	0.046 U	0.047 U	0.046 U	0.044 U	0.046 U
2,4,6-Trinitrotoluene	15	0.0046 U	0.0032 U	0.0034 U	0.0035 U	0.0034 U	0.011	0.18
2,4-Dinitrotoluene	0.07 J	0.0092 U	0.0065 U	0.0068 U	0.007 U	0.0068 U	0.0065 U	0.019
2,6-Dinitrotoluene	0.23 U	0.0092 U	0.0065 U	0.0068 U	0.007 U	0.0068 U	0.0065 U	0.0069 U
Monomethylamine Nitrate	2.9	7.7 UJ	5.4 UJ	5.7 U	5.9 UJ	5.7 U	5.5 UJ	5.8 UJ
Nitrobenzene		0.092 U	0.12	0.068 U	0.078	0.17	0.15	0.068 U
Nitroglycerine	0.57 U	0.31 U	0.22 U	0.23 U	0.23 U	0.23 U	0.22 U	0.23 U
Total DNT	*0.185*	*0.018 U*	*0.013 U*	*0.014 U*	*0.014 U*	*0.014 U*	*0.013 U*	*0.02245*

Table B.4-2
Area 11 - Water Gel Wash-Up Waste Pit Area Soil Explosives Results

Area	11	11	11	11	11	11	11
Sample ID	11-TP-503-S-2	11-TP-503-S-3	11-TP-504-S-1	11-TP-504-S-2	11-TP-504-S-3	11-TP-6,S-1	11-TP-6,S-2
Date Sampled	2/21/92	2/21/92	2/21/92	2/21/92	2/21/92	4/28/87	4/28/87
Depth	3 to 6	8 to 10	0 to 1	3 to 6	8 to 10	0 to 3	3 to 6
Explosives (mg/kg dry)							
1,3,5-Trinitrobenzene	0.033 U	0.032 U	0.037 U	0.032 U	0.032 U		
1,3-Dinitrobenzene	0.043 U	0.043 U	0.049 U	0.043 U	0.043 U		
2,4,6-Trinitrotoluene	0.21	0.026	0.0037 U	0.0032 U	0.0032 U	0.08	42
2,4-Dinitrotoluene	0.0065 U	0.0064 U	0.0074 U	0.0065 U	0.0064 U	0.08 U	0.09 J
2,6-Dinitrotoluene	0.0065 U	0.0064 U	0.0074 U	0.0065 U	0.0064 U	0.08 U	0.09
Monomethylamine Nitrate	5.4 U	5.4 U	6.2 U	5.4 U	5.4 U	0.03 U	1.4
Nitrobenzene	0.065 U	0.064 U	0.073 U	0.064 U	0.064 U		
Nitroglycerine	0.22 U	0.21 U	0.25 U	0.22 U	0.21 U	0.19 U	0.23 U
Total DNT	*0.013 U*	*0.0128 U*	*0.015 U*	*0.013 U*	*0.013 U*	*0.16 U*	*0.18*

Table B.4-3
Area 11 - Water Gel Wash-Up Waste Pit Area Soil PAH and SVOC Results

Area	11	11	11
Sample ID	11-B-501-S-1	11-B-501-S-3	11-B-501-S-4
Date Sampled	2/21/92	2/21/92	2/21/92
Depth	0 to 1	10 to 11.5	15 to 16.5
PAHs (mg/kg dry)			
Benzo(a)Anthracene	0.2 U	0.18 U	0.18 U
Benzo(a)Pyrene	0.2 U	0.18 U	0.18 U
Benzo(b)Fluoranthene	0.2 U	0.18 U	0.18 U
Benzo(k)Fluoranthene	0.2 U	0.18 U	0.18 U
Chrysene	0.2 U	0.18 U	0.18 U
Dibenzo(a,h)Anthracene	0.2 U	0.18 U	0.18 U
Indeno(1,2,3-c,d)Pyrene	0.2 U	0.18 U	0.18 U
2-Methylnaphthalene	0.2 U	0.18 U	0.18 U
Acenaphthene	0.2 U	0.18 U	0.18 U
Acenaphthylene	0.2 U	0.18 U	0.18 U
Anthracene	0.2 U	0.18 U	0.18 U
Benzo(g,h,i)Perylene	0.2 U	0.18 U	0.18 U
Fluoranthene	0.2 U	0.18 U	0.18 U
Fluorene	0.2 U	0.18 U	0.18 U
Naphthalene	0.2 U	0.18 U	0.18 U
Phenanthrene	0.2 U	0.18 U	0.18 U
Pyrene	0.2 U	0.18 U	0.18 U
Total Carcinogenic PAHs (BAP TEQs)	*0.4622 U*	*0.41598 U*	*0.41598 U*
Total Non-carcinogenic PAHs	*2 U*	*1.8 U*	*1.8 U*
Semivolatiles (mg/kg dry)			
1,2,4-Trichlorobenzene	0.2 U	0.18 U	0.18 U
1,2-Dichlorobenzene	0.2 U	0.18 U	0.18 U
1,3-Dichlorobenzene	0.2 U	0.18 U	0.18 U
1,4-Dichlorobenzene	0.2 U	0.18 U	0.18 U
2,4,5-Trichlorophenol	1 U	0.91 U	0.93 U
2,4,6-Trichlorophenol	0.2 U	0.18 U	0.18 U
2,4-Dichlorophenol	0.2 U	0.18 U	0.18 U
2,4-Dimethylphenol	0.2 U	0.18 U	0.18 U
2,4-Dinitrophenol	1 U	0.91 U	0.93 U
2-Chloronaphthalene	0.2 U	0.18 U	0.18 U
2-Chlorophenol	0.2 U	0.18 U	0.18 U
2-Methylphenol	0.2 U	0.18 U	0.18 U
2-Nitroaniline	1 U	0.91 U	0.93 U
2-Nitrophenol	0.2 U	0.18 U	0.18 U
3,3'-Dichlorobenzidine	0.41 U	0.37 U	0.37 U
3-Nitroaniline	1 U	0.91 U	0.93 U
4,6-Dinitro-2-Methylphenol	1 U	0.91 U	0.93 U
4-Bromophenyl Phenyl Ether	0.2 U	0.18 U	0.18 U
4-Chloroaniline	0.2 U	0.18 U	0.18 U
4-Chlorophenyl-Phenylether	0.2 U	0.18 U	0.18 U
4-Methylphenol	0.2 U	0.18 U	0.18 U
4-Nitroaniline	1 U	0.91 U	0.93 U
4-Nitrophenol	1 U	0.91 U	0.93 U
Aniline	0.2 U	0.18 U	0.18 U
Benzidine	2 U	1.8 U	1.8 U
Benzoic Acid	1 U	0.91 U	0.93 U
Benzyl Alcohol	0.2 U	0.18 U	0.18 U

Table B.4-3
Area 11 - Water Gel Wash-Up Waste Pit Area Soil PAH and SVOC Results

Area	11	11	11
Sample ID	11-B-501-S-1	11-B-501-S-3	11-B-501-S-4
Date Sampled	2/21/92	2/21/92	2/21/92
Depth	0 to 1	10 to 11.5	15 to 16.5
Bis(2-Chloroethoxy) Methane	0.2 U	0.18 U	0.18 U
Bis(2-Chloroethyl) Ether	0.2 U	0.18 U	0.18 U
Bis(2-Chloroisopropyl) Ether	0.2 U	0.18 U	0.18 U
Bis(2-Ethylhexyl)Phthalate	0.2 U	0.18 U	0.18 U
Butylbenzylphthalate	0.2 U	0.18 U	0.18 U
Di-N-Butylphthalate	0.2 U	0.18 U	0.18 U
Di-N-Octylphthalate	0.2 U	0.18 U	0.19 U
Dibenzofuran	0.2 U	0.18 U	0.18 U
Diethylphthalate	0.2 U	0.18 U	0.18 U
Dimethylphthalate	0.2 U	0.18 U	0.18 U
Hexachlorobenzene	0.2 U	0.18 U	0.18 U
Hexachlorobutadiene	0.2 U	0.18 U	0.18 U
Hexachlorocyclopentadiene	0.2 U	0.18 U	0.18 U
Hexachloroethane	0.2 U	0.18 U	0.18 U
Isophorone	0.2 U	0.18 U	0.18 U
N-Nitroso-Di-Phenylamine	0.2 U	0.18 U	0.18 U
N-Nitroso-Di-Propylamine	0.2 U	0.18 U	0.18 U
N-Nitroso-Dimethylamine	0.2 U	0.18 U	0.18 U
Pentachlorophenol	0.2 U	0.18 U	0.18 U
Phenol	0.2 U	0.18 U	0.18 U

Table B.4-4
Area 11 - Water Gel Wash-Up Waste Pit Area Soil TPH Results

Area	11	11	11	11
Sample ID	**11-TP-5,S-1**	**11-TP-5,S-2**	**11-TP-6,S-1-DAVG**	**11-TP-6,S-2**
Date Sampled	**4/28/87**	**4/28/87**	**4/28/87**	**4/28/87**
Depth	**0 to 3**	**3 to 6**	**0 to 3**	**3 to 6**
TPH (mg/kg dry)				
Oil And Grease	30 X	93 X	20 UX	51 X

Table B.5-1
Area 12 - Works Magazine Landfill Soil Metals Results

Area	12	12	12	12	12	12	12	12
Sample ID	12-1-TP-501-S-2	12-1-TP-503-S-2-DAVG	12-1-TP-6,S-1	12-1-TP-6,S-2	12-2-B-501-S-1	12-2-B-501-S-3A	12-2-B-502-S-1-DAVG	12-2-B-502-S-2-DAVG
Date Sampled	4/15/92	4/16/92	4/24/87	4/24/87	3/24/92	3/24/92	3/24/92	3/24/92
Depth	3 to 6	3 to 6	0 to 3	3 to 6	0 to 1	13 to 14.5	0 to 1	5 to 8
Total Metals (mg/kg dry)								
Aluminum	12000	9900			12000	9600	9400	6200
Antimony	2.8 U	2.6 U						
Arsenic	2	1.3 J			3.6 J	1.4	2	1.9
Beryllium	0.22	0.19			0.31	0.16	0.18	0.12
Cadmium	0.04	0.055			0.12 J	0.18 J	0.086 J	0.095 J
Chromium	12	8.3			10	10 J	7.8	6.9
Copper	13 J	15			21	15	14	12
Lead	5.4 U	5.3 U	15	23	18	9.4	12	11
Mercury	0.082 U	0.086 U			0.094 UJ	0.17 J	0.1 UJ	0.083 UJ
Nickel	16	14			14	15	12	9.2
Selenium	0.28 U	0.26 U			0.49 J	0.26 UJ	0.26 UJ	0.27 UJ
Silver	0.4	0.51			0.042	0.035	0.034 J	0.029 UJ
Thallium	0.27 U	0.26 U			0.29 UJ	0.26 UJ	0.26 UJ	0.27 UJ
Zinc	24	24			26	21	18	16

Table B.5-1
Area 12 - Works Magazine Landfill Soil Metals Results

Area	12	12	12	12	12	12	12	12
Sample ID	12-2-B-502-S-3	12-2-TP-10,S-1	12-2-TP-10,S-2	12-2-TP-501-S-2	12-2-TP-502-S-2	12-2-TP-503-S-2	12-2-TP-504-S-2-DAVG	12-2-TP-505-S-2-DAVG
Date Sampled	3/24/92	4/23/87	4/23/87	4/15/92	4/14/92	4/15/92	4/15/92	4/15/92
Depth	10 to 12.3	0 to 3	3 to 6	3 to 6	3 to 6	2 to 4	3 to 6	3 to 6
Total Metals (mg/kg dry)								
Aluminum	9400			13000	10000	14000	7900	14000
Antimony				2.9 U	2.7 U	2.8 U	2.6 U	2.8 U
Arsenic	1.3			2.8	2.2	1.8	0.99	3
Beryllium	0.17			0.26	0.2	0.26	0.15	0.28
Cadmium	0.15 J			0.13	0.082	0.055	0.036	0.089
Chromium	11 J			11	15	55	7.5	14
Copper	17			18 J	12 J	12 J	11 J	15 J
Lead	7	36	48	5.8 U	23	6.2	5 U	5.7 U
Mercury	0.1 UJ			0.092 U	0.084 U	0.079 U	0.092 U	0.099 U
Nickel	15			15	13	19	12	19
Selenium	0.28 UJ			0.29 U	0.28 U	0.26 U	0.26 U	0.28 U
Silver	0.052 J			0.46	0.46	0.46	0.35	0.49
Thallium	0.28 UJ			0.29 U	0.28 U	0.26 U	0.26 U	0.28 U
Zinc	20			29	23	22	16	30

Table B.5-1
Area 12 - Works Magazine Landfill Soil Metals Results

Area	12	12	12	12	12	12	12	12
Sample ID	12-2-TP-9,S-1	12-2-TP-9,S-2	12-3-TP-3,S-1	12-3-TP-3,S-2	12-3-TP-501-S-2-DAVG	12-4-TP-2,S-1	12-5-TP-3,S-1	12-5-TP-3,S-2
Date Sampled	4/24/87	4/24/87	4/27/87	4/27/87	4/16/92	11/11/86	4/27/87	4/27/87
Depth	0 to 3	3 to 6	0 to 3	3 to 6	2 to 4	0 to 3	0 to 3	3 to 6
Total Metals (mg/kg dry)								
Aluminum					15000			
Antimony					3.3 U	3 U		
Arsenic					15.3 J			
Beryllium					0.29			
Cadmium					0.52			
Chromium					14	24		
Copper					24			
Lead	35	39	28	29	39	10	24	21
Mercury					0.12			
Nickel					17			
Selenium					0.31 U			
Silver					0.58			
Thallium					0.31 U			
Zinc	69	79			37			

Table B.5-1
Area 12 - Works Magazine Landfill Soil Metals Results

Area	12	12	12	12	12	12	12	12
Sample ID	12-6-B-501-S-2	12-6-TP-3,S-1	12-6-TP-3,S-2-DAVG	12-6-TP-502-S-2	12-7-B-501-S-2	12-SS-401	12-SS-402	12-SS-403
Date Sampled	3/25/92	4/27/87	4/27/87	4/17/92	3/25/92	11/17/93	11/18/93	11/17/93
Depth	5 to 8	0 to 3	3 to 6	3 to 6	5 to 8	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Aluminum	8900			12000	9900			
Antimony				3 U				
Arsenic	2.7			23 J	3.2	22	23	6
Beryllium	0.17			0.24	0.17			
Cadmium	0.089 J			0.46	0.15 J			
Chromium	13			9.3	13 J			
Copper	27			15	29			
Lead	9.4	18	35	15	12			
Mercury	0.1 UJ			0.11 U	0.099 UJ			
Nickel	11			11	15			
Selenium	0.26 UJ			0.3 U	0.25 UJ			
Silver	0.043 J			0.41	0.034 J			
Thallium	0.26 UJ			0.3 U	0.25 UJ			
Zinc	17			23	41			

Table B.5-1
Area 12 - Works Magazine Landfill Soil Metals Results

Area	12	12	12	12	12	12	12	12
Sample ID	12-SS-405	12-SS-406	12-SS-407	12-SS-408	12-SS-409	12-TP-501-S-1-DAVG	12-TP-501-S-2-DAVG	12-TP-502-S-1-DAVG
Date Sampled	11/17/93	11/18/93	11/18/93	11/18/93	11/18/93	4/16/92	4/16/92	4/16/92
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 1	3 to 4.5	0 to 1
Total Metals (mg/kg dry)								
Aluminum						20000	18000	18000
Antimony						2.8 U	3.2 U	3.1 U
Arsenic	6.5	30	25	19	9.3	3.2 J	18 J	3.2
Beryllium						0.39	0.34	0.4
Cadmium						0.087	0.48	0.19
Chromium						14	15	12
Copper						13	17	14
Lead						5.8 U	15	6.1 U
Mercury						0.089 U	0.1 U	0.11 U
Nickel						19	17	16
Selenium						0.28 U	0.32 U	0.31 U
Silver						0.48	0.77	0.44
Thallium						0.28 U	0.32 U	0.31 U
Zinc						30	47	32

Table B.5-1
Area 12 - Works Magazine Landfill Soil Metals Results

Area	12	12	12	12	12	12	12	12
Sample ID	12-TP-502-S-2-DAVG	12-TP-503-S-1	12-TP-503-S-2	12-TP-504-S-1-DAVG	12-TP-504-S-2-DAVG	12-TP-505-S-1-DAVG	12-TP-505-S-2-DAVG	SA4-114-95
Date Sampled	4/17/92	4/16/92	4/16/92	4/17/92	4/17/92	4/17/92	4/17/92	10/13/99
Depth	3 to 6	0 to 1	3 to 6	0 to 1	3 to 6	0 to 1	3 to 6	1.5 to 3.5
Total Metals (mg/kg dry)								
Aluminum	10000	22000	12000	24000	8000	17000	16000	
Antimony	2.7 U	3.2 U	2.6 U	3.4 U	2.6 U	7.3 U	2.9 U	
Arsenic	1.3	2.8 J	1.4 J	4.5 J	1.7 J	15 J	17 J	4.2
Beryllium	0.23	0.42	0.2	0.52	0.18	0.35	0.32	
Cadmium	0.039	0.079	0.04	0.082	0.044	0.3	0.18	
Chromium	9.7	13	11	11	8.9	11	13	
Copper	15	11	13	16	11	19	13	
Lead	5.2 U	6.5 U	5.5 U	6.6 U	5 U	17	22	8.3
Mercury	0.089 U	0.012	0.094 U	0.12 U	0.09 U	0.11 U	0.11 U	
Nickel	14	17	15	14	14	15	13	
Selenium	0.27 U	0.32 U	0.26 U	0.34 U	0.26 U	0.3	0.28 U	
Silver	0.31	0.58	0.4	0.51	0.35	1.2	0.4	
Thallium	0.27 U	0.32 U	0.26 U	0.34 U	0.26 U	0.3 U	0.28 U	
Zinc	21	31	23	29	19	34	24	

Table B.5-1
Area 12 - Works Magazine Landfill Soil Metals Results

Area	12	12	12	12	12	12	12	12
Sample ID	SA4-114-96	SA4-114-97	SA4-115-94	SA4-115-95	SA4-115-96	SA4-115-97	SA4-115-98	SA4-116-94
Date Sampled	10/13/99	10/13/99	10/13/99	10/13/99	10/13/99	10/13/99	10/13/99	10/13/99
Depth	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5
Total Metals (mg/kg dry)								
Aluminum								
Antimony								
Arsenic	2.4	3.1	4.3	2.5 U	2.4 U	5.7	2.4 U	2.3 U
Beryllium								
Cadmium								
Chromium								
Copper								
Lead	4.7	5.4	8.2	5.2	5.1	6.2	5.7	5.1
Mercury								
Nickel								
Selenium								
Silver								
Thallium								
Zinc								

Table B.5-1
Area 12 - Works Magazine Landfill Soil Metals Results

Area	12	12	12	12	12	12	12	12
Sample ID	SA4-116-95	SA4-116-96	SA4-116-97	SA4-116-98	SA4-117-94	SA4-117-95	SA4-117-96	SA4-117-97
Date Sampled	10/13/99	10/13/99	10/13/99	10/13/99	10/13/99	10/13/99	10/13/99	10/13/99
Depth	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5
Total Metals (mg/kg dry)								
Aluminum								
Antimony								
Arsenic	2.2 U	3	3 5	3 3	2 2 U	2.5 U	2.2 U	2.3 U
Beryllium								
Cadmium								
Chromium								
Copper								
Lead	5.1	5.3	5 5	7 3	4.7	5.3	4.4	4.9
Mercury								
Nickel								
Selenium								
Silver								
Thallium								
Zinc								

Table B.5-1
Area 12 - Works Magazine Landfill Soil Metals Results

Area	12	12	12	12	12	12	12
Sample ID	SA4-118-94	SA4-118-95	SA4-118-96	SA4-118-97	SA4-119-94	SA4-119-95	SA4-119-96
Date Sampled	10/13/99	10/13/99	10/13/99	10/13/99	10/13/99	10/13/99	10/13/99
Depth	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5
Total Metals (mg/kg dry)							
Aluminum							
Antimony							
Arsenic	2.4	2.3 U	2.4 U	2 U	2 U	2.2 U	2.6
Beryllium							
Cadmium							
Chromium							
Copper							
Lead	5.6	4.7	5	4.6	4.1	4.7	4.9
Mercury							
Nickel							
Selenium							
Silver							
Thallium							
Zinc							

Table B.5-2
Area 12 - Works Magazine Landfill Soil Explosives Results

Area	12	12	12	12	12	12	12	12
Sample ID	12-1-B-501A-S-1	12-1-B-501A-S-2	12-1-B-501A-S-3	12-1-B-501A-S-4	12-1-B-501A-S-5	12-1-TP-501-S-2	12-1-TP-502-S-2-DAVG	12-1-TP-503-S-2-DAVG
Date Sampled	3/23/92	3/23/92	3/23/92	3/23/92	3/23/92	4/15/92	4/16/92	4/16/92
Depth	0 to 1	5 to 8	10 to 13	15 to 18	20 to 23	3 to 6	3 to 5	3 to 6
Explosives (mg/kg dry)								
1,3,5-Trinitrobenzene		0.033 U	0.032 U		0.032 U	0.033 U	0.032 U	0.032 U
1,3-Dinitrobenzene		0.044 U	0.043 U		0.043 U	0.044 U	0.042 U	0.042 U
2,4,6-Trinitrotoluene		0.0033 U	0.0032 U		0.0032 U	0.0033 U	0.0032 U	0.0032 U
2,4-Dinitrotoluene		0.0066 U	0.0064 U		0.0064 U	0.0066 U	0.0064 U	0.0063 U
2,6-Dinitrotoluene		0.0066 U	0.0064 U		0.0064 U	0.0066 UJ	0.0064 U	0.0063 U
Monomethylamine Nitrate	6 U	5.5 U	5.4 U	5.4 U	5.4 U	5.5 U	5.3 U	5.2 U
Nitrobenzene		0.065 U	0.064 U		0.064 U	0.065 UJ	0.063 U	0.063 U
Nitroglycerine		0.22 U	0.21 U		0.21 U		0.21 U	
DNT - Total		*0.0132 U*	*0.0128 U*		*0.0128 U*	*0.0132 U*	*0.0128 U*	*0.0126 U*

Area	12	12	12	12	12	12	12	12
Sample ID	12-1-TP-504-S-2	12-1-TP-6,S-1	12-1-TP-6,S-2	12-2-B-501-S-1	12-2-B-501-S-2A	12-2-B-501-S-2-DAVG	12-2-B-501-S-3A	12-2-B-501-S-4-DAVG
Date Sampled	4/15/92	4/24/87	4/24/87	3/24/92	3/24/92	3/24/92	3/24/92	3/24/92
Depth	3 to 6	0 to 3	3 to 6	0 to 1	8 to 9.5	5 to 8	13 to 14.5	15 to 18
Explosives (mg/kg dry)								
1,3,5-Trinitrobenzene	0.032 U					0.035 U	0.032 U	
1,3-Dinitrobenzene	0.042 U					0.047 U	0.043 U	
2,4,6-Trinitrotoluene	0.0032 U					0.0035 U	0.0032 U	
2,4-Dinitrotoluene	0.0064 U				0.18 U	0.007 U	0.0065 U	
2,6-Dinitrotoluene	0.0064 UJ				0.18 U	0.007 U	0.0065 U	
Monomethylamine Nitrate	5.3 U	0.072	2900	5.8 U		66 J	5.4 U	5.4 U
Nitrobenzene	0.063 UJ				0.18 U	0.069 U	0.064 U	
Nitroglycerine	0.21 U					0.23 U	0.22 U	
DNT - Total	*0.0128 U*				*0.36 U*	*0.014 U*	*0.013 U*	

Table B.5-2
Area 12 - Works Magazine Landfill Soil Explosives Results

Area	12	12	12	12	12	12	12	12
Sample ID	12-2-B-501-S-5	12-2-B-502-S-1-DAVG	12-2-B-502-S-2-DAVG	12-2-B-502-S-3	12-2-B-502-S-4	12-2-B-502-S-5-DAVG	12-2-OBTP-504-S-2	12-2-OBTP-505-S-2
Date Sampled	3/24/92	3/24/92	3/24/92	3/24/92	3/24/92	3/24/92	4/16/92	4/16/92
Depth	20 to 23	0 to 1	5 to 8	10 to 12.3	15 to 18	20 to 23	2 to 4	2 to 4
Explosives (mg/kg dry)								
1,3,5-Trinitrobenzene	0.032 U		0.032 U	0.032 U		0.032 U	0.46 U	0.17 U
1,3-Dinitrobenzene	0.042 U		0.043 U	0.043 U		0.042 U	0.61 U	0.22 U
2,4,6-Trinitrotoluene	0.0032 U		0.0032 U	0.0032 U		0.0032 U	0.046 U	0.017 U
2,4-Dinitrotoluene	0.0064 U		0.0064 U	0.0064 U		0.0063 U	0.092 U	0.034 U
2,6-Dinitrotoluene	0.0064 U		0.0064 U	0.0064 U		0.0063 U	0.092 U	0.034 U
Monomethylamine Nitrate	5.3 U	5.3 U	5.4 U	5.4 U	5.3 U	5.3 U	7.6 U	5.6 U
Nitrobenzene	0.063 U		0.064 U	0.064 U		0.063 U	0.91 U	0.33 U
Nitroglycerine	0.21 U		0.21 U	0.21 U		0.21 U		
DNT - Total	*0.0128 U*		*0.0128 U*	*0.0128 U*		*0.0126 U*	*0.184 U*	*0.068 U*

Area	12	12	12	12	12	12	12	12
Sample ID	12-2-OBTP-505-S-3	12-2-TP-10,S-1	12-2-TP-10,S-2	12-2-TP-501-S-2	12-2-TP-501-S-3	12-2-TP-502-S-2	12-2-TP-503-S-3-DAVG	12-2-TP-503-S-4
Date Sampled	4/16/92	4/23/87	4/23/87	4/15/92	4/16/92	4/14/92	4/14/92	4/13/92
Depth	5.5 to 6.5	0 to 3	3 to 6	3 to 6	8 to 10	3 to 6	8 to 10	4 to 6
Explosives (mg/kg dry)								
1,3,5-Trinitrobenzene	0.032 U			0.17 U	0.031 U	0.66 U	0.044 U	
1,3-Dinitrobenzene	0.042 U			0.23 U	0.042 U	0.89 U	0.058 U	
2,4,6-Trinitrotoluene	0.0032 U			0.017 U	0.0031 U	0.066 U	0.0044 U	
2,4-Dinitrotoluene	0.0063 U			0.035 U	0.0062 U	0.13 U	0.0088 U	0.19 U
2,6-Dinitrotoluene	0.0063 U			0.035 UJ	0.0062 U	0.13 UJ	0.0088 UJ	0.19 U
Monomethylamine Nitrate	5.3 U	0.054	0.84	5.7 U	5.1 U	5.4 U	8.8 U	5.8 U
Nitrobenzene	0.063 U			0.35 UJ	0.062 U	1.3 UJ	0.087 UJ	0.19 U
Nitroglycerine						0.22 U		
DNT - Total	*0.0126 U*			*0.07 U*	*0.0124 U*	*0.26 U*	*0.0176 U*	*0.38 U*

Table B.5-2
Area 12 - Works Magazine Landfill Soil Explosives Results

Area	12	12	12	12	12	12	12	12
Sample ID	12-2-TP-504-S-2-DAVG	12-2-TP-505-S-1	12-2-TP-505-S-2-DAV(	12-2-TP-505-S-3	12-2-TP-506-S-2	12-2-TP-9,S-1	12-2-TP-9,S-2	12-3-TP-3,S-1
Date Sampled	4/15/92	4/13/92	4/15/92	4/15/92	4/16/92	4/24/87	4/24/87	4/27/87
Depth	3 to 6	0 to 1	3 to 6	9 to 10	3 to 6	0 to 3	3 to 6	0 to 3
Explosives (mg/kg dry)								
1,3,5-Trinitrobenzene	0.031 U		0.034 U		0.036 U			
1,3-Dinitrobenzene	0.042 U		0.045 U		0.048 U			
2,4,6-Trinitrotoluene	0.0031 U		0.0034 U		0.0036 U			
2,4-Dinitrotoluene	0.0063 U	0.18 U	0.0068 U	0.18 U	0.0073 U			
2,6-Dinitrotoluene	0.0063 UJ	0.18 U	0.0068 UJ	0.18 U	0.0073 U			
Monomethylamine Nitrate	5.2 U		5.7 U		6.1 U	1000	390	1.7
Nitrobenzene	0.062 UJ	0.18 U	0.067 UJ	0.18 U	0.072 U			
Nitroglycerine	0.21 U							
DNT - Total	*0.0126 U*	*0.36 U*	*0.0136 U*	*0.36 U*	*0.0146 U*			

Area	12	12	12	12	12	12	12	12
Sample ID	12-3-TP-3,S-2	12-3-TP-501-S-2-DAVG	12-3-TP-501-S-3	12-3-TP-502-S-2	12-3-TP-502-S-3	12-3-TP-503-S-2	12-3-TP-503-S-3	12-4-TP-2,S-1
Date Sampled	4/27/87	4/16/92	4/16/92	4/16/92	4/16/92	4/16/92	4/16/92	11/11/86
Depth	3 to 6	2 to 4	8 to 10	2 to 4	4 to 6	3 to 6	8 to 10	0 to 3
Explosives (mg/kg dry)								
1,3,5-Trinitrobenzene		0.19 U	0.032 U	0.035 U	0.036 U	0.036 U	0.032 U	
1,3-Dinitrobenzene		0.25 U	0.042 U	0.046 U	0.048 U	0.048 U	0.043 U	
2,4,6-Trinitrotoluene		0.019 U	0.0032 U	0.0035 U	0.0036 U	0.0036 U	0.0032 U	0.18 U
2,4-Dinitrotoluene		0.038 U	0.0064 U	0.0069 U	0.0072 U	0.0072 U	0.0065 U	0.18 U
2,6-Dinitrotoluene		0.038 U	0.0064 U	0.0069 U	0.0072 U	0.0072 U	0.0065 U	0.18 U
Monomethylamine Nitrate	210	160 J	5.2 U	5.8 U	6 U	6 U	5.4 U	
Nitrobenzene		0.38 U	0.063 U	0.069 U	0.072 U	0.071 U	0.064 U	
Nitroglycerine								0.36 U
DNT - Total		*0.076 U*	*0.0128 U*	*0.0138 U*	*0.0144 U*	*0.0144 U*	*0.013 U*	*0.36 U*

Table B.5-2
Area 12 - Works Magazine Landfill Soil Explosives Results

Area	12	12	12	12	12	12	12	12
Sample ID	12-4-TP-501-S-2	12-5-TP-3,S-1	12-5-TP-3,S-2	12-5-TP-501-S-2	12-5-TP-501-S-3	12-5-TP-502-S-2-DAVG	12-5-TP-502-S-3-DAVG	12-5-TP-503-S-2
Date Sampled	4/16/92	4/27/87	4/27/87	4/17/92	4/17/92	4/17/92	4/17/92	4/17/92
Depth	3 to 6	0 to 3	3 to 6	3 to 6	3 to 6	3 to 5.5	8 to 10	2 to 4
Explosives (mg/kg dry)								
1,3,5-Trinitrobenzene	0.031 U			0.035 U	0.032 U	0.18 U	0.032 U	0.041 U
1,3-Dinitrobenzene	0.042 U			0.046 U	0.043 U	0.25 U	0.042 U	0.055 U
2,4,6-Trinitrotoluene	0.0031 U			0.0035 U	0.0032 U	0.018 U	0.0032 U	0.0041 U
2,4-Dinitrotoluene	0.0063 U			0.0069 U	0.0064 U	0.037 U	0.0064 U	0.0082 U
2,6-Dinitrotoluene	0.0063 U			0.0069 U	0.0064 U	0.037 U	0.0064 U	0.0082 U
Monomethylamine Nitrate	5.2 U	0.042	0.051 J	5.8 U	5.4 U	6.1 U	5.3 U	6.9 U
Nitrobenzene	0.062 U			0.069 U	0.064 U	0.37 U	0.063 U	0.081 U
Nitroglycerine				0.23 U		0.25 U		
DNT - Total	*0.0126 U*			*0.0138 U*	*0.0128 U*	*0.074 U*	*0.0128 U*	*0.0164 U*

Area	12	12	12	12	12	12	12	12
Sample ID	12-5-TP-503-S-3	12-5-TP-503-S-4	12-6-B-501-S-1	12-6-B-501-S-2	12-6-B-501-S-3	12-6-B-501-S-5	12-6-TP-3,S-1	12-6-TP-3,S-2-DAVG
Date Sampled	4/17/92	4/17/92	3/25/92	3/25/92	3/25/92	3/25/92	4/27/87	4/27/87
Depth	4 to 6	8 to 10	0 to 1	5 to 8	10 to 13	20 to 23	0 to 3	3 to 6
Explosives (mg/kg dry)								
1,3,5-Trinitrobenzene	0.032 U	0.032 U		0.032 U	0.032 U	0.035 U		
1,3-Dinitrobenzene	0.043 U	0.042 U		0.042 U	0.042 U	0.047 U		
2,4,6-Trinitrotoluene	0.0032 U	0.0032 U		0.0032 U	0.0032 U	0.0035 U		
2,4-Dinitrotoluene	0.0064 U	0.0063 U		0.0063 U	0.0063 U	0.0071 U		
2,6-Dinitrotoluene	0.0064 U	0.0063 U		0.0063 U	0.0063 U	0.0071 U		
Monomethylamine Nitrate	5.4 U	5.3 U	6.8 U	5.3 U	5.3 U	5.9 U	3600	30000
Nitrobenzene	0.063 U	0.063 U		0.063 U	0.063 U	0.07 U		
Nitroglycerine				0.21 U	0.21 U	0.24 U		
DNT - Total	*0.0128 U*	*0.0126 U*		*0.0126 U*	*0.0126 U*	*0.0142 U*		

Table B.5-2
Area 12 - Works Magazine Landfill Soil Explosives Results

Area	12	12	12	12	12	12	12	12
Sample ID	12-6-TP-501-S-1	12-6-TP-501-S-2	12-6-TP-501-S-3	12-6-TP-502-S-1	12-6-TP-502-S-2	12-6-TP-502-S-3	12-7-B-501-S-1	12-7-B-501-S-2
Date Sampled	4/17/92	4/17/92	4/17/92	4/17/92	4/17/92	4/17/92	3/25/92	3/25/92
Depth	0 to 1	3 to 6	8 to 10	0 to 1	3 to 6	8 to 10	0 to 1	5 to 8
Explosives (mg/kg dry)								
1,3,5-Trinitrobenzene		0.032 U	0.032 U		0.037 U	0.032 U		0.032 U
1,3-Dinitrobenzene		0.042 U	0.042 U		0.05 U	0.043 U		0.043 U
2,4,6-Trinitrotoluene		0.0032 U	0.0032 U		0.0037 U	0.0032 U		0.0032 U
2,4-Dinitrotoluene		0.0063 U	0.0063 U		0.0075 U	0.0065 U		0.0064 U
2,6-Dinitrotoluene		0.0063 U	0.0063 U		0.0075 U	0.0065 U		0.0064 U
Monomethylamine Nitrate	7.1 U	5.3 U	5.3 U	5.7 U	77	5.4 U	5.9 U	5.4 U
Nitrobenzene		0.063 U	0.063 U		0.074 U	0.064 U		0.064 U
Nitroglycerine		0.21 U			0.25 U	0.21 U		0.21 U
DNT - Total		*0.0126 U*	*0.0126 U*		*0.015 U*	*0.013 U*		*0.0128 U*

Area	12	12	12	12	12	12	12	12
Sample ID	12-7-B-501-S-3	12-7-B-501-S-4	12-7-B-501-S-5	12-7-TP-501-S-1-DAVG	12-7-TP-501-S-2	12-7-TP-501-S-3	12-TP-501-S-1-DAVG	12-TP-501-S-2-DAVG
Date Sampled	3/25/92	3/25/92	3/25/92	4/16/92	4/17/92	4/17/92	4/16/92	4/16/92
Depth	10 to 13	15 to 18	20 to 22.4	0 to 1	3 to 6	8 to 10	0 to 1	3 to 4.5
Explosives (mg/kg dry)								
1,3,5-Trinitrobenzene	0.032 U	0.034 U	0.032 U		0.031 U	0.032 U	0.036 U	0.039 U
1,3-Dinitrobenzene	0.043 U	0.045 U	0.043 U		0.041 U	0.042 U	0.048 U	0.052 U
2,4,6-Trinitrotoluene	0.0032 U	0.0034 U	0.0032 U		0.0031 U	0.0032 U	0.0036 U	0.0039 U
2,4-Dinitrotoluene	0.0064 U	0.0068 U	0.0064 U		0.0061 U	0.0063 U	0.0071 U	0.0078 U
2,6-Dinitrotoluene	0.0064 U	0.0068 U	0.0064 U		0.0061 U	0.0063 U	0.0071 U	0.0078 U
Monomethylamine Nitrate	5.3 U		5.4 U	6.8 U	5.1 U	5.1 U	6 U	6.4 U
Nitrobenzene	0.064 U	0.067 U	0.064 U		0.061 U	0.062 U	0.071 U	0.077 U
Nitroglycerine	0.21 U	0.23 U	0.21 U		0.21 U	0.21 U		0.26 U
DNT - Total	*0.0128 U*	*0.0136 U*	*0.0128 U*		*0.0122 U*	*0.0126 U*	*0.0142 U*	*0.0156 U*

Table B.5-2
Area 12 - Works Magazine Landfill Soil Explosives Results

Area	12	12	12	12	12	12	12	12
Sample ID	12-TP-501-S-3	12-TP-502-S-1-DAVG	12-TP-502-S-2-DAVG	12-TP-502-S-3	12-TP-503-S-1	12-TP-503-S-2	12-TP-503-S-3	12-TP-504-S-1-DAVG
Date Sampled	4/16/92	4/16/92	4/17/92	4/16/92	4/16/92	4/16/92	4/16/92	4/17/92
Depth	9 to 10	0 to 1	3 to 6	8 to 10	0 to 1	3 to 6	8 to 10	0 to 1
Explosives (mg/kg dry)								
1,3,5-Trinitrobenzene		0.037 U	0.031 U		0.039 U	0.031 U		0.041 U
1,3-Dinitrobenzene		0.049 U	0.042 U		0.052 U	0.042 U		0.055 U
2,4,6-Trinitrotoluene		0.0037 U	0.0031 U		0.0039 U	0.0031 U		0.0041 U
2,4-Dinitrotoluene		0.0073 U	0.0063 U		0.0077 U	0.0063 U		0.0082 U
2,6-Dinitrotoluene		0.0073 U	0.0063 U		0.0077 U	0.0063 U		0.0082 U
Monomethylamine Nitrate	5.3 U	6.1 U	5.3 U	5.3 U	6.4 U	5.3 U	5.4 U	6.1 U
Nitrobenzene		0.073 U	0.062 U		0.077 U	0.062 U		0.082 U
Nitroglycerine			0.21 U		0.26 U			
DNT - Total		*0.0146 U*	*0.0126 U*		*0.0154 U*	*0.0126 U*		*0.0164 U*

Area	12	12	12	12	12
Sample ID	12-TP-504-S-2-DAVG	12-TP-504-S-3	12-TP-505-S-1-DAVG	12-TP-505-S-2-DAVG	12-TP-505-S-3
Date Sampled	4/17/92	4/17/92	4/17/92	4/17/92	4/17/92
Depth	3 to 6	8 to 10	0 to 1	3 to 6	8 to 10
Explosives (mg/kg dry)					
1,3,5-Trinitrobenzene	0.031 U		0.038 U	0.039 U	
1,3-Dinitrobenzene	0.042 U		0.051 U	0.052 U	
2,4,6-Trinitrotoluene	0.0031 U		0.0038 U	0.0039 U	
2,4-Dinitrotoluene	0.0062 U		0.0076 U	0.0077 U	
2,6-Dinitrotoluene	0.0062 U		0.0076 U	0.0077 U	
Monomethylamine Nitrate	5.2 U	5.2 U	6.4 U	6.5 U	5.6 U
Nitrobenzene	0.062 U		0.075 U	0.077 U	
Nitroglycerine	0.21 U			0.26 U	
DNT - Total	*0.0124 U*		*0.0152 U*	*0.0154 U*	

Table B.5-3
Area 12 - Works Magazine Landfill Soil SVOC Results

Area	12	12	12	12
Sample ID	12-1-B-501A-S-2	12-1-TP-502-S-2-DAVG	12-2-B-501-S-2A	12-2-B-502-S-2-DAVG
Date Sampled	3/23/92	4/16/92	3/24/92	3/24/92
Depth	5 to 8	3 to 5	8 to 9.5	5 to 8
Semivolatiles (mg/kg dry)				
1,2,4-Trichlorobenzene	0.19 U	0.18 U	0.18 U	3.7 U
1,2-Dichlorobenzene	0.19 U	0.18 U	0.18 U	3.7 U
1,3-Dichlorobenzene	0.19 U	0.18 U	0.18 U	3.7 U
1,4-Dichlorobenzene	0.19 U	0.18 U	0.18 U	3.7 U
2,4,5-Trichlorophenol	0.94 U	0.88 U	0.9 U	19 U
2,4,6-Trichlorophenol	0.19 U	0.18 U	0.18 U	3.7 U
2,4-Dichlorophenol	0.19 U	0.18 U	0.18 U	3.7 U
2,4-Dimethylphenol	0.19 U	0.18 U	0.18 U	3.7 U
2,4-Dinitrophenol	0.94 U	0.88 U	0.9 U	19 U
2-Chloronaphthalene	0.19 U	0.18 U	0.18 U	3.7 U
2-Chlorophenol	0.19 U	0.18 U	0.18 U	3.7 U
2-Methylphenol	0.19 U	0.18 U	0.18 U	3.7 U
2-Nitroaniline	0.94 U	0.88 U	0.9 U	19 U
2-Nitrophenol	0.19 U	0.18 U	0.18 U	3.7 U
3,3'-Dichlorobenzidine	0.37 U	0.35 U	0.36 U	7.5 U
3-Nitroaniline	0.94 U	0.88 U	0.9 U	19 U
4,6-Dinitro-2-Methylphenol	0.94 U	0.88 U	0.9 U	19 U
4-Bromophenyl Phenyl Ether	0.19 U	0.18 U	0.18 U	3.7 U
4-Chloroaniline	0.19 U	0.18 U	0.18 U	3.7 U
4-Chlorophenyl-Phenylether	0.19 U	0.18 U	0.18 U	3.7 U
4-Methylphenol	0.19 U	0.18 U	0.18 U	3.7 U
4-Nitroaniline	0.94 U	0.88 U	0.9 U	19 U
4-Nitrophenol	0.94 U	0.88 U	0.9 U	19 U
Aniline	0.19 U	0.18 U	0.18 U	3.7 U
Benzidine		1.8 U		37 U
Benzoic Acid	0.94 U	0.88 U	0.9 U	19 U
Benzyl Alcohol	0.19 U	0.18 U	0.18 U	3.7 U
Bis(2-Chloroethoxy) Methane	0.19 U	0.18 U	0.18 U	3.7 U
Bis(2-Chloroethyl) Ether	0.19 U	0.18 U	0.18 U	3.7 U
Bis(2-Chloroisopropyl) Ether	0.19 U	0.18 U	0.18 U	3.7 U
Bis(2-Ethylhexyl)Phthalate	0.044 J	0.05 J	0.18 U	3.7 U
Butylbenzylphthalate	0.19 U	0.18 U	0.18 U	3.7 U
Di-N-Butylphthalate	0.19 U	1 U	0.18 U	3.7 U
Di-N-Octylphthalate	0.18 J	0.18 U	0.16 J	3.7 U
Dibenzofuran	0.19 U	0.18 U	0.18 U	3.7 U
Diethylphthalate	0.19 U	0.18 U	0.18 U	3.7 U
Dimethylphthalate	0.19 U	0.18 U	0.18 U	3.7 U
Hexachlorobenzene	0.19 U	0.18 U	0.18 U	3.7 U
Hexachlorobutadiene	0.19 U	0.18 U	0.18 U	3.7 U
Hexachlorocyclopentadiene	0.19 U	0.18 U	0.18 U	3.7 U
Hexachloroethane	0.19 U	0.18 U	0.18 U	3.7 U
Isophorone	0.19 U	0.18 U	0.18 U	3.7 U
N-Nitroso-Di-Phenylamine	0.19 U	0.18 U	0.18 U	3.7 U
N-Nitroso-Di-Propylamine	0.19 U	0.18 U	0.18 U	3.7 U
N-Nitroso-Dimethylamine	0.19 U	0.18 U	0.18 U	3.7 U
Pentachlorophenol	0.19 U	0.18 U	0.18 U	3.7 U
Phenol	0.19 U	0.18 U	0.18 U	3.7 U

Table B.5-3
Area 12 - Works Magazine Landfill Soil SVOC Results

Area	12	12	12	12
Sample ID	12-2-TP-501-S-3	12-2-TP-503-S-4	12-2-TP-505-S-1	12-2-TP-505-S-2-DAVG
Date Sampled	4/16/92	4/13/92	4/13/92	4/15/92
Depth	8 to 10	4 to 6	0 to 1	3 to 6
Semivolatiles (mg/kg dry)				
1,2,4-Trichlorobenzene	0.17 U	0.19 U	0.18 U	0.18 U
1,2-Dichlorobenzene	0.17 U	0.19 U	0.18 U	0.18 U
1,3-Dichlorobenzene	0.17 U	0.19 U	0.18 U	0.18 U
1,4-Dichlorobenzene	0.17 U	0.19 U	0.18 U	0.18 U
2,4,5-Trichlorophenol	0.86 U	0.97 U	0.92 U	0.92 U
2,4,6-Trichlorophenol	0.17 U	0.19 U	0.18 U	0.18 U
2,4-Dichlorophenol	0.17 U	0.19 U	0.18 U	0.18 U
2,4-Dimethylphenol	0.17 U	0.19 U	0.18 U	0.18 U
2,4-Dinitrophenol	0.86 U	0.97 U	0.92 U	0.92 U
2-Chloronaphthalene	0.17 U	0.19 U	0.18 U	0.18 U
2-Chlorophenol	0.17 U	0.19 U	0.18 U	0.18 U
2-Methylphenol	0.17 U	0.19 U	0.18 U	0.18 U
2-Nitroaniline	0.86 U	0.97 U	0.92 U	0.92 U
2-Nitrophenol	0.17 U	0.19 U	0.18 U	0.18 U
3,3'-Dichlorobenzidine	0.34 U	0.39 U	0.37 U	0.37 U
3-Nitroaniline	0.86 U	0.97 U	0.92 U	0.92 U
4,6-Dinitro-2-Methylphenol	0.86 U	0.97 U	0.92 U	0.92 U
4-Bromophenyl Phenyl Ether	0.17 U	0.19 U	0.18 U	0.18 U
4-Chloroaniline	0.17 U	0.19 U	0.18 U	0.18 U
4-Chlorophenyl-Phenylether	0.17 U	0.19 U	0.18 U	0.18 U
4-Methylphenol	0.17 U	0.19 U	0.18 U	0.18 U
4-Nitroaniline	0.86 U	0.97 U	0.92 U	0.92 U
4-Nitrophenol	0.86 U	0.97 U	0.92 U	0.92 U
Aniline	0.17 U	0.19 U	0.18 U	0.18 U
Benzidine	1.7 U	1.9 U	1.8 U	1.8 U
Benzoic Acid	0.86 U	0.97 U	0.92 U	0.92 U
Benzyl Alcohol	0.17 U	0.19 U	0.18 U	0.18 U
Bis(2-Chloroethoxy) Methane	0.17 U	0.19 U	0.18 U	0.18 U
Bis(2-Chloroethyl) Ether	0.17 U	0.19 U	0.18 U	0.18 U
Bis(2-Chloroisopropyl) Ether	0.17 U	0.19 U	0.18 U	0.18 U
Bis(2-Ethylhexyl)Phthalate	0.17 U	0.093 J	0.18 U	0.18 U
Butylbenzylphthalate	0.17 U	0.19 U	0.18 U	0.18 U
Di-N-Butylphthalate	1.3 U	0.4 U	0.44 U	1.3 U
Di-N-Octylphthalate	0.17 U	0.19 U	0.18 U	0.18 U
Dibenzofuran	0.17 U	0.19 U	0.18 U	0.18 U
Diethylphthalate	0.17 U	0.19 U	0.18 U	0.18 U
Dimethylphthalate	0.17 U	0.19 U	0.18 U	0.18 U
Hexachlorobenzene	0.17 U	0.19 U	0.18 U	0.18 U
Hexachlorobutadiene	0.17 U	0.19 U	0.18 U	0.18 U
Hexachlorocyclopentadiene	0.17 U	0.19 U	0.18 U	0.18 U
Hexachloroethane	0.17 U	0.19 U	0.18 U	0.18 U
Isophorone	0.17 U	0.19 U	0.18 U	0.18 U
N-Nitroso-Di-Phenylamine	0.17 U	0.19 U	0.18 U	0.18 U
N-Nitroso-Di-Propylamine	0.17 U	0.19 U	0.18 U	0.18 U
N-Nitroso-Dimethylamine	0.17 U	0.19 U	0.18 U	0.18 U
Pentachlorophenol	0.17 U	0.19 U	0.18 U	0.18 U
Phenol	0.17 U	0.19 U	0.18 U	0.18 U

Table B.5-3
Area 12 - Works Magazine Landfill Soil SVOC Results

Area	12	12	12	12
Sample ID	12-2-TP-505-S-3	12-3-TP-501-S-2-DAVG	12-5-TP-502-S-2-DAVG	12-6-TP-502-S-2
Date Sampled	4/15/92	4/16/92	4/17/92	4/17/92
Depth	9 to 10	2 to 4	3 to 5.5	3 to 6
Semivolatiles (mg/kg dry)				
1,2,4-Trichlorobenzene	0.18 U	0.21 U	33 U	0.2 U
1,2-Dichlorobenzene	0.18 U	0.21 U	33 U	0.2 U
1,3-Dichlorobenzene	0.18 U	0.21 U	33 U	0.2 U
1,4-Dichlorobenzene	0.18 U	0.21 U	33 U	0.2 U
2,4,5-Trichlorophenol	0.88 U	1.1 U	160 U	1 U
2,4,6-Trichlorophenol	0.18 U	0.21 U	33 U	0.2 U
2,4-Dichlorophenol	0.18 U	0.21 U	33 U	0.2 U
2,4-Dimethylphenol	0.18 U	0.21 U	33 U	0.2 U
2,4-Dinitrophenol	0.88 U	1.1 U	160 U	1 U
2-Chloronaphthalene	0.18 U	0.21 U	33 U	0.2 U
2-Chlorophenol	0.18 U	0.21 U	33 U	0.2 U
2-Methylphenol	0.18 U	0.21 U	33 U	0.2 U
2-Nitroaniline	0.88 U	1.1 U	160 U	1 U
2-Nitrophenol	0.18 U	0.21 U	33 U	0.2 U
3,3'-Dichlorobenzidine	0.35 U	0.43 U	66 U	0.4 U
3-Nitroaniline	0.88 U	1.1 U	160 U	1 U
4,6-Dinitro-2-Methylphenol	0.88 U	1.1 U	160 U	1 U
4-Bromophenyl Phenyl Ether	0.18 U	0.21 U	33 U	0.2 U
4-Chloroaniline	0.18 U	0.21 U	33 U	0.2 U
4-Chlorophenyl-Phenylether	0.18 U	0.21 U	33 U	0.2 U
4-Methylphenol	0.18 U	0.21 U	33 U	0.2 U
4-Nitroaniline	0.88 U	1.1 U	160 U	1 U
4-Nitrophenol	0.88 U	1.1 U	160 U	1 U
Aniline	0.18 U	0.21 U	33 U	0.2 U
Benzidine	1.8 U	2.1 U	330 U	2 U
Benzoic Acid	0.88 U	0.078 J	160 U	1 U
Benzyl Alcohol	0.18 U	0.21 U	33 U	0.2 U
Bis(2-Chloroethoxy) Methane	0.18 U	0.21 U	33 U	0.2 U
Bis(2-Chloroethyl) Ether	0.18 U	0.21 U	33 U	0.2 U
Bis(2-Chloroisopropyl) Ether	0.18 U	0.21 U	33 U	0.2 U
Bis(2-Ethylhexyl)Phthalate	0.18 U	0.21 U	33 U	0.2 U
Butylbenzylphthalate	0.18 U	0.26	33 U	0.2 U
Di-N-Butylphthalate	0.74 U	2.3 U	33 U	1.3 U
Di-N-Octylphthalate	0.18 U	0.21 U	33 U	0.2 U
Dibenzofuran	0.18 U	0.21 U	33 U	0.2 U
Diethylphthalate	0.18 U	0.21 U	33 U	0.2 U
Dimethylphthalate	0.18 U	0.21 U	33 U	0.2 U
Hexachlorobenzene	0.18 U	0.21 U	33 U	0.2 U
Hexachlorobutadiene	0.18 U	0.21 U	33 U	0.2 U
Hexachlorocyclopentadiene	0.18 U	0.21 U	33 U	0.2 U
Hexachloroethane	0.18 U	0.21 U	33 U	0.2 U
Isophorone	0.18 U	0.21 U	33 U	0.2 U
N-Nitroso-Di-Phenylamine	0.18 U	0.21 U	33 U	0.2 U
N-Nitroso-Di-Propylamine	0.18 U	0.21 U	33 U	0.2 U
N-Nitroso-Dimethylamine	0.18 U	0.21 U	33 U	0.2 U
Pentachlorophenol	0.18 U	0.21 U	33 U	0.2 U
Phenol	0.18 U	0.21 U	33 U	0.2 U

Table B.5-3
Area 12 - Works Magazine Landfill Soil SVOC Results

Area	12	12	12	12
Sample ID	12-7-B-501-S-2	12-TP-501-S-2-DAVG	12-TP-502-S-2-DAVG	12-TP-503-S-2
Date Sampled	3/25/92	4/16/92	4/17/92	4/16/92
Depth	5 to 8	3 to 4.5	3 to 6	3 to 6
Semivolatiles (mg/kg dry)				
1,2,4-Trichlorobenzene	0.71 U	0.21 U	0.17 U	0.18 U
1,2-Dichlorobenzene	0.71 U	0.21 U	0.17 U	0.18 U
1,3-Dichlorobenzene	0.71 U	0.21 U	0.17 U	0.18 U
1,4-Dichlorobenzene	0.71 U	0.21 U	0.17 U	0.18 U
2,4,5-Trichlorophenol	3.5 U	1 U	0.87 U	0.89 U
2,4,6-Trichlorophenol	0.71 U	0.21 U	0.17 U	0.18 U
2,4-Dichlorophenol	0.71 U	0.21 U	0.17 U	0.18 U
2,4-Dimethylphenol	0.71 U	0.21 U	0.17 U	0.18 U
2,4-Dinitrophenol	3.5 U	1 U	0.87 U	0.89 U
2-Chloronaphthalene	0.71 U	0.21 U	0.17 U	0.18 U
2-Chlorophenol	0.71 U	0.21 U	0.17 U	0.18 U
2-Methylphenol	0.71 U	0.21 U	0.17 U	0.18 U
2-Nitroaniline	3.5 U	1 U	0.87 U	0.89 U
2-Nitrophenol	0.71 U	0.21 U	0.17 U	0.18 U
3,3'-Dichlorobenzidine	1.4 U	0.42 U	0.35 U	0.36 U
3-Nitroaniline	3.5 U	1 U	0.87 U	0.89 U
4,6-Dinitro-2-Methylphenol	3.5 U	1 U	0.87 U	0.89 U
4-Bromophenyl Phenyl Ether	0.71 U	0.21 U	0.17 U	0.18 U
4-Chloroaniline	0.71 U	0.21 U	0.17 U	0.18 U
4-Chlorophenyl-Phenylether	0.71 U	0.21 U	0.17 U	0.18 U
4-Methylphenol	0.71 U	0.21 U	0.17 U	0.18 U
4-Nitroaniline	3.5 U	1 U	0.87 U	0.89 U
4-Nitrophenol	3.5 U	1 U	0.87 U	0.89 U
Aniline	0.71 U	0.21 U	0.17 U	0.18 U
Benzidine	7.1 U	2.1 U	1.7 U	1.8 U
Benzoic Acid	3.5 U	1 U	0.87 U	0.89 U
Benzyl Alcohol	0.71 U	0.21 U	0.17 U	0.18 U
Bis(2-Chloroethoxy) Methane	0.71 U	0.21 U	0.17 U	0.18 U
Bis(2-Chloroethyl) Ether	0.71 U	0.21 U	0.17 U	0.18 U
Bis(2-Chloroisopropyl) Ether	0.71 U	0.21 U	0.17 U	0.18 U
Bis(2-Ethylhexyl)Phthalate	0.71 U	0.077 J	0.17 U	0.18 U
Butylbenzylphthalate	0.71 U	0.21 U	0.048 J	0.081 J
Di-N-Butylphthalate	0.71 U	2.1 U	1.4 U	2.1 U
Di-N-Octylphthalate	0.71 U	0.21 U	0.17 U	0.18 U
Dibenzofuran	0.71 U	0.21 U	0.17 U	0.18 U
Diethylphthalate	0.71 U	0.21 U	0.17 U	0.18 U
Dimethylphthalate	0.71 U	0.21 U	0.17 U	0.18 U
Hexachlorobenzene	0.71 U	0.21 U	0.17 U	0.18 U
Hexachlorobutadiene	0.71 U	0.21 U	0.17 U	0.18 U
Hexachlorocyclopentadiene	0.71 U	0.21 U	0.17 U	0.18 U
Hexachloroethane	0.71 U	0.21 U	0.17 U	0.18 U
Isophorone	0.71 U	0.21 U	0.17 U	0.18 U
N-Nitroso-Di-Phenylamine	0.71 U	0.21 U	0.17 U	0.18 U
N-Nitroso-Di-Propylamine	0.71 U	0.21 U	0.17 U	0.18 U
N-Nitroso-Dimethylamine	0.71 U	0.21 U	0.17 U	0.18 U
Pentachlorophenol	0.71 U	0.21 U	0.17 U	0.18 U
Phenol	0.71 U	0.21 U	0.17 U	0.18 U

Table B.5-3
Area 12 - Works Magazine Landfill Soil SVOC Results

Area	12	12
Sample ID	12-TP-504-S-2-DAVG	12-TP-505-S-2-DAVG
Date Sampled	4/17/92	4/17/92
Depth	3 to 6	3 to 6
Semivolatiles (mg/kg dry)		
1,2,4-Trichlorobenzene	0.18 U	0.21 U
1,2-Dichlorobenzene	0.18 U	0.21 U
1,3-Dichlorobenzene	0.18 U	0.21 U
1,4-Dichlorobenzene	0.18 U	0.21 U
2,4,5-Trichlorophenol	0.88 U	1 U
2,4,6-Trichlorophenol	0.18 U	0.21 U
2,4-Dichlorophenol	0.18 U	0.21 U
2,4-Dimethylphenol	0.18 U	0.21 U
2,4-Dinitrophenol	0.88 U	1 U
2-Chloronaphthalene	0.18 U	0.21 U
2-Chlorophenol	0.18 U	0.21 U
2-Methylphenol	0.18 U	0.21 U
2-Nitroaniline	0.88 U	1 U
2-Nitrophenol	0.18 U	0.21 U
3,3'-Dichlorobenzidine	0.35 U	0.41 U
3-Nitroaniline	0.88 U	1 U
4,6-Dinitro-2-Methylphenol	0.88 U	1 U
4-Bromophenyl Phenyl Ether	0.18 U	0.21 U
4-Chloroaniline	0.18 U	0.21 U
4-Chlorophenyl-Phenylether	0.18 U	0.21 U
4-Methylphenol	0.18 U	0.21 U
4-Nitroaniline	0.88 U	1 U
4-Nitrophenol	0.88 U	1 U
Aniline	0.18 U	0.21 U
Benzidine	1.8 U	2.1 U
Benzoic Acid	0.88 U	1 U
Benzyl Alcohol	0.18 U	0.21 U
Bis(2-Chloroethoxy) Methane	0.18 U	0.21 U
Bis(2-Chloroethyl) Ether	0.18 U	0.21 U
Bis(2-Chloroisopropyl) Ether	0.18 U	0.21 U
Bis(2-Ethylhexyl)Phthalate	0.18 U	0.07 J
Butylbenzylphthalate	0.18 U	0.21 U
Di-N-Butylphthalate	1.7 U	2.1 U
Di-N-Octylphthalate	0.18 U	0.21 U
Dibenzofuran	0.18 U	0.21 U
Diethylphthalate	0.18 U	0.21 U
Dimethylphthalate	0.18 U	0.21 U
Hexachlorobenzene	0.18 U	0.21 U
Hexachlorobutadiene	0.18 U	0.21 U
Hexachlorocyclopentadiene	0.18 U	0.21 U
Hexachloroethane	0.18 U	0.21 U
Isophorone	0.18 U	0.21 U
N-Nitroso-Di-Phenylamine	0.18 U	0.21 U
N-Nitroso-Di-Propylamine	0.18 U	0.21 U
N-Nitroso-Dimethylamine	0.18 U	0.21 U
Pentachlorophenol	0.18 U	0.21 U
Phenol	0.18 U	0.21 U

Table B.5-4
Area 12 - Works Magazine Landfill Soil PAH Results

Area	12	12	12	12	12	12	12	12
Sample ID	12-1-B-501A-S-2	12-1-B-501A-S-5	12-1-TP-502-S-2-DAVG	12-2-B-501-S-2A	12-2-B-501-S-2-DAVG	12-2-B-501-S-5	12-2-B-502-S-2-DAVG	12-2-B-502-S-5-DAVG
Date Sampled	3/23/92	3/23/92	4/16/92	3/24/92	3/24/92	3/24/92	3/24/92	3/24/92
Depth	5 to 8	20 to 23	3 to 5	8 to 9.5	5 to 8	20 to 23	5 to 8	20 to 23
PAHs (mg/kg dry)								
Benzo(a)Anthracene	0.018 U	0.018 U	0.018 U	0.18 U	0.019 U	0.018 U	0.021 U	0.018 U
Benzo(a)Pyrene	0.018 U	0.018 U	0.018 U	0.18 U	0.019 U	0.018 U	0.021 U	0.018 U
Benzo(b)Fluoranthene	0.018 U	0.018 U	0.018 U	0.18 U	0.019 U	0.018 U	0.021 U	0.018 U
Benzo(k)Fluoranthene	0.018 U	0.018 U	0.018 U	0.18 U	0.019 U	0.018 U	0.021 U	0.018 U
Chrysene	0.018 U	0.018 U	0.018 U	0.18 U	0.019 U	0.018 U	0.021 U	0.018 U
Dibenz(a,h)anthracene	0.037 U	0.037 U	0.036 U	0.18 U	0.04 U	0.036 U	0.044 U	0.036 U
Indeno(1,2,3-cd)pyrene	0.018 U	0.018 U	0.018 U	0.18 U	0.019 U	0.018 U	0.021 U	0.018 U
Total Carcinogenic PAHs (BaP TEQs)	*0.060598 U*	*0.060598 U*	*0.059598 U*	*0.41598 U*	*0.064909 U*	*0.059598 U*	*0.071531 U*	*0.059598 U*
2-Methylnaphthalene	0.19 U		0.18 U	0.18 U			3.7 U	
Acenaphthene	0.18 U	0.18 U	0.18 U	0.18 U	0.19 U	0.18 U	0.21 U	0.18 U
Acenaphthylene	0.18 U	0.18 U	0.18 U	0.18 U	0.19 U	0.18 U	0.21 U	0.18 U
Anthracene	0.0091 U	0.0089 U	0.0088 U	0.18 U	0.0097 U	0.0088 U	0.0107 U	0.0088 U
Benzo(g,h,i)Perylene	0.018 U	0.018 U	0.018 U	0.18 U	0.019 U	0.018 U	0.021 U	0.018 U
Fluoranthene	0.018 U	0.018 U	0.018 U	0.18 U	0.019 U	0.018 U	0.021 U	0.018 U
Fluorene	0.018 U	0.018 U	0.018 U	0.18 U	0.019 U	0.018 U	0.021 U	0.018 U
Naphthalene	0.091 U	0.089 U	0.088 U	0.18 U	0.097 U	0.088 U	0.107 U	0.088 U
Phenanthrene	0.0091 U	0.0089 U	0.0088 U	0.18 U	0.0097 U	0.0088 U	0.0107 U	0.0088 U
Pyrene	0.018 U	0.018 U	0.018 U	0.18 U	0.019 U	0.018 U	0.021 U	0.018 U
Total Non-carcinogenic PAHs	*0.7312 U*	*0.5388 U*	*0.7176 U*	*1.8 U*	*0.5724 U*	*0.5376 U*	*4.3324 U*	*0.5376 U*

Table B.5-4
Area 12 - Works Magazine Landfill Soil PAH Results

Area	12	12	12	12	12	12	12	12
Sample ID	12-2-TP-501-S-3	12-2-TP-503-S-4	12-2-TP-505-S-1	12-2-TP-505-S-2-DAVG	12-2-TP-505-S-3	12-3-TP-501-S-2-DAVG	12-5-TP-502-S-2-DAVG	12-5-TP-502-S-3-DAVG
Date Sampled	4/16/92	4/13/92	4/13/92	4/15/92	4/15/92	4/16/92	4/17/92	4/17/92
Depth	8 to 10	4 to 6	0 to 1	3 to 6	9 to 10	2 to 4	3 to 5.5	8 to 10
PAHs (mg/kg dry)								
Benzo(a)Anthracene	0.17 U	0.02 U	0.019 U	0.019 U	0.018 U	0.21 U	0.077 U	0.018 U
Benzo(a)Pyrene	0.17 U	0.02 U	0.019 U	0.019 U	0.018 U	0.21 U	0.077 U	0.018 U
Benzo(b)Fluoranthene	0.17 U	0.02 U	0.019 U	0.019 U	0.018 U	0.21 U	0.077 U	0.018 U
Benzo(k)Fluoranthene	0.17 U	0.02 U	0.019 U	0.019 U	0.018 U	0.21 U	0.077 U	0.018 U
Chrysene	0.17 U	0.02 U	0.019 U	0.019 U	0.018 U	0.21 U	0.077 U	0.018 U
Dibenz(a,h)anthracene	0.17 U	0.04 U	0.038 U	0.039 U	0.037 U	0.21 U	0.16 U	0.036 U
Indeno(1,2,3-cd)pyrene	0.17 U	0.02 U	0.019 U	0.019 U	0.018 U	0.21 U	0.077 U	0.018 U
Total Carcinogenic PAHs (BaP TEQs)	*0.39287 U*	*0.06622 U*	*0.062909 U*	*0.063909 U*	*0.060598 U*	*0.48531 U*	*0.260947 U*	*0.059598 U*
2-Methylnaphthalene	0.17 U	0.19 U	0.18 U	0.18 U	0.18 U	0.21 U	33 U	
Acenaphthene	0.17 U	0.2 U	0.19 U	0.19 U	0.18 U	0.21 U	0.77 U	0.18 U
Acenaphthylene	0.17 U	0.2 U	0.19 U	0.19 U	0.18 U	0.21 U	0.77 U	0.18 U
Anthracene	0.17 U	0.0098 U	0.0094 U	0.0095 U	0.0089 U	0.21 U	0.038 U	0.0088 U
Benzo(g,h,i)Perylene	0.17 U	0.02 U	0.019 U	0.019 U	0.018 U	0.21 U	0.077 U	0.018 U
Fluoranthene	0.17 U	0.039 J	0.019 U	0.019 U	0.018 U	0.21 U	0.077 U	0.018 U
Fluorene	0.17 U	0.02 U	0.019 U	0.019 U	0.018 U	0.21 U	0.077 U	0.018 U
Naphthalene	0.17 U	0.098 U	0.094 U	0.095 U	0.089 U	0.21 U	0.4	0.088 U
Phenanthrene	0.17 U	0.0098 U	0.0094 U	0.0095 U	0.0089 U	0.078 J	0.038 U	0.0088 U
Pyrene	0.17 U	0.02 U	0.019 U	0.019 U	0.018 U	0.21 U	0.077 U	0.018 U
Total Non-carcinogenic PAHs	*1.7 U*	*0.4228*	*0.7488 U*	*0.75 U*	*0.7188 U*	*1.023*	*17.862*	*0.5376 U*

Table B.5-4
Area 12 - Works Magazine Landfill Soil PAH Results

Area	12	12	12	12	12	12	12	12
Sample ID	12-6-B-501-S-3	12-6-TP-502-S-2	12-6-TP-502-S-3	12-7-B-501-S-2	12-7-B-501-S-3	12-7-TP-501-S-3	12-TP-501-S-2-DAVG	12-TP-502-S-2-DAVG
Date Sampled	3/25/92	4/17/92	4/17/92	3/25/92	3/25/92	4/17/92	4/16/92	4/17/92
Depth	10 to 13	3 to 6	8 to 10	5 to 8	10 to 13	8 to 10	3 to 4.5	3 to 6
PAHs (mg/kg dry)								
Benzo(a)Anthracene	0.018 U	0.2 U	0.018 U	0.71 U	0.018 U	0.017 U	0.022 U	0.017 U
Benzo(a)Pyrene	0.018 U	0.2 U	0.018 U	0.71 U	0.018 U	0.017 U	0.022 U	0.017 U
Benzo(b)Fluoranthene	0.018 U	0.2 U	0.018 U	0.71 U	0.018 U	0.017 U	0.022 U	0.017 U
Benzo(k)Fluoranthene	0.018 U	0.2 U	0.018 U	0.71 U	0.018 U	0.017 U	0.022 U	0.017 U
Chrysene	0.018 U	0.2 U	0.018 U	0.71 U	0.018 U	0.017 U	0.022 U	0.017 U
Dibenz(a,h)anthracene	0.036 U	0.2 U	0.037 U	0.71 U	0.036 U	0.036 U	0.045 U	0.036 U
Indeno(1,2,3-cd)pyrene	0.018 U	0.2 U	0.018 U	0.71 U	0.018 U	0.017 U	0.022 U	0.017 U
Total Carcinogenic PAHs (BaP TEQs)	*0.059598 U*	*0.4622 U*	*0.060598 U*	*1.64081 U*	*0.059598 U*	*0.058287 U*	*0.073842 U*	*0.058287 U*
2-Methylnaphthalene		0.2 U		0.71 U			0.21 U	0.17 U
Acenaphthene	0.18 U	0.2 U	0.18 U	0.71 U	0.18 U	0.17 U	0.22 U	0.17 U
Acenaphthylene	0.18 U	0.2 U	0.18 U	0.71 U	0.18 U	0.17 U	0.22 U	0.17 U
Anthracene	0.0088 U	0.2 U	0.0089 U	0.71 U	0.0089 U	0.0087 U	0.011 U	0.0087 U
Benzo(g,h,i)Perylene	0.018 U	0.2 U	0.018 U	0.71 U	0.018 U	0.017 U	0.022 U	0.017 U
Fluoranthene	0.018 U	0.2 U	0.018 U	0.71 U	0.018 U	0.017 U	0.022 U	0.017 U
Fluorene	0.018 U	0.2 U	0.018 U	0.71 U	0.018 U	0.017 U	0.022 U	0.017 U
Naphthalene	0.088 U	0.2 U	0.089 U	0.71 U	0.089 U	0.087 U	0.11 U	0.087 U
Phenanthrene	0.0088 U	0.2 U	0.0089 U	0.71 U	0.0089 U	0.0087 U	0.011 U	0.0087 U
Pyrene	0.018 U	0.2 U	0.018 U	0.71 U	0.018 U	0.017 U	0.022 U	0.017 U
Total Non-carcinogenic PAHs	*0.5376 U*	*2 U*	*0.5388 U*	*7.1 U*	*0.5388 U*	*0.5124 U*	*0.87 U*	*0.6824 U*

Table B.5-4
Area 12 - Works Magazine Landfill Soil PAH Results

Area	12	12	12
Sample ID	12-TP-503-S-2	12-TP-504-S-2-DAVG	12-TP-505-S-2-DAVG
Date Sampled	4/16/92	4/17/92	4/17/92
Depth	3 to 6	3 to 6	3 to 6
PAHs (mg/kg dry)			
Benzo(a)Anthracene	0.018 U	0.017 U	0.022 U
Benzo(a)Pyrene	0.018 U	0.017 U	0.022 U
Benzo(b)Fluoranthene	0.018 U	0.017 U	0.022 U
Benzo(k)Fluoranthene	0.018 U	0.017 U	0.022 U
Chrysene	0.018 U	0.017 U	0.022 U
Dibenz(a,h)anthracene	0.036 U	0.036 U	0.044 U
Indeno(1,2,3-cd)pyrene	0.018 U	0.017 U	0.022 U
Total Carcinogenic PAHs (BaP TEQs)	*0.059598 U*	*0.058287 U*	*0.072842 U*
2-Methylnaphthalene	0.18 U	0.18 U	0.21 U
Acenaphthene	0.18 U	0.17 U	0.22 U
Acenaphthylene	0.18 U	0.17 U	0.22 U
Anthracene	0.0088 U	0.0087 U	0.011 U
Benzo(g,h,i)Perylene	0.018 U	0.017 U	0.022 U
Fluoranthene	0.018 U	0.017 U	0.022 U
Fluorene	0.018 U	0.017 U	0.022 U
Naphthalene	0.088 U	0.087 U	0.11 U
Phenanthrene	0.0088 U	0.0087 U	0.081 J
Pyrene	0.018 U	0.017 U	0.022 U
Total Non-carcinogenic PAHs	*0.7176 U*	*0.6924 U*	*0.5105*

Table B.5-5
Area 12 - Works Magazine Landfill Soil Pesticide and PCB Results

Area	12	12	12	12
Sample ID	12-1-B-501A-S-2	12-2-B-501-S-2A	12-2-B-502-S-2-DAVG	12-2-TP-501-S-2
Date Sampled	3/23/92	3/24/92	3/24/92	4/15/92
Depth	5 to 8	8 to 9.5	5 to 8	3 to 6
Pesticides (mg/kg dry)				
4,4'-DDD	0.011 U	0.011 U	0.011 U	0.011 U
4,4'-DDE	0.011 U	0.011 U	0.011 U	0.011 U
4,4'-DDT	0.011 U	0.011 U	0.011 U	0.011 U
Aldrin	0.0056 U	0.0054 U	0.0056 U	0.0057 U
Alpha-BHC	0.0056 U	0.0054 U	0.0056 U	0.0057 U
Beta-BHC	0.0056 U	0.0054 U	0.0056 U	0.0057 U
Chlordane	0.056 U	0.054 U	0.056 U	0.057 U
Delta-BHC	0.0056 U	0.0054 U	0.0056 U	0.0057 U
Dieldrin	0.011 U	0.011 U	0.011 U	0.011 U
Endosulfan I	0.0056 U	0.0054 U	0.0056 U	0.0057 U
Endosulfan II	0.011 U	0.011 U	0.011 U	0.011 U
Endosulfan Sulfate	0.011 U	0.011 U	0.011 U	0.011 U
Endrin	0.011 U	0.011 U	0.011 U	0.011 U
Endrin Ketone	0.011 U	0.011 U	0.011 U	0.011 U
Gamma-BHC	0.0056 U	0.0054 U	0.0056 U	0.0057 U
Heptachlor	0.0056 U	0.0054 U	0.0056 U	0.0057 U
Heptachlor Epoxide	0.0056 U	0.0054 U	0.0056 U	0.0057 U
Methoxychlor	0.056 U	0.054 U	0.056 U	0.057 U
Toxaphene				0.11 U
Azinphos Methyl (Guthion)	0.15 U	0.14 U	0.15 U	
Demeton (Total)	0.075 U	0.072 U	0.075 U	
Diazinon	0.037 U	0.036 U	0.037 U	
Disulfoton	0.037 U	0.036 U	0.037 U	
Malathion	0.037 U	0.036 U	0.037 U	
Methyl Parathion	0.037 U	0.036 U	0.037 U	
Parathion	0.037 U	0.036 U	0.037 U	
PCBs (mg/kg dry)				
PCB-1016	0.11 U	0.11 U	0.11 U	0.11 U
PCB-1221	0.11 U	0.11 U	0.11 U	0.11 U
PCB-1232	0.11 U	0.11 U	0.11 U	0.11 U
PCB-1242	0.11 U	0.11 U	0.11 U	0.11 U
PCB-1248	0.11 U	0.11 U	0.11 U	0.11 U
PCB-1254	0.11 U	0.11 U	0.11 U	0.11 U
PCB-1260	0.11 U	0.11 U	0.11 U	0.11 U

Table B.5-5
Area 12 - Works Magazine Landfill Soil Pesticide and PCB Results

Area	12	12	12	12
Sample ID	12-3-TP-501-S-2-DAVG	12-3-TP-503-S-2	12-7-B-501-S-2	12-7-B-501-S-3
Date Sampled	4/16/92	4/16/92	3/25/92	3/25/92
Depth	2 to 4	3 to 6	5 to 8	10 to 13
Pesticides (mg/kg dry)				
4,4'-DDD	0.013 U	0.011 U	0.011 U	0.011 U
4,4'-DDE	0.013 U	0.011 U	0.011 U	0.011 U
4,4'-DDT	0.013 U	0.011 U	0.011 U	0.011 U
Aldrin	0.0064 U	0.0057 U	0.0053 U	0.0053 U
Alpha-BHC	0.0064 U	0.0057 U	0.0053 U	0.0053 U
Beta-BHC	0.0064 U	0.0057 U	0.0053 U	0.0053 U
Chlordane	0.064 U	0.057 U	0.053 U	0.053 U
Delta-BHC	0.0064 U	0.0057 U	0.0053 U	0.0053 U
Dieldrin	0.013 U	0.011 U	0.011 U	0.011 U
Endosulfan I	0.0064 U	0.0057 U	0.0053 U	0.0053 U
Endosulfan II	0.013 U	0.011 U	0.011 U	0.011 U
Endosulfan Sulfate	0.013 U	0.011 U	0.011 U	0.011 U
Endrin	0.013 U	0.011 U	0.011 U	0.011 U
Endrin Ketone	0.013 U	0.011 U	0.011 U	0.011 U
Gamma-BHC	0.0064 U	0.0057 U	0.0053 U	0.0053 U
Heptachlor	0.0064 U	0.0057 U	0.0053 U	0.0053 U
Heptachlor Epoxide	0.0064 U	0.0057 U	0.0053 U	0.0053 U
Methoxychlor	0.064 U	0.057 U	0.053 U	0.053 U
Toxaphene	0.13 U	0.11 U		
Azinphos Methyl (Guthion)		0.15 U	0.14 U	0.14 U
Demeton (Total)		0.076 U	0.071 U	0.071 U
Diazinon		0.038 U	0.035 U	0.035 U
Disulfoton		0.038 U	0.035 U	0.035 U
Malathion		0.038 U	0.035 U	0.035 U
Methyl Parathion		0.038 U	0.035 U	0.035 U
Parathion		0.038 U	0.035 U	0.035 U
PCBs (mg/kg dry)				
PCB-1016		0.11 U	0.11 U	0.11 U
PCB-1221		0.11 U	0.11 U	0.11 U
PCB-1232		0.11 U	0.11 U	0.11 U
PCB-1242		0.11 U	0.11 U	0.11 U
PCB-1248		0.11 U	0.11 U	0.11 U
PCB-1254		0.11 U	0.11 U	0.11 U
PCB-1260		0.11 U	0.11 U	0.11 U

Table B.5-5
Area 12 - Works Magazine Landfill Soil Pesticide and PCB Results

Area	12	12	12
Sample ID	12-TP-501-S-2-DAVG	12-TP-502-S-2-DAVG	12-TP-505-S-2-DAVG
Date Sampled	4/16/92	4/17/92	4/17/92
Depth	3 to 4.5	3 to 6	3 to 6
Pesticides (mg/kg dry)			
4,4'-DDD	0.013 U	0.01 U	0.012 U
4,4'-DDE	0.013 U	0.01 U	0.012 U
4,4'-DDT	0.013 U	0.01 U	0.012 U
Aldrin	0.0063 U	0.0052 U	0.0059 U
Alpha-BHC	0.0063 U	0.0052 U	0.0059 U
Beta-BHC	0.0063 U	0.0052 U	0.0059 U
Chlordane	0.063 U	0.052 U	0.059 U
Delta-BHC	0.0063 U	0.0052 U	0.0059 U
Dieldrin	0.013 U	0.01 U	0.012 U
Endosulfan I	0.0063 U	0.0052 U	0.0059 U
Endosulfan II	0.013 U	0.01 U	0.012 U
Endosulfan Sulfate	0.013 U	0.01 U	0.012 U
Endrin	0.013 U	0.01 U	0.012 U
Endrin Ketone	0.013 U	0.01 U	0.012 U
Gamma-BHC	0.0063 U	0.0052 U	0.0059 U
Heptachlor	0.0063 U	0.0052 U	0.0059 U
Heptachlor Epoxide	0.0063 U	0.0052 U	0.0059 U
Methoxychlor	0.063 U	0.052 U	0.059 U
Toxaphene	0.13 U	0.1 U	0.12 U
Azinphos Methyl (Guthion)			
Demeton (Total)			
Diazinon			
Disulfoton			
Malathion			
Methyl Parathion			
Parathion			
PCBs (mg/kg dry)			
PCB-1016	0.13 U	0.1 U	0.12 U
PCB-1221	0.13 U	0.1 U	0.12 U
PCB-1232	0.13 U	0.1 U	0.12 U
PCB-1242	0.13 U	0.1 U	0.12 U
PCB-1248	0.13 U	0.1 U	0.12 U
PCB-1254	0.13 U	0.1 U	0.12 U
PCB-1260	0.13 U	0.1 U	0.12 U

Table B.5-6
Area 12 - Works Magazine Landfill Soil TPH Results

Area	12	12	12	12	12	12	12	12
Sample ID	12-1-B-501A-S-1	12-1-B-501A-S-2	12-1-B-501A-S-3	12-1-B-501A-S-4	12-1-B-501A-S-5	12-1-TP-501-S-2	12-1-TP-502-S-2-DAVG	12-1-TP-503-S-2-DAVG
Date Sampled	3/23/92	3/23/92	3/23/92	3/23/92	3/23/92	4/15/92	4/16/92	4/16/92
Depth	0 to 1	5 to 8	10 to 13	15 to 18	20 to 23	3 to 6	3 to 5	3 to 6
TPH (mg/kg dry)								
TPH Scan								
Oil And Grease	20 U	120	26	20 U	20 U	22 U	21 U	21 U

Area	12	12	12	12	12	12	12	12
Sample ID	12-1-TP-6,S-1	12-1-TP-6,S-2	12-2-B-501-S-1	12-2-B-501-S-3A	12-2-B-501-S-4-DAVG	12-2-B-501-S-5	12-2-B-502-S-1-DAVG	12-2-B-502-S-2-DAVG
Date Sampled	4/24/87	4/24/87	3/24/92	3/24/92	3/24/92	3/24/92	3/24/92	3/24/92
Depth	0 to 3	3 to 6	0 to 1	13 to 14.5	15 to 18	20 to 23	0 to 1	5 to 8
TPH (mg/kg dry)								
TPH Scan	230 X	500 X						
Oil And Grease			20 U	20 U	20 U	20 U	20 U	10000

Area	12	12	12	12	12	12	12	12
Sample ID	12-2-B-502-S-3	12-2-B-502-S-4	12-2-B-502-S-5-DAVG	12-2-TP-10,S-1	12-2-TP-10,S-2	12-2-TP-501-S-2	12-2-TP-501-S-3	12-2-TP-502-S-2
Date Sampled	3/24/92	3/24/92	3/24/92	4/23/87	4/23/87	4/15/92	4/16/92	4/14/92
Depth	10 to 12.3	15 to 18	20 to 23	0 to 3	3 to 6	3 to 6	8 to 10	3 to 6
TPH (mg/kg dry)								
TPH Scan				19000 X	1200 X			
Oil And Grease	1600	20 U	20 U			10000	21 U	160

Table B.5-6
Area 12 - Works Magazine Landfill Soil TPH Results

Area	12	12	12	12	12	12	12	12
Sample ID	12-2-TP-503-S-2	12-2-TP-504-S-2-DAVG	12-2-TP-505-S-2-DAVG	12-2-TP-9,S-1	12-2-TP-9,S-2	12-3-TP-3,S-1	12-3-TP-3,S-2	12-4-TP-2,S-1
Date Sampled	4/15/92	4/15/92	4/15/92	4/24/87	4/24/87	4/27/87	4/27/87	11/11/86
Depth	2 to 4	3 to 6	3 to 6	0 to 3	3 to 6	0 to 3	3 to 6	0 to 3
TPH (mg/kg dry)								
TPH Scan				73 X	910 X	36 X	110 X	22 U
Oil And Grease	23 U	21 U	22 U					

Area	12	12	12	12	12	12	12	12
Sample ID	12-5-TP-3,S-1	12-5-TP-3,S-2	12-5-TP-501-S-2	12-5-TP-502-S-2-DAVG	12-5-TP-502-S-3-DAVG	12-5-TP-503-S-3	12-6-B-501-S-2	12-6-B-501-S-5
Date Sampled	4/27/87	4/27/87	4/17/92	4/17/92	4/17/92	4/17/92	3/25/92	3/25/92
Depth	0 to 3	3 to 6	3 to 6	3 to 5.5	8 to 10	4 to 6	5 to 8	20 to 23
TPH (mg/kg dry)								
TPH Scan	20000 X	4700 X						
Oil And Grease			3600	36000	1800	21 U	20 U	20 U

Area	12	12	12	12	12	12	12	12
Sample ID	12-6-TP-3,S-1	12-6-TP-3,S-2-DAVG	12-6-TP-502-S-2	12-6-TP-502-S-3	12-7-B-501-S-2	12-7-B-501-S-3	12-7-B-501-S-5	12-7-TP-501-S-2
Date Sampled	4/27/87	4/27/87	4/17/92	4/17/92	3/25/92	3/25/92	3/25/92	4/17/92
Depth	0 to 3	3 to 6	3 to 6	8 to 10	5 to 8	10 to 13	20 to 22.4	3 to 6
TPH (mg/kg dry)								
TPH Scan	39 X	1400 X						
Oil And Grease			55	22 U	1600	870	20 U	21 U

Table B.5-6
Area 12 - Works Magazine Landfill Soil TPH Results

Area	12	12	12	12	12	12	12	12
Sample ID	12-7-TP-501-S-3	12-TP-501-S-1-DAVG	12-TP-501-S-2-DAVG	12-TP-501-S-3	12-TP-502-S-1-DAVG	12-TP-502-S-2-DAVG	12-TP-502-S-3	12-TP-503-S-1
Date Sampled	4/17/92	4/16/92	4/16/92	4/16/92	4/16/92	4/17/92	4/16/92	4/16/92
Depth	8 to 10	0 to 1	3 to 4.5	9 to 10	0 to 1	3 to 6	8 to 10	0 to 1
TPH (mg/kg dry)								
TPH Scan								
Oil And Grease	21 U	24 U	20 U	21 U	25 U	21 U	21 U	26 U

Area	12	12	12	12	12	12	12	12
Sample ID	12-TP-503-S-2	12-TP-503-S-3	12-TP-504-S-1-DAVG	12-TP-504-S-2-DAVG	12-TP-504-S-3	12-TP-505-S-1-DAVG	12-TP-505-S-2-DAVG	12-TP-505-S-3
Date Sampled	4/16/92	4/16/92	4/17/92	4/17/92	4/17/92	4/17/92	4/17/92	4/17/92
Depth	3 to 6	8 to 10	0 to 1	3 to 6	8 to 10	0 to 1	3 to 6	8 to 10
TPH (mg/kg dry)								
TPH Scan								
Oil And Grease	21 U	21 U	26 U	21 U	21 U	39	290	22 U

Table B.6-1
Area 16 - Kettle Beneath Area 5 Soil Metals Results

Area	16	16	16	16	16	16	16	16
Sample ID	16-B-3,S-5-DAVG	16-B-4,S-1	16-B-4,S-3	16-B-4,S-4-DAVG	16-B-4,S-5	16-B-5,S-3	16-B-5,S-7-DAVG	16-B-501-S-10A
Date Sampled	4/27/87	4/27/87	4/28/87	4/28/87	4/27/87	4/27/87	4/27/87	7/16/92
Depth	12.5 to 14	2.5 to 4	7.5 to 9	10 to 11.5	11.5 to 14	6.5 to 8	16.5 to 18	46.5 to 48
Total Metals (mg/kg dry)								
Arsenic								
Cadmium								
Chromium								
Copper								
Lead	46	80	180	64	91	34	30	5.6 U
Mercury								
Nickel								
Zinc								

Area	16	16	16	16	16	16	16	16
Sample ID	16-B-501-S-12	16-B-501-S-13A	16-B-501-S-15	16-B-501-S-1B	16-B-501-S-1-DAVG	16-B-501-S-3	16-B-501-S-4	16-B-501-S-5
Date Sampled	7/16/92	7/16/92	7/16/92	7/14/92	7/14/92	7/14/92	7/14/92	7/14/92
Depth	55 to 56.5	62.5 to 64	70 to 71.5	2.5 to 3.5	0 to 1	7.5 to 9	15 to 16.5	20 to 21.5
Total Metals (mg/kg dry)								
Arsenic				21	120	8.7	5.8	
Cadmium				0.085 J	0.36 J	0.072 J	0.12 J	
Chromium				11	12	7.3	8.2	
Copper				3.6	53	5.6	7	
Lead	14	13	5.5 U	400	1400	75	58	51
Mercury				4.3	100	0.56	0.087 U	
Nickel				10	11	8.5	18	
Zinc				45	210	17	16	

Table B.6-1
Area 16 - Kettle Beneath Area 5 Soil Metals Results

Area	16	16	16	16	16	16	16	16
Sample ID	16-B-501-S-7-DAVG	16-B-502-S-2	16-B-503-S-2	16-B-503-S-3	16-B-503-S-5	16-B-503-S-7	16-B-503-S-8	16-B-504-S-2
Date Sampled	7/14/92	2/24/92	2/24/92	2/24/92	2/24/92	2/24/92	2/24/92	2/25/92
Depth	30 to 31.5	4 to 7	4 to 7	9 to 10.5	14 to 15.5	19 to 20.5	21.5 to 23	5.5 to 7
Total Metals (mg/kg dry)								
Arsenic			2.3					220
Cadmium			0.042					0.084
Chromium			8.7					19
Copper			13					13
Lead	22	35	300	220	6.4	20	21	480
Mercury			0.077 U					1.5
Nickel			14					10
Zinc			25					21

Area	16	16	16	16	16	16	16	16
Sample ID	16-B-504-S-2A	16-B-504-S-3	16-B-504-S-4A	16-B-504-S-5	16-B-504-S-5A	16-B-504-S-6A	16-B-505-S-1-DAVG	16-B-505-S-2
Date Sampled	2/25/92	2/25/92	2/25/92	2/25/92	2/25/92	2/25/92	7/14/92	7/14/92
Depth	7 to 8.5	9 to 10.5	17 to 16.5	19 to 22	22 to 23.5	17 to 28.5	0 to 1	5 to 6.5
Total Metals (mg/kg dry)								
Arsenic	41	330	18 J	9.4 J	2.5 J		49	44
Cadmium	0.024	0.049					0.048 J	0.055 J
Chromium	17	17					15	15
Copper	10	15					12	11
Lead	430	38		5.7 U		6.8	190	110
Mercury	0.47	0.59 J					3 J	3 J
Nickel	12	14					11	10
Zinc	15	17					19	21

Table B.6-1
Area 16 - Kettle Beneath Area 5 Soil Metals Results

Area	16	16	16	16	16	16	16	16
Sample ID	16-B-505-S-3	16-B-505-S-4A	16-B-505-S-5	16-B-505-S-5A	16-B-505-S-6	16-SS-401	16-SS-402	16-SS-504
Date Sampled	7/14/92	7/14/92	7/14/92	7/14/92	7/14/92	11/2/93	11/2/93	10/20/93
Depth	10 to 11.5	15.5 to 16.5	20 to 21.5	22.5 to 24	25 to 26.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	233			4.5 J		14	29	24
Cadmium	0.11 J							
Chromium	9.9							
Copper	19.4							
Lead	170	130	150		55			25 J
Mercury	0.075 U							
Nickel	10							
Zinc	15							

Area	16	16	16	16	16	16	16	16
Sample ID	16-SS-505	16-SS-506	16-SS-507	16-SS-508	16-SS-509	16-SS-510	16-SS-511	16-SS-512
Date Sampled	10/20/93	10/20/93	10/20/93	10/20/93	10/20/93	10/20/93	10/20/93	10/20/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	15	12	30	12	24	9.5	30	120
Cadmium								
Chromium								
Copper								
Lead	31 J	14 J	45 J	200 J	120 J	8 J	30 J	1100 J
Mercury				10		0.16		
Nickel								
Zinc								

Table B.6-1
Area 16 - Kettle Beneath Area 5 Soil Metals Results

Area	16	16	16	16	16	16	16	16
Sample ID	16-SS-513	16-SS-514	16-SS-515	16-SS-517	16-SS-518	16-SS-519	16-SS-520	16-SS-521
Date Sampled	10/20/93	10/20/93	10/20/93	10/20/93	10/20/93	10/20/93	10/20/93	10/20/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	9.5	18	30	28	29	33	7.1	8.2
Cadmium								
Chromium								
Copper								
Lead	210 J	33 J	21 J	46 J	6.2 UJ	34 J	8.8 J	9.9 J
Mercury	42		0.19					
Nickel								
Zinc								

Area	16	16	16	16	16	16	16	16
Sample ID	16-SS-522	16-SS-523	16-SS-524-DAVG	16-TP-10,S-2	16-TP-11,S-2	16-TP-12,S-2	16-TP-14,S-2	16-TP-16,S-2
Date Sampled	10/20/93	10/20/93	10/20/93	4/27/87	4/27/87	4/27/87	4/27/87	4/27/87
Depth	0 to 0.5	0 to 0.5	0 to 0.5	2 to 5	2 to 5	2 to 5	2 to 5	2 to 5
Total Metals (mg/kg dry)								
Arsenic	3	7.8	170					
Cadmium								
Chromium								
Copper								
Lead	5.8 UJ	5.8 J	1500	96	480	160	130	660
Mercury			59					
Nickel								
Zinc								

Table B.6-1
Area 16 - Kettle Beneath Area 5 Soil Metals Results

Area	16	16	16	16	16	16	16	16
Sample ID	16-TP-3,S-2	16-TP-501-S-1	16-TP-501-S-2	16-TP-501-S-3	16-TP-502-S-2	16-TP-502-S-3	16-TP-503-S-2	16-TP-503-S-3
Date Sampled	4/27/87	2/25/92	2/25/92	2/25/92	2/25/92	2/25/92	2/25/92	2/25/92
Depth	3 to 6	0 to 1	2 to 5.5	7 to 9	2 to 5	6.5 to 9	2 to 5	7 to 9
Total Metals (mg/kg dry)								
Arsenic								
Cadmium								
Chromium								
Copper								
Lead	11	50	6.1	5 U	12	130	6.3	5.2 U
Mercury								
Nickel								
Zinc								

Area	16	16	16	16	16	16	16	16
Sample ID	16-TP-504-S-2	16-TP-504-S-3	16-TP-505-S-2	16-TP-505-S-3	16-TP-507-S-2	16-TP-507-S-3	16-TP-508-S-2	16-TP-508-S-3
Date Sampled	2/25/92	2/25/92	2/25/92	3/11/92	3/11/92	3/11/92	3/11/92	3/11/92
Depth	2 to 5	7 to 9	2 to 5	7 to 9	2 to 5	7 to 9	2 to 5	7 to 9
Total Metals (mg/kg dry)								
Arsenic			436		171	244 J		
Cadmium			0.012		0.021			
Chromium			25		14			
Copper			16		8.9 U			
Lead	5.6 U	5.7 U	720	770	580	450	23	34
Mercury			1.6 J		0.4 J			
Nickel			8.5		5.3			
Zinc			13		8.5			

Table B.6-1
Area 16 - Kettle Beneath Area 5 Soil Metals Results

Area	16	16	16	16	16	16
Sample ID	16-TP-509-S-2	16-TP-509-S-3	16-TP-6,S-2	16-TP-7,S-2	16-TP-8,S-2	16-TP-9,S-2
Date Sampled	3/11/92	3/11/92	4/27/87	4/27/87	4/27/87	4/27/87
Depth	2 to 5	7 to 9	2 to 5	2 to 5	2 to 5	2 to 5
Total Metals (mg/kg dry)						
Arsenic	110	147				
Cadmium	0.063 J	0.033				
Chromium	24	17				
Copper	15	24				
Lead	390	710	100	920	160	140
Mercury	9.8	1.6 J				
Nickel	19	11				
Zinc	29	13				

Table B.6-2
Area 16 - Kettle Beneath Area 5 Soil TCLP Metals Results

Area	16	16
Sample ID	16-B-504-S-2	16-TP-509-S-2
Date Sampled	2/25/92	3/11/92
Depth	5.5 to 7	2 to 5
TCLP Metals (mg/L)		
Arsenic	0.05 U	0.05 U
Barium	0.32	0.12
Cadmium	0.005 U	0.005 U
Chromium	0.011	0.01 U
Lead	0.11	1
Mercury	0.0002 U	0.0002 U
Selenium	0.05 U	0.05 U
Silver	0.005 U	0.005 U

Table B.6-3
Area 16 - Kettle Beneath Area 5 Soil Explosives Results

Area	16	16	16	16	16	16	16	16
Sample ID	16-B-3,S-3	16-B-3,S-5-DAVG	16-B-3,S-7	16-B-4,S-1	16-B-4,S-3	16-B-4,S-4-DAVG	16-B-501-S-10A	16-B-501-S-12
Date Sampled	4/24/87	4/27/87	4/24/87	4/27/87	4/28/87	4/28/87	7/16/92	7/16/92
Depth	8.5 to 10	12.5 to 14	18.5 to 20	2.5 to 4	7.5 to 9	10 to 11.5	46.5 to 48	55 to 56.5
Explosives (mg/kg dry)								
1,3,5-Trinitrobenzene							0.032 U	0.032 U
1,3-Dinitrobenzene							0.043 U	0.043 U
2,4,6-Trinitrotoluene							0.0032 U	0.0032 U
2,4-Dinitrotoluene							0.0065 U	0.0064 U
2,6-Dinitrotoluene							0.0065 U	0.0064 U
Total DNT							*0.013 U*	*0.0128 U*
Monomethylamine Nitrate	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.042		
Nitrobenzene							0.064 U	0.064 U
Nitroglycerine								

Area	16	16	16	16	16	16	16	16
Sample ID	16-B-501-S-13A	16-B-501-S-15	16-B-501-S-16	16-B-501-S-1-DAVG	16-B-501-S-2A	16-B-501-S-3	16-B-501-S-3A	16-B-501-S-4
Date Sampled	7/16/92	7/16/92	7/16/92	7/14/92	7/14/92	7/14/92	7/14/92	7/14/92
Depth	62.5 to 64	70 to 71.5	75 to 76.5	0 to 1	7.5 to 9	7.5 to 9	12.5 to 14	15 to 16.5
Explosives (mg/kg dry)								
1,3,5-Trinitrobenzene	0.033 U		0.032 U	1.8 U	0.16 U	0.031 U		0.031 U
1,3-Dinitrobenzene	0.044 U		0.042 U	2.3 U	0.21 U	0.042 U		0.042 U
2,4,6-Trinitrotoluene	0.0033 U		0.0032 U	0.18 U	0.016 U	0.0031 U		0.0031 U
2,4-Dinitrotoluene	0.0065 U	0.18 U	0.0063 U	0.35 U	0.031 U	0.0063 U	0.18 U	0.0063 U
2,6-Dinitrotoluene	0.0065 U	0.18 U	0.0063 U	0.35 U	0.031 U	0.0063 U	0.18 U	0.0063 U
Total DNT	*0.013 U*	*0.36 U*	*0.0126 U*	*0.7 U*	*0.062 U*	*0.0126 U*	*0.36 U*	*0.0126 U*
Monomethylamine Nitrate								5.2 U
Nitrobenzene	0.065 U	0.18 U	0.063 U	3.5 U	0.31 U	0.062 U	0.18 U	0.062 U
Nitroglycerine				0.24 U	0.21 U			

Table B.6-3
Area 16 - Kettle Beneath Area 5 Soil Explosives Results

Area	16	16	16	16	16	16	16	16
Sample ID	16-B-501-S-4A	16-B-501-S-5A	16-B-501-S-6A	16-B-501-S-7A	16-B-501-S-9	16-B-502-S-2	16-B-503-S-2	16-B-503-S-3
Date Sampled	7/14/92	7/14/92	7/14/92	7/14/92	7/16/92	2/24/92	2/24/92	2/24/92
Depth	17.5 to 19	22.5 to 24	27.5 to 29	32.5 to 34	40 to 41.5	4 to 7	4 to 7	9 to 10.5
Explosives (mg/kg dry)								
1,3,5-Trinitrobenzene	0.032 U		0.032 U		0.032 U	0.034 U	0.037 UJ	0.037 UJ
1,3-Dinitrobenzene	0.042 U		0.043 U		0.042 U	0.046 U	0.049 U	0.049 U
2,4,6-Trinitrotoluene	0.0032 U		0.0032 U		0.0032 U	0.061 J	0.0037 U	0.0037 U
2,4-Dinitrotoluene	0.0064 U	0.18 U	0.0064 U	0.18 U	0.0063 U	0.0069 U	0.0073 U	0.0073 U
2,6-Dinitrotoluene	0.0064 U	0.18 U	0.0064 U	0.18 U	0.0063 U	0.0069 U	0.0073 U	0.0073 U
Total DNT	*0.0128 U*	*0.36 U*	*0.0128 U*	*0.36 U*	*0.0126 U*	*0.0138 U*	*0.0146 U*	*0.0146 U*
Monomethylamine Nitrate						5.7 U		
Nitrobenzene	0.063 U	0.18 U	0.064 U	0.18 U	0.063 U	0.068 U	0.073 U	0.072 U
Nitroglycerine						0.23 U		

Area	16	16	16	16	16	16	16	16
Sample ID	16-B-503-S-5	16-B-503-S-7	16-B-503-S-9	16-B-504-S-2	16-B-504-S-2A	16-B-504-S-3	16-B-504-S-4-DAVG	16-B-504-S-5
Date Sampled	2/24/92	2/24/92	2/24/92	2/25/92	2/25/92	2/25/92	2/25/92	2/25/92
Depth	14 to 15.5	19 to 20.5	24 to 25.5	5.5 to 7	7 to 8.5	9 to 10.5	14 to 15.5	19 to 22
Explosives (mg/kg dry)								
1,3,5-Trinitrobenzene	0.034 UJ	0.032 UJ	0.032 UJ		0.036 UJ	0.034 UJ	0.034 UJ	0.034 UJ
1,3-Dinitrobenzene	0.045 U	0.043 U	0.043 U		0.048 U	0.045 U	0.045 U	0.045 U
2,4,6-Trinitrotoluene	0.0034 U	0.0032 U	0.0032 U		0.0036 U	0.0034 U	0.0034 U	0.0034 U
2,4-Dinitrotoluene	0.0067 U	0.0065 U	0.0065 U		0.0072 U	0.0068 U	0.0067 U	0.0068 U
2,6-Dinitrotoluene	0.0067 U	0.0065 U	0.0065 U		0.0072 U	0.0068 U	0.0067 U	0.0068 U
Total DNT	*0.013 U*	*0.013 U*	*0.013 U*		*0.0144 U*	*0.0136 U*	*0.0134 U*	*0.0136 U*
Monomethylamine Nitrate				5.6 U			5.6 U	
Nitrobenzene	0.067 U	0.064 U	0.064 U		0.072 U	0.067 U	0.067 U	0.067 U
Nitroglycerine					0.24 U		0.22 U	

Table B.6-3
Area 16 - Kettle Beneath Area 5 Soil Explosives Results

Area	16	16	16	16	16	16	16	16
Sample ID	16-B-504-S-6	16-B-504-S-7	16-B-504-S-8	16-B-504-S-9	16-B-505-S-1-DAVG	16-B-505-S-2	16-B-505-S-3	16-B-505-S-4
Date Sampled	2/25/92	2/25/92	2/25/92	2/25/92	7/14/92	7/14/92	7/14/92	7/14/92
Depth	25 to 25.5	29 to 32	34 to 37	39 to 40.5	0 to 1	5 to 6.5	10 to 11.5	15 to 15.5
Explosives (mg/kg dry)								
1,3,5-Trinitrobenzene	0.033 UJ	0.031 UJ	0.031 UJ	0.031 UJ	0.32 U	0.35 U	0.033 U	0.17 U
1,3-Dinitrobenzene	0.044 U	0.041 U	0.041 U	0.042 U	0.43 U	0.46 U	0.044 U	0.23 U
2,4,6-Trinitrotoluene	0.0033 U	0.0031 U	0.0031 U	0.0031 U	0.032 U	0.035 U	0.0033 U	0.017 U
2,4-Dinitrotoluene	0.0066 U	0.0062 U	0.0062 U	0.0063 U	0.065 U	0.07 U	0.0066 U	0.034 U
2,6-Dinitrotoluene	0.0066 U	0.0062 U	0.0062 U	0.0063 U	0.065 U	0.07 U	0.0066 U	0.034 U
Total DNT	*0.0132 U*	*0.124 U*	*0.124 U*	*0.0126 U*	*0.13 U*	*0.14 U*	*0.0132 U*	*0.068 U*
Monomethylamine Nitrate	5.5 U							
Nitrobenzene	0.065 U	0.062 U	0.061 U	0.062 U	0.64 U	0.69 U	0.065 U	0.34 U
Nitroglycerine								

Area	16	16	16	16	16	16	16	16
Sample ID	16-B-505-S-5	16-B-505-S-6	16-TP-11,S-2	16-TP-16,S-2	16-TP-507-S-2	16-TP-507-S-3	16-TP-508-S-2	16-TP-508-S-3
Date Sampled	7/14/92	7/14/92	4/27/87	4/27/87	3/11/92	3/11/92	3/11/92	3/11/92
Depth	20 to 21.5	25 to 26.5	2 to 5	2 to 5	2 to 5	7 to 9	2 to 5	7 to 9
Explosives (mg/kg dry)								
1,3,5-Trinitrobenzene	0.034 U	0.035 U			0.035 U	0.033 U	0.032 U	0.032 U
1,3-Dinitrobenzene	0.045 U	0.046 U			0.047 U	0.044 U	0.042 U	0.042 U
2,4,6-Trinitrotoluene	0.0034 U	0.0035 U			0.0035 U	0.0033 U	0.0032 U	0.0032 U
2,4-Dinitrotoluene	0.0068 U	0.007 U			0.007 U	0.0067 U	0.0064 U	0.0063 U
2,6-Dinitrotoluene	0.0068 U	0.007 U			0.007 U	0.0067 U	0.0064 U	0.0063 U
Total DNT	*0.0136 U*	*0.014 U*			*0.014 U*	*0.134 U*	*0.0128 U*	*0.0126 U*
Monomethylamine Nitrate			0.03 U	0.03 U		5.6 U		5.3 U
Nitrobenzene	0.067 U	0.069 U			0.069 U	0.066 U	0.063 U	0.063 U
Nitroglycerine					0.23 U	0.22 U	0.21 U	0.21 U

Table B.6-4
Area 16 - Kettle Beneath Area 5 Soil SVOC Results

Area	16	16	16	16	16	16
Sample ID	16-B-501-S-1	16-B-501-S-10A	16-B-501-S-15	16-B-501-S-3A	16-B-501-S-5A	16-B-501-S-7A
Date Sampled	7/14/92	7/16/92	7/16/92	7/14/92	7/14/92	7/14/92
Depth	0 to 1	46.5 to 48	70 to 71.5	12.5 to 14	22.5 to 24	32.5 to 34
Semivolatiles (mg/kg dry)						
1,2,4-Trichlorobenzene	0.79 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U
1,2-Dichlorobenzene	0.79 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U
1,3-Dichlorobenzene	0.79 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U
1,4-Dichlorobenzene	0.79 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U
2,4,5-Trichlorophenol	4 U	0.93 U	0.88 U	0.88 U	0.88 U	0.9 U
2,4,6-Trichlorophenol	0.79 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U
2,4-Dichlorophenol	0.79 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U
2,4-Dimethylphenol	0.79 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U
2,4-Dinitrophenol	4 U	0.93 U	0.88 U	0.88 U	0.88 U	0.9 U
2-Chloronaphthalene	0.79 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U
2-Chlorophenol	0.79 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U
2-Methylphenol	0.79 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U
2-Nitroaniline	4 U	0.93 U	0.88 U	0.88 U	0.88 U	0.9 U
2-Nitrophenol	0.79 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U
3,3'-Dichlorobenzidine	1.6 U	0.37 U	0.35 U	0.35 U	0.35 U	0.36 U
3-Nitroaniline	4 U	0.93 U	0.88 U	0.88 U	0.88 U	0.9 U
4,6-Dinitro-2-Methylphenol	4 U	0.93 U	0.88 U	0.88 U	0.88 U	0.9 U
4-Bromophenyl Phenyl Ether	0.79 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U
4-Chloroaniline	0.79 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U
4-Chlorophenyl-Phenylether	0.79 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U
4-Methylphenol	0.79 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U
4-Nitroaniline	4 U	0.93 U	0.88 U	0.88 U	0.88 U	0.9 U
4-Nitrophenol	4 U	0.93 U	0.88 U	0.88 U	0.88 U	0.9 U
Aniline	0.79 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U
Benzidine	7.9 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U
Benzoic Acid	0.27 J	0.93 U	0.88 U	0.88 U	0.88 U	0.9 U
Benzyl Alcohol	0.79 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U
Bis(2-Chloroethoxy) Methane	0.79 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U
Bis(2-Chloroethyl) Ether	0.79 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U
Bis(2-Chloroisopropyl) Ether	0.79 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U
Bis(2-Ethylhexyl)Phthalate	0.79 U	0.19 U	0.04 J	0.18 U	0.18 U	0.18 U
Butylbenzylphthalate	0.79 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U
Di-N-Butylphthalate	0.79 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U
Di-N-Octylphthalate	0.79 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U
Dibenzofuran	0.79 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U
Diethylphthalate	0.79 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U
Dimethylphthalate	0.79 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U
Hexachlorobenzene	0.79 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U
Hexachlorobutadiene	0.79 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U
Hexachlorocyclopentadiene	0.79 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U
Hexachloroethane	0.79 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U
Isophorone	0.79 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U
N-Nitroso-Di-Phenylamine	0.79 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U
N-Nitroso-Di-Propylamine	0.79 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U
N-Nitroso-Dimethylamine	0.79 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U
Pentachlorophenol	0.79 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U
Phenol	0.79 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U

Table B.6-5
Area 16 - Kettle Beneath Area 5 Soil PAH Results

Area	16	16	16	16	16	16	16	16
Sample ID	16-B-501-S-10A	16-B-501-S-15	16-B-501-S-1-DAVG	16-B-501-S-2A	16-B-501-S-3A	16-B-501-S-5A	16-B-501-S-7A	16-B-502-S-2
Date Sampled	7/16/92	7/16/92	7/14/92	7/14/92	7/14/92	7/14/92	7/14/92	2/24/92
Depth	46.5 to 48	70 to 71.5	0 to 1	7.5 to 9	12.5 to 14	22.5 to 24	32.5 to 34	4 to 7
PAHs (mg/kg dry)								
Benzo(a)Anthracene	0.19 U	0.18 U	0 64	0 018 U	0.18 U	0.18 U	0.18 U	0.019 UJ
Benzo(a)Pyrene	0.19 U	0.18 U	0 76	0 018 U	0.18 U	0.18 U	0.18 U	0.019 UJ
Benzo(b)Fluoranthene	0.19 U	0.18 U	0 77	0 018	0.18 U	0.18 U	0.18 U	0.019 UJ
Benzo(k)Fluoranthene	0.19 U	0.18 U	0 32	0.018 U	0.18 U	0.18 U	0.18 U	0.019 UJ
Chrysene	0.19 U	0.18 U	1.2	0.026	0.18 U	0.18 U	0.18 U	0.019 UJ
Dibenzo(a,h)Anthracene	0.19 U	0.18 U	0.44 J	0.036 U	0.18 U	0.18 U	0.18 U	0.039 UJ
Indeno(1,2,3-c,d)Pyrene	0.19 U	0.18 U	0.56	0.018 U	0.18 U	0.18 U	0.18 U	0.019 UJ
Total Carcinogenic PAHs (BAP TEQs)	*0.4391 U*	*0.416 U*	*1.4014*	*0.031*	*0.416 U*	*0.416 U*	*0.416 U*	*0.064 U*
2-Methylnaphthalene	0.19 U	0.18 U	0.79 U		0.18 U	0.18 U	0.18 U	
Acenaphthene	0.19 U	0.18 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.19 UJ
Acenaphthylene	0.19 U	0.18 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.19 UJ
Anthracene	0.19 U	0.18 U	0.065	0.0088 U	0.18 U	0.18 U	0.18 U	0.0095 UJ
Benzo(g,h,i)Perylene	0.19 U	0.18 U	0.51	0.018 U	0.18 U	0.18 U	0.18 U	0.019 UJ
Fluoranthene	0.19 U	0.18 U	1.2	0.033	0.18 U	0.18 U	0.18 U	0.019 UJ
Fluorene	0.19 U	0.18 U	0.02 U	0.018 U	0.18 U	0.18 U	0.18 U	0.019 UJ
Naphthalene	0.19 U	0.18 U	0.098 U	0.088 U	0.18 U	0.18 U	0.18 U	0.095 UJ
Phenanthrene	0.19 U	0.18 U	0.2	0.0088 U	0.18 U	0.18 U	0.18 U	0.0095 UJ
Pyrene	0.19 U	0.18 U	0.79	0.018 U	0.18 U	0.18 U	0.18 U	0.019 UJ
Total Non-carcinogenic PAHs	*1.9 U*	*1.8 U*	*3.419*	*0.293*	*1.8 U*	*1.8 U*	*1.8 U*	*0.57 U*

Table B.6-5
Area 16 - Kettle Beneath Area 5 Soil PAH Results

Area	16	16	16	16	16	16	16	16
Sample ID	16-B-503-S-2	16-B-504-S-1A	16-B-505-S-1C	16-B-505-S-1-DAVG	16-SS-504	16-SS-505	16-SS-506	16-SS-507
Date Sampled	2/24/92	2/25/92	7/14/92	7/14/92	10/20/93	10/20/93	10/20/93	10/20/93
Depth	4 to 7	1.5 to 3	2.5 to 3.5	0 to 1	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
PAHs (mg/kg dry)								
Benzo(a)Anthracene	0.02 UJ	0.019 UJ	0.02 U	0.018 U	0.019 U	0.018 U	0.019 U	0.019 U
Benzo(a)Pyrene	0.02 UJ	0.019 UJ	0.02 U	0.018 U	0.019 U	0.018 U	0.019 U	0.019 U
Benzo(b)Fluoranthene	0.02 UJ	0.019 UJ	0.02 U	0.018 U	0.019 U	0.018 U	0.019 U	0.019 U
Benzo(k)Fluoranthene	0.02 UJ	0.019 UJ	0.02 U	0.018 U	0.019 U	0.018 U	0.019 U	0.019 U
Chrysene	0.02 UJ	0.019 UJ	0.02 U	0.018	0.019 U	0.022	0.019 U	0.019 U
Dibenzo(a,h)Anthracene	0.041 UJ	0.04 UJ	0.04 U	0.037 U	0.038 U	0.037 U	0.038 U	0.04 U
Indeno(1,2,3-c,d)Pyrene	0.02 UJ	0.019 UJ	0.02 U	0.018 U	0.019 U	0.018 U	0.019 U	0.019 U
Total Carcinogenic PAHs (BAP TEQs)	*0.067 U*	*0.065 U*	*0.066 U*	*0.03031*	*0.063 U*	*0.0303*	*0.063 U*	*0.065 U*
2-Methylnaphthalene								
Acenaphthene	0.2 UJ	0.19 UJ	0.2 U	0.18 U	0.19 U	0.18 U	0.19 U	0.19 U
Acenaphthylene	0.2 UJ	0.19 UJ	0.2 U	0.18 U	0.19 U	0.18 U	0.19 U	0.19 U
Anthracene	0.01 UJ	0.01 UJ	0.0098 U	0.009 U	0.0094 U	0.0091 U	0.0094 U	0.0097 U
Benzo(g,h,i)Perylene	0.02 UJ	0.019 UJ	0.023	0.02	0.019 U	0.018 U	0.019 U	0.019 U
Fluoranthene	0.02 UJ	0.019 UJ	0.02 U	0.018 U	0.019 U	0.018 U	0.019 U	0.019 U
Fluorene	0.02 UJ	0.019 UJ	0.02 U	0.018 U	0.019 U	0.018 U	0.019 U	0.019 U
Naphthalene	0.1 UJ	0.1 UJ	0.098 U	0.09 U	0.094 U	0.091 U	0.094 U	0.097 U
Phenanthrene	0.01 UJ	0.01 UJ	0.0098 U	0.009 U	0.0094 U	0.0091 U	0.0094 U	0.0097 U
Pyrene	0.02 UJ	0.019 UJ	0.02 U	0.018 U	0.019 U	0.018 U	0.019 U	0.019 U
Total Non-carcinogenic PAHs	*0.6 U*	*0.576 U*	*0.312*	*0.281*	*0.569 U*	*0.541 U*	*0.569 U*	*0.572 U*

Table B.6-5
Area 16 - Kettle Beneath Area 5 Soil PAH Results

Area	16	16	16	16	16	16	16	16
Sample ID	16-SS-508	16-SS-510	16-SS-512	16-SS-514	16-SS-519	16-SS-521	16-SS-524-DAVG	16-TP-501-S-1
Date Sampled	10/20/93	10/20/93	10/20/93	10/20/93	10/20/93	10/20/93	10/20/93	2/25/92
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 1
PAHs (mg/kg dry)								
Benzo(a)Anthracene	3.4	0.018 U	0.1	0.018 U	0.019 U	0.02 U	0.69	0.02 UJ
Benzo(a)Pyrene	2.8	0.018 U	0.097	0.018 U	0.019 U	0.02 U	0.93	0.02 UJ
Benzo(b)Fluoranthene	3.7	0.018 U	0.019 U	0.018 U	0.019 U	0.02 U	0.77	0.02 UJ
Benzo(k)Fluoranthene	1.7	0.018 U	0.019 U	0.018 U	0.019 U	0.02 U	0.3	0.02 UJ
Chrysene	4.5	0.018 U	0.19	0.018 U	0.019 U	0.02 U	0.67	0.026 J
Dibenzo(a,h)Anthracene	0.37 U	0.037 U	0.039 U	0.038 U	0.038 U	0.04 U	0.51	0.041 UJ
Indeno(1,2,3-c,d)Pyrene	1.6	0.018 U	0.039	0.018 U	0.019 U	0.02 U	0.21	0.02 UJ
Total Carcinogenic PAHs (BAP TEQs)	*3.877*	*0.061 U*	*0.132*	*0.062 U*	*0.063 U*	*0.066 U*	*1.61067*	*0.034*
2-Methylnaphthalene								
Acenaphthene	1.8 U	0.18 U	0.19 U	0.18 U	0.19 U	0.2 U	1.8 U	0.2 UJ
Acenaphthylene	1.8 U	0.18 U	0.19 U	0.18 U	0.19 U	0.2 U	1.8 U	0.2 UJ
Anthracene	0.4	0.0091 U	0.0096 U	0.0092 U	0.0093 U	0.0098 U	0.088 U	0.01 UJ
Benzo(g,h,i)Perylene	1.6	0.018 U	0.1	0.018 U	0.019 U	0.02 U	0.61	0.07 J
Fluoranthene	5.9	0.018 U	0.086	0.018 U	0.019 U	0.02 U	0.58	0.02 UJ
Fluorene	0.18 U	0.018 U	0.019 U	0.018 U	0.019 U	0.02 U	0.18 U	0.02 UJ
Naphthalene	0.89 U	0.091 U	0.096 U	0.092 U	0.093 U	0.098 U	0.88 U	0.1 UJ
Phenanthrene	1.1	0.0091 U	0.061	0.0092 U	0.0093 U	0.0098 U	0.088 U	0.01 UJ
Pyrene	3	0.018 U	0.051	0.018 U	0.019 U	0.02 U	0.32	0.02 UJ
Total Non-carcinogenic PAHs	*14.34*	*0.541 U*	*0.55*	*0.542 U*	*0.568 U*	*0.598 U*	*3.928*	*0.36*

Table B.6-6
Area 16 - Kettle Beneath Area 5 Soil Pesticide and PCB Results

Area	16	16	16	16	16	16
Sample ID	16-B-3,S-1	16-B-3,S-3	16-B-3,S-5-DAVG	16-B-3,S-7	16-B-501-S-1C	16-B-501-S-1-DAVG
Date Sampled	4/24/87	4/24/87	4/27/87	4/24/87	7/14/92	7/14/92
Depth	3.5 to 5	8.5 to 10	12.5 to 14	18.5 to 20	3.5 to 4	0 to 1
Pesticides (mg/kg dry)						
4,4'-DDD					0.01 U	0.012 UJ
4,4'-DDE					0.01 U	0.012 UJ
4,4'-DDT					0.01 U	0.012 UJ
Aldrin					0.0052 U	0.006 U
Alpha-BHC					0.0052 U	0.006 U
Beta-BHC					0.0052 U	0.006 U
Chlordane					0.052 U	0.06 U
Delta-BHC					0.0052 U	0.006 U
Dieldrin					0.01 U	0.012 UJ
Endosulfan I					0.0052 U	0.006 U
Endosulfan II					0.01 U	0.012 UJ
Endosulfan Sulfate					0.01 U	0.012 UJ
Endrin					0.01 U	0.015
Endrin Ketone					0.01 U	0.012 UJ
Gamma-BHC					0.0052 U	0.006 U
Heptachlor					0.0052 U	0.006 U
Heptachlor Epoxide					0.0052 U	0.006 U
Methoxychlor					0.052 U	0.06 U
Toxaphene					0.1 U	0.12 UJ
PCBs (mg/kg dry)						
PCB-1016	0.094 U	0.078 U	0.076 U	0.074 U	0.1 U	0.12 UJ
PCB-1221	0.094 U	0.078 U	0.076 U	0.074 U	0.1 U	0.12 UJ
PCB-1232	0.094 U	0.078 U	0.076 U	0.074 U	0.1 U	0.12 UJ
PCB-1242	0.094 U	0.078 U	0.076 U	0.074 U	0.1 U	0.12 UJ
PCB-1248	0.094 U	0.078 U	0.076 U	0.074 U	0.1 U	0.12 UJ
PCB-1254	0.58	0.16 U	0.15 U	0.15 U	0.1 U	0.12 UJ
PCB-1260	0.19 U	0.16 U	0.15 U	0.15 U	0.1 U	0.12 UJ

Table B.6-6
Area 16 - Kettle Beneath Area 5 Soil Pesticide and PCB Results

Area	16	16	16	16	16
Sample ID	16-B-501-S-3A	16-B-501-S-4A	16-B-505-S-1-DAVG	16-TP-3,S-2	16-TP-14,S-2
Date Sampled	7/14/92	7/14/92	7/14/92	4/27/87	4/27/87
Depth	12.5 to 14	17.5 to 19	0 to 1	3 to 6	2 to 5
Pesticides (mg/kg dry)					
4,4'-DDD	0.011 U	0.011 U	0.011 U		
4,4'-DDE	0.011 U	0.011 U	0.011 U		
4,4'-DDT	0.011 U	0.011 U	0.011 U		
Aldrin	0.0053 U	0.0053 U	0.0054 U		
Alpha-BHC	0.0053 U	0.0053 U	0.0054 U		
Beta-BHC	0.0053 U	0.0053 U	0.0054 U		
Chlordane	0.053 U	0.053 U	0.054 U		
Delta-BHC	0.0053 U	0.0053 U	0.0054 U		
Dieldrin	0.011 U	0.011 U	0.011 U		
Endosulfan I	0.0053 U	0.0053 U	0.0054 U		
Endosulfan II	0.011 U	0.011 U	0.011 U		
Endosulfan Sulfate	0.011 U	0.011 U	0.011 U		
Endrin	0.011 U	0.011 U	0.011 U		
Endrin Ketone	0.011 U	0.011 U	0.011 U		
Gamma-BHC	0.0053 U	0.0053 U	0.0054 U		
Heptachlor	0.0053 U	0.0053 U	0.0054 U		
Heptachlor Epoxide	0.0053 U	0.0053 U	0.0054 U		
Methoxychlor	0.053 U	0.053 U	0.054 U		
Toxaphene	0.11 U	0.11 U	0.11 U		
PCBs (mg/kg dry)					
PCB-1016	0.11 U	0.11 U	0.11 U	0.042 U	0.04 U
PCB-1221	0.11 U	0.11 U	0.11 U	0.042 U	0.04 U
PCB-1232	0.11 U	0.11 U	0.11 U	0.042 U	0.04 U
PCB-1242	0.11 U	0.11 U	0.11 U	0.042 U	0.04 U
PCB-1248	0.11 U	0.11 U	0.11 U	0.042 U	0.04 U
PCB-1254	0.11 U	0.11 U	0.11 U	0.084 U	0.08 U
PCB-1260	0.11 U	0.11 U	0.11 U	0.084 U	0.08 U

Table B.6-7
Area 16 - Kettle Beneath Area 5 Soil TPH Results

Area	16	16	16	16	16	16	16	16
Sample ID	16-B-3,S-5-DAVG	16-B-4,S-1	16-B-4,S-3	16-B-4,S-4-DAVG	16-B-4,S-5	16-B-5,S-3	16-B-5,S-7-DAVG	16-B-501-S-10A
Date Sampled	4/27/87	4/27/87	4/28/87	4/28/87	4/27/87	4/27/87	4/27/87	7/16/92
Depth	12.5 to 14	2.5 to 4	7.5 to 9	10 to 11.5	11.5 to 14	6.5 to 8	16.5 to 18	46.5 to 48
TPH (mg/kg dry)								
TPH Scan								22 U
Oil And Grease	87 X	1200 X	20 UX	20 UX	20 UX	2200 X	48 X	

Area	16	16	16	16	16	16	16	16
Sample ID	16-B-501-S-12	16-B-501-S-14	16-B-501-S-16	16-B-501-S-1-DAVG	16-B-501-S-2A	16-B-501-S-3	16-B-501-S-4	16-B-501-S-5
Date Sampled	7/16/92	7/16/92	7/16/92	7/14/92	7/14/92	7/14/92	7/14/92	7/14/92
Depth	55 to 56.5	65 to 66.5	75 to 76.5	0 to 1	7.5 to 9	7.5 to 9	15 to 16.5	20 to 21.5
TPH (mg/kg dry)								
TPH Scan	21 U	21 U	21 U	1600 J	73 J	21 UJ	21 UJ	22 UJ
Oil And Grease								

Area	16	16	16	16	16	16	16	16
Sample ID	16-B-501-S-6A	16-B-501-S-8	16-B-502-S-2	16-B-503-S-2	16-B-503-S-3	16-B-503-S-4	16-B-503-S-6	16-B-503-S-9
Date Sampled	7/14/92	7/14/92	2/24/92	2/24/92	2/24/92	2/24/92	2/24/92	2/24/92
Depth	27.5 to 29	35 to 36.5	4 to 7	4 to 7	9 to 10.5	11.5 to 13	16.5 to 18	24 to 25.5
TPH (mg/kg dry)								
TPH Scan	22 UJ	22 UJ	120 J	130	27	20 U	20 U	20 U
Oil And Grease								

Table B.6-7
Area 16 - Kettle Beneath Area 5 Soil TPH Results

Area	16	16	16	16	16	16	16	16
Sample ID	16-B-504-S-1A	16-B-504-S-2A	16-B-504-S-4-DAVG	16-B-504-S-5	16-B-504-S-6A	16-B-504-S-8	16-B-504-S-9	16-B-505-S-1C
Date Sampled	2/25/92	2/25/92	2/25/92	2/25/92	2/25/92	2/25/92	2/25/92	7/14/92
Depth	1.5 to 3	7 to 8.5	14 to 15.5	19 to 22	27 to 28.5	34 to 37	39 to 40.5	2.5 to 3.5
TPH (mg/kg dry)								
TPH Scan	35 J	20 U	20 U	20 U	20 U	20 U	20 U	74
Oil And Grease								

Area	16	16	16	16	16	16	16	16
Sample ID	16-B-505-S-1-DAVG	16-B-505-S-2A	16-B-505-S-3	16-B-505-S-5	16-B-505-S-6	16-SS-504	16-SS-505	16-SS-506
Date Sampled	7/14/92	7/14/92	7/14/92	7/14/92	7/14/92	10/20/93	10/20/93	10/20/93
Depth	0 to 1	7.5 to 8	10 to 11.5	20 to 21.5	25 to 26.5	0 to 0.5	0 to 0.5	0 to 0.5
TPH (mg/kg dry)								
TPH Scan	420	210	360	28	23 U	35	1100	38
Oil And Grease								

Area	16	16	16	16	16	16	16	16
Sample ID	16-SS-507	16-SS-508	16-SS-509	16-SS-510	16-SS-511	16-SS-512	16-SS-513	16-SS-514
Date Sampled	10/20/93	10/20/93	10/20/93	10/20/93	10/20/93	10/20/93	10/20/93	10/20/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TPH (mg/kg dry)								
TPH Scan	55	2500	2200	22 U	39	320	2200	22 U
Oil And Grease								

Table B.6-7
Area 16 - Kettle Beneath Area 5 Soil TPH Results

Area	16	16	16	16	16	16	16	16
Sample ID	16-SS-515	16-SS-517	16-SS-518	16-SS-519	16-SS-520	16-SS-521	16-SS-522	16-SS-523
Date Sampled	10/20/93	10/20/93	10/20/93	10/20/93	10/20/93	10/20/93	10/20/93	10/20/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TPH (mg/kg dry)								
TPH Scan	25 U	73	24 U	22 U	24 U	24 U	23 U	22 U
Oil And Grease								

Area	16	16	16	16	16	16	16	16
Sample ID	16-SS-524-DAVG	16-TP-10,S-2	16-TP-11,S-2	16-TP-12,S-2	16-TP-14,S-2	16-TP-16,S-2	16-TP-3,S-2	16-TP-501-S-1
Date Sampled	10/20/93	4/27/87	4/27/87	4/27/87	4/27/87	4/27/87	4/27/87	2/25/92
Depth	0 to 0.5	2 to 5	2 to 5	2 to 5	2 to 5	2 to 5	3 to 6	0 to 1
TPH (mg/kg dry)								
TPH Scan	2800							1200
Oil And Grease		52 X	20 UX	330 X	22 X	23 X	30 X	

Area	16	16	16	16	16	16	16	16
Sample ID	16-TP-501-S-2	16-TP-501-S-3	16-TP-502-S-2	16-TP-502-S-3	16-TP-503-S-2	16-TP-503-S-3	16-TP-504-S-2	16-TP-504-S-3
Date Sampled	2/25/92	2/25/92	2/25/92	2/25/92	2/25/92	2/25/92	2/25/92	2/25/92
Depth	2 to 5.5	7 to 9	2 to 5	6.5 to 9	2 to 5	7 to 9	2 to 5	7 to 9
TPH (mg/kg dry)								
TPH Scan	63	20 U	20 U	20 U	20 U	20 U	25	20 U
Oil And Grease								

Table B.6-7
Area 16 - Kettle Beneath Area 5 Soil TPH Results

Area	16	16	16	16	16	16	16	16
Sample ID	16-TP-505-S-2	16-TP-505-S-3	16-TP-507-S-2	16-TP-507-S-3	16-TP-508-S-2	16-TP-508-S-3	16-TP-509-S-2	16-TP-509-S-3
Date Sampled	2/25/92	3/11/92	3/11/92	3/11/92	3/11/92	3/11/92	3/11/92	3/11/92
Depth	2 to 5	7 to 9	2 to 5	7 to 9	2 to 5	7 to 9	2 to 5	7 to 9
TPH (mg/kg dry)								
TPH Scan	67	100	20 U	20 U	120	72	200	20 U
Oil And Grease								

Area	16	16	16	16
Sample ID	16-TP-6,S-2	16-TP-7,S-2	16-TP-8,S-2	16-TP-9,S-2
Date Sampled	4/27/87	4/27/87	4/27/87	4/27/87
Depth	2 to 5	2 to 5	2 to 5	2 to 5
TPH (mg/kg dry)				
TPH Scan				
Oil And Grease	20 UX	30 X	1200 X	59 X

Table B.7-1
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Metals Results

Area	18	18	18	18
Sample ID	01-C-SS[PW-1]C2-005	01-F29-SS[F-199]C2-005	01-F29-SS[F-200]C2-005	01-F29-SS[F-201]C2-005
Date Sampled	7/11/01	8/2/01	8/2/01	8/2/01
Depth	1 to 1.5	2 to 2.5	2 to 2.5	2 to 2.5
Total Metals (mg/kg)				
Arsenic	6.4	6	9.2	4.3
Lead	8.6	10	20	74

Area	18	18	18	18
Sample ID	01-F29-SS[F-202]C2-005	01-F29-SS[F-203]C2-005	01-F29-SS[F-204]C2-005	01-F29-SS[F-206]C2-005
Date Sampled	8/2/01	8/2/01	8/2/01	8/2/01
Depth	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
Total Metals (mg/kg)				
Arsenic	3.9	4.1	4.7	3.8
Lead	12	11	25	6.7

Area	18	18	18	18
Sample ID	01-F29-SS[F-207]C2-005	01-F29-SS[F-208]C2-005	01-F29-SS[F-209]C2-005	01-F29-SS[F-210]C2-005
Date Sampled	8/2/01	8/2/01	8/2/01	8/2/01
Depth	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
Total Metals (mg/kg)				
Arsenic	17	5.2	8.1	9.5
Lead	53	24	33	51

Area	18	18	18	18
Sample ID	01-F30-SS[F-220]C2-005	01-F30-SS[F-221]C2-005	01-F30-SS[F-222]C2-005	01-F30-SS[F-223]C2-005
Date Sampled	8/8/01	8/8/01	8/8/01	8/8/01
Depth	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
Total Metals (mg/kg)				
Arsenic	7.2	8.7	8.7	6.9
Lead	7.8	23	12	15

Area	18	18	18	18
Sample ID	01-F30-SS[F-224]C2-005	01-F30-SS[F-225]C2-005	01-F30-SS[F-226]C2-005	01-F30-SS[F-228]C2-005
Date Sampled	8/8/01	8/8/01	8/8/01	8/8/01
Depth	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
Total Metals (mg/kg)				
Arsenic	6	4.6	5	4.8
Lead	7.9	5.7	11	12

Table B.7-1
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Metals Results

Area	18	18	18	18
Sample ID	01-F30-SS[F-229]C2-005	01-F31-SS[F-231]C2-005	01-F31-SS[F-232]C2-005	01-F31-SS[F-234]C2-005
Date Sampled	8/8/01	8/9/01	8/9/01	8/9/01
Depth	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
Total Metals (mg/kg)				
Arsenic	7.4	8.4	5.4	5.1
Lead	9.3	7	6	4.5

Area	18	18	18	18
Sample ID	01-F31-SS[F-235]C2-005	01-F31-SS[F-236]C2-005	01-F31-SS[F-237]C2-005	01-F31-SS[F-238]C2-005
Date Sampled	8/9/01	8/9/01	8/9/01	8/9/01
Depth	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
Total Metals (mg/kg)				
Arsenic	6.1	6.9	3.6	5.2
Lead	14	16	14	29

Area	18	18	18	18
Sample ID	01-F31-SS[F-239]C2-005	01-F31-SS[F-240]C2-005	01-F32-SS[F-268]C2-005	01-F32-SS[F-269]C2-005
Date Sampled	8/9/01	8/9/01	8/22/01	8/22/01
Depth	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
Total Metals (mg/kg)				
Arsenic	4.9	6.5	3.6	26
Lead	5.1	6.1	3.9	32

Area	18	18	18	18
Sample ID	01-F32-SS[F-270]C2-005	01-F32-SS[F-271]C2-005	01-F32-SS[F-272]C2-005	01-F37-SS[F-183]C2-005
Date Sampled	8/22/01	8/22/01	8/22/01	7/30/01
Depth	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
Total Metals (mg/kg)				
Arsenic	4.5	2.8	4.4	8.6
Lead	4.3	2.5	5.6	9

Area	18	18	18	18
Sample ID	01-F37-SS[F-184]C2-005	01-F37-SS[F-185]C2-005	01-F37-SS[F-186]C2-005	01-F37-SS[F-187]C2-005
Date Sampled	7/30/01	7/30/01	7/30/01	7/30/01
Depth	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
Total Metals (mg/kg)				
Arsenic	13	26	8.6	3.6
Lead	10	9.9	14	3.9

Table B.7-1
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Metals Results

Area	18	18	18	18
Sample ID	01-F37-SS[F-188]C2-005	01-F37-SS[F-189]C2-005-DAVG	01-F37-SS[F-191]C2-005	01-F37-SS[F-192]C2-005
Date Sampled	7/30/01	7/30/01	7/30/01	7/30/01
Depth	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
Total Metals (mg/kg)				
Arsenic	13	4.5	4.7	6.9
Lead	62	2.95	5.5	5.2

Area	18	18	18	18
Sample ID	01-N01-SS[NGRR-139]C2-005	01-N01-SS[NGRR-140]C2-005	01-N01-SS[NGRR-141]C2-005	01-N01-SS[NGRR-142]C2-005
Date Sampled	7/30/01	7/30/01	7/30/01	7/30/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg)				
Arsenic	5.4	18	24	13
Lead	5.3	16	28	15

Area	18	18	18	18
Sample ID	01-N01-SS[NGRR-144]C2-005	01-N01-SS[NGRR-146]C2-005	01-N01-SS[NGRR-148]C2-005	01-N01-SS[NGRR-149]C2-005
Date Sampled	7/30/01	7/30/01	7/31/01	7/31/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg)				
Arsenic	11	28	13	7.3
Lead	8.8	12	8.2	4.6

Area	18	18	18	18
Sample ID	01-N01-SS[NGRR-150]C2-005	01-N01-SS[NGRR-151]C2-005	01-N01-SS[NGRR-152]C2-005	01-N01-SS[NGRR-153]C2-005-DAVG
Date Sampled	7/31/01	7/31/01	7/31/01	7/31/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg)				
Arsenic	5.8	5.1	3.6	3.5
Lead	3.4	2.8	2.1 U	2.25

Table B.7-1
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Metals Results

Area	18	18	18	18
Sample ID	01-N01-SS[NGRR-157]C2-005	01-N01-SS[NGRR-158]C2-005	01-N01-SS[NGRR-159]C2-005	01-N01-SS[NGRR-160]C2-005
Date Sampled	7/31/01	7/31/01	7/31/01	7/31/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg)				
Arsenic	6.4	16	10	4.3
Lead	6.8	17	3.9	5

Area	18	18	18	18
Sample ID	01-N01-SS[NGRR-161]C2-005	01-N01-SS[NGRR-162]C2-005	01-N01-SS[NGRR-163]C2-005	01-N01-SS[NGRR-164]C2-005-DAVG
Date Sampled	7/31/01	7/31/01	7/31/01	8/2/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg)				
Arsenic	4.7	4.3	10	10.5
Lead	5.5	4.1	9	54.5

Area	18	18	18	18
Sample ID	01-N01-SS[NGRR-166]C2-005	01-N01-SS[NGRR-167]C2-005	01-N01-SS[NGRR-168]C2-005	01-N01-SS[NGRR-169]C2-005
Date Sampled	8/2/01	8/2/01	8/2/01	8/2/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg)				
Arsenic	5.7	17	7.7	4.5
Lead	8.5	17	13	6.1

Area	18	18	18	18
Sample ID	01-N01-SS[NGRR-170]C2-005	01-N01-SS[NGRR-171]C2-005	01-N01-SS[NGRR-172]C2-005	01-N01-SS[NGRR-173]C2-005
Date Sampled	8/2/01	8/2/01	8/2/01	8/2/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg)				
Arsenic	5	21	6.4	5.6
Lead	6.1	6.1	7.6	3.1

Area	18	18	18	18
Sample ID	01-N01-SS[NGRR-174]C2-005	01-N01-SS[NGRR-175]C2-005	01-N01-SS[NGRR-176]C2-005	01-N01-SS[NGRR-209]C2-005
Date Sampled	8/2/01	8/2/01	8/2/01	8/8/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg)				
Arsenic	3.5	15	4.6	8
Lead	2.2 U	3.2	2.7	7.5

Table B.7-1
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Metals Results

Area	18	18	18	18
Sample ID	01-N01-SS[NGRR-210]C2-005	01-N01-SS[NGRR-211]C2-005	01-N01-SS[NGRR-212]C2-005	01-N01-SS[NGRR-213]C2-005
Date Sampled	8/8/01	8/8/01	8/8/01	8/8/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg)				
Arsenic	11	7.7	5	4.9
Lead	9.4	4.1	3.6	3.3

Area	18	18	18	18
Sample ID	01-N01-SS[NGRR-214]C2-005	01-N01-SS[NGRR-215]C2-005	01-N01-SS[NGRR-216]C2-005	01-N01-SS[NGRR-217]C2-005
Date Sampled	8/8/01	8/8/01	8/8/01	8/8/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg)				
Arsenic	38	55	7.2	5.2
Lead	11	4.2	4.8	4.8

Area	18	18	18	18
Sample ID	01-N01-SS[NGRR-218]C2-005	01-N01-SS[NGRR-219]C2-005	01-N01-SS[NGRR-220]C2-005	01-N01-SS[NGRR-221]C2-005
Date Sampled	8/8/01	8/8/01	8/8/01	8/8/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg)				
Arsenic	50	7.4	9.8	9.1
Lead	66	6.2	6.7	5.4

Area	18	18	18	18
Sample ID	01-N01-SS[NGRR-222]C2-005	01-N01-SS[NGRR-223]C2-005-DAVG	01-N01-SS[NGRR-225]C2-005	01-N01-SS[NGRR-226]C2-005
Date Sampled	8/8/01	8/8/01	8/8/01	8/8/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg)				
Arsenic	14	6.3	5.6	18
Lead	5.3	5.8	5.5	25

Area	18	18	18	18
Sample ID	01-N01-SS[NGRR-227]C2-005	01-N01-SS[NGRR-228]C2-005	01-N01-SS[NGRR-229]C2-005	01-N01-SS[NGRR-230]C2-005
Date Sampled	8/8/01	8/8/01	8/8/01	8/8/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg)				
Arsenic	4.9	5	4.9	16
Lead	6.2	4.2	4.4	9.4

Table B.7-1
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Metals Results

Area	18	18	18	18
Sample ID	01-N01-SS[NGRR-231]C2-005	01-N01-SS[NGRR-232]C2-005	01-N01-SS[NGRR-233]C2-005	01-N01-SS[NGRR-234]C2-005
Date Sampled	8/9/01	8/9/01	8/9/01	8/9/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg)				
Arsenic	6.5	6	6.4	5.1
Lead	25	4.9	6	4.8

Area	18	18	18	18
Sample ID	01-N01-SS[NGRR-235]C2-005-DAVG	01-N01-SS[NGRR-237]C2-005	01-N01-SS[NGRR-238]C2-005	01-N01-SS[NGRR-239]C2-005
Date Sampled	8/9/01	8/9/01	8/9/01	8/9/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg)				
Arsenic	6.5	4.8	6	4.6
Lead	7	6.1	7.8	5.4

Area	18	18	18	18
Sample ID	01-N01-SS[NGRR-240]C2-005	01-N01-SS[NGRR-241]C2-005	01-N01-SS[NGRR-242]C2-005	01-N01-SS[NGRR-243]C2-005
Date Sampled	8/9/01	8/9/01	8/9/01	8/9/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg)				
Arsenic	11	13	3.9	5.9
Lead	13	8.3	5.2	4.8

Area	18	18	18	18
Sample ID	01-N01-SS[NGRR-297]C2-005	01-N01-SS[NGRR-298]C2-005	01-N01-SS[NGRR-299]C2-005	01-N01-SS[NGRR-300]C2-005
Date Sampled	8/15/01	8/15/01	8/15/01	8/15/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg)				
Arsenic	8.4	7.8	18	5.9
Lead	7.7	9.6	26	55

Area	18	18	18	18
Sample ID	01-N01-SS[NGRR-319]C2-005	01-N01-SS[NGRR-321]C2-005-DAVG	01-N01-SS[NGRR-323]C2-005	01-N01-SS[NGRR-324]C2-005
Date Sampled	8/16/01	8/20/01	8/20/01	8/20/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg)				
Arsenic	8.9	42 U	40 U	37 U
Lead	76	21 U	41	18 U

Table B.7-1
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Metals Results

Area	18	18	18	18
Sample ID	01-N01-SS[NGRR-325]C2-005	01-N01-SS[NGRR-326]C2-005	01-N01-SS[NGRR-327]C2-005	01-N01-SS[NGRR-328]C2-005
Date Sampled	8/20/01	8/20/01	8/20/01	8/20/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg)				
Arsenic	36 U	37 U	36 U	39 U
Lead	18 U	18 U	18 U	19 U

Area	18	18	18	18
Sample ID	01-N01-SS[NGRR-329]C2-005	01-N01-SS[NGRR-330]C2-005	01-N01-SS[NGRR-331]C2-005	01-N01-SS[NGRR-333]C2-005
Date Sampled	8/20/01	8/20/01	8/20/01	8/20/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg)				
Arsenic	37 U	39 U	35 U	46 U
Lead	19 U	19 U	18 U	23 U

Area	18	18	18	18
Sample ID	01-N01-SS[NGRR-334]C2-005	01-N01-SS[NGRR-335]C2-005	01-N01-SS[NGRR-336]C2-005	01-N01-SS[NGRR-337]C2-005
Date Sampled	8/20/01	8/20/01	8/20/01	8/20/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg)				
Arsenic	42 U	43 U	38 U	39 U
Lead	21 U	22	19 U	19 U

Area	18	18	18	18
Sample ID	01-N01-SS[NGRR-338]C2-005	01-N01-SS[NGRR-339]C2-005	01-N01-SS[NGRR-340]C2-005	01-N01-SS[NGRR-341]C2-005
Date Sampled	8/20/01	8/20/01	8/20/01	8/20/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg)				
Arsenic	41 U	38 U	39 U	41 U
Lead	20 U	19 U	19 U	21 U

Area	18	18	18	18
Sample ID	01-N01-SS[NGRR-342]C2-005-DAVG	01-N01-SS[NGRR-344]C2-005	01-N01-SS[NGRR-345]C2-005	01-N01-SS[NGRR-346]C2-005
Date Sampled	8/20/01	8/20/01	8/20/01	8/20/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg)				
Arsenic	42 U	43 U	39 U	41 U
Lead	46 J	21 UJ	20 UJ	21 UJ

Table B.7-1
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Metals Results

Area	18	18	18	18
Sample ID	01-N01-SS[NGRR-347]C2-005	01-N01-SS[NGRR-348]C2-005	01-N01-SS[NGRR-349]C2-005	01-N01-SS[NGRR-350]C2-005
Date Sampled	8/20/01	8/20/01	8/20/01	8/20/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg)				
Arsenic	38 U	41 U	38 U	40 U
Lead	19 UJ	20 UJ	19 UJ	20 UJ

Area	18	18	18	18
Sample ID	01-N01-SS[NGRR-362]C2-005	01-N01-SS[NGRR-363]C2-005	01-N01-SS[NGRR-364]C2-005	01-N01-SS[NGRR-365]C2-005
Date Sampled	8/21/01	8/21/01	8/21/01	8/21/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg)				
Arsenic	5.5	6.7	6	3.6
Lead	13	8.3	5.3	3.4

Area	18	18	18	18
Sample ID	01-N01-SS[NGRR-383]C2-005-DAVG	01-N01-SS[NGRR-385]C2-005	01-N01-SS[NGRR-386]C2-005	01-N01-SS[NGRR-387]C2-005
Date Sampled	8/23/01	8/23/01	8/23/01	8/23/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg)				
Arsenic	5.05	5.7	6	3.5
Lead	5.35	6.8	3.8	2.2 U

Area	18	18	18	18
Sample ID	01-N01-SS[NGRR-388]C2-005	01-N01-SS[NGRR-389]C2-005	01-N01-SS[NGRR-390]C2-005	01-N01-SS[NGRR-391]C2-005
Date Sampled	8/23/01	8/23/01	8/23/01	8/23/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg)				
Arsenic	6.6	8.6	5.9	7.1
Lead	6.2	7	3.7	3.4

Area	18	18	18	18
Sample ID	01-N01-SS[NGRR-392]C2-005	01-N01-SS[NGRR-393]C2-005	01-N01-SS[NGRR-395]C2-005	01-N01-SS[NGRR-396]C2-005
Date Sampled	8/23/01	8/23/01	8/23/01	8/23/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg)				
Arsenic	7.9	3.6	4	3.4
Lead	4.3	62	4	3.6

Table B.7-1
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Metals Results

Area	18	18	18	18
Sample ID	01-N01-SS[NGRR-397]C2-005	01-N01-SS[NGRR-398]C2-005	01-N01-SS[NGRR-399]C2-005	01-N01-SS[NGRR-400]C2-005
Date Sampled	8/23/01	8/23/01	8/23/01	8/23/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg)				
Arsenic	7.8	3.3	13	3.3
Lead	17	3.1	15	4.5

Area	18	18	18	18
Sample ID	01-N01-SS[NGRR-401]C2-005	01-N01-SS[NGRR-402]C2-005	01-N01-SS[NGRR-403]C2-005	01-N01-SS[NGRR-404]C2-005
Date Sampled	8/23/01	8/23/01	8/23/01	8/23/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg)				
Arsenic	4.5	10	8.4	8.7
Lead	2.7	8.3	9.3	6.8

Area	18	18	18	18
Sample ID	01-N01-SS[NGRR-405]C2-005	01-N01-SS[NGRR-406]C2-005	01-N01-SS[NGRR-407]C2-005	01-N01-SS[NGRR-408]C2-005
Date Sampled	8/23/01	8/23/01	8/23/01	8/23/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg)				
Arsenic	7	6.5	9.8	13
Lead	6.1	9	16	15

Area	18	18	18	18
Sample ID	01-N01-SS[NGRR-409]C2-005	01-N01-SS[NGRR-410]C2-005	01-N01-SS[NGRR-411]C2-005-DAVG	01-N01-SS[NGRR-413]C2-005
Date Sampled	8/23/01	8/23/01	8/27/01	8/27/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg)				
Arsenic	10	14	9.3	3
Lead	11	18	8.1	2 U

Area	18	18	18	18
Sample ID	01-N01-SS[NGRR-414]C2-005	01-N01-SS[NGRR-415]C2-005	01-N01-SS[NGRR-416]C2-005	01-N01-SS[NGRR-417]C2-005
Date Sampled	8/27/01	8/27/01	8/27/01	8/27/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg)				
Arsenic	10	6.6	7.7	11
Lead	8.2	3.9	7.7	11

Table B.7-1
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Metals Results

Area	18	18	18	18
Sample ID	01-N01-SS[NGRR-418]C2-005	01-N01-SS[NGRR-419]C2-005	01-N01-SS[NGRR-420]C2-005	01-N01-SS[NGRR-421]C2-005
Date Sampled	8/27/01	8/27/01	8/27/01	8/27/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg)				
Arsenic	8.3	11	6.3	6.4
Lead	5.4	8.6	4	5

Area	18	18	18	18
Sample ID	01-TS03-SS-[R23C09]-D1-015	01-TS03-SS-[R24C08]-D1-015	01-TS03-SS-[R24C09]-D1-015	01-TS03-SS-[R24C10]-D1-015
Date Sampled	9/4/01	9/4/01	9/4/01	9/4/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg)				
Arsenic	7	5.8	10	10
Lead	17	8.8	9.2	28

Area	18	18	18	18
Sample ID	01-TS03-SS-[R25C08]-D1-015	01-TS03-SS-[R25C09]-D1-015	01-TS03-SS-[R25C10]-D1-015	01-TS04-SS[R35C14]-D1-015
Date Sampled	9/4/01	9/4/01	9/4/01	9/4/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg)				
Arsenic	9.5	8.9	4.8	33
Lead	21	96	12	19

Area	18	18	18	18
Sample ID	01-TS04-SS[R35C15]-D1-015	01-TS04-SS[R35C16]-D1-015	01-TS04-SS[R36C16]-D1-015	01-TS04-SS[R37C17]-D1-015
Date Sampled	9/4/01	9/4/01	9/4/01	9/4/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg)				
Arsenic	10	8.1	19	16
Lead	9.5	15	31	22

Area	18	18	18	18
Sample ID	02-F29-SS[F-205-2]C2-030	02-F30-SS[F-227-2]C2-030	02-F31-SS[F-233-2]C2-030	02-N01-SS[NGRR-156-2]C2-025
Date Sampled	8/30/01	8/30/01	8/30/01	8/30/01
Depth	3 to 3.5	3 to 3.5	3 to 3.5	2.5 to 3
Total Metals (mg/kg)				
Arsenic	3.9	5.6	5.7	5.3
Lead	13	35 J	54 J	2

Table B.7-1
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Metals Results

Area	**18**
Sample ID	**02-TS04-SS-[R34C15-2]-D2-030**
Date Sampled	**9/19/01**
Depth	**2 to 2.5**
Total Metals (mg/kg)	
Arsenic	8.2
Lead	5.8

Table B.7-1
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Metals Results

Area	18 North	18 North	18 North	18 North	18 North	18 North	18 North	18 North
Sample ID	18-SS-501-DAVG	18-SS-502	18-SS-503	18-SS-504	18-SS-505	18-SS-507	18-SS-508	18-SS-509
Date Sampled	5/7/92	5/7/92	5/7/92	5/7/92	5/7/92	3/4/92	5/7/92	3/4/92
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg)								
Arsenic								
Cadmium								
Chromium								
Copper								
Lead	36	55	28	57	31	120	190	270
Mercury								
Nickel								
Zinc								

Area	18 North	18 North	18 North	18 North	18 North	18 North	18 North	18 North
Sample ID	18-SS-510	18-SS-511	18-SS-514	18-SS-515	18-SS-516	18-SS-517	18-SS-518	18-SS-519
Date Sampled	3/4/92	5/7/92	3/4/92	5/4/92	5/4/92	5/4/92	5/4/92	5/4/92
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg)								
Arsenic								
Cadmium								
Chromium								
Copper								
Lead	59	5 U	87	31	25	190	28	33
Mercury								
Nickel								
Zinc								

Area	18 North	18 North	18 North	18 North	18 North	18 North	18 North	18 North
Sample ID	18-SS-520	18-SS-521-DAVG	18-SS-522	18-SS-523	18-SS-524	18-SS-525	18-SS-527	18-SS-528
Date Sampled	3/4/92	3/4/92	5/4/92	3/4/92	5/4/92	5/4/92	5/4/92	5/4/92
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Lead	1.1			2.3				
Total Metals (mg/kg)								
Arsenic								
Cadmium								
Chromium								
Copper								
Lead	1300	340	110	1800	76	15	390	190
Mercury								
Nickel								
Zinc								

Table B.7-1
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Metals Results

Area	18 North	18 North	18 North	18 North	18	18	18 North	18 North
Sample ID	18-SS-529	18-SS-530	18-SS-531	18-SS-532	18-SS-533	18-SS-534	18-SS-536	18-SS-537
Date Sampled	5/5/92	3/4/92	5/5/92	3/4/92	5/5/92	5/5/92	5/5/92	5/5/92
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg)								
Arsenic								
Cadmium								
Chromium								
Copper								
Lead	25	570	15	46	7	62	520	210
Mercury								
Nickel								
Zinc								

Area	18 North	18 North	18 North	18 North	18 North	18 North	18	18
Sample ID	18-SS-538	18-SS-539	18-SS-540-DAVG	18-SS-541	18-SS-542	18-SS-543	18-SS-546	18-SS-547
Date Sampled	5/5/92	3/4/92	5/5/92	3/4/92	3/4/92	3/4/92	5/7/92	4/27/92
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg)								
Arsenic								
Cadmium								
Chromium								
Copper								
Lead	5 U	5.8 U	250	25	26	27	16	110
Mercury								
Nickel								
Zinc								

Area	18	18	18	18	18	18	18	18
Sample ID	18-SS-548	18-SS-550	18-SS-551	18-SS-560-DAVG	18-SS-561	18-SS-562	18-SS-563	18-SS-564
Date Sampled	4/27/92	4/27/92	5/5/92	5/5/92	5/6/92	3/4/92	3/4/92	5/6/92
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg)								
Arsenic								
Cadmium								
Chromium								
Copper								
Lead	110	62	8	31	25	56	26	25
Mercury								
Nickel								
Zinc								

Table B.7-1
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Metals Results

Area	18	18	18	18	18	18	18	18
Sample ID	18-SS-565	18-SS-566	18-SS-568	18-SS-569	18-SS-570	18-SS-571	18-SS-575	18-SS-576
Date Sampled	5/6/92	3/4/92	5/6/92	5/6/92	5/6/92	5/6/92	5/6/92	5/6/92
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg)								
Arsenic								
Cadmium								
Chromium								
Copper								
Lead	89	44	290	37	40	82	5 U	55
Mercury								
Nickel								
Zinc								

Area	18	18	18	18	18	18	18	18
Sample ID	18-SS-577	18-SS-578	18-SS-580	18-SS-581	18-SS-583-DAVG	18-SS-584-2	18-SS-585	18-SS-586
Date Sampled	5/7/92	5/6/92	5/6/92	5/6/92	5/7/92	7/1/93	5/6/92	5/6/92
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg)								
Arsenic					21.4	150		
Cadmium					0.32 J			
Chromium					14.1			
Copper					26			
Lead	180	120	58	38	28	75	19	26
Mercury					0.09			
Nickel					20			
Zinc					71.8			

Area	18	18	18	18	18	18	18	18
Sample ID	18-SS-587	18-SS-588	18-SS-590	18-SS-591	18-SS-592	18-SS-593	18-SS-594-DAVG	18-SS-595
Date Sampled	5/6/92	5/6/92	5/6/92	5/7/92	5/6/92	3/4/92	5/6/92	3/4/92
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg)								
Arsenic			6.4 J					
Cadmium			0.18					
Chromium			13.5					
Copper			18.4					
Lead	21	43	6.6 U	37	150	140	84	160
Mercury			0.13 U					
Nickel			16.7					
Zinc			112					

Table B.7-1
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Metals Results

Area	18 North	18	18	18 North	18	18	18	18
Sample ID	18-SS-666	18-SS-667	18-SS-668	18-SS-670	18-SS-671	18-SS-672	18-SS-673	18-SS-674
Date Sampled	11/2/92	11/2/92	11/2/92	11/3/92	11/2/92	11/2/92	11/2/92	11/2/92
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg)								
Arsenic								
Cadmium								
Chromium								
Copper								
Lead	99	6.6 U	8.5	16	190	140	87	26
Mercury								
Nickel								
Zinc								

Area	18	18	18	18	18	18	18	18
Sample ID	18-SS-675	18-SS-676	18-SS-677	18-SS-678	18-SS-679	18-SS-680	18-SS-681	18-SS-682
Date Sampled	11/2/92	11/2/92	11/2/92	11/2/92	11/2/92	11/2/92	11/2/92	11/2/92
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg)								
Arsenic								
Cadmium								
Chromium								
Copper								
Lead	47	77	45	16	86	59	33	62
Mercury								
Nickel								
Zinc								

Area	18	18	18	18 North	18 North	18	18 North	18
Sample ID	18-SS-683	18-SS-685	18-SS-686-DAVG	18-SS-687	18-SS-688	18-SS-689	18-SS-690	18-SS-691
Date Sampled	11/2/92	11/2/92	11/2/92	11/3/92	11/3/92	11/3/92	11/3/92	11/3/92
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg)								
Arsenic								
Cadmium								
Chromium								
Copper								
Lead	51	76	59	620	86	240	170	38
Mercury								
Nickel								
Zinc								

Table B.7-1
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Metals Results

Area	18	18	18	18	18 North	18 North	18 North	18 North
Sample ID	18-SS-692-DAVG	18-SS-693	18-SS-694	18-SS-695	18-SS-696	18-SS-697	18-SS-[illegible]	18-SS-699
Date Sampled	11/3/92	11/3/92	11/3/92	11/3/92	11/3/92	11/3/92	11/3/92	11/3/92
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg)								
Arsenic								
Cadmium								
Chromium								
Copper								
Lead	8.3	130	86	81	570	110	110	36
Mercury								
Nickel								
Zinc								

Area	18 North	18 North	18 North	18 North	18 North	18 North	18 North	18 North
Sample ID	18-SS-701	18-SS-702-DAVG	18-SS-703	18-SS-705	18-SS-706	18-SS-707	18-SS-708	18-SS-709
Date Sampled	11/3/92	11/3/92	11/3/92	11/3/92	11/3/92	11/3/92	11/3/92	11/3/92
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg)								
Arsenic								
Cadmium								
Chromium								
Copper								
Lead	140	120	42	94	34	1000	930	330
Mercury								
Nickel								
Zinc								

Area	18 North	18 North	18	18	18	18	18 North	18
Sample ID	18-SS-711	18-SS-713	18-SS-730	18-SS-731	18-SS-732	18-SS-733-DAVG	18-SS-802	18-SS-803
Date Sampled	11/3/92	11/3/92	12/18/92	12/18/92	12/18/92	12/18/92	4/5/93	4/5/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg)								
Arsenic								
Cadmium								
Chromium								
Copper								
Lead	130	150	8.8	72	28	14	24	34
Mercury								
Nickel								
Zinc								

Table B.7-1
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Metals Results

Area	18	18	18	18 North	18 North	18 North	18 North	18 North
Sample ID	18-SS-804	18-SS-806	18-SS-807	18-SS-808	18-SS-809	18-SS-810	18-SS-811	18-SS-812
Date Sampled	4/5/93	4/5/93	4/5/93	4/5/93	4/5/93	4/5/93	4/5/93	4/5/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg)								
Arsenic								
Cadmium								
Chromium								
Copper								
Lead	57	31	76	130	20	150	27	71
Mercury								
Nickel								
Zinc								

Area	18 North	18 North	18	18	18	18	18	18 North
Sample ID	18-SS-813	18-SS-814	18-SS-815-DAVG	18-SS-816	18-SS-817	18-SS-819	18-SS-820	18-SS-821
Date Sampled	4/5/93	4/5/93	4/5/93	4/5/93	4/5/93	4/5/93	4/5/93	4/5/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg)								
Arsenic								
Cadmium								
Chromium								
Copper								
Lead	14	20	9.3	110	270	5.8	63	36
Mercury								
Nickel								
Zinc								

Area	18 North	18 North	18 North	18 North	18 North	18 North	18 North	18
Sample ID	18-SS-822	18-SS-823	18-SS-824	18-SS-825	18-SS-826	18-SS-827	18-SS-828	18-SS-829
Date Sampled	4/5/93	4/5/93	4/5/93	4/5/93	4/5/93	4/5/93	4/5/93	4/5/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg)								
Arsenic								
Cadmium								
Chromium								
Copper								
Lead	97	81	120	56	48	5 U	33	67
Mercury								
Nickel								
Zinc								

Table B.7-1
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Metals Results

Area	18 North	18 North	18 North	18 North	18 North	18 North	18 North	18 North
Sample ID	18-SS-831	18-SS-832	18-SS-833	18-SS-834	18-SS-835	18-SS-836	18-SS-839	18-SS-840
Date Sampled	4/5/93	4/5/93	4/5/93	4/5/93	4/5/93	4/5/93	4/5/93	4/5/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg)								
Arsenic								
Cadmium								
Chromium								
Copper								
Lead	76	200	5.7	39	75	1600	280	200 J
Mercury								
Nickel								
Zinc								

Area	18 North	18 North	18 North	18 North	18 North	18 North	18 North	18 North
Sample ID	18-SS-841	18-SS-842	18-SS-843-DAVG	18-SS-844	18-SS-845	18-SS-846	18-SS-847	18-SS-852
Date Sampled	4/5/93	4/5/93	4/5/93	4/5/93	4/5/93	4/5/93	4/5/93	4/5/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg)								
Arsenic								
Cadmium								
Chromium								
Copper								
Lead	180	21	69 J	390	200	190	420	290
Mercury								
Nickel								
Zinc								

Area	18 North	18 North	18	18 North	18 North	18 North	18	18
Sample ID	18-SS-853	18-SS-854	18-SS-856	18-SS-857	18-SS-858	18-SS-859	18-SS-860-DAVG	18-SS-861
Date Sampled	4/5/93	4/5/93	4/5/93	4/5/93	4/5/93	4/5/93	4/5/93	4/5/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg)								
Arsenic								
Cadmium								
Chromium								
Copper								
Lead	590	11	34	63	165	61	44	25
Mercury								
Nickel								
Zinc								

Table B.7-1
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Metals Results

Area	18 North	18 North	18 North	18	18	18	18 North	18 North
Sample ID	18-SS-862	18-SS-863	18-SS-864	18-SS-865	18-SS-866	18-SS-867	18-SS-868	18-SS-869
Date Sampled	4/5/93	4/5/93	4/5/93	4/5/93	4/5/93	4/5/93	4/5/93	4/5/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg)								
Arsenic								
Cadmium								
Chromium								
Copper								
Lead	5 U	379	204	17	106	59	37	21
Mercury								
Nickel								
Zinc								

Area	18 North	18 North	18 North	18	18	18	18	18
Sample ID	18-SS-870	18-SS-871	18-SS-874	18-SS-875-DAVG	18-SS-876	18-SS-877	18-SS-878	18-SS-879
Date Sampled	4/5/93	4/5/93	4/5/93	4/5/93	4/5/93	4/5/93	4/5/93	4/5/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg)								
Arsenic								
Cadmium								
Chromium								
Copper								
Lead	72	54	18	19	79	42	98	73
Mercury								
Nickel								
Zinc								

Area	18 North	18 North	18 North	18 North	18 North	18 North	18 North	18 North
Sample ID	18-SS-880	18-SS-881	18-SS-882	18-SS-883	18-SS-884	18-SS-885	18-SS-887	18-SS-888
Date Sampled	4/5/93	4/5/93	4/5/93	4/5/93	4/5/93	4/5/93	4/5/93	4/5/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg)								
Arsenic								
Cadmium								
Chromium								
Copper								
Lead	120	160	140	220 J	44	38	140	33
Mercury								
Nickel								
Zinc								

Table B.7-1
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Metals Results

Area	18 North	18 North	18 North	18 North	18 North	18 North	18	18 North
Sample ID	18-SS-889	18-SS-891	18-SS-892	18-SS-893	18-SS-894	18-SS-896	18-SS-897	18-SS-898
Date Sampled	4/5/93	4/5/93	4/5/93	4/5/93	4/5/93	4/5/93	4/5/93	4/5/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg)								
Arsenic								
Cadmium								
Chromium								
Copper								
Lead	28	65	170	130	92	360	220	1000
Mercury								
Nickel								
Zinc								

Area	18 North	18 North	18 North	18 North	18 North	18 North	18 North	18 North
Sample ID	18-SS-899	18-SS-900	18-SS-901	18-SS-902	18-SS-903	18-SS-904	18-SS-905	18-SS-906
Date Sampled	4/5/93							
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg)								
Arsenic								
Cadmium								
Chromium								
Copper								
Lead	10	2200	810	230	1000	450	360	140
Mercury								
Nickel								
Zinc								

Area	18-SS-909	18-SS-910	18-SS-915	18-SS-917	18-SS-918	18-SS-919	18-SS-920	18-SS-921
Sample ID								
Date Sampled								
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg)								
Arsenic								
Cadmium								
Chromium								
Copper								
Lead	7.6 J	7.6	130	15	25	120	250	150
Mercury								
Nickel								
Zinc								

Table B.7-1
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Metals Results

Area	18-SS-922	18-SS-924	18-SS-925	18-SS-926	18-SS-927	18-SS-932	18-SS-933	18-SS-934
Sample ID								
Date Sampled								
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg)								
Arsenic								
Cadmium								
Chromium								
Copper								
Lead	5 U	93	31	270	160	160	130	110
Mercury								
Nickel								
Zinc								

Area	18-SS-935
Sample ID	
Date Sampled	
Depth	0 to 0.5
TCLP Metals (mg/L)	
Lead	
Total Metals (mg/kg)	
Arsenic	
Cadmium	
Chromium	
Copper	
Lead	110
Mercury	
Nickel	
Zinc	

Table B.7-1
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Metals Results

Area	18	18	18	18	18	18	18	18
Sample ID	18S-PS-VS-01-01	18S-PS-VS-01-02	18S-PS-VS-01-03	18S-PS-VS-01-04	18S-PS-VS-01-06	18S-PS-VS-01-07	18S-PS-VS-01-08	18S-PS-VS-01-11-DAVG
Date Sampled	12/11/98	12/11/98	12/11/98	12/11/98	12/11/98	12/11/98	12/11/98	12/11/98
Depth	1.7 to 3.65	1 to 2.5	1.3 to 2.85	1 to 2.5	1.2 to 2.65	1 to 2.5	1.2 to 2.65	1.3 to 2.85
Total Metals (mg/kg)								
Arsenic	3.1	3.6	5.3	3.6	3.9	3.3	4.3	4.65
Cadmium								
Lead	6.2	5.6	5.8	5.6	6	4.9	5.3	4.95
Mercury								

Area	18	18	18	18	18	18	18	18
Sample ID	18-VS-104	18-VS-123	18-VS-13A	18-VS-144	18-VS-14A	18-VS-150-DAVG	18-VS-155	18-VS-165
Date Sampled	8/26/93	8/26/93	12/9/92	8/26/93	12/9/92	8/26/93	8/26/93	8/26/93
Depth	2 to 2.5	0 to 1	0 to 1	1 to 1.5	0 to 1	1 to 2	4 to 5	1 to 1.5
Total Metals (mg/kg)								
Arsenic								
Cadmium								
Lead	7.4	5.9	340	55	63	5.5 U	5.4 U	6 U
Mercury								

Area	18	18	18	18	18	18	18	18
Sample ID	18-VS-175-ST	18-VS-176-ST	18-VS-19-DAVG	18-VS-216	18-VS-217	18-VS-218	18-VS-220	18-VS-221
Date Sampled	8/31/93	8/31/93	4/12/93	9/22/99	9/22/99	9/22/99	9/22/99	9/22/99
Depth	1 to 2	1 to 2	2 to 2.5	0 to 0.5	0 to 0.5	0 to 0.5	1 to 2.5	1 to 2.5
Total Metals (mg/kg)								
Arsenic	20	22		63	15	25	2.8	5.3
Cadmium	1.5	2.9						
Lead	520	300	5.6 U	44	11	25	2.7	5.2
Mercury	0.44	0.23						

Area	18	18	18	18	18	18	18	18
Sample ID	18-VS-222	18-VS-223	18-VS-224-DAVG	18-VS-225	18-VS-226	18-VS-227	18-VS-230	18-VS-231
Date Sampled	9/22/99	9/22/99	9/22/99	9/22/99	9/22/99	9/22/99	9/22/99	9/22/99
Depth	1 to 2.5	1 to 2.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	1 to 2.5	1 to 2.5
Total Metals (mg/kg)								
Arsenic	36	4.9	9.35	67	350	40	4.9	2.3 U
Cadmium								
Lead	22	3.9	6.85	95	25	50	2.9	3.3
Mercury								

Table B.7-1
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Metals Results

Area	18	18	18	18	18	18	18	18
Sample ID	18-VS-232	18-VS-233	18-VS-234	18-VS-235	18-VS-236	18-VS-237	18-VS-238	18-VS-239
Date Sampled	9/22/99	9/22/99	9/22/99	9/22/99	9/22/99	9/22/99	9/22/99	9/22/99
Depth	1 to 2.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	1 to 2.5	1 to 2.5	1 to 2.5
Total Metals (mg/kg)								
Arsenic	6.9	56	150	36	8	2.4	6.7	2.3 U
Cadmium								
Lead	12	52	99	33	52	5.7	11	2.7
Mercury								

Area	18	18	18	18	18	18	18	18
Sample ID	18-VS-240	18-VS-240A	18-VS-241	18-VS-241A	18-VS-242	18-VS-243	18-VS-244	18-VS-245
Date Sampled	9/22/99	10/18/99	9/22/99	10/18/99	9/22/99	9/22/99	9/22/99	9/22/99
Depth	1 to 2.5	1 to 2.5	0 to 0.5	1 to 2.5	0 to 0.5	0 to 0.5	0 to 0.5	1 to 2.5
Total Metals (mg/kg)								
Arsenic	4.8	5	27	50	3.3	30	180	36
Cadmium								
Lead	11	4.9	11	5.9	3.1	13	110	21
Mercury								

Area	18	18	18	18	18	18	18	18
Sample ID	18-VS-246	18-VS-247	18-VS-248	18-VS-249	18-VS-250	18-VS-251	18-VS-252	18-VS-253
Date Sampled	9/22/99	9/22/99	9/22/99	9/23/99	9/23/99	9/23/99	9/23/99	9/23/99
Depth	1 to 2.5	1 to 2.5	1 to 2.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	1 to 2.5
Total Metals (mg/kg)								
Arsenic	1.9 U	1.9	9.7	27	3.8	3.8	4.8	8.5
Cadmium								
Lead	2	1.9	14	15	38	12	14	110
Mercury								

Area	18	18	18	18	18	18	18	18
Sample ID	18-VS-254	18-VS-255	18-VS-256	18-VS-257	18-VS-258	18-VS-259	18-VS-260	18-VS-261
Date Sampled	9/23/99	9/23/99	9/23/99	9/23/99	9/23/99	9/23/99	9/23/99	9/23/99
Depth	1 to 2.5	1 to 2.5	1 to 2.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	1 to 2.5
Total Metals (mg/kg)								
Arsenic	6.4	2.7	4.4	120	34	240	35	60
Cadmium								
Lead	92	15	49	52	39	80	16	37
Mercury								

Table B.7-1
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Metals Results

Area	18	18	18	18	18	18	18	18
Sample ID	18-VS-262	18-VS-263	18-VS-264	18-VS-29	18-VS-300	18-VS-32	18-VS-3A	18-VS-4A
Date Sampled	9/23/99	9/23/99	9/23/99	4/12/93	1/25/00	4/12/93	12/8/92	12/8/92
Depth	1 to 2.5	1 to 2.5	1 to 2.5	3 to 3.5	6.5 to 11.5	15 to 15.5	0 to 1	0 to 1
Total Metals (mg/kg)								
Arsenic	29	16	6.7		2.3 U			
Cadmium								
Lead	12	9.1	4.8	5.1 U	11	5.6 U	33	24
Mercury								

Area	18	18	18	18	18	18	18	18
Sample ID	18-VS-54	18-VS-59	18-VS-69	18-VS-6A	18-VS-73	18-VS-76	18-VS-8A	18-VS-90
Date Sampled	4/12/93	8/26/93	8/26/93	12/8/92	8/26/93	8/26/93	12/8/92	8/26/93
Depth	0 to 1	2 to 2.5	2 to 2.5	0 to 1	0 to 0.5	0 to 0.5	0 to 1	1 to 1.5
Total Metals (mg/kg)								
Arsenic								
Cadmium								
Lead	5.8 U	5.1 U	5.3 U	58	5.4 U	240	8.1	120
Mercury								

Area	18	18
Sample ID	18-VS-92	18-VS-9A
Date Sampled	8/26/93	12/8/92
Depth	2 to 2.5	0 to 1
Total Metals (mg/kg)		
Arsenic		
Cadmium		
Lead	240	240
Mercury		

Table B.7-1
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Metals Results

Area	18	18	18	18	18	18	18 North	18 North
Sample ID	18-TP-21,S-1	18-TP-25,S-1	18-TP-26,S-1	18-TP-27,S-1	18-TP-28,S-1	18-TP-29,S-1	18-TP-30,S-1	18-TP-31,S-1
Date Sampled	4/16/87	4/29/87	4/29/87	4/29/87	4/29/87	4/29/87	4/29/87	4/29/87
Depth	0 to 4	0 to 4	0 to 4	0 to 5	0 to 5	0 to 5	0 to 5	0 to 5
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg)								
Arsenic								
Cadmium								
Chromium								
Copper								
Lead	16	2400	520	120	26	390	730	300
Mercury								
Nickel								
Zinc								

Area	18	18	18 North	18 North	18 North	18 North	18 North	18 North	18 North
Sample ID	18-TP-33,S-1-DAVG	18-TP-34,S-1	18-TP-501-S-1-DAVG	18-TP-501-S-2-DAVG	18-TP-501-S-3	18-TP-502-S-1	18-TP-502-S-2	18-TP-502-S-3
Date Sampled	4/30/87	4/30/87	5/11/92	5/11/92	5/11/92	5/1/92	5/1/92	5/1/92
Depth	0 to 4	0 to 3	0 to 1	3 to 6	8 to 10	0 to 1	3 to 6	8 to 10
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg)								
Arsenic				3.6 J			2.3	
Cadmium				0.03 J			0.057	
Chromium				15.9			11	
Copper				15			11	
Lead	2900	250	55	5.2 U	5 U	520	5.5 U	5 U
Mercury				0.11 U			0.092 U	
Nickel				19.9			16	
Zinc				27.6			19	

Area	18 North	18 North	18 North	18 North	18 North	18 North	18 North	18 North
Sample ID	18-TP-503-S-1	18-TP-503-S-2	18-TP-503-S-3	18-TP-504-S-1	18-TP-504-S-2	18-TP-504-S-3	18-TP-505-S-1	18-TP-505-S-2
Date Sampled	5/1/92	5/1/92	5/1/92	5/11/92	5/11/92	5/11/92	5/11/92	5/11/92
Depth	0 to 1	3 to 6	8 to 10	0 to 1	3 to 6	8 to 10	0 to 1	3 to 6
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg)								
Arsenic		2.4			3			3.3 J
Cadmium		0.076			0.09 J			0.07 J
Chromium		16			11.3			15.6
Copper		14			14.4			21.6
Lead	160	5.3 U	5 U	330	5.5	5 U	68	5.4 U
Mercury		0.079 U			0.11 U			0.11 U
Nickel		19			14.8			21.6
Zinc		24			21.6			29.8

Table B.7-1
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Metals Results

Area	18 North	18 North	18 North	18 North	18 North	18 North	18 North	18 North
Sample ID	18-TP-505-S-3	18-TP-506-S-1	18-TP-506-S-2	18-TP-506-S-3	18-TP-507-S-1	18-TP-507-S-2	18-TP-507-S-3	18-TP-508-S-1
Date Sampled	5/11/92	5/12/92	5/12/92	5/12/92	5/12/92	5/12/92	5/12/92	5/12/92
Depth	8 to 10	0 to 1	3 to 6	8 to 10	0 to 1	3 to 6	8 to 10	0 to 1
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg)								
Arsenic								
Cadmium								
Chromium								
Copper								
Lead	4 J	56	32	5 U	700	16	5 U	5 U
Mercury								
Nickel								
Zinc								

Area	18 North	18 North	18	18	18	18	18	18
Sample ID	18-TP-508-S-2	18-TP-508-S-3	18-TP-509-S-1	18-TP-509-S-2	18-TP-509-S-3	18-TP-510-S-2-DAVG	18-TP-510-S-3	18-TP-512-S-1
Date Sampled	5/12/92	5/12/92	5/12/92	5/12/92	5/12/92	5/14/92	5/14/92	5/14/92
Depth	3 to 6	8 to 10	0 to 1	3 to 6	8 to 10	3 to 6	8 to 10	0 to 1
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg)								
Arsenic						3.12		
Cadmium						0.1		
Chromium						13.7		
Copper						16.5		
Lead	5 U	5 U	56	5 U	5 U	5.3	5 U	60
Mercury						0.11 U		
Nickel						19.6		
Zinc						23		

Area	18	18	18	18	18	18	18	18
Sample ID	18-TP-512-S-2	18-TP-512-S-3	18-TP-513-S-1	18-TP-513-S-2	18-TP-513-S-3	18-TP-514-S-1-DAVG	18-TP-514-S-2	18-TP-514-S-3
Date Sampled	5/14/92	5/14/92	5/14/92	5/14/92	5/14/92	5/11/92	5/11/92	5/11/92
Depth	3 to 6	8 to 10	0 to 1	3 to 6	8 to 10	0 to 1	3 to 6	8 to 10
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg)								
Arsenic	2.54			3.15			4.5 J	
Cadmium	0.06			0.06			0.08 J	
Chromium	14.6			17.4			14.8	
Copper	19.3			18.6			16.5	
Lead	5.5 U	5 U	19	5.4 U	5 U	220	5.3 U	5 U
Mercury	0.11 U			0.11 U			0.11 U	
Nickel	20.2			20.9			17.9	
Zinc	24.3			25			25.8	

Table B.7-1
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Metals Results

Area	18	18	18	18	18	18	18	18
Sample ID	18-TP-515-S-2	18-TP-515-S-3	18-TP-516-S-1	18-TP-516-S-2	18-TP-516-S-3	18-TP-517-S-1	18-TP-517-S-2	18-TP-517-S-3
Date Sampled	5/14/92	5/14/92	5/14/92	5/14/92	5/14/92	5/14/92	5/14/92	5/14/92
Depth	3 to 6	8 to 10	0 to 1	3 to 6	8 to 10	0 to 1	3 to 6	8 to 10
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg)								
Arsenic								
Cadmium								
Chromium								
Copper								
Lead	5 U	5 U	19	5 U	5 U	92	5 U	5 U
Mercury								
Nickel								
Zinc								

Area	18	18	18	18	18	18	18	18
Sample ID	18-TP-518-S-1	18-TP-518-S-2	18-TP-518-S-3	18-TP-519-S-2-DAVG	18-TP-519-S-3	18-TP-520-S-1	18-TP-520-S-2-DAVG	18-TP-520-S-3
Date Sampled	5/14/92	5/14/92	5/14/92	5/11/92	5/11/92	4/27/92	4/27/92	4/27/92
Depth	0 to 1	3 to 6	8 to 10	3 to 6	8 to 10	0 to 1	3 to 6	8 to 10
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg)								
Arsenic				3.5			1.4	
Cadmium				0.07 J			0.62	
Chromium				17.5			8.3	
Copper				18.7			20	
Lead	21	5 U	5 U	5.3 U	18	5.7 U	5.2 U	5.4 U
Mercury				0.11 U			0.085 U	
Nickel				18.6			12	
Zinc				26.1			53	

Area	18	18	18	18	18	18	18	18
Sample ID	18-TP-521-S-3	18-TP-522-S-3	18-TP-523-S-2	18-TP-523-S-3	18-TP-524-S-1	18-TP-524-S-2	18-TP-524-S-3	18-TP-525-S-2
Date Sampled	5/12/92	5/13/92	5/13/92	5/13/92	5/12/92	5/12/92	5/12/92	5/12/92
Depth	8 to 10	8 to 10	3 to 6	8 to 10	0 to 1	3 to 6	8 to 10	3 to 6
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg)								
Arsenic								4.57 J
Cadmium								0.05 J
Chromium								15.7
Copper								18.6
Lead	5 U	5 U	5 U	5 U	68	5 U	5 U	5.4 U
Mercury								0.11 U
Nickel								20.6
Zinc								29.5

Table B.7-1
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Metals Results

Area	18	18	18	18	18	18	18	18
Sample ID	18-TP-525-S-3	18-TP-526-S-1	18-TP-526-S-2	18-TP-526-S-3	18-TP-527-S-1-DAVG	18-TP-527-S-2-DAVG	18-TP-527-S-3	18-TP-528-S-1
Date Sampled	5/12/92	4/30/92	4/30/92	4/30/92	5/13/92	5/13/92	5/13/92	5/13/92
Depth	8 to 10	0 to 1	3 to 6	8 to 10	0 to 1	3 to 6	8 to 10	0 to 1
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg)								
Arsenic			4.36					
Cadmium			0.09					
Chromium			23.2					
Copper			28.5					
Lead	5 U	140	5.2 U	5 U	5 U	5 U	5 U	13
Mercury			0.11 U					
Nickel			24.4					
Zinc			41.6					

Area	18	18	18	18	18	18	18	18
Sample ID	18-TP-528-S-2	18-TP-528-S-3	18-TP-529-S-1	18-TP-529-S-2	18-TP-529-S-3	18-TP-530-S-1	18-TP-530-S-2	18-TP-530-S-3
Date Sampled	5/13/92	5/13/92	5/13/92	5/13/92	5/13/92	5/13/92	5/13/92	5/13/92
Depth	3 to 6	8 to 10	0 to 1	3 to 6	8 to 10	0 to 1	3 to 6	8 to 10
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg)								
Arsenic								
Cadmium								
Chromium								
Copper								
Lead	6	6	5 U	7	5 U	5 U	5 U	5
Mercury								
Nickel								
Zinc								

Area	18	18	18	18	18	18	18	18
Sample ID	18-TP-531-S-1-DAVG	18-TP-531-S-2	18-TP-531-S-3	18-TP-532-S-1	18-TP-532-S-2	18-TP-532-S-3	18-TP-533-S-1-DAVG	18-TP-533-S-2-DAVG
Date Sampled	5/15/92	5/15/92	5/15/92	4/29/92	4/29/92	4/29/92	4/28/92	4/28/92
Depth	0 to 1	3 to 6	8 to 10	0 to 1	3 to 6	8 to 10	0 to 1	2 to 3
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg)								
Arsenic		3.33			7.05			2.6
Cadmium		0.08			0.1			0.9
Chromium		12.2			19.7			22
Copper		16.4			29.6			12
Lead	12	5.4 U	5 U	97	67	5 U	21	5.9 U
Mercury		0.11 U			0.12 U			0.09 U
Nickel		19.4			23.4			21
Zinc		29.8			49.3			25

Table B.7-1
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Metals Results

Area	18	18	18	18 North	18 North	18 North	18 North	18 North
Sample ID	18-TP-533-S-4	18-TP-534-S-2	18-TP-534-S-3	18-TP-535-S-1-DAVG	18-TP-535-S-2	18-TP-535-S-3	18-TP-536-S-1	18-TP-536-S-2
Date Sampled	4/28/92	4/30/92	4/30/92	4/27/92	4/27/92	4/27/92	4/27/92	4/27/92
Depth	8 to 10	3 to 6	8 to 10	0 to 1	3 to 6	8 to 10	0 to 1	3 to 6
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg)								
Arsenic		3.43			2.4			2.8
Cadmium		0.07			1			0.41
Chromium		14.5			13			12
Copper		14.5			24000			19
Lead	5.3 U	5.2 U	5 U	90	60	26	59	5.5 U
Mercury		0.11 U			0.1 U			0.094 U
Nickel		18.5			18			16
Zinc		53.3			1100			22

Area	18 North	18	18	18	18	18	18	18
Sample ID	18-TP-536-S-3	18-TP-537-S-2	18-TP-537-S-3	18-TP-538-S-1	18-TP-538-S-2	18-TP-538-S-3	18-TP-539-S-1	18-TP-539-S-2
Date Sampled	4/27/92	4/24/92	4/24/92	4/24/92	4/24/92	4/24/92	4/24/92	4/24/92
Depth	8 to 10	3 to 6	8 to 10	0 to 1	3 to 6	8 to 10	0 to 1	3 to 6
TCLP Metals (mg/L)				0.45				
Lead								
Total Metals (mg/kg)								
Arsenic		1.9			1			2.2
Cadmium		0.048			0.03			0.09
Chromium		11			6			11
Copper		16			14			13
Lead	5.2 U	5.4 U	4.9 U	960	5.3 U	37	36	5.5 U
Mercury		0.086 U			0.095 U			0.091 U
Nickel		17			10			15
Zinc		23			23			21

Area	18	18	18	18	18	18	18	18
Sample ID	18-TP-539-S-3	8-TP-540-S-2-DAV	18-TP-540-S-3	18-TP-541-S-1	18-TP-541-S-2	18-TP-541-S-3	18-TP-542-S-2-DAVG	18-TP-542-S-3
Date Sampled	4/24/92	4/24/92	4/24/92	4/24/92	4/24/92	4/24/92	4/28/92	4/28/92
Depth	8 to 10	3 to 6	8 to 10	0 to 1	3 to 6	8 to 10	3 to 6	8 to 10
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg)								
Arsenic		1.7			1.6		1.4 J	
Cadmium		0.062			0.032		0.031	
Chromium		10			8.1		7.9	
Copper		14			15		7 J	
Lead	4.9 U	5.4 U	7.1	18	5.2 U	5 U	5.2 U	5.5 U
Mercury		0.092 U			0.098 U		0.08 U	
Nickel		15			13		8.7	
Zinc		32			20		23	

Table B.7-1
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Metals Results

Area	18	18	18	18	18	18	18	18
Sample ID	18-TP-543-S-1	18-TP-543-S-2	18-TP-543-S-3	18-TP-544-S-1	18-TP-544-S-2	18-TP-544-S-3	18-TP-545-S-1	18-TP-545-S-2
Date Sampled	4/28/92	4/28/92	4/28/92	5/15/92	5/15/92	5/15/92	4/29/92	4/29/92
Depth	0 to 1	3 to 6	8 to 10	0 to 1	3 to 6	8 to 10	0 to 1	3 to 6
TCLP Metals (mg/L)								
Lead	6.7							
Total Metals (mg/kg)								
Arsenic		1.8			4.36			9.06
Cadmium		0.29			0.22			0.4
Chromium		8.3			13.4			21.2
Copper		13			61.8			17.3
Lead	1900	5.1 U	5 U	28	290	35	15	9.6
Mercury		0.077 U			0.11 U			0.12 U
Nickel		13			16.8			21.1
Zinc		21			147			269

Area	18	18	18	18 North	18 North	18 North	18	18
Sample ID	18-TP-545-S-3	18-TP-546-S-2	18-TP-546-S-3	18-TP-547-S-1-DAVG	18-TP-547-S-2-DAVG	18-TP-547-S-3	18-TP-548-S-1	18-TP-548-S-2
Date Sampled	4/29/92	4/28/92	4/28/92	5/1/92	5/1/92	5/1/92	5/14/92	5/14/92
Depth	8 to 10	3 to 6	8 to 10	0 to 1	3 to 6	8 to 10	0 to 1	3 to 6
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg)								
Arsenic		5.8			2			2.61
Cadmium		0.076			0.062			0.08
Chromium		11			12			16.6
Copper		8.4 J			14			15.1
Lead	5 U	5.4 U	5.2 U	140	5.3 U	5 U	19	5.5 U
Mercury		0.082 U			0.082 U			0.11 U
Nickel		15			15			20.3
Zinc		41			22			30.8

Area	18	18	18	18	18	18	18	18
Sample ID	18-TP-548-S-3	18-TP-549-S-1	18-TP-549-S-2	18-TP-549-S-3	18-TP-550-S-1	18-TP-550-S-2	18-TP-550-S-3	18-TP-551-S-1
Date Sampled	5/14/92	5/1/92	5/1/92	5/1/92	5/15/92	5/15/92	5/15/92	5/15/92
Depth	8 to 10	0 to 1	3 to 6	8 to 10	0 to 1	3 to 6	8 to 10	0 to 1
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg)								
Arsenic			1.8			3.23		
Cadmium			0.062			0.17		
Chromium			8.5			14.9		
Copper			11			18		
Lead	5	85	5.4 U	5 U	8.6	60	5 U	33
Mercury			0.08 U			0.11 U		
Nickel			12			18.5		
Zinc			19			59.4		

Table B.7-1
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Metals Results

Area	18	18	18	18	18	18	18	18
Sample ID	18-TP-551-S-2	18-TP-551-S-3	18-TP-552-S-1	18-TP-552-S-2	18-TP-552-S-3	18-TP-553-S-1	18-TP-553-S-2	18-TP-554-S-1
Date Sampled	5/15/92	5/15/92	4/29/92	4/29/92	4/29/92	4/29/92	4/29/92	4/29/92
Depth	3 to 6	8 to 10	0 to 1	3 to 6	8 to 10	0 to 1	3 to 6	0 to 1
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg)								
Arsenic	4.38			3.45			4.23	
Cadmium	0.06			0.08			0.71	
Chromium	16.7			15			20.7	
Copper	20			17			66.3	
Lead	5.7 U	5 U	11	5.2 U	5 U	11	46	40
Mercury	0.12 U			0.11 U			0.12 U	
Nickel	19			19.4			24.4	
Zinc	29.6			33.2			364	

Area	18	18	18	18	18	18	18	18
Sample ID	18-TP-554-S-2	18-TP-554-S-3	18-TP-555-S-1-DAVG	18-TP-555-S-2-DAVG	18-TP-555-S-3	18-TP-556-S-1	18-TP-556-S-2	18-TP-556-S-3
Date Sampled	4/29/92	4/29/92	4/30/92	4/30/92	4/30/92	5/13/92	5/13/92	5/13/92
Depth	3 to 6	8 to 10	0 to 1	3 to 6	8 to 10	0 to 1	3 to 6	8 to 10
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg)								
Arsenic	4.39			19.8			2.25	
Cadmium	0.07			0.24			0.1	
Chromium	17.2			23.4			10	
Copper	14.8			23.7			17	
Lead	5.6 U	5 U	31	160	5 U	7	5.2 U	6
Mercury	0.12 U			0.11 U			0.1 U	
Nickel	20.1			22.3			15.6	
Zinc	30.4			89.9			27.9	

Area	18	18	18	18	18	18	18 North	18 North
Sample ID	18-TP-557-S-1	18-TP-557-S-2	18-TP-557-S-3	18-TP-558-S-1	18-TP-558-S-3	18-TP-558-S-4	18-TP-559-S-1-DAVG	18-TP-559-S-2-DAVG
Date Sampled	4/30/92	4/30/92	4/30/92	4/30/92	4/30/92	4/30/92	5/1/92	5/1/92
Depth	0 to 1	3 to 6	8 to 10	0 to 1	3 to 6	8 to 10	0 to 1	3 to 6
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg)								
Arsenic		3.08			3.21			2.4
Cadmium		0.06			0.06			0.038
Chromium		19.1			17.1			4.3
Copper		16.3			20.8			3.1
Lead	5 U	9.4	260	26	5.1 U	5 U	76	23
Mercury		0.11 U			0.11 U			0.083 U
Nickel		21.5			22.5			2.9
Zinc		67.4			31.1			8.6

Table B.7-1
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Metals Results

Area	18 North
Sample ID	18-TP-559-S-3
Date Sampled	5/1/92
Depth	8 to 10
TCLP Metals (mg/L)	
Lead	
Total Metals (mg/kg)	
Arsenic	
Cadmium	
Chromium	
Copper	
Lead	100
Mercury	
Nickel	
Zinc	

Area	18	18	18	18	18	18
Sample ID	18-HA-501-S-1-DAVG	18-HA-501-S-2	18-HA-502-S-1	18-HA-502-S-2	18-HA-503-S-1	18-HA-503-S-2
Date Sampled	5/21/92	5/21/92	5/21/92	5/21/92	5/21/92	5/21/92
Depth	0 to 1	2 to 3	0 to 1	2 to 3	0 to 1	2 to 3
TCLP Metals (mg/L)						
Arsenic						
Total Metals (mg/kg)						
Arsenic						
Lead	46	5.8	5	5	74	22

Area	18	18	18	18	18	18
Sample ID	18-MH-1	18-MH-2	18-MH-3	18-MH-4	18-MH-6	18-MH-7
Date Sampled	7/1/93	7/1/93	7/1/93	7/1/93	7/1/93	7/7/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)						
Arsenic	0.05 U					
Total Metals (mg/kg)						
Arsenic	460	20	52	140	43	38
Lead						

Table B.7-1
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Metals Results

Area	18	18	18	18	18	18	18	18
Sample ID	SA5-86-41	SA5-86-42	SA5-86-43	SA5-86-44	SA5-87-41a	SA5-87-42	SA5-87-43	SA5-87-44
Date Sampled	10/12/99	10/12/99	10/12/99	10/12/99	10/13/99	10/12/99	10/12/99	10/12/99
Depth	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5
Total Metals (mg/kg)								
Arsenic	52	9.6	13	8.2	7	19	5.3	5.7
Lead	40	15	15	9.2	9.9	21	9.4	7.6

Area	18	18	18	18	18	18	18	18
Sample ID	SA5-87-45a	SA5-88-41a	SA5-88-42	SA5-88-43	SA5-88-44a	SA5-88-45a	SA5-89-40-DAVG	SA5-89-41a
Date Sampled	10/13/99	10/13/99	10/12/99	10/12/99	10/18/99	10/13/99	10/12/99	10/13/99
Depth	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	4 to 5.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5
Total Metals (mg/kg)								
Arsenic	50	11	12	20	3.2	10	11.5	44
Lead	16	13	18	13	4.3	12	15.5	53

Area	18	18	18	18	18	18	18	18
Sample ID	SA5-89-42	SA5-89-43	SA5-89-45a	SA5-91-41	SA5-91-42	SA5-92-41	SA5-92-42a	SA5-92-43a
Date Sampled	10/12/99	10/12/99	10/13/99	10/12/99	10/12/99	10/12/99	10/13/99	10/13/99
Depth	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5
Total Metals (mg/kg)								
Arsenic	9.5	10	2.9	7.3	58	4	5	24
Lead	10	15	5.8	9.7	52	5.8	6.9	22

Area	18	18	18	18	18	18	18	18
Sample ID	SA5-93-41	SA5-93-42	SA5-93-43	SA5-93-44a	SA5-94-41	SA5-94-42	SA5-94-43	SA5-94-44a
Date Sampled	10/12/99	10/12/99	10/12/99	10/13/99	10/12/99	10/12/99	10/12/99	10/13/99
Depth	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5
Total Metals (mg/kg)								
Arsenic	4.2	7.7	3.4	2.8	6.9	5.7	4.6	2.6
Lead	5.2	8.4	5.1	4.9	8.8	6	5.6	4.6

Table B.7-1
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Metals Results

Area	18	18	18	18	18	18	18	18
Sample ID	SA5-95-41	SA5-95-42	SA5-95-43	SA5-96-42a	SA6-67-26	SA6-67-27	SA6-67-28	SA6-67-29
Date Sampled	10/12/99	10/12/99	10/12/99	10/13/99	10/15/99	10/15/99	10/15/99	10/15/99
Depth	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5
Total Metals (mg/kg)								
Arsenic	4.9	4.7	4	2.8	20	16	2.7	7.2
Lead	6.4	5.3	5	4.7	37	43	8.8	24

Area	18	18	18	18	18	18	18	18
Sample ID	SA6-67-30	SA6-67-31	SA6-67-32	SA6-67-33	SA6-67-34	SA6-67-35	SA6-68-26	SA6-68-27
Date Sampled	10/15/99	10/15/99	10/15/99	10/15/99	10/15/99	10/15/99	10/15/99	10/15/99
Depth	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5
Total Metals (mg/kg)								
Arsenic	3.3	3.8	10	3.5	3	2.8	5.5	14
Lead	5.4	4.8	53	4.8	4.4	4.7	4.3 U	120

Area	18	18	18	18	18	18	18	18
Sample ID	SA6-68-28	SA6-68-29	SA6-68-30	SA6-68-31	SA6-68-32	SA6-68-33	SA6-68-34	SA6-68-35
Date Sampled	10/15/99	10/15/99	10/15/99	10/15/99	10/15/99	10/15/99	10/15/99	10/15/99
Depth	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5
Total Metals (mg/kg)								
Arsenic	9.4	16	5.2	6.2	4.3	18	4.4	4.9
Lead	15	39	12	7.1	6.3	16	7	8.3

Area	18	18	18	18	18	18	18	18
Sample ID	SA6-68-36	SA6-69-27	SA6-69-28	SA6-69-29	SA6-69-30	SA6-69-31	SA6-69-32	SA6-69-33
Date Sampled	10/15/99	10/15/99	10/15/99	10/15/99	10/15/99	10/15/99	10/15/99	10/15/99
Depth	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5
Total Metals (mg/kg)								
Arsenic	6.3	3.5	2.3	2.5	5.9	5.6	3.7	5.1
Lead	11	6.2	4.2 U	4.7 U	5.1	12	7.2	18

Table B.7-1
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Metals Results

Area	18	18	18	18	18	18	18	18
Sample ID	SA6-69-34	SA6-69-35	SA6-69-36	SA6-70-27	SA6-70-28	SA6-70-29	SA6-70-30	SA6-70-31
Date Sampled	10/15/99	10/15/99	10/15/99	10/15/99	10/15/99	10/15/99	10/15/99	10/15/99
Depth	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5
Total Metals (mg/kg)								
Arsenic	4	3.4	6.1	19	3.1	2.1 U	2.4	37
Lead	5.9	4.8	6.9	44	6.8	4.1 U	4.5 U	58

Area	18	18	18	18	18	18	18	18
Sample ID	SA6-70-32	SA6-70-33	SA6-70-34	SA6-70-35	SA6-70-36	SA6-71-28	SA6-71-29	SA6-71-30
Date Sampled	10/15/99	10/15/99	10/15/99	10/15/99	10/15/99	10/15/99	10/15/99	10/15/99
Depth	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5
Total Metals (mg/kg)								
Arsenic	12	6.2	3.7	7.8	3.6	39	2.9	4
Lead	27	11	6.4	15	5.7	110	3.8 U	5.4

Area	18	18	18	18	18
Sample ID	SA6-71-31	SA6-71-32	SA6-71-33	SA6-71-34	SA6-71-35
Date Sampled	10/15/99	10/15/99	10/15/99	10/15/99	10/15/99
Depth	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5
Total Metals (mg/kg)					
Arsenic	22	8.6	19	5.5	3.8
Lead	77	17	1600	8	6.9

Table B.7-1
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Metals Results

Area	1234	1234	1234	1234	1234	1234
Sample ID	01-F10-SS[F-177]C2-005	01-F10-SS[F-178]C2-005	01-F10-SS[F-179]C2-005	01-F10-SS[F-180]C2-005	01-F10-SS[F-181]C2-005	01-F10-SS[F-182]C2-005
Date Sampled	7/19/01	7/19/01	7/19/01	7/19/01	7/19/01	7/19/01
Depth	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
TCLP Metals (mg/L)						
Lead						
Total Metals (mg/kg dry)						
Arsenic	2.4	11	5.5	10	12	4.6
Cadmium						
Chromium						
Copper						
Lead	4.5	98	89	60	16	18
Mercury						
Nickel						
Zinc						

Area	1234	1234	1234	1234	1234	1234
Sample ID	01-N01-SS[NGRR-101]C2-005	01-N01-SS[NGRR-102]C2-005	01-N01-SS[NGRR-120]C2-005	01-N01-SS[NGRR-121]C2-005	01-N01-SS[NGRR-122]C2-005	1234-SS-501
Date Sampled	7/19/01	7/19/01	7/23/01	7/23/01	7/23/01	5/7/92
Depth	1 to 2	1 to 2	1 to 2	1 to 2	1 to 2	0 to 0.5
TCLP Metals (mg/L)						
Lead						
Total Metals (mg/kg dry)						
Arsenic	6.5	3.1	13	4.3	5.7	
Cadmium						
Chromium						
Copper						
Lead	5.8	76	19	3.9	8.1	23
Mercury						
Nickel						
Zinc						

Area	1234	1234	1234	1234	1234	1234
Sample ID	1234-SS-502	1234-SS-503	1234-SS-504	1234-SS-505	1234-SS-506	1234-SS-507
Date Sampled	5/7/92	5/7/92	5/7/92	5/7/92	5/7/92	5/7/92
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)						
Lead						
Total Metals (mg/kg dry)						
Arsenic						
Cadmium						
Chromium						
Copper						
Lead	63	100	19	14	46	200
Mercury						
Nickel						
Zinc						

Table B.7-1
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Metals Results

Area	1234	1234	1234	1234	1234	1234
Sample ID	1234-SS-508	1234-SS-509	1234-SS-510	1234-SS-511	1234-SS-512	1234-SS-513-DAVG
Date Sampled	5/7/92	5/8/92	5/8/92	3/4/92	3/4/92	5/8/92
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)						
Lead						
Total Metals (mg/kg dry)						
Arsenic						
Cadmium						
Chromium						
Copper						
Lead	17	19	430	59	6.1 U	170
Mercury						
Nickel						
Zinc						

Area	1234	1234	1234	1234	1234	1234
Sample ID	1234-SS-514-DAVG	1234-SS-515	1234-TP-501-S-1	1234-TP-501-S-2	1234-TP-502-S-1	1234-TP-502-S-2
Date Sampled	3/4/92	5/8/92	5/18/92	5/18/92	5/18/92	5/18/92
Depth	0 to 0.5	0 to 0.5	0 to 1	3 to 6	0 to 1	3 to 6
TCLP Metals (mg/L)						
Lead						
Total Metals (mg/kg dry)						
Arsenic						
Cadmium						
Chromium						
Copper						
Lead	51	48	270	79	7.8	5 U
Mercury						
Nickel						
Zinc						

Area	1234	1234	1234	1234	1234	1234
Sample ID	1234-TP-502-S-3	1234-TP-503-S-1	1234-TP-503-S-2	1234-TP-503-S-3	1234-TP-504-S-1-DAVG	1234-TP-504-S-2
Date Sampled	5/18/92	5/21/92	5/21/92	5/21/92	5/19/92	5/19/92
Depth	8 to 10	0 to 1	3 to 6	8 to 10	0 to 1	3 to 6
TCLP Metals (mg/L)						
Lead						
Total Metals (mg/kg dry)						
Arsenic						
Cadmium						
Chromium						
Copper						
Lead	5 U	100	5 U	5 U	300	42
Mercury						
Nickel						
Zinc						

Table B.7-1
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Metals Results

Area	1234	1234	1234	1234	1234	1234
Sample ID	1234-TP-505-S-1	1234-TP-505-S-2	1234-TP-505-S-3	1234-TP-506-S-1	1234-TP-506-S-2	1234-TP-506-S-3
Date Sampled	5/19/92	5/19/92	5/19/92	5/20/92	5/20/92	5/20/92
Depth	0 to 1	3 to 6	8 to 10	0 to 1	3 to 6	8 to 10
TCLP Metals (mg/L)						
Lead						
Total Metals (mg/kg dry)						
Arsenic					3.73	
Cadmium					0.16	
Chromium					12.3	
Copper					29.1	
Lead	50	68	5 U	54	65	7
Mercury					0.11 U	
Nickel					35	
Zinc					53.9	

Area	1234	1234	1234	1234	1234	1234
Sample ID	1234-TP-507-S-1	1234-TP-507-S-2	1234-TP-507-S-3	1234-TP-508-S-1	1234-TP-508-S-2	1234-TP-508-S-3
Date Sampled	5/18/92	5/18/92	5/18/92	5/18/92	5/18/92	5/18/92
Depth	0 to 1	3 to 6	8 to 10	0 to 1	3 to 6	8 to 10
TCLP Metals (mg/L)						
Lead						
Total Metals (mg/kg dry)						
Arsenic						
Cadmium						
Chromium						
Copper						
Lead	34	5 U	5 U	81	11	5 U
Mercury						
Nickel						
Zinc						

Area	1234	1234	1234	1234	1234	1234
Sample ID	1234-TP-509-S-1	1234-TP-509-S-2	1234-TP-509-S-3	1234-TP-510-S-2-DAVG	1234-TP-511-S-1	1234-TP-511-S-2
Date Sampled	5/21/92	5/21/92	5/21/92	5/21/92	5/21/92	5/21/92
Depth	0 to 1	3 to 6	8 to 10	3 to 6	0 to 1	3 to 6
TCLP Metals (mg/L)						
Lead						
Total Metals (mg/kg dry)						
Arsenic						
Cadmium						
Chromium						
Copper						
Lead	26	5 U	5 U	5 U	6	5 U
Mercury						
Nickel						
Zinc						

Table B.7-1
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Metals Results

Area	1234	1234	1234	1234	1234	1234
Sample ID	1234-TP-512-S-1	1234-TP-512-S-2	1234-TP-513-S-1	1234-TP-513-S-2	1234-TP-514-S-1	1234-TP-514-S-2
Date Sampled	5/19/92	5/19/92	5/19/92	5/19/92	5/19/92	5/19/92
Depth	0 to 1	3 to 6	0 to 1	3 to 6	0 to 1	3 to 6
TCLP Metals (mg/L)						
Lead	28					
Total Metals (mg/kg dry)						
Arsenic						
Cadmium						
Chromium						
Copper						
Lead	2500	19	560	15	470	36
Mercury						
Nickel						
Zinc						

Area	1234	1234	1234	1234	1234	1234
Sample ID	1234-TP-515-S-1	1234-TP-515-S-2	1234-TP-516-S-1-DAVG	1234-TP-516-S-2	1234-TP-517-S-1	1234-TP-517-S-2
Date Sampled	5/19/92	5/19/92	5/20/92	5/20/92	5/20/92	5/20/92
Depth	0 to 1	3 to 6	0 to 1	3 to 6	0 to 1	3 to 6
TCLP Metals (mg/L)						
Lead						
Total Metals (mg/kg dry)						
Arsenic						
Cadmium						
Chromium						
Copper						
Lead	19	5 U	52	20	200	5 U
Mercury						
Nickel						
Zinc						

Area	1234	1234	1234	1234	1234	1234
Sample ID	1234-TP-518-S-1	1234-TP-518-S-2	1234-TP-519-S-1	1234-TP-519-S-2	1234-TP-520-S-1	1234-TP-520-S-2
Date Sampled	5/19/92	5/19/92	5/20/92	5/20/92	5/18/92	5/18/92
Depth	0 to 1	3 to 6	0 to 1	3 to 6	0 to 1	3 to 6
TCLP Metals (mg/L)						
Lead						
Total Metals (mg/kg dry)						
Arsenic						
Cadmium						
Chromium						
Copper						
Lead	5 U	5 U	9	5 U	410	5 U
Mercury						
Nickel						
Zinc						

Table B.7-1
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Metals Results

Area	1234	1234	1234	1234	1234	1234
Sample ID	1234-TP-521-S-1	1234-TP-521-S-2	1234-TP-522-S-1-DAVG	1234-TP-522-S-2-DAVG	1234-TP-523-S-1	1234-TP-523-S-2
Date Sampled	5/18/92	5/18/92	5/20/92	5/20/92	5/20/92	5/20/92
Depth	0 to 1	3 to 6	0 to 1	3 to 6	0 to 1	3 to 6
TCLP Metals (mg/L)						
Lead						
Total Metals (mg/kg dry)						
Arsenic						
Cadmium						
Chromium						
Copper						
Lead	11	5 U	330	5 U	77	5 U
Mercury						
Nickel						
Zinc						

Area	1234	1234	1234	1234	1234	1234
Sample ID	1234-TP-524-S-1	1234-TP-524-S-2	1234-TP-525-S-1	1234-TP-525-S-2	1234-TP-526-S-1-DAVG	1234-TP-526-S-2-DAVG
Date Sampled	5/18/92	5/18/92	5/20/92	5/20/92	5/19/92	5/19/92
Depth	0 to 1	3 to 6	0 to 1	3 to 6	0 to 1	3 to 6
TCLP Metals (mg/L)						
Lead			14			
Total Metals (mg/kg dry)						
Arsenic						
Cadmium						
Chromium						
Copper						
Lead	310	32	1900	330	5 U	5 U
Mercury						
Nickel						
Zinc						

Area	1234	1234	1234	1234	1234	1234
Sample ID	1234-TP-527-S-1	1234-TP-527-S-2	18-VS-195	18-VS-196	18-VS-197	18-VS-198
Date Sampled	5/18/92	5/18/92	9/20/99	9/20/99	9/20/99	9/20/99
Depth	0 to 1	3 to 6	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)						
Lead						
Total Metals (mg/kg dry)						
Arsenic			45	50	17	35
Cadmium						
Chromium						
Copper						
Lead	30	5 U	450	40	150	280
Mercury						
Nickel						
Zinc						

Table B.7-1
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Metals Results

Area	1234	1234	1234	1234	1234	1234
Sample ID	18-VS-199	18-VS-200	18-VS-201	18-VS-202	18-VS-203	18-VS-204
Date Sampled	9/20/99	9/20/99	9/20/99	9/20/99	9/21/99	9/21/99
Depth	1 to 2.5	1 to 2.5	1 to 2.5	1 to 2.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)						
Lead						
Total Metals (mg/kg dry)						
Arsenic	23	32	110	24	13	1.9
Cadmium						
Chromium						
Copper						
Lead	380	200	500	580	760	310
Mercury						
Nickel						
Zinc						

Area	1234	1234	1234	1234	1234	1234
Sample ID	18-VS-205	18-VS-206	18-VS-207	18-VS-208	18-VS-209	18-VS-210
Date Sampled	9/21/99	9/21/99	9/21/99	9/21/99	9/21/99	9/21/99
Depth	0 to 0.5	1 to 2.5	1 to 2.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)						
Lead						
Total Metals (mg/kg dry)						
Arsenic	10	8.8	12	24	26	12
Cadmium						
Chromium						
Copper						
Lead	300	560	1600	800	410	2700
Mercury						
Nickel						
Zinc						

Area	1234	1234	1234	1234	1234
Sample ID	18-VS-211	18-VS-212	18-VS-213	18-VS-214	18-VS-215
Date Sampled	9/21/99	9/21/99	9/21/99	9/21/99	9/21/99
Depth	0 to 0.5	1 to 2.5	1 to 2.5	1 to 2.5	1 to 2.5
TCLP Metals (mg/L)					
Lead					
Total Metals (mg/kg dry)					
Arsenic	12	2 U	5.8	2.2	2 U
Cadmium					
Chromium					
Copper					
Lead	15	16	61	62	42
Mercury					
Nickel					
Zinc					

Table B.7-2
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Explosives Results

Area	18	18	18	18	18	18	18	18
Sample ID	02-C-SS-[18-TR-18N,S-1]-C2-010	18-B-501-S-1	18-B-501-S-2	18-B-501-S-3	18-B-501-S-4	18-HA-501-S-1-DAVG	18-HA-501-S-2	18-HA-502-S-1
Date Sampled	8/15/01	11/5/92	11/5/92	11/5/92	11/5/92	5/[illegible]/92	5/21/92	5/21/92
Depth	3 to 3.5	7.5 to 9	10 to 11.5	15 to 16.5	20 to 21.5	0 to 1	2 to 3	0 to 1
Explosive (mg/kg dry)								
1,3-Dinitrobenzene		0.043 U	0.043 U	0.042 U	0.042 UJ	0.26 U	0.23 U	0.091 U
2,4-Dinitrotoluene	0.023 J	0.009	0.005 J	0.0063 U	0.008 J	0.04 U	0.035 U	0.014 U
2,6-Dinitrotoluene	0.045 U	0.0064 U	0.0064 U	0.0063 U	0.0058 J	0.04 U	0.035 U	0.014 U
DNT - Total	*0.0455*	*0.0122*	*0.0082*	*0.0126 U*	*0.0138*	*0.08 U*	*0.07 U*	*0.028 U*
Monomethylamine Nitrate								
Nitrobenzene		0.063 U	0.064 U	0.063 U	0.062 UJ	0.39 U	0.34 U	0.14 U
Nitroglycerine						0.26 U	0.23 U	0.23 U
1,3,5-Trinitrobenzene		0.032 U	0.032 U	0.032 U	0.031 UJ	0.2 U	0.17 U	0.069 U
2,4,6-Trinitrotoluene	0.045 U	0.0032 U	0.0032 U	0.0032 U	0.0031 UJ	0.02 U	0.017 U	0.0069 U

Area	18	18	18	18	18	18	18	18
Sample ID	18-HA-502-S-2	18-HA-503-S-1	18-HA-503-S-2	18-SS-590	18-SS-614	18-SS-624	18-SS-625	18-SS-627
Date Sampled	5/21/92	5/21/92	5/21/92	5/6/92	10/27/92	10/27/92	10/27/92	10/27/92
Depth	2 to 3	0 to 1	2 to 3	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Explosive (mg/kg dry)								
1,3-Dinitrobenzene	0.046 U	0.54 U	0.26 U	0.098 U				
2,4-Dinitrotoluene	0.0069 U	0.082 U	0.039 U	0.015 U	0.06 J	0.1 U	0.1 U	0.1 U
2,6-Dinitrotoluene	0.0069 U	0.082 U	0.039 U	0.015 U	0.13	0.05 U	0.05 U	0.05 U
DNT - Total	*0.0138 U*	*0.164 U*	*0.078 U*	*0.03 U*	*0.19*	*0.15 U*	*0.15 U*	*0.15 U*
Monomethylamine Nitrate								
Nitrobenzene	0.068 U	0.81 U	0.39 U	0.15 U				
Nitroglycerine	0.23 U	0.27 UJ	0.26 UJ					
1,3,5-Trinitrobenzene	0.034 U	0.41 U	0.19 U	0.074 U				
2,4,6-Trinitrotoluene	0.0034 U	0.041 U	0.019 U	0.0074 U				

Area	18	18	18	18 North	18	18	18	18
Sample ID	18-SS-628	18-SS-629	18-SS-630	18-SS-636	18-SS-639	18-SS-640	18-SS-644	18-SS-645
Date Sampled	10/27/92	10/27/92	10/27/92	10/27/92	10/27/92	10/27/92	10/27/92	10/27/92
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Explosive (mg/kg dry)								
1,3-Dinitrobenzene							0.049 U	
2,4-Dinitrotoluene	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.051	0.1 U
2,6-Dinitrotoluene	0.05 U	0.05 UJ	0.05 U	0.05 U	0.05 UJ	0.05 U	0.0073 U	0.05 U
DNT - Total	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.05465*	*0.15 U*
Monomethylamine Nitrate								
Nitrobenzene							0.072 U	
Nitroglycerine								
1,3,5-Trinitrobenzene							0.037 U	
2,4,6-Trinitrotoluene							0.086	

Table B.7-2
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Explosives Results

Area	18	18	18	18	18	18	18	18
Sample ID	18-SS-646	18-SS-647	18-SS-648	18-SS-649	18-SS-650	18-SS-652	18-SS-653	18-SS-654
Date Sampled	10/27/92	10/27/92	10/27/92	10/27/92	10/27/92	10/27/92	10/27/92	10/27/92
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Explosive (mg/kg dry)								
1,3-Dinitrobenzene					0.049 U	0.26 U		
2,4-Dinitrotoluene	0.1 U	0.1 U	0.1 U	0.1 UJ	0.038	0.51	0.1 U	0.1 U
2,6-Dinitrotoluene	0.05 U	0.05 U	0.05 U	0.05 UJ	0.0073 U	0.084 J	0.05 U	0.05 U
DNT - Total	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.04165*	*0.594*	*0.15 U*	*0.15 U*
Monomethylamine Nitrate								
Nitrobenzene					0.073 U	0.39 U		
Nitroglycerine								
1,3,5-Trinitrobenzene					0.037 U	0.2 U		
2,4,6-Trinitrotoluene					0.005	0.64 J		

Area	18	18	18	18	18	18	18	18
Sample ID	18-SS-656	18-SS-657	18-SS-658	18-SS-659	18-SS-660	18-SS-661	18-SS-662	18-SS-663-DAVG
Date Sampled	10/28/92	10/28/92	10/28/92	10/28/92	10/28/92	10/28/92	10/28/92	10/28/92
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Explosive (mg/kg dry)								
1,3-Dinitrobenzene	0.05 U							
2,4-Dinitrotoluene	0.066	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
2,6-Dinitrotoluene	0.0072 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
DNT - Total	*0.0696*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*
Monomethylamine Nitrate								
Nitrobenzene	0.07 U							
Nitroglycerine								
1,3,5-Trinitrobenzene	0.04 U							
2,4,6-Trinitrotoluene	0.033							

Area	18 North	18 North	18 North	18	18	18	18	18
Sample ID	18-SS-664-DAVG	18-SS-665	18-SS-666	18-SS-667	18-SS-668	18-SS-715	18-SS-716	18-SS-725
Date Sampled	11/2/92	11/2/92	11/2/92	11/2/92	11/2/92	11/5/92	11/5/92	11/30/92
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Explosive (mg/kg dry)								
1,3-Dinitrobenzene	0.093 U	0.57 U	0.1 U	0.1 U	0.47 U	0.27 UJ	0.1 U	
2,4-Dinitrotoluene	0.014 U	0.086 U	0.015 U	0.015	0.07 U	0.046 J	0.26	0.05 U
2,6-Dinitrotoluene	0.014 U	0.086 U	0.015 U	0.015 U	0.07 U	0.023 J	0.011 J	0.1 U
DNT - Total	*0.028 U*	*0.172 U*	*0.03 U*	*0.0225*	*0.14 U*	*0.069*	*0.271*	*0.15 U*
Monomethylamine Nitrate	5.8 U	7.1 U						
Nitrobenzene	0.14 U	0.85 U	0.15 U	0.15 U	0.69 U	0.4 UJ	0.15 U	
Nitroglycerine	0.23 U	0.29 UJ	0.25 U	0.25 U	0.23 U			
1,3,5-Trinitrobenzene	0.07 U	0.43 U	0.075 U	0.074 U	0.35 U	0.2 UJ	0.077 U	
2,4,6-Trinitrotoluene	0.007 U	0.043 U	0.0075 U	0.0074 U	0.035 U	0.023 J	0.0085	

Table B.7-2
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Explosives Results

Area	18	18	18	18	18	18	18	18
Sample ID	18-SS-726	18-SS-727	18-SS-729	18-SS-GS-05	18-SS-GS-06	18-SS-GS-11	18-SS-GS-12	18-SS-GS-13
Date Sampled	11/30/92	11/30/92	11/5/92					
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Explosive (mg/kg dry)								
1,3-Dinitrobenzene								
2,4-Dinitrotoluene	0.05 U	0.05 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2,6-Dinitrotoluene	0.1 U	0.1 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
DNT - Total	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*
Monomethylamine Nitrate								
Nitrobenzene								
Nitroglycerine								
1,3,5-Trinitrobenzene								
2,4,6-Trinitrotoluene								

Area	18	18	18	18	18	18	18	18
Sample ID	18-SS-GS-14	18-SS-GS-18	18-SS-GS-20	18-SS-GS-21	18-SS-GS-26	18-SS-GS-29	18-SS-GS-30	18-SS-GS-31
Date Sampled								7/6/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Explosive (mg/kg dry)								
1,3-Dinitrobenzene								0.089 U
2,4-Dinitrotoluene	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.013 U
2,6-Dinitrotoluene	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.013 U
DNT - Total	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.026 U*
Monomethylamine Nitrate								
Nitrobenzene								0.13 U
Nitroglycerine								
1,3,5-Trinitrobenzene								0.067 U
2,4,6-Trinitrotoluene								0.0067 U

Area	18	18	18	18	18	18	18	18
Sample ID	18-SS-GS-34	18-SS-GS-35	18-SS-GS-36	18-SS-GS-37	18-SS-GS-39	18-SS-GS-44	18-SS-GS-45	18-SS-GS-46
Date Sampled								
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Explosive (mg/kg dry)								
1,3-Dinitrobenzene								
2,4-Dinitrotoluene	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2,6-Dinitrotoluene	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
DNT - Total	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*
Monomethylamine Nitrate								
Nitrobenzene								
Nitroglycerine								
1,3,5-Trinitrobenzene								
2,4,6-Trinitrotoluene								

Table B.7-2
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Explosives Results

Area	18	18	18	18	18	18	18	18
Sample ID	18-SS-GS-48	18-SS-GS-50	18-SS-GS-51	18-SS-GS-52	18-SS-GS-55	18-SS-GS-56	18-SS-GS-57	18-SS-GS-58
Date Sampled								
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Explosive (mg/kg dry)								
1,3-Dinitrobenzene								
2,4-Dinitrotoluene	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2,6-Dinitrotoluene	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
DNT - Total	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*
Monomethylamine Nitrate								
Nitrobenzene								
Nitroglycerine								
1,3,5-Trinitrobenzene								
2,4,6-Trinitrotoluene								

Area	18	18	18	18	18	18	18	18
Sample ID	18-SS-GS-60	18-SS-GS-61	18-SS-GS-63	18-SS-GS-64	18-SS-GS-65	18-SS-GS-66	18-SS-GS-67	18-SS-GS-68
Date Sampled							7/7/93	
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Explosive (mg/kg dry)								
1,3-Dinitrobenzene							0.26 U	
2,4-Dinitrotoluene	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.038 U	0.1 U
2,6-Dinitrotoluene	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.038 U	0.05 U
DNT - Total	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.076 U*	*0.15 U*
Monomethylamine Nitrate								
Nitrobenzene							0.38 U	
Nitroglycerine								
1,3,5-Trinitrobenzene							0.19 U	
2,4,6-Trinitrotoluene							0.019 U	

Area	18	18	18	18	18	18	18	18
Sample ID	18-SS-GS-69	18-SS-GS-71	18-SS-GS-73	18-SS-GS-74	18-SS-GS-75	18-SS-GS-76	18-SS-GS-77	18-SS-GS-78
Date Sampled								
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Explosive (mg/kg dry)								
1,3-Dinitrobenzene								
2,4-Dinitrotoluene	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2,6-Dinitrotoluene	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
DNT - Total	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*
Monomethylamine Nitrate								
Nitrobenzene								
Nitroglycerine								
1,3,5-Trinitrobenzene								
2,4,6-Trinitrotoluene								

Table B.7-2
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Explosives Results

Area	18	18	18	18	18 North	18 North	18 North	18 North
Sample ID	18-SS-GS-79	18-SS-GS-80	18-TP-21,S-1	18-TP-41-S-1	18-TP-501-S-1-DAVG	18-TP-501-S-2-DAVG	18-TP-501-S-3	18-TP-502-S-1
Date Sampled			4/16/87	7/6/93	5/11/92	5/11/92	5/11/92	5/1/92
Depth	0 to 0.5	0 to 0.5	0 to 4	0 to 1	0 to 1	3 to 6	8 to 10	0 to 1
Explosive (mg/kg dry)								
1,3-Dinitrobenzene				0.095 U	0.083 U	0.043 U	0.043 U	0.5 UJ
2,4-Dinitrotoluene	0.1 U	0.1 U	0.09 U	0.014 U	0.076	0.0064 U	0.023	0.65 J
2,6-Dinitrotoluene	0.05 U	0.05 U	0.09 U	0.014 U	0.043	0.0064 U	0.024	0.49 J
DNT - Total	*0.15 U*	*0.15 U*	*0.18 U*	*0.028 U*	*0.119*	*0.0128 U*	*0.047*	*1.14*
Monomethylamine Nitrate								
Nitrobenzene				0.14 U	0.12 U	0.063 U	0.065 U	0.74 UJ
Nitroglycerine			0.22 U		0.21 U	0.21 U	0.22 U	8.5 UF
1,3,5-Trinitrobenzene				0.071 U	0.062 U	0.032 U	0.033 U	0.37 UJ
2,4,6-Trinitrotoluene				0.0071 U	0.0062 U	0.0032 U	0.0033 U	0.037 UJ

Area	18 North	18 North	18 North	18 North	18 North	18 North	18 North	18 North
Sample ID	18-TP-502-S-2	18-TP-502-S-3	18-TP-503-S-1	18-TP-503-S-2	18-TP-503-S-3	18-TP-504-S-1	18-TP-504-S-2	18-TP-504-S-3
Date Sampled	5/1/92	5/1/92	5/1/92	5/1/92	5/1/92	5/11/92	5/11/92	5/11/92
Depth	3 to 6	8 to 10	0 to 1	3 to 6	8 to 10	0 to 1	3 to 6	8 to 10
Explosive (mg/kg dry)								
1,3-Dinitrobenzene	0.043 UJ	0.042 UJ	0.5 UJ	0.042 UJ	0.045 UJ	0.43 U	0.086 U	0.042 U
2,4-Dinitrotoluene	0.0065 UJ	0.0063 UJ	0.12 J	0.0063 UJ	0.0067 UJ	0.064 U	0.033	0.0064 U
2,6-Dinitrotoluene	0.0065 UJ	0.0063 UJ	0.16 J	0.0063 UJ	0.0067 UJ	0.064 U	0.034	0.0064 U
DNT - Total	*0.013 U*	*0.0126 U*	*0.28*	*0.0126 U*	*0.0134 U*	*0.128 U*	*0.067*	*0.0128 U*
Monomethylamine Nitrate								
Nitrobenzene	0.064 UJ	0.063 UJ	0.74 UJ	0.063 UJ	0.066 UJ	0.64 U	0.13 U	0.063 U
Nitroglycerine	0.21 U	0.21 U	0.25 U	0.21 U	0.22 U	0.21 U	0.21 U	0.21 U
1,3,5-Trinitrobenzene	0.032 UJ	0.032 UJ	0.37 UJ	0.032 UJ	0.033 UJ	0.32 U	0.065 U	0.032 U
2,4,6-Trinitrotoluene	0.0032 UJ	0.0032 UJ	0.037 UJ	0.0032 UJ	0.0033 UJ	0.032 U	0.006 U	0.0032 U

Area	18 North	18 North	18 North	18 North	18 North	18 North	18	18
Sample ID	18-TP-505-S-1	18-TP-505-S-2	18-TP-505-S-3	18-TP-506-S-1	18-TP-507-S-2	18-TP-508-S-1	18-TP-509-S-2	18-TP-510-S-2-DAVG
Date Sampled	5/11/92	5/11/92	5/11/92	5/12/92	5/12/92	5/12/92	5/12/92	5/14/92
Depth	0 to 1	3 to 6	8 to 10	0 to 1	3 to 6	0 to 1	3 to 6	3 to 6
Explosive (mg/kg dry)								
1,3-Dinitrobenzene	0.92 U	0.043 U	0.042 U	0.24 U	0.044 U	0.25 U	0.042 U	0.042 U
2,4-Dinitrotoluene	0.25	0.0064 U	0.0063 U	0.09	0.0066 U	0.089	0.0064 U	0.013 J
2,6-Dinitrotoluene	0.26	0.0064 U	0.0063 U	0.087	0.0066 U	0.086	0.0064 U	0.0062 U
DNT - Total	*0.51*	*0.0128 U*	*0.0126 U*	*0.177*	*0.0132 U*	*0.175*	*0.0128 U*	*0.0161*
Monomethylamine Nitrate								
Nitrobenzene	1.4 U	0.064 U	0.063 U	0.36 U	0.065 U	0.37 U	0.063 U	0.062 U
Nitroglycerine	0.23 U	0.21 U	0.21 U					
1,3,5-Trinitrobenzene	0.69 U	0.032 U	0.032 U	0.18 U	0.033 U	0.19 U	0.032 U	0.031 U
2,4,6-Trinitrotoluene	0.069 U	0.0032 U	0.0032 U	0.018 U	0.0033 U	0.019 U	0.0032 U	0.0031 U

Table B.7-2
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Explosives Results

Area	18	18	18	18	18	18	18	18
Sample ID	18-TP-510-S-3	18-TP-512-S-2	18-TP-512-S-3	18-TP-513-S-2	18-TP-513-S-3	18-TP-514-S-1-DAVG	18-TP-514-S-2	18-TP-514-S-3
Date Sampled	5/14/92	5/14/92	5/14/92	5/14/92	5/14/92	5/11/92	5/11/92	5/11/92
Depth	8 to 10	3 to 6	8 to 10	3 to 6	8 to 10	0 to 1	3 to 6	8 to 10
Explosive (mg/kg dry)								
1,3-Dinitrobenzene	0.043 U	0.22 U	0.043 U	0.086 U	2.2 U	0.87 U	0.043 U	0.042 U
2,4-Dinitrotoluene	0.0064 U	0.21 J	0.048 J	0.013 U	0.32 U	0.56	0.0065 U	0.0063 U
2,6-Dinitrotoluene	0.0064 U	0.028 J	0.013 J	0.013 U	0.32 U	0.52	0.0065 U	0.0063 U
DNT - Total	*0.0128 U*	*0.238*	*0.061*	*0.026 U*	*0.64 U*	*1.08*	*0.013 U*	*0.0126 U*
Monomethylamine Nitrate								
Nitrobenzene	0.064 U	0.32 U	0.064 U	0.13 U	3.2 U	1.3 U	0.065 U	0.062 U
Nitroglycerine						0.22 U	0.22 U	0.21 U
1,3,5-Trinitrobenzene	0.032 U	0.16 U	0.032 U	0.065 U	1.6 U	0.65 U	0.033 U	0.031 U
2,4,6-Trinitrotoluene	0.0032 U	0.42 J	0.025 J	0.0065 U	0.16 U	0.15	0.0033 U	0.0031 U

Area	18	18	18	18	18	18	18	18
Sample ID	18-TP-515-S-2	18-TP-516-S-1	18-TP-517-S-2	18-TP-518-S-1	18-TP-519-S-2-DAVG	18-TP-519-S-3	18-TP-520-S-2-DAVG	18-TP-521-S-3
Date Sampled	5/14/92	5/14/92	5/14/92	5/14/92	5/11/92	5/11/92	4/27/92	5/12/92
Depth	3 to 6	0 to 1	3 to 6	0 to 1	3 to 6	8 to 10	3 to 6	8 to 10
Explosive (mg/kg dry)								
1,3-Dinitrobenzene	4.4 U	0.52 U	0.05 U	0.25 U	0.043 U	0.43 UJ	0.042 U	0.042 U
2,4-Dinitrotoluene	1 J	0.078 U	0.0074 U	0.037 U	0.0065 U	0.15 J	0.0063 U	0.0064 U
2,6-Dinitrotoluene	0.66 U	0.078 U	0.0074 U	0.037 U	0.0065 U	0.14 J	0.0063 U	0.0064 U
DNT - Total	*1.33*	*0.156 U*	*0.0148 U*	*0.074 U*	*0.013 U*	*0.29*	*0.0126 U*	*0.0128 U*
Monomethylamine Nitrate					5.4 U			
Nitrobenzene	6.6 U	0.78 U	0.074 U	0.37 U	0.064 U	0.64 UJ	0.062 U	0.063 U
Nitroglycerine					0.21 U	0.21 U		0.21 U
1,3,5-Trinitrobenzene	3.3 U	0.39 U	0.037 U	0.18 U	0.032 U	0.32 UJ	0.031 U	0.032 U
2,4,6-Trinitrotoluene	0.33 U	0.039 U	0.0037 U	0.018 U	0.0032 U	0.032 UJ	0.0031 U	0.0032 U

Area	18	18	18	18	18	18	18	18
Sample ID	18-TP-523-S-2	18-TP-524-S-1	18-TP-525-S-2	18-TP-525-S-3	18-TP-526-S-1	18-TP-526-S-2	18-TP-526-S-3	18-TP-527-S-2-DAVG
Date Sampled	5/13/92	5/12/92	5/12/92	5/12/92	4/30/92	4/30/92	4/30/92	5/13/92
Depth	3 to 6	0 to 1	3 to 6	8 to 10	0 to 1	3 to 6	8 to 10	3 to 6
Explosive (mg/kg dry)								
1,3-Dinitrobenzene	0.096 U	0.46 U	0.88 U	0.043 U	0.49 U	0.044 U	0.043 U	0.043 U
2,4-Dinitrotoluene	0.014 U	0.14	0.53	0.009	0.46	0.02	0.027	0.0064 U
2,6-Dinitrotoluene	0.014 U	0.15	0.35	0.0081	0.13	0.0049	0.032	0.0064 U
DNT - Total	*0.028 U*	*0.29*	*0.88*	*0.0171*	*0.59*	*0.0249*	*0.059*	*0.0128 U*
Monomethylamine Nitrate						5.5 U		
Nitrobenzene	0.14 U	0.68 U	1.3 U	0.065 U	0.72 U	0.065 U	0.064 U	0.064 U
Nitroglycerine					0.24 U	0.22 U	0.22 U	
1,3,5-Trinitrobenzene	0.072 U	0.34 U	0.66 U	0.033 U	0.36 U	0.033 U	0.032 U	0.032 U
2,4,6-Trinitrotoluene	0.0072 U	0.034 U	0.066 U	0.025	0.036 U	0.0033 U	0.011	0.0032 U

Table B.7-2
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Explosives Results

Area	18	18	18	18	18	18	18 North	18
Sample ID	18-TP-528-S-1	18-TP-529-S-2	18-TP-530-S-1	18-TP-531-S-1-DAVG	18-TP-532-S-1	18-TP-533-S-1-DAVG	18-TP-535-S-1-DAVG	18-TP-53-S-1
Date Sampled	5/13/92	5/13/92	5/13/92	5/15/92	4/29/92	4/28/92	4/27/92	7/6/93
Depth	0 to 1	3 to 6	0 to 1	0 to 1	0 to 1	0 to 1	0 to 1	0 to 1
Explosive (mg/kg dry)								
1,3-Dinitrobenzene	0.47 U	0.043 U	0.1 U	0.097 U	0.24 U	0.048 U	0.043 U	0.087 U
2,4-Dinitrotoluene	0.071 U	0.0065 U	0.015 U	0.015 U	0.036 U	0.0072 U	0.0065 U	0.013 U
2,6-Dinitrotoluene	0.071 U	0.0065 U	0.015 U	0.015 U	0.036 U	0.0072 U	0.0065 U	0.013 U
DNT - Total	*0.142 U*	*0.013 U*	*0.03 U*	*0.03 U*	*0.072 U*	*0.0144 U*	*0.013 U*	*0.026 U*
Monomethylamine Nitrate				6.1 U		6 U		
Nitrobenzene	0.7 U	0.065 U	0.15 U	0.14 U	0.36 U	0.071 U	0.064 U	0.13 UJ
Nitroglycerine				0.24 U	0.24 U	0.24 U		
1,3,5-Trinitrobenzene	0.35 U	0.033 U	0.077 U	0.073 U	0.18 U	0.036 U	0.032 U	0.065 U
2,4,6-Trinitrotoluene	0.035 U	0.0033 U	0.0077 U	0.0073 U	0.018 U	0.0036 U	0.0032 U	0.0065 U

Area	18	18	18	18	18	18	18 North	18 North
Sample ID	18-TP-541-S-2	18-TP-542-S-2-DAVG	18-TP-543-S-2	18-TP-544-S-2	18-TP-545-S-1	18-TP-546-S-2	18-TP-547-S-1-DAVG	18-TP-547-S-2-DAVG
Date Sampled	4/24/92	4/28/92	4/28/92	5/15/92	4/29/92	4/28/92	5/1/92	5/1/92
Depth	3 to 6	3 to 6	3 to 6	3 to 6	0 to 1	3 to 6	0 to 1	3 to 6
Explosive (mg/kg dry)								
1,3-Dinitrobenzene	0.042 U	0.042 U	0.043 U	0.23 U	0.045 U	0.043 U	0.46 UJ	0.043 UJ
2,4-Dinitrotoluene	0.0064 U	0.0062 U	0.0064 U	0.035 U	0.0067 U	0.0064 U	0.077 J	0.0064 UJ
2,6-Dinitrotoluene	0.0064 U	0.0062 U	0.0064 U	0.035 U	0.0067 U	0.0064 U	0.1 J	0.0064 UJ
DNT - Total	*0.0128 U*	*0.0124 U*	*0.0128 U*	*0.07 U*	*0.0134 U*	*0.0128 U*	*0.177*	*0.0128 U*
Monomethylamine Nitrate		5.2 U	5.4 U					
Nitrobenzene	0.063 U	0.062 U	0.064 U	0.34 U	0.066 U	0.064 U	0.69 UJ	0.063 UJ
Nitroglycerine		0.21 U	0.21 U	0.23 U	0.22 U	0.21 U	0.23 U	0.21 U
1,3,5-Trinitrobenzene	0.032 U	0.031 U	0.032 U	0.17 U	0.033 U	0.032 U	0.35 UJ	0.032 UJ
2,4,6-Trinitrotoluene	0.0032 U	0.0031 U	0.0032 U	0.017 U	0.0033 U	0.0032 U	0.035 UJ	0.0032 UJ

Area	18 North	18	18	18	18	18	18	18
Sample ID	18-TP-547-S-3	18-TP-548-S-1	18-TP-548-S-2	18-TP-548-S-3	18-TP-549-S-1	18-TP-549-S-2	18-TP-549-S-3	18-TP-550-S-1
Date Sampled	5/1/92	5/14/92	5/14/92	5/14/92	5/1/92	5/1/92	5/1/92	5/15/92
Depth	8 to 10	0 to 1	3 to 6	8 to 10	0 to 1	3 to 6	8 to 10	0 to 1
Explosive (mg/kg dry)								
1,3-Dinitrobenzene	0.042 UJ	0.25 U	0.046 U	0.044 U	0.89 UJ	0.042 UJ	0.042 UJ	0.22 U
2,4-Dinitrotoluene	0.0063 UJ	0.037 U	0.0069 U	0.0066 U	0.026 J	0.0063 UJ	0.0064 UJ	0.032 U
2,6-Dinitrotoluene	0.0063 UJ	0.037 U	0.0069 U	0.0066 U	0.13 UJ	0.0063 UJ	0.0064 UJ	0.032 U
DNT - Total	*0.0126 U*	*0.074 U*	*0.0138 U*	*0.0132 U*	*0.091*	*0.0126 U*	*0.0128 U*	*0.064 U*
Monomethylamine Nitrate								
Nitrobenzene	0.063 UJ	0.37 U	0.068 U	0.066 U	1.3 UJ	0.063 UJ	0.063 UJ	0.32 U
Nitroglycerine	0.21 U				0.24	0.21 U	0.21 U	0.22 U
1,3,5-Trinitrobenzene	0.032 UJ	0.19 U	0.035 U	0.033 U	0.67 UJ	0.032 UJ	0.032 UJ	0.16 U
2,4,6-Trinitrotoluene	0.0032 UJ	0.019 U	0.0035 U	0.0033 U	0.4 J	0.0032 UJ	0.0032 UJ	0.016 U

Table B.7-2
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Explosives Results

Area	18	18	18	18	18	18	18	18
Sample ID	18-TP-551-S-2	18-TP-552-S-1	18-TP-553-S-2	18-TP-554-S-1	18-TP-555-S-2-DAVG	18-TP-556-S-1	18-TP-557-S-2	18-TP-558-S-3
Date Sampled	5/15/92	4/29/92	4/29/92	4/29/92	4/30/92	5/13/92	4/30/92	4/30/92
Depth	3 to 6	0 to 1	3 to 6	0 to 1	3 to 6	0 to 1	3 to 6	3 to 6
Explosive (mg/kg dry)								
1,3-Dinitrobenzene	0.046 U	0.11 U	0.25 U	0.099 U	0.45 U	0.043 U	0.42 U	0.043 U
2,4-Dinitrotoluene	0.0068 U	0.017 U	0.037 U	0.22	0.068 U	0.0064 U	0.064 U	0.011
2,6-Dinitrotoluene	0.0068 U	0.017 U	0.037 U	0.092	0.068 U	0.0064 U	0.064 U	0.0064 U
DNT - Total	*0.0136 U*	*0.034 U*	*0.074 U*	*0.312*	*0.136 U*	*0.0128 U*	*0.128 U*	*0.0142*
Monomethylamine Nitrate					5.8 U	5.3 U	5.3 U	
Nitrobenzene	0.068 U	0.17 U	0.37 U	0.15 U	0.67 U	0.063 U	0.63 U	0.063 U
Nitroglycerine	0.23 U	0.29 U	0.24 U	0.25 U	0.23 U	0.21 U	0.21 U	0.21 U
1,3,5-Trinitrobenzene	0.034 U	0.086 U	0.18 U	0.074 U	0.34 U	0.032 U	0.32 U	0.032 U
2,4,6-Trinitrotoluene	0.0034 U	0.0086 U	0.018 U	0.022	0.034 U	0.0032 U	0.032 U	0.0032 U

Area	18 North	18 North	18 North	18	18	18	18	18
Sample ID	18-TP-559-S-1-DAVG	18-TP-559-S-2-DAVG	18-TP-559-S-3	18-TP-600-S-1	18-TP-600-S-2	18-TP-601-S-2	18-TP-601-S-3	18-TP-602-S-2
Date Sampled	5/1/92	5/1/92	5/1/92	11/5/92	11/5/92	11/5/92	11/5/92	11/5/92
Depth	0 to 1	3 to 6	8 to 10	3 to 6	8 to 10	3 to 6	8 to 10	5 to 6
Explosive (mg/kg dry)								
1,3-Dinitrobenzene	0.91 UJ	0.044 UJ	0.044 UJ	0.044 U	0.043 U	0.042 U	0.044 U	0.043 U
2,4-Dinitrotoluene	0.14 UJ	0.0065 UJ	0.0066 UJ	0.092	0.09	0.0062 J	0.0064 J	0.009
2,6-Dinitrotoluene	0.14 UJ	0.0065 UJ	0.0066 UJ	0.035	0.006 J	0.0064 U	0.0066 U	0.0065 U
DNT - Total	*0.28 U*	*0.013 U*	*0.0132 U*	*0.127*	*0.096*	*0.0094*	*0.0097*	*0.01225*
Monomethylamine Nitrate								
Nitrobenzene	1.4 UJ	0.065 UJ	0.065 UJ	0.066 U	0.065 U	0.063 U	0.065 U	0.064 U
Nitroglycerine	0.23 U	0.22 U	0.22 U					
1,3,5-Trinitrobenzene	0.68 UJ	0.033 UJ	0.033 UJ	0.033 U	0.033 U	0.032 U	0.033 U	0.032 U
2,4,6-Trinitrotoluene	0.068 UJ	0.0033 UJ	0.0033 UJ	2.4	0.79	0.0032 U	0.0033 U	0.0032 U

Area	18	18	18	18	18	18	18	18
Sample ID	18-TP-602-S-3	18-TP-603-S-2-DAVG	18-TP-603-S-3	18-TP-604-S-1	18-TP-604-S-2	18-TP-DEP,S-1	18-TP-DEP,S-2	18-TP-GS-16-S-2
Date Sampled	11/5/92	11/5/92	11/5/92	11/5/92	11/5/92			
Depth	8 to 10	3 to 6	8 to 10	3 to 6	8 to 10	0 to 1	3 to 4	3 to 4
Explosive (mg/kg dry)								
1,3-Dinitrobenzene	0.043 U	0.044 U	0.044 U	0.044 U	0.043 U			
2,4-Dinitrotoluene	0.0084	0.036	0.014	0.0076	0.01	0.1 U	0.1 U	0.1 U
2,6-Dinitrotoluene	0.0064 U	0.0065 U	0.0066 U	0.0067 U	0.0065 U	0.05 U	0.05 U	0.05 U
DNT - Total	*0.0116*	*0.03925*	*0.0173*	*0.01095*	*0.01325*	*0.15 U*	*0.15 U*	*0.15 U*
Monomethylamine Nitrate								
Nitrobenzene	0.064 U	0.065 U	0.065 U	0.066 U	0.064 U			
Nitroglycerine								
1,3,5-Trinitrobenzene	0.032 U	0.033 U	0.033 U	0.033 U	0.032 U			
2,4,6-Trinitrotoluene	0.0032 U	0.066 J	0.0044	0.0054	0.031			

Table B.7-2
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Explosives Results

Area	18	18	[illegible]	18	18	18	18	18
Sample ID	[illegible]S-17-S-1	18-TP-GS-17-S-2	[illegible]-S-2	18-TP-GS-23-S-1	18-TP-GS-23-S-2	18-TP-GS-24-S-2	18-TP-GS-25-S-1	18-TP-GS-25-S-2
[illegible]te Sampled								
Depth	[illegible] to 1	3 to 4	3 to 4	0 to 1	3 to 4	3 to 4	0 to 1	3 to 4
[illegible]g/kg dry)								
1,3-Dinitrobenzene								
2,4-Dinitrotoluene	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2,6-Dinitrotoluene	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
DNT - Total	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*
Monomethylamine Nitrate								
Nitrobenzene								
Nitroglycerine								
1,3,5-Trinitrobenzene								
2,4,6-Trinitrotoluene								

Area	18	18	18	18	18	18	18	18
Sample ID	18-TP-GS-27-S-1	18-TP-GS-27-S-2	18-TP-GS-28-S-1	18-TP-GS-28-S-2	18-TP-GS-32-S-1	18-TP-GS-32-S-2	18-TP-GS-33-S-1	18-TP-GS-33-S-2
Date Sampled	7/6/93							
Depth	0 to 1	3 to 4	0 to 1	3 to 4	0 to 1	3 to 4	0 to 1	3 to 4
Explosive (mg/kg dry)								
1,3-Dinitrobenzene	0.094 U							
2,4-Dinitrotoluene	0.014 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2,6-Dinitrotoluene	0.014 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
DNT - Total	*0.028 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*
Monomethylamine Nitrate								
Nitrobenzene	0.14 U							
Nitroglycerine								
1,3,5-Trinitrobenzene	0.071 U							
2,4,6-Trinitrotoluene	0.0071 U							

Area	18	18	18	18	18	18	18	18
Sample ID	18-TP-GS-38-S-1	18-TP-GS-38-S-2	18-TP-GS-40-S-1	18-TP-GS-40-S-2	18-TP-GS-41-S-1	18-TP-GS-41-S-2	18-TP-GS-42-S-1	18-TP-GS-42-S-2
Date Sampled								
Depth	0 to 1	3 to 4	0 to 1	3 to 4	0 to 1	3 to 4	0 to 1	3 to 4
Explosive (mg/kg dry)								
1,3-Dinitrobenzene								
2,4-Dinitrotoluene	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2,6-Dinitrotoluene	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
DNT - Total	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*
Monomethylamine Nitrate								
Nitrobenzene								
Nitroglycerine								
1,3,5-Trinitrobenzene								
2,4,6-Trinitrotoluene								

Table B.7-2
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Explosives Results

Area	18	18	18	18	18	18	18	18
Sample ID	18-TP-GS-43-S-1	18-TP-GS-43-S-2	18-TP-GS-47-S-1	18-TP-GS-47-S-2	18-TP-GS-49-S-1	18-TP-GS-49-S-2	18-TP-GS-53-S-1	18-TP-GS-53-S-2
Date Sampled								
Depth	0 to 1	3 to 4	0 to 1	3 to 4	0 to 1	3 to 4	0 to 1	3 to 4
Explosive (mg/kg dry)								
1,3-Dinitrobenzene								
2,4-Dinitrotoluene	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2,6-Dinitrotoluene	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
DNT - Total	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*
Monomethylamine Nitrate								
Nitrobenzene								
Nitroglycerine								
1,3,5-Trinitrobenzene								
2,4,6-Trinitrotoluene								

Area	18	18	18	18	18	18	18	18
Sample ID	18-TP-GS-54-S-1	18-TP-GS-54-S-2	18-TP-GS-59-S-1	18-TP-GS-59-S-2	18-TP-GS-62-S-1	18-TP-GS-62-S-2	18-TP-GS-70-S-1	18-TP-GS-70-S-2
Date Sampled								
Depth	0 to 1	3 to 4	0 to 1	3 to 4	0 to 1	3 to 4	0 to 1	3 to 4
Explosive (mg/kg dry)								
1,3-Dinitrobenzene								
2,4-Dinitrotoluene	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2,6-Dinitrotoluene	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
DNT - Total	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*
Monomethylamine Nitrate								
Nitrobenzene								
Nitroglycerine								
1,3,5-Trinitrobenzene								
2,4,6-Trinitrotoluene								

Area	18	18	18	18	18	18	18	18
Sample ID	18-TP-GS-72-S-1	18-TP-GS-72-S-2	18-TP-GS-81-S-1	18-TP-GS-81-S-2	18-TR-101N,S-3	18-TR-101N,S-4	18-TR-101S,S-1	18-TR-101S,S-2
Date Sampled								
Depth	0 to 1	3 to 4	0 to 1	3 to 4	0 to 1	3 to 4	0 to 1	3 to 4
Explosive (mg/kg dry)								
1,3-Dinitrobenzene								
2,4-Dinitrotoluene	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2,6-Dinitrotoluene	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
DNT - Total	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*
Monomethylamine Nitrate								
Nitrobenzene								
Nitroglycerine								
1,3,5-Trinitrobenzene								
2,4,6-Trinitrotoluene								

Table B.7-2
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Explosives Results

Area	18	18	18	18	18	18	18	18
Sample ID	18-TR-102E,S-1	18-TR-102E,S-2	18-TR-102W,S-3	18-TR-102W,S-4	18-TR-103S,S-1	18-TR-103S,S-2	18-TR-104E,S-3	18-TR-104E,S-4
Date Sampled		6/28/93			6/28/93			
Depth	0 to 1	3 to 4	0 to 1	3 to 4	0 to 1	3 to 4	1 to 2	3 to 4
Explosive (mg/kg dry)								
1,3-Dinitrobenzene		0.09 U			0.23 U			
2,4-Dinitrotoluene	0.1 U	0.014 U	0.1 U	0.1 U	0.069	0.1 U	0.1 U	0.1 U
2,6-Dinitrotoluene	0.05 U	0.014 U	0.05 U	0.05 U	0.057	0.05 U	0.05 U	0.05 U
DNT - Total	*0.15 U*	*0.028 U*	*0.15 U*	*0.15 U*	*0.126*	*0.15 U*	*0.15 U*	*0.15 U*
Monomethylamine Nitrate								
Nitrobenzene		0.14 U			0.34 U			
Nitroglycerine								
1,3,5-Trinitrobenzene		0.069 U			0.17 U			
2,4,6-Trinitrotoluene		0.007 U			0.027			

Area	18	18	18	18	18	18	18	18
Sample ID	18-TR-104W,S-1	18-TR-104W,S-2	18-TR-105N,S-1	18-TR-105N,S-2	18-TR-105S,S-3	18-TR-105S,S-4	18-TR-106E,S-3	18-TR-106E,S-4
Date Sampled	6/29/93						6/29/93	6/29/93
Depth	0 to 1	3 to 4	0 to 1	3 to 4	0 to 1	3 to 4	0 to 1	3 to 4
Explosive (mg/kg dry)								
1,3-Dinitrobenzene	0.24 U						0.1 U	0.23 U
2,4-Dinitrotoluene	0.12	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.15	0.034 U
2,6-Dinitrotoluene	0.075	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.072	0.034 U
DNT - Total	*0.195*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.222*	*0.068 U*
Monomethylamine Nitrate								
Nitrobenzene	0.35 U						0.15 U	0.33 U
Nitroglycerine								
1,3,5-Trinitrobenzene	0.18 U						0.074 U	0.17 U
2,4,6-Trinitrotoluene	0.014						0.007 U	0.017 U

Area	18	18	18	18	18	18	18	18
Sample ID	18-TR-106W,S-1	18-TR-106W,S-2	18-TR-107N,S-1	18-TR-107N,S-2	18-TR-107S,S-3	18-TR-107S,S-4	18-TR-109E,S-3	18-TR-109E,S-4
Date Sampled								
Depth	0 to 1	3 to 4	0 to 1	3 to 4	0 to 1	3 to 4	0 to 1	3 to 4
Explosive (mg/kg dry)								
1,3-Dinitrobenzene								
2,4-Dinitrotoluene	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2,6-Dinitrotoluene	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
DNT - Total	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*
Monomethylamine Nitrate								
Nitrobenzene								
Nitroglycerine								
1,3,5-Trinitrobenzene								
2,4,6-Trinitrotoluene								

Table B.7-2
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Explosives Results

Area	18	18	18	18	18	18	18	18
Sample ID	18-TR-109W,S-1	18-TR-109W,S-2	18-TR-110N,S-1	18-TR-110N,S-2	18-TR-110S,S-3	18-TR-110S,S-4	18-TR-111E,S-1	18-TR-111E,S-2
Date Sampled								
Depth	0 to 1	3 to 4	0 to 1	3 to 4	0 to 1	3 to 4	0 to 1	3 to 4
Explosive (mg/kg dry)								
1,3-Dinitrobenzene								
2,4-Dinitrotoluene	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2,6-Dinitrotoluene	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
DNT - Total	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*
Monomethylamine Nitrate								
Nitrobenzene								
Nitroglycerine								
1,3,5-Trinitrobenzene								
2,4,6-Trinitrotoluene								

Area	18	18	18	18	18	18	18	18
Sample ID	18-TR-111W,S-3	18-TR-111W,S-4	18-TR-112N,S-3	18-TR-112N,S-4	18-TR-112S,S-1	18-TR-112S,S-2	18-TR-113N,S-3	18-TR-113N,S-4
Date Sampled								
Depth	0 to 1	3 to 4	0 to 1	3 to 4	0 to 1	3 to 4	0 to 1	3 to 4
Explosive (mg/kg dry)								
1,3-Dinitrobenzene								
2,4-Dinitrotoluene	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2,6-Dinitrotoluene	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
DNT - Total	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*
Monomethylamine Nitrate								
Nitrobenzene								
Nitroglycerine								
1,3,5-Trinitrobenzene								
2,4,6-Trinitrotoluene								

Area	18	18	18	18	18	18	18	18
Sample ID	18-TR-113S,S-1	18-TR-113S,S-2	18-TR-114-S-2	18-TR-114W,S-3	18-TR-114W,S-4	18-TR-115N,S-1	18-TR-115N,S-2	18-TR-115S,S-3
Date Sampled	7/1/93		7/1/93					
Depth	1.5 to 2.5	3 to 4	3 to 4	0 to 1	3 to 4	0 to 1	3 to 4	0 to 1
Explosive (mg/kg dry)								
1,3-Dinitrobenzene	0.46 U		4.4 UJ					
2,4-Dinitrotoluene	0.069 U	0.1 U	0.66 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2,6-Dinitrotoluene	0.008 J	0.05 U	0.66 UJ	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
DNT - Total	*0.0425*	*0.15 U*	*1.32 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*
Monomethylamine Nitrate								
Nitrobenzene	0.68 U		6.5 UJ					
Nitroglycerine								
1,3,5-Trinitrobenzene	0.35 U		3.3 UJ					
2,4,6-Trinitrotoluene	0.035 U		0.33 UJ					

Table B.7-2
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Explosives Results

Area	18	18	18	18	18	18	18	18
Sample ID	18-TR-115S,S-4	18-TR-116E,S-1	18-TR-116E,S-2	18-TR-116W,S-3	18-TR-116W,S-4	18-TR-117E,S-3	18-TR-117E,S-4	18-TR-117W,S-1
Date Sampled								
Depth	3 to 4	0 to 1	3 to 4	0 to 1	3 to 4	0 to 1	3 to 4	1 to 2
Explosive (mg/kg dry)								
1,3-Dinitrobenzene								
2,4-Dinitrotoluene	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2,6-Dinitrotoluene	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
DNT - Total	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*	*0.15 U*
Monomethylamine Nitrate								
Nitrobenzene								
Nitroglycerine								
1,3,5-Trinitrobenzene								
2,4,6-Trinitrotoluene								

Area	18	18	18	18	18	18	18	18
Sample ID	18-TR-117W,S-2	18-TR-119S,S-4	18-VS-101	18-VS-102	18-VS-103	18-VS-104	18-VS-105	18-VS-106
Date Sampled			8/26/93	8/26/93	8/26/93	8/26/93	8/26/93	8/26/93
Depth	4 to 5	3 to 4	1 to 1.5	2 to 2.5	6 to 6.5	2 to 2.5	15 to 15.5	15 to 15.5
Explosive (mg/kg dry)								
1,3-Dinitrobenzene			0.49 U	0.046 U	0.047 U	0.048 U	2.1 U	0.9 U
2,4-Dinitrotoluene	0.1 U	0.1 U	0.074	0.007 U	0.007 U	0.007 U	0.31 U	0.24
2,6-Dinitrotoluene	0.05 U	0.05 U	0.07 U	0.007 U	0.007 U	0.007 U	0.31 U	0.1 U
DNT - Total	*0.15 U*	*0.15 U*	*0.109*	*0.014 U*	*0.014 U*	*0.014 U*	*0.62 U*	*0.29*
Monomethylamine Nitrate								
Nitrobenzene			0.74 U	0.068 U	0.069 U	0.071 U	3.1 U	1.3 U
Nitroglycerine								
1,3,5-Trinitrobenzene			0.37 U	0.034 U	0.035 U	0.036 U	1.5 U	0.7 U
2,4,6-Trinitrotoluene			0.04 U	0.0034 U	0.0035 U	0.0036 U	1	3.1

Area	18	18	18	18	18	18	18	18
Sample ID	18-VS-107	18-VS-108	18-VS-109	18-VS-110	18-VS-111	18-VS-112	18-VS-113	18-VS-114
Date Sampled	8/26/93	8/26/93	8/26/93	8/26/93	8/26/93	8/26/93	8/26/93	8/26/93
Depth	1 to 2	3 to 4	4 to 6	2 to 4	0 to 0.5	1 to 3	4 to 5	0 to 1
Explosive (mg/kg dry)								
1,3-Dinitrobenzene	0.042 U	0.044 U	0.043 U	0.084 U	0.047 U	0.041 U	0.042 U	0.044 U
2,4-Dinitrotoluene	0.006 U	0.007 U	0.006 U	0.16	0.007	0.006 U	0.008	0.01
2,6-Dinitrotoluene	0.006 U	0.007 U	0.006 U	0.013 U	0.007 U	0.006 U	0.006 U	0.007 U
DNT - Total	*0.012 U*	*0.014 U*	*0.012 U*	*0.1665*	*0.0105*	*0.012 U*	*0.011*	*0.0135*
Monomethylamine Nitrate								
Nitrobenzene	0.062 U	0.065 U	0.063 U	0.13 U	0.069 U	0.061 U	0.063 U	0.066 U
Nitroglycerine								
1,3,5-Trinitrobenzene	0.031 U	0.033 U	0.032 U	0.063 U	0.035 U	0.031 U	0.032 U	0.033 U
2,4,6-Trinitrotoluene	0.0031 U	0.0033 U	0.0032 U	0.18	0.0035 U	0.0031 U	0.0032 U	0.007

Table B.7-2
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Explosives Results

Area	18	18	18	18	18	18	18	18
Sample ID	18-VS-115	18-VS-116	18-VS-117	18-VS-118	18-VS-119	18-VS-120-DAVG	18-VS-121	18-VS-122
Date Sampled	8/26/93	8/26/93	8/26/93	8/26/93	8/26/93	8/26/93	8/26/93	8/26/93
Depth	0 to 0.5	2 to 4	1 to 3	4 to 7	1 to 2	0 to 1	0 to 0.5	0 to 2
Explosive (mg/kg dry)								
1,3-Dinitrobenzene	0.25 U	0.047 U	0.828 U	0.044 U	0.046 U	0.049 U	0.049 U	0.042 U
2,4-Dinitrotoluene	0.079	0.22	0.29	0.016	0.028	0.008	0.02	0.006 U
2,6-Dinitrotoluene	0.037 U	0.036	0.124 U	0.025 U	0.007 U	0.007 U	0.007 U	0.006 U
DNT - Total	*0.0975*	*0.256*	*0.352*	*0.0285*	*0.0315*	*0.0115*	*0.0235*	*0.012 U*
Monomethylamine Nitrate								
Nitrobenzene	0.37 U	0.069 U	1.232 U	0.066 U	0.068 U	0.073 U	0.073 U	0.063 U
Nitroglycerine								
1,3,5-Trinitrobenzene	0.19 U	0.035 U	0.621 U	0.033 U	0.034 U	0.037 U	0.037 U	0.032 U
2,4,6-Trinitrotoluene	0.047	0.11	1.98	0.003	0.12	0.0037 U	0.0037 U	0.0032 U

Area	18	18	18	18	18	18	18	18
Sample ID	18-VS-123	18-VS-124	18-VS-125	18-VS-126	18-VS-127	18-VS-128	18-VS-129	18-VS-130-DAVG
Date Sampled	8/26/93	8/26/93	8/26/93	8/26/93	8/26/93	8/26/93	8/26/93	8/26/93
Depth	0 to 1	1 to 2	1 to 2	3 to 4	1 to 2	4 to 5	0 to 1	0 to 2
Explosive (mg/kg dry)								
1,3-Dinitrobenzene	0.042 U	0.042 U	0.041 U	0.042 U	0.041 U	0.044 U	0.049 U	0.044 U
2,4-Dinitrotoluene	0.006 U	0.012	0.099	0.015	0.006 U	0.007 U	0.03	0.028
2,6-Dinitrotoluene	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.007 U	0.007 U	0.007 U
DNT - Total	*0.012 U*	*0.015*	*0.102*	*0.018*	*0.012 U*	*0.014 U*	*0.0335*	*0.0315*
Monomethylamine Nitrate								
Nitrobenzene	0.062 U	0.063 U	0.062 U	0.062 U	0.062 U	0.065 U	0.073 U	0.066 U
Nitroglycerine								
1,3,5-Trinitrobenzene	0.031 U	0.032 U	0.031 U	0.031 U	0.031 U	0.033 U	0.037 U	0.033 U
2,4,6-Trinitrotoluene	0.003	0.0032 U	0.012	0.053	0.0031 U	0.0033 U	0.0037 U	0.0033 U

Area	18	18	18	18	18	18	18	18
Sample ID	18-VS-131	18-VS-132	18-VS-133	18-VS-134	18-VS-135	18-VS-136	18-VS-137	18-VS-138
Date Sampled	8/26/93	8/26/93	8/26/93	8/26/93	8/26/93	8/26/93	8/26/93	8/26/93
Depth	0 to 0.5	1 to 2	0 to 1	0 to 1	0 to 0.5	7 to 9	10 to 12	11 to 14
Explosive (mg/kg dry)								
1,3-Dinitrobenzene	0.053 U	0.046 U	0.045 U	0.044 U	0.46 U	0.042 U	0.045 U	0.042 U
2,4-Dinitrotoluene	0.033	0.007 U	0.014	0.007 U	0.068 U	0.006 U	0.075	0.006 U
2,6-Dinitrotoluene	0.018	0.007 U	0.007 U	0.007 U	0.068 U	0.006 U	0.007 U	0.006 U
DNT - Total	*0.051*	*0.014 U*	*0.0175*	*0.014 U*	*0.136 U*	*0.012 U*	*0.0785*	*0.012 U*
Monomethylamine Nitrate								
Nitrobenzene	0.078 U	0.068 U	0.067 U	0.066 U	0.68 U	0.063 U	0.067 U	0.062 U
Nitroglycerine								
1,3,5-Trinitrobenzene	0.039 U	0.034 U	0.034 U	0.033 U	0.34 U	0.032 U	0.034 U	0.031 U
2,4,6-Trinitrotoluene	0.0039 U	0.0034 U	0.0034 U	0.0033 U	0.034 U	0.0032 U	0.006	0.0031 U

Table B.7-2
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Explosives Results

Area	18	18	18	18	18	18	18	18
Sample ID	18-VS-139	18-VS-13A	18-VS-1[illegible]	[illegible]3-VS-140	18-VS-141	18-VS-142	18-VS-143	18-VS-144
Date Sampled	8/26/93	12/9/92	12/9[illegible]	8/26/93	8/26/93	8/26/93	8/26/93	8/26/93
Depth	5 to 7	0 to 1	3 to [illegible]	3 to 6	3 to 3.5	2 to 2.5	4 to 4.5	1 to 1.5
Explosive (mg/kg dry)								
1,3-Dinitrobenzene	0.042 U			0.042 U	0.045 U	0.043 U	0.043 U	0.043 U
2,4-Dinitrotoluene	0.006 U	0.05 U	0.05 U	0.006 U	0.034	0.006	0.016	0.074
2,6-Dinitrotoluene	0.006 U	0.1 U	0.1 U	0.006 U	0.007 U	0.006 U	0.006 U	0.022
DNT - Total	*0.012 U*	*0.15 U*	*0.15 U*	*0.012 U*	*0.0375*	*0.009*	*0.019*	*0.096*
Monomethylamine Nitrate								
Nitrobenzene	0.063 U			0.063 U	0.068 U	0.064 U	0.063 U	0.065 U
Nitroglycerine								
1,3,5-Trinitrobenzene	0.032 U			0.032 U	0.034 U	0.032 U	0.032 U	0.033 U
2,4,6-Trinitrotoluene	0.0032 U			0.0032 U	0.006	0.0032 U	0.0032 U	0.008

Area	18	18	18	18	18	18	18	18
Sample ID	18-VS-145	18-VS-146	18-VS-147	18-VS-148	18-VS-149	18-VS-14A	18-VS-14B	18-VS-150-DAVG
Date Sampled	8/26/93	8/26/93	8/26/93	8/26/93	8/26/93	12/9/92	12/9/92	8/26/93
Depth	4 to 4.5	15 to 15.5	6 to 6.5	7 to 7.5	0 to 1	0 to 1	3 to 6	1 to 2
Explosive (mg/kg dry)								
1,3-Dinitrobenzene	0.052 U	0.215 U	0.042 U	0.043 U	0.041 U			0.043 U
2,4-Dinitrotoluene	0.015	0.445	0.013	0.072	0.006 U	0.05 U	0.05 U	0.007
2,6-Dinitrotoluene	0.008 U	0.222	0.006 U	0.011	0.006 U	0.1 U	0.1 U	0.006 U
DNT - Total	*0.019*	*0.667*	*0.016*	*0.083*	*0.012 U*	*0.15 U*	*0.15 U*	*0.01*
Monomethylamine Nitrate								
Nitrobenzene	0.077 U	0.32 U	0.063 U	0.064 U	0.061 U			0.064 U
Nitroglycerine								
1,3,5-Trinitrobenzene	0.039 U	0.161 U	0.032 U	0.032 U	0.031 U			0.032 U
2,4,6-Trinitrotoluene	0.0039 U	0.411	0.02	0.014	0.0031 U			0.009

Area	18	18	18	18	18	18	18	18
Sample ID	18-VS-151	18-VS-152	18-VS-153	18-VS-154	18-VS-155	18-VS-156	18-VS-157	18-VS-158
Date Sampled	8/26/93	9/23/93	8/26/93	8/26/93	8/26/93	8/26/93	8/26/93	8/26/93
Depth	2 to 3	4 to 4.5	0 to 0.5	3 to 4	4 to 5	10 to 13	7 to 9	4 to 6
Explosive (mg/kg dry)								
1,3-Dinitrobenzene	0.042 U	0.042 U	0.053 U	0.049 U	0.048 U	0.048 U	0.047 U	0.048 UJ
2,4-Dinitrotoluene	0.017	0.006 U	0.035	0.011	0.008	0.007 U	0.098	0.007 UJ
2,6-Dinitrotoluene	0.006 U	0.006 U	0.067	0.008	0.007 U	0.007 U	0.028	0.007 UJ
DNT - Total	*0.02*	*0.012 U*	*0.102*	*0.019*	*0.0115*	*0.014 U*	*0.126*	*0.014 U*
Monomethylamine Nitrate								
Nitrobenzene	0.063 U	0.063 U	0.079 U	0.073 U	0.072 U	0.072 U	0.07 U	0.072 UJ
Nitroglycerine								
1,3,5-Trinitrobenzene	0.032 U	0.032 U	0.04 U	0.037 U	0.036 U	0.036 U	0.035 U	0.036 UJ
2,4,6-Trinitrotoluene	0.0032 U	0.0032 U	0.004 U	0.0037 U	0.0036 U	0.0036 U	0.18	0.0036 UJ

Table B.7-2
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Explosives Results

Area	18	18	18	18	18	18	18	18
Sample ID	18-VS-159	18-VS-15-DAVG	18-VS-160	18-VS-162	18-VS-163	18-VS-164	18-VS-165	18-VS-166
Date Sampled	8/26/93	4/12/93	8/26/93	8/26/93	8/26/93	8/26/93	8/26/93	8/26/93
Depth	2 to 3	7 to 7.5	0 to 1	0 to 1	2 to 2.5	15 to 15.5	1 to 1.5	0 to 0.5
Explosive (mg/kg dry)								
1,3-Dinitrobenzene	0.046 U	0.044 U	0.054 U	0.048 U	0.048 U	0.24 U	0.052 U	0.049 U
2,4-Dinitrotoluene	0.007 U	0.091	0.074	0.007 U	0.007 U	0.27	0.008 U	0.007 U
2,6-Dinitrotoluene	0.007 U	0.047	0.019	0.007 U	0.007 U	0.088	0.008 U	0.007 U
DNT - Total	*0.014 U*	*0.138*	*0.093*	*0.014 U*	*0.014 U*	*0.358*	*0.016 U*	*0.014 U*
Monomethylamine Nitrate								
Nitrobenzene	0.068 U	0.066 U	0.08 U	0.071 U	0.071 U	0.36 U	0.077 U	0.073 U
Nitroglycerine								
1,3,5-Trinitrobenzene	0.034 U	0.033 U	0.041 U	0.036 U	0.036 U	0.13	0.039 U	0.037 U
2,4,6-Trinitrotoluene	0.0034 U	0.0015 J	0.0041 U	0.027	0.0036 U	0.61	0.0039 U	0.0037 U

Area	18	18	18	18	18	18	18	18
Sample ID	18-VS-167	18-VS-168	18-VS-17	18-VS-170-DAVG	18-VS-171	18-VS-172	18-VS-173	18-VS-174
Date Sampled	8/26/93	8/26/93	4/12/93	8/26/93	8/26/93	8/26/93	8/26/93	8/26/93
Depth	0 to 1	1 to 2	3 to 3.5	0 to 1	2 to 4	12 to 14	5 to 7	8 to 10
Explosive (mg/kg dry)								
1,3-Dinitrobenzene	0.049 U	0.051 U	0.042 U	0.051 U	0.041 U	0.047 U	0.046 U	0.049 U
2,4-Dinitrotoluene	0.038	0.008	0.026	0.008 U	0.006 U	0.033	0.007 U	0.007 U
2,6-Dinitrotoluene	0.007 U	0.008 U	0.035	0.008 U	0.006 U	0.007 U	0.007 U	0.007 U
DNT - Total	*0.0415*	*0.012*	*0.061*	*0.016 U*	*0.012 U*	*0.0365*	*0.014 U*	*0.014 U*
Monomethylamine Nitrate								
Nitrobenzene	0.073 U	0.076 U	0.063 U	0.075 U	0.061 U	0.069 U	0.068 U	0.073 U
Nitroglycerine								
1,3,5-Trinitrobenzene	0.037 U	0.038 U	0.032 U	0.038 U	0.031 U	0.24	0.034 U	0.037 U
2,4,6-Trinitrotoluene	0.0037 U	0.0038 U	0.0074	0.0038 U	0.0031 U	0.116	0.0034 U	0.0037 U

Area	18	18	18	18	18	18	18	18
Sample ID	18-VS-175	18-VS-176	18-VS-177	18-VS-18	18-VS-184	18-VS-186	18-VS-188	18-VS-191
Date Sampled	10/7/93	10/7/93	10/7/93	4/12/93	3/18/94	3/18/94	4/4/94	4/14/94
Depth	1 to 2	1 to 2	5 to 5.5	3 to 3.5	21 to 23	17 to 17.5	21 to 23	27 to 27.5
Explosive (mg/kg dry)								
1,3-Dinitrobenzene	0.041 U	0.043 U	0.043 U	0.46 U	0.041 U	0.041 U	0.042 U	0.85 U
2,4-Dinitrotoluene	0.006 U	0.035 J	0.0064 U	0.19	0.095	0.18	0.3	0.33
2,6-Dinitrotoluene	0.006 U	0.0065 U	0.0064 U	0.36	0.025	0.31	1.3	1
DNT - Total	*0.012 U*	*0.03825*	*0.0128 U*	*0.55*	*0.12*	*0.49*	*1.6*	*1.33*
Monomethylamine Nitrate								
Nitrobenzene	0.061 U	0.064 U	0.064 U	0.68 U	0.06 U	0.061 U	0.063 U	1.3 U
Nitroglycerine								
1,3,5-Trinitrobenzene	0.031 U	0.058	0.032 U	0.34 U	0.03 U	0.037	0.17	0.64 U
2,4,6-Trinitrotoluene	0.0031 U	0.012	0.0032 U	0.071	0.003 U	0.0031 U	0.028	0.064 U

Table B.7-2
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Explosives Results

Area	18	18	18	18	18	18	18	18
Sample ID	18-VS-192	18-VS-194	18-VS-19-DAVG	18-VS-20	18-VS-21	18-VS-22	18-VS-23	18-VS-24-DAVG
Date Sampled	4/14/94	4/28/94	4/12/93	4/12/93	4/12/93	4/12/93	4/12/93	4/12/93
Depth	23 to 25	25 to 27	2 to 2.5	5 to 5.5	5 to 5.5	3 to 3.5	3 to 3.5	3 to 3.5
Explosive (mg/kg dry)								
1,3-Dinitrobenzene	0.042 U	0.042 U	0.042 U	0.042 U	0.043 U	0.043 U	0.044 U	0.044 UJ
2,4-Dinitrotoluene	0.095	0.013	0.006 U	0.006 U	0.0051 J	0.0075	0.0091	0.007 UJ
2,6-Dinitrotoluene	0.019	0.016	0.006 U	0.006 U	0.0042 J	0.006 U	0.0072	0.007 UJ
DNT - Total	*0.114*	*0.029*	*0.012 U*	*0.012 U*	*0.0093*	*0.0105*	*0.0163*	*0.014 U*
Monomethylamine Nitrate								
Nitrobenzene	0.063 U	0.063 U	0.062 U	0.063 U	0.065 U	0.064 U	0.066 U	0.065 UJ
Nitroglycerine								
1,3,5-Trinitrobenzene	0.032 U	0.032 U	0.031 U	0.032 U	0.033 U	0.032 U	0.033 U	0.033 UJ
2,4,6-Trinitrotoluene	0.0068	0.019	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 UJ

Area	18	18	18	18	18	18	18	18
Sample ID	18-VS-25	18-VS-26	18-VS-27	18-VS-28	18-VS-29	18-VS-31	18-VS-32	18-VS-33
Date Sampled	4/12/93	4/12/93	4/12/93	4/12/93	4/12/93	4/12/93	4/12/93	4/12/93
Depth	15 to 15.5	3 to 3.5	2 to 2.5	7 to 7.5	3 to 3.5	15 to 15.5	15 to 15.5	15 to 15.5
Explosive (mg/kg dry)								
1,3-Dinitrobenzene	0.043 U	0.043 U	0.43 U	0.043 U	0.042 U	2.1 U	0.042 U	0.047 U
2,4-Dinitrotoluene	0.006 U	0.014	0.15	0.0009 J	0.013	0.13 J	0.019	0.007 U
2,6-Dinitrotoluene	0.006 U	0.0054 J	0.3	0.0018 J	0.004 J	0.089 J	0.0019 J	0.007 U
DNT - Total	*0.012 U*	*0.0194*	*0.45*	*0.0027*	*0.017*	*0.219*	*0.0209*	*0.014 U*
Monomethylamine Nitrate								
Nitrobenzene	0.064 U	0.064 U	0.64 U	0.064 U	0.062 U	3.2 U	0.063 U	0.069 U
Nitroglycerine								
1,3,5-Trinitrobenzene	0.032 U	0.032 U	0.32 U	0.032 U	0.031 U	1.6 U	0.032 U	0.035 U
2,4,6-Trinitrotoluene	0.003 U	0.003 U	0.0036 J	0.003 U	0.003 U	0.027 J	0.003 U	0.0072

Area	18	18	18	18	18	18	18	18
Sample ID	18-VS-34	18-VS-37	18-VS-38	18-VS-39	18-VS-3A	18-VS-3B	18-VS-40	18-VS-41
Date Sampled	4/12/93	4/12/93	4/12/93	4/12/93	12/8/92	12/8/92	4/12/93	4/12/93
Depth	1 to 3	8 to 10	6 to 8	12 to 14	0 to 1	3 to 6	4 to 6	8 to 10
Explosive (mg/kg dry)								
1,3-Dinitrobenzene	0.044 U	0.043 U	0.043 U	0.043 U			0.043 U	0.044 U
2,4-Dinitrotoluene	0.015	0.0014 J	0.007 U	0.007 U	0.1 U	0.1 U	0.002 J	0.0067 U
2,6-Dinitrotoluene	0.0026 J	0.004 J	0.0027 J	0.007 U	0.05 U	0.05 U	0.0018 J	0.0067 U
DNT - Total	*0.0176*	*0.0054*	*0.0062*	*0.014 U*	*0.15 U*	*0.15 U*	*0.0038*	*0.0134 U*
Monomethylamine Nitrate								
Nitrobenzene	0.066 U	0.064 U	0.064 U	0.064 U			0.064 U	0.066 U
Nitroglycerine								
1,3,5-Trinitrobenzene	0.033 U	0.032 U	0.033 U	0.033 U			0.032 U	0.033 U
2,4,6-Trinitrotoluene	0.003 U	0.003 U	0.003 U	0.003 U			0.003 U	0.0033 U

Table B.7-2
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Explosives Results

Area	18	18	18	18	18	18	18	18
Sample ID	18-VS-42-DAVG	18-VS-43	18-VS-44	18-VS-45	18-VS-46	18-VS-47	18-VS-48	18-VS-49
Date Sampled	4/12/93	4/12/93	4/12/93	4/12/93	4/12/93	4/12/93	4/12/93	4/12/93
Depth	0 to 1	1 to 2	2 to 3	1 to 2	4 to 5	3 to 4	2 to 3	1 to 2
Explosive (mg/kg dry)								
1,3-Dinitrobenzene	0.054 U	0.049 U	0.045 U	0.043 U	0.061 U	0.048 U	0.044 U	0.051 UJ
2,4-Dinitrotoluene	0.069	0.029	0.008	0.021	0.19	0.24	0.0022 J	0.0076 UJ
2,6-Dinitrotoluene	0.073	0.042	0.0038 J	0.047	0.14	0.3	0.0033 J	0.0057 J
DNT - Total	*0.142*	*0.071*	*0.0118*	*0.068*	*0.33*	*0.54*	*0.0055*	*0.0095*
Monomethylamine Nitrate								
Nitrobenzene	0.08 U	0.073 U	0.068 U	0.063 U	0.09 U	0.071 U	0.065 U	0.075 UJ
Nitroglycerine								
1,3,5-Trinitrobenzene	0.041 U	0.037 U	0.034 U	0.032 U	0.045 U	0.036 U	0.033 U	0.038 UJ
2,4,6-Trinitrotoluene	0.004 U	0.004 U	0.003 U	0.012	0.014	0.12	0.0033 U	0.0038 UJ

Area	18	18	18	18	18	18	18	18
Sample ID	18-VS-4A	18-VS-4B	18-VS-50	18-VS-51	18-VS-52	18-VS-53	18-VS-54	18-VS-55
Date Sampled	12/8/92	12/8/92	4/12/93	4/12/93	4/12/93	4/12/93	4/12/93	4/12/93
Depth	0 to 1	3 to 6	1 to 2	0 to 1	4 to 5	1 to 2	0 to 1	1 to 2
Explosive (mg/kg dry)								
1,3-Dinitrobenzene			0.052 U	0.26 U	0.24 U	0.05 U	0.048 U	0.62 U
2,4-Dinitrotoluene	0.1 U	0.1 U	0.008 U	0.42	0.2	0.011	0.01	0.01 J
2,6-Dinitrotoluene	0.05 U	0.05 U	0.0011 J	0.14	0.085	0.0092	0.0093	0.028 J
DNT - Total	*0.15 U*	*0.15 U*	*0.0051*	*0.56*	*0.285*	*0.0202*	*0.0193*	*0.038*
Monomethylamine Nitrate								
Nitrobenzene			0.077 U	0.39 U	0.36 U	0.074 U	0.071 U	0.92 U
Nitroglycerine								
1,3,5-Trinitrobenzene			0.039 U	0.2 U	0.18 U	0.037 U	0.036 U	0.46 U
2,4,6-Trinitrotoluene			0.004 U	0.14	0.015 J	0.0037 U	0.0036 U	0.046 U

Area	18	18	18	18	18	18	18	18
Sample ID	18-VS-56	18-VS-57	18-VS-58	18-VS-59	18-VS-60-DAVG	18-VS-61	18-VS-62	18-VS-63
Date Sampled	4/12/93	4/12/93	8/26/93	8/26/93	8/26/93	8/26/93	8/26/93	8/26/93
Depth	2 to 3	1 to 2	1 to 1.5	2 to 2.5	8 to 8.5	6 to 6.5	2 to 2.5	4 to 4.5
Explosive (mg/kg dry)								
1,3-Dinitrobenzene	0.65 U	0.64 U	0.041 U	0.042 U	0.042 U	0.042 U	0.043 U	0.85 U
2,4-Dinitrotoluene	0.13	0.1	0.006 U	0.026	0.072	0.062	0.006 U	0.34
2,6-Dinitrotoluene	0.07 J	0.13	0.006 U	0.006 U	0.006 U	0.016	0.006 U	0.13 U
DNT - Total	*0.2*	*0.23*	*0.012 U*	*0.029*	*0.075*	*0.078*	*0.012 U*	*0.405*
Monomethylamine Nitrate								
Nitrobenzene	1 U	0.94 U	0.062 U	0.062 U	0.062 U	0.062 U	0.064 U	1.3 U
Nitroglycerine								
1,3,5-Trinitrobenzene	0.48 U	0.48 U	0.031 U	0.031 U	0.031 U	0.031 U	0.032 U	0.64 U
2,4,6-Trinitrotoluene	0.048 U	0.048 U	0.0031 U	0.0031 U	0.053	0.0031 U	0.0032 U	0.5

Table B.7-2
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Explosives Results

Area	18	18	18	18	18	18	18	18
Sample ID	18-VS-64	18-VS-65	18-VS-66	18-VS-67	18-VS-68	18-VS-69	18-VS-6A	18-VS-6B
Date Sampled	8/26/93	8/26/93	8/26/93	8/26/93	8/26/93	8/26/93	12/8/92	12/8/92
Depth	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5	3 to 3.5	2 to 2.5	0 to 1	3 to 6
Explosive (mg/kg dry)								
1,3-Dinitrobenzene	0.043 U	0.042 U	0.043 U	0.044 U	0.042 U	0.043 U		
2,4-Dinitrotoluene	0.069	0.011	0.007 U	0.008	0.02	0.016	0.1 U	0.1 U
2,6-Dinitrotoluene	0.008	0.006 U	0.007 U	0.007 U	0.006 U	0.007 U	0.05 U	0.05 U
DNT - Total	*0.077*	*0.014*	*0.014 U*	*0.0115*	*0.021*	*0.0195*	*0.15 U*	*0.15 U*
Monomethylamine Nitrate								
Nitrobenzene	0.064 U	0.063 U	0.065 U	0.065 U	0.063 U	0.065 U		
Nitroglycerine								
1,3,5-Trinitrobenzene	0.033 U	0.032 U	0.033 U	0.033 U	0.032 U	0.033 U		
2,4,6-Trinitrotoluene	0.085	0.0032 U	0.0033 U	0.0033 U	0.0032 U	0.0033 U		

Area	18	18	18	18	18	18	18	18
Sample ID	18-VS-70	18-VS-71	18-VS-72	18-VS-73	18-VS-74	18-VS-75	18-VS-76	18-VS-77
Date Sampled	8/26/93	8/26/93	8/26/93	8/26/93	8/26/93	8/26/93	8/26/93	8/26/93
Depth	2 to 2.5	0 to 0.5	3 to 4	0 to 0.5	0 to 1	0 to 1	0 to 0.5	1 to 2
Explosive (mg/kg dry)								
1,3-Dinitrobenzene	0.044 U	0.043 U	0.041 U	0.043 U	0.427 U	0.043 U	0.44 U	0.043 U
2,4-Dinitrotoluene	0.007 U	0.006 U	0.006 U	0.007 U	0.87	0.036	0.72	0.006 U
2,6-Dinitrotoluene	0.007 U	0.006 U	0.006 U	0.007 U	0.064 U	0.006 U	0.068	0.006 U
DNT - Total	*0.014 U*	*0.012 U*	*0.012 U*	*0.014 U*	*0.902*	*0.039*	*0.788*	*0.012 U*
Monomethylamine Nitrate								
Nitrobenzene	0.065 U	0.064 U	0.061 U	0.065 U	0.64 U	0.064 U	0.66 U	0.063 U
Nitroglycerine								
1,3,5-Trinitrobenzene	0.033 U	0.032 U	0.031 U	0.033 U	0.32 U	0.032 U	0.33 U	0.032 U
2,4,6-Trinitrotoluene	0.0033 U	0.0032 U	0.0031 U	0.0033 U	0.032 U	0.0032 U	0.033 U	0.0032 U

Area	18	18	18	18	18	18	18	18
Sample ID	18-VS-78	18-VS-79	18-VS-80-DAVG	18-VS-81	18-VS-82	18-VS-83	18-VS-84	18-VS-85
Date Sampled	8/26/93	8/26/93	8/26/93	8/26/93	8/26/93	8/26/93	8/26/93	8/26/93
Depth	3 to 4	0 to 1	1 to 2	1 to 2	0 to 1	0 to 1	0 to 0.5	2 to 3
Explosive (mg/kg dry)								
1,3-Dinitrobenzene	0.042 U	0.044 U	0.046 U	0.045 U	0.042 U	0.041 U	0.045 U	0.042 U
2,4-Dinitrotoluene	0.006 U	0.007 U	0.007 U	0.007 U	0.006 U	0.006 U	0.016	0.006 U
2,6-Dinitrotoluene	0.006 U	0.007 U	0.007 U	0.007 U	0.006 U	0.006 U	0.007 U	0.006 U
DNT - Total	*0.012 U*	*0.014 U*	*0.014 U*	*0.014 U*	*0.012 U*	*0.012 U*	*0.0195*	*0.012 U*
Monomethylamine Nitrate								
Nitrobenzene	0.062 U	0.065 U	0.068 U	0.067 U	0.062 U	0.061 U	0.067 U	0.062 U
Nitroglycerine								
1,3,5-Trinitrobenzene	0.031 U	0.033 U	0.034 U	0.034 U	0.031 U	0.031 U	0.034 U	0.031 U
2,4,6-Trinitrotoluene	0.0031 U	0.0033 U	0.008	0.0034 U	0.0031 U	0.0031 U	0.0034 U	0.0031 U

Table B.7-2
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Explosives Results

Area	18	18	18	18	18	18	18	18
Sample ID	18-VS-86	18-VS-87	18-VS-88	18-VS-89	18-VS-8A	18-VS-8B	18-VS-90	18-VS-91
Date Sampled	8/26/93	8/26/93	8/26/93	8/26/93	12/8/92	12/8/92	8/26/93	8/26/93
Depth	10 to 10.5	12 to 14	5 to 7	6 to 6.5	0 to 1	3 to 6	1 to 1.5	7 to 7.5
Explosive (mg/kg dry)								
1,3-Dinitrobenzene	0.042 U	0.042 U	0.042 U	0.041 U			0.42 U	0.041 U
2,4-Dinitrotoluene	0.3	0.017	0.006 U	0.006 U	0.1 U	0.1 U	0.67	0.069
2,6-Dinitrotoluene	0.009	0.006 U	0.006 U	0.006 U	0.05 U	0.05 U	0.062 U	0.01
DNT - Total	*0.309*	*0.02*	*0.012 U*	*0.012 U*	*0.15 U*	*0.15 U*	*0.701*	*0.079*
Monomethylamine Nitrate								
Nitrobenzene	0.062 U	0.062 U	0.062 U	0.061 U			0.62 U	0.062 U
Nitroglycerine								
1,3,5-Trinitrobenzene	0.031 U	0.031 U	0.031 U	0.031 U			0.31 U	0.19 J
2,4,6-Trinitrotoluene	0.17	0.0031 U	0.0031 U	0.0031 U			0.031 U	0.094

Area	18	18	18	18	18	18	18	18
Sample ID	18-VS-92	18-VS-93	18-VS-94	18-VS-95	18-VS-96	18-VS-97	18-VS-98	18-VS-99
Date Sampled	8/26/93	8/26/93	8/26/93	8/26/93	8/26/93	8/26/93	8/26/93	8/26/93
Depth	2 to 2.5	7 to 7.5	7 to 7.5	2 to 2.5	1 to 1.5	1 to 1.5	3 to 3.5	3 to 3.5
Explosive (mg/kg dry)								
1,3-Dinitrobenzene	0.44 U	0.41 U	0.041 U	0.42 U	0.42 U	0.044 U	0.042 U	0.043 U
2,4-Dinitrotoluene	0.23	0.061 U	0.006 U	0.087	0.11	0.007 U	0.089	0.006 U
2,6-Dinitrotoluene	0.067 U	0.061 U	0.006 U	0.063 U	0.063 U	0.007 U	0.011	0.006 U
DNT - Total	*0.2635*	*0.122 U*	*0.012 U*	*0.1185*	*0.1415*	*0.014 U*	*0.1*	*0.012 U*
Monomethylamine Nitrate								
Nitrobenzene	0.66 U	0.61 U	0.061 U	0.62 U	0.63 U	0.066 U	0.062 U	0.064 U
Nitroglycerine								
1,3,5-Trinitrobenzene	0.33 U	0.31 U	0.031 U	0.31 U	0.32 U	0.033 U	0.031 U	0.032 U
2,4,6-Trinitrotoluene	0.033 U	0.45	0.0031 U	0.031 U	0.032 U	0.0033 U	0.008	0.0032 U

Area	18	18
Sample ID	18-VS-9A	18-VS-9B
Date Sampled	12/8/92	12/8/92
Depth	0 to 1	3 to 6
Explosive (mg/kg dry)		
1,3-Dinitrobenzene		
2,4-Dinitrotoluene	0.1 U	0.1 U
2,6-Dinitrotoluene	0.05 U	0.05 U
DNT - Total	*0.15 U*	*0.15 U*
Monomethylamine Nitrate		
Nitrobenzene		
Nitroglycerine		
1,3,5-Trinitrobenzene		
2,4,6-Trinitrotoluene		

Table B.7-2
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Explosives Results

Area	1234	1234	1234	1234	1234	1234	1234	1234
Sample ID	1234-TP-501-S-1	1234-TP-501-S-2	1234-TP-501-S-3	1234-TP-502-S-2	1234-TP-503-S-2	1234-TP-504-S-1-DAVG	1234-TP-504-S-2	1234-TP-504-S-3
Date Sampled	5/18/92	5/18/92	5/18/92	5/18/92	5/21/92	5/19/92	5/19/92	5/19/92
Depth	0 to 1	3 to 6	8 to 10	3 to 6	3 to 6	0 to 1	3 to 6	8 to 10
Explosives (mg/kg dry)								
1,3,5-Trinitrobenzene	1.8 U	0.16 U	0.032 U	0.032 U	0.033 U	1.6 U	1.6 U	0.16 U
1,3-Dinitrobenzene	2.5 U	0.22 U	0.042 U	0.042 U	0.044 U	2.2 U	2.1 U	0.21 U
2,4,6-Trinitrotoluene	0.18 U	0.016 U	0.0032 U	0.0032 U	0.0033 U	0.16 U	0.16 U	0.016 U
2,4-Dinitrotoluene	0.37 U	0.033 U	0.0064 U	0.0063 U	0.0065 U	0.33 U	0.32 U	0.032 U
2,6-Dinitrotoluene	0.37 U	0.033 U	0.0064 U	0.0063 U	0.0065 U	0.33 U	0.32 U	0.032 U
DNT - Total	0.74 U	0.066 U	0.0128 U	0.0126 U	0.013 U	0.66 U	0.64 U	0.064 U
Nitrobenzene	3.7 U	0.32 U	0.063 U	0.063 U	0.065 U	3.3 U	3.2 U	0.31 U
Nitroglycerine	0.24 U	0.22 U	0.21 U	0.21 U	0.22 U	0.22 U	0.21 U	0.21 U

Area	1234	1234	1234	1234	1234	1234	1234	1234
Sample ID	1234-TP-505-S-2	1234-TP-506-S-2	1234-TP-506-S-3	1234-TP-507-S-2	1234-TP-508-S-2	1234-TP-509-S-2	1234-TP-510-S-2-DAVG	1234-TP-510-S-3
Date Sampled	5/19/92	5/20/92	5/20/92	5/18/92	5/18/92	5/21/92	5/21/92	5/21/92
Depth	3 to 6	3 to 6	8 to 10	3 to 6	3 to 6	3 to 6	3 to 6	8 to 10
Explosives (mg/kg dry)								
1,3,5-Trinitrobenzene	0.16 U	0.064 U	0.032 U	0.032 U	0.033 U	0.032 U	0.032 U	0.033 U
1,3-Dinitrobenzene	0.22 U	0.086 U	0.042 U	0.042 U	0.043 U	0.042 U	0.043 U	0.044 U
2,4,6-Trinitrotoluene	0.016 U	0.0064 U	0.0032 U	0.0032 U	0.0033 U	0.0032 U	0.0032 U	0.0033 U
2,4-Dinitrotoluene	0.033 U	0.013 U	0.0064 U	0.0063 U	0.0065 U	0.0063 U	0.0064 U	0.0065 U
2,6-Dinitrotoluene	0.033 U	0.013 U	0.0064 U	0.0063 U	0.0065 U	0.0063 U	0.0064 U	0.0065 U
DNT - Total	0.066 U	0.026 U	0.0128 U	0.0126 U	0.013 U	0.0126 U	0.0128 U	0.013 U
Nitrobenzene	0.32 U	0.13 U	0.063 U	0.062 U	0.065 U	0.063 U	0.063 U	0.065 U
Nitroglycerine	0.22 U	0.22 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.22 U

Area	1234	1234	1234	1234	1234	1234	1234	1234
Sample ID	1234-TP-511-S-2	1234-TP-511-S-3	1234-TP-512-S-2	1234-TP-512-S-3	1234-TP-513-S-1	1234-TP-513-S-2	1234-TP-513-S-3	1234-TP-514-S-2
Date Sampled	5/21/92	5/21/92	5/19/92	5/19/92	5/19/92	5/19/92	5/19/92	5/19/92
Depth	3 to 6	8 to 10	3 to 6	8 to 10	0 to 1	3 to 6	8 to 10	3 to 6
Explosives (mg/kg dry)								
1,3,5-Trinitrobenzene	0.032 U	0.032 U	0.031 U	0.032 U	0.66 U	0.033 U	0.032 U	0.063 U
1,3-Dinitrobenzene	0.043 U	0.043 U	0.042 U	0.042 U	0.89 U	0.043 U	0.043 U	0.085 U
2,4,6-Trinitrotoluene	0.0032 U	0.0032 U	0.0031 U	0.0032 U	0.066 U	0.0033 U	0.0032 U	0.0063 U
2,4-Dinitrotoluene	0.0064 U	0.0064 U	0.0062 U	0.0064 U	0.13 U	0.0065 U	0.0065 U	0.013 U
2,6-Dinitrotoluene	0.0064 U	0.0064 U	0.0062 U	0.0064 U	0.13 U	0.0065 U	0.0065 U	0.013 U
DNT - Total	0.0128 U	0.0128 U	0.0124 U	0.0128 U	0.26 U	0.013 U	0.013 U	0.026 U
Nitrobenzene	0.063 U	0.063 U	0.062 U	0.063 U	1.3 U	0.065 U	0.064 U	0.13 U
Nitroglycerine	0.21 U	0.21 U	0.21 U	0.21 U	0.22 U	0.22 U	0.21 U	0.21 U

Table B.7-2
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Explosives Results

Area	1234	1234	1234	1234	1234	1234	1234	1234
Sample ID	1234-TP-514-S-3	1234-TP-515-S-2	1234-TP-515-S-3	1234-TP-516-S-1-DAVG	1234-TP-516-S-2	1234-TP-516-S-3	1234-TP-517-S-2	1234-TP-517-S-3
Date Sampled	5/19/92	5/19/92	5/19/92	5/20/92	5/20/92	5/20/92	5/20/92	5/20/92
Depth	8 to 10	3 to 6	8 to 10	0 to 1	3 to 6	8 to 10	3 to 6	8 to 10
Explosives (mg/kg dry)								
1,3,5-Trinitrobenzene	0.033 U	0.033 U	0.032 U	0.71 U	0.032 U	0.031 U	0.031 U	0.031 U
1,3-Dinitrobenzene	0.044 U	0.044 U	0.042 U	0.95 U	0.042 U	0.042 U	0.042 U	0.041 U
2,4,6-Trinitrotoluene	0.0033 U	0.0033 U	0.0032 U	0.071 U	0.0032 U	0.0031 U	0.0031 U	0.0031 U
2,4-Dinitrotoluene	0.0066 U	0.0066 U	0.0064 U	0.14 U	0.0063 U	0.0063 U	0.0063 U	0.0062 U
2,6-Dinitrotoluene	0.0066 U	0.0066 U	0.0064 U	0.14 U	0.0063 U	0.0063 U	0.0063 U	0.0062 U
DNT - Total	0.0132 U	0.0132 U	0.0128 U	0.28 U	0.0126 U	0.0126 U	0.0126 U	0.0124 U
Nitrobenzene	0.066 U	0.066 U	0.063 U	1.4 U	0.063 U	0.062 U	0.062 U	0.061 U
Nitroglycerine	0.22 U	0.22 U	0.21 U	0.24 U	0.21 U	0.21 U	0.21 U	0.21 U

Area	1234	1234	1234	1234	1234	1234	1234	1234
Sample ID	1234-TP-518-S-2	1234-TP-518-S-3	1234-TP-519-S-2	1234-TP-519-S-3	1234-TP-520-S-2	1234-TP-520-S-3	1234-TP-521-S-2	1234-TP-521-S-3
Date Sampled	5/19/92	5/19/92	5/20/92	5/20/92	5/18/92	5/18/92	5/18/92	5/18/92
Depth	3 to 6	8 to 10	3 to 6	8 to 10	3 to 6	8 to 10	3 to 6	8 to 10
Explosives (mg/kg dry)								
1,3,5-Trinitrobenzene	0.031 U	0.032 U	0.033 U	0.032 U	0.033 U	0.032 U	0.032 U	0.031 U
1,3-Dinitrobenzene	0.041 U	0.043 U	0.044 U	0.042 U	0.045 U	0.043 U	0.042 U	0.042 U
2,4,6-Trinitrotoluene	0.0031 U	0.0032 U	0.0033 U	0.0032 U	0.0033 U	0.0032 U	0.0032 U	0.0031 U
2,4-Dinitrotoluene	0.0062 U	0.0064 U	0.0066 U	0.0063 U	0.0067 U	0.0064 U	0.0063 U	0.0063 U
2,6-Dinitrotoluene	0.0062 U	0.0064 U	0.0066 U	0.0063 U	0.0067 U	0.0064 U	0.0063 U	0.0063 U
DNT - Total	0.0124 U	0.0128 U	0.0132 U	0.0126 U	0.0134 U	0.0128 U	0.0126 U	0.0126 U
Nitrobenzene	0.061 U	0.063 U	0.065 U	0.063 U	0.066 U	0.063 U	0.063 U	0.062 U
Nitroglycerine	0.2 U	0.21 U	0.22 U	0.21 U	0.22 U	0.21 U	0.21 U	0.21 U

Area	1234	1234	1234	1234	1234	1234	1234	1234
Sample ID	1234-TP-522-S-2-DAVG	1234-TP-522-S-3	1234-TP-523-S-2	1234-TP-523-S-3	1234-TP-524-S-2	1234-TP-524-S-3	1234-TP-525-S-2	1234-TP-525-S-3
Date Sampled	5/20/92	5/20/92	5/20/92	5/20/92	5/18/92	5/18/92	5/20/92	5/20/92
Depth	3 to 6	8 to 10	3 to 6	8 to 10	3 to 6	8 to 10	3 to 6	8 to 10
Explosives (mg/kg dry)								
1,3,5-Trinitrobenzene	0.031	0.032 U	0.032 U	0.031 U	0.16 U	0.032 U	0.031 U	0.031 U
1,3-Dinitrobenzene	0.042	0.042 U	0.042 U	0.042 U	0.21 U	0.043 U	0.042 U	0.041 U
2,4,6-Trinitrotoluene	0.0031	0.0032 U	0.0032 U	0.0031 U	0.016 U	0.0032 U	0.0031 U	0.0031 U
2,4-Dinitrotoluene	0.0063	0.0064 U	0.0064 U	0.0063 U	0.031 U	0.0064 U	0.0063 U	0.0062 U
2,6-Dinitrotoluene	0.0063	0.0064 U	0.0064 U	0.0063 U	0.031 U	0.0064 U	0.0063 U	0.0062 U
DNT - Total	0.0126	0.0128 U	0.0128 U	0.0126 U	0.062 U	0.0128 U	0.0126 U	0.0124 U
Nitrobenzene	0.062	0.063 U	0.063 U	0.062 U	0.31 U	0.063 U	0.062 U	0.062 U
Nitroglycerine	0.21	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U

Table B.7-2
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Explosives Results

Area	1234	1234	1234	1234	1234	1234	1234	1234
Sample ID	1234-TP-526-S-2-DAVG	1234-TP-526-S-3	1234-TP-527-S-2	1234-TP-527-S-3	1-TP-14,S-1	1-TP-15,S-1	1-TP-15,S-2	1-TP-2,S-1
Date Sampled	5/19/92	5/19/92	5/18/92	5/18/92	11/21/86	4/22/87	4/22/87	11/11/86
Depth	3 to 6	8 to 10	3 to 6	8 to 10	0 to 4	0 to 3	3 to 6	1 to 4
Explosives (mg/kg dry)								
1,3,5-Trinitrobenzene	0.032 U	0.033 U	0.031 U	0.032 U				
1,3-Dinitrobenzene	0.043 U	0.044 U	0.041 U	0.043 U				
2,4,6-Trinitrotoluene	0.0032 U	0.0033 U	0.0031 U	0.0032 U		0.08 U	0.08 U	
2,4-Dinitrotoluene	0.0065 U	0.0066 U	0.0062 U	0.0065 U		0.08 U	0.07 U	
2,6-Dinitrotoluene	0.0065 U	0.0066 U	0.0062 U	0.0065 U		0.08 U	0.07 U	
DNT - Total	0.013 U	0.0132 U	0.0124 U	0.013 U		0.16 U	0.14 U	
Nitrobenzene	0.064 U	0.065 U	0.061 U	0.064 U				
Nitroglycerine	0.22 U	0.22 U	0.21 U	0.21 U	0.18 U	0.19 U	0.18 U	3.7

Area	1234	1234	1234	1234	1234	1234	1234	1234
Sample ID	1-TP-4,S-1	1-TP-6,S-1	1-TP-8,S-1	3-TP-1,S-1-DAVG	3-TP-1,S-2	3-TP-2,S-1	3-TP-2,S-2	3-TP-3,S-1
Date Sampled	11/11/86	11/11/86	11/11/86	4/22/87	4/22/87	4/22/87	4/22/87	4/26/87
Depth	1 to 4	0 to 2.5	1 to 5	0 to 3	3 to 6	0 to 3	3 to 6	0 to 3
Explosives (mg/kg dry)								
1,3,5-Trinitrobenzene								
1,3-Dinitrobenzene								
2,4,6-Trinitrotoluene								
2,4-Dinitrotoluene				0.09 U	0.07 U	0.09 U	0.07 U	0.08 U
2,6-Dinitrotoluene				0.09 U	0.07 U	0.09 U	0.07 U	0.08 U
DNT - Total				0.18 U	0.14 U	0.18 U	0.14 U	0.16 U
Nitrobenzene								
Nitroglycerine	0.36 U	0.18 U	0.19 U	0.21 U	0.18 U	0.22 U	0.18 U	0.21 U

Area	1234	1234	1234	1234	1234	1234	1234
Sample ID	3-TP-3,S-2	3-TP-4,S-1-DAVG	3-TP-4,S-2	3-TP-5,S-1	3-TP-5,S-2-DAVG	3-TP-6,S-1	3-TP-6,S-2
Date Sampled	4/26/87	4/21/87	4/21/87	4/21/87	4/21/87	4/21/87	4/21/87
Depth	3 to 6	0 to 3	3 to 6	0 to 3	3 to 6	0 to 3	3 to 6
Explosives (mg/kg dry)							
1,3,5-Trinitrobenzene							
1,3-Dinitrobenzene							
2,4,6-Trinitrotoluene							
2,4-Dinitrotoluene	0.08 U	0.09 U	0.08 U	0.08 U	0.07 U	0.08 U	0.07 U
2,6-Dinitrotoluene	0.08 U	0.09 U	0.08 U	0.08 U	0.07 U	0.08 U	0.07 U
DNT - Total	0.16 U	0.18 U	0.16 U	0.16 U	0.14 U	0.16 U	0.14 U
Nitrobenzene							
Nitroglycerine	0.19 U	0.21 U	0.19 U	0.2 U	0.18 U	0.21 U	0.18 U

Table B.7-3
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil VOCs Results

Area	1234	1234
Sample ID	1234-TP-510-S-2-DAVG	1234-TP-514-S-2
Date Sampled	5/21/92	5/19/92
Depth	3 to 6	3 to 6
Volatiles (mg/kg dry)		
1,1,1-Trichloroethane	0.053 U	0.052 U
1,1,2,2-Tetrachloroethane	0.053 U	0.052 U
1,1,2-Trichloroethane	0.053 U	0.052 U
1,1-Dichloroethane	0.053 U	0.052 U
1,1-Dichloroethene	0.053 U	0.052 U
1,2-Dichloroethane	0.053 U	0.052 U
1,2-Dichloroethylene	0.053 U	0.052 U
1,2-Dichloropropane	0.053 U	0.052 U
1,3(cis)-Dichloropropene	0.053 U	0.052 U
1,3(trans)-Dichloropropene	0.053 U	0.052 U
2-Hexanone	0.53 U	0.52 U
Acetone	1.1 U	1 U
Benzene	0.053 U	0.052 U
Bromodichloromethane	0.053 U	0.052 U
Bromoform	0.26 U	0.26 U
Bromomethane	0.53 U	0.52 U
Carbon Disulfide	0.053 U	0.052 U
Carbon Tetrachloride	0.053 U	0.052 U
Chlorobenzene	0.053 U	0.052 U
Chloroform	0.053 U	0.052 U
Chloromethane	0.53 U	0.52 U
Dibromochloromethane	0.053 U	0.052 U
Dichloromethane	0.26 U	0.27 U
Ethyl Benzene	0.053 U	0.052 U
Ethyl Chloride	0.053 U	0.052 U
Methyl Ethyl Ketone	0.41 U	0.52 U
Methyl Isobutyl Ketone	0.53 U	0.52 U
Styrene	0.053 U	0.052 U
Tetrachloroethene	0.063	0.052 U
Toluene	0.053 U	0.052 U
Trichloroethylene	0.053 U	0.052 U
Vinyl Acetate	0.53 U	0.52 U
Vinyl Chloride	0.053 U	0.052 U
Xylenes	0.053 U	0.052 U

Table B.7-4
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil PAH and SVOC Results

Area	18	18	18	18	18
Sample ID	18-SS-577	18-SS-583-DAVG	18-SS-591	18-SS-592	18-TP-553-S-2
Date Sampled	5/7/92	5/7/92	5/7/92	5/6/92	4/29/92
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	3 to 6
PAHs (mg/kg dry)					
Benzo(a)Anthracene	0.026	0.018 U	0.048	0.029	0.088
Benzo(a)Pyrene	0.026	0.018 U	0.042	0.048	0.11
Benzo(b)Fluoranthene	0.02 U	0.018 U	0.027	0.023	0.08
Benzo(k)Fluoranthene	0.02 U	0.018 U	0.019 U	0.021 U	0.051
Chrysene	0.098	0.021	0.09	0.021 U	0.15
Dibenzo(a,h)Anthracene	0.041 U	0.036 U	0.039 U	0.043 U	0.12
Indeno(1,2,3-c,d)Pyrene	0.02 U	0.018 U	0.033	0.021 U	0.02 U
Total Carcinogenic PAHs (BAP TEQs)	0.0513	0.029811	0.0725	0.0759	0.2485
Acenaphthene	0.2 U	0.18 U	0.19 U	0.21 U	0.2 U
Acenaphthylene	0.2 U	0.18 U	0.19 U	0.21 U	0.2 U
Anthracene	0.01 U	0.0089 U	0.01 U	0.01 U	0.029
Benzo(g,h,i)Perylene	0.02 U	0.018 U	0.061	0.021 U	0.02 U
Fluoranthene	0.02 U	0.018 U	0.086	0.021 U	0.36
Fluorene	0.02 U	0.018 U	0.019 U	0.021 U	0.02 U
Naphthalene	0.1 U	0.089 U	0.1 U	0.1 U	0.1 U
Phenanthrene	0.034	0.0089 U	0.038	0.019	0.14 J
Pyrene	0.066	0.018 U	0.063	0.031	0.25 J
Total Non-carcinogenic PAHs	0.385	0.5388 U	0.5025	0.3465	1.049

Table B.7-4
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil PAH and SVOC Results

Area	1234
Sample ID	1234-TP-506-S-2
Date Sampled	5/20/92
Depth	3 to 6
PAHs (mg/kg dry)	
Acenaphthene	0.18 U
Acenaphthylene	0.18 U
Anthracene	0.18 U
Benzo(a)Anthracene	0.18 U
Benzo(a)Pyrene	0.18 U
Benzo(b)Fluoranthene	0.056 J
Benzo(g,h,i)Perylene	0.18 U
Benzo(k)Fluoranthene	0.18 U
Chrysene	0.04 J
Dibenz(a,h)anthracene	0.18 U
Fluoranthene	0.044 J
Fluorene	0.18 U
Indeno(1,2,3-cd)pyrene	0.18 U
2-Methylnaphthalene	0.18 U
Naphthalene	0.18 U
Phenanthrene	0.18 U
Pyrene	0.045 J
PAH (Non-Carc) - Total	0.809
Total Carcinogenic PAHS (BaP TEQs)	0.20454
Semivolatiles (mg/kg dry)	
1,2,4-Trichlorobenzene	0.18 U
1,2-Dichlorobenzene	0.18 U
1,3-Dichlorobenzene	0.18 U
1,4-Dichlorobenzene	0.18 U
2,4,5-Trichlorophenol	0.92 U
2,4,6-Trichlorophenol	0.18 U
2,4-Dichlorophenol	0.18 U
2,4-Dimethylphenol	0.18 U
2,4-Dinitrophenol	0.92 U
2-Chloronaphthalene	0.18 U
2-Chlorophenol	0.18 U
2-Methylphenol	0.18 U
2-Nitroaniline	0.92 U
2-Nitrophenol	0.18 U
3,3'-Dichlorobenzidine	0.37 U
3-Nitroaniline	0.92 U
4,6-Dinitro-o-Cresol	0.92 U
4-Bromodiphenyl ether	0.18 U
4-Chloroaniline	0.18 U
4-Chlorophenyl-phenyl ether	0.18 U
4-Methylphenol	0.18 U
4-Nitroaniline	0.92 U
4-Nitrophenol	0.92 U
Aniline	0.18 U
Benzidine	1.8 U
Benzoic Acid	0.92 U

Table B.7-4
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil PAH and SVOC Results

Area	1234
Sample ID	1234-TP-506-S-2
Date Sampled	5/20/92
Depth	3 to 6
Benzyl Alcohol	0.18 U
Bis(2-Chloroethoxy)methane	0.18 U
Bis(2-Chloroisopropyl)ether	0.18 U
Bis(2-ethylhexyl)Phthalate (DEHP)	0.18 U
Bis(Chloroethyl)ether	0.18 U
Dibenzofuran	0.18 U
Dibutyl Phthalate	0.18 U
Diethyl Phthalate	0.18 U
Dimethyl Phthalate	0.18 U
Di-N-Octylphthalate	0.18 U
Hexachlorobenzene	0.18 U
Hexachlorobutadiene	0.18 U
Hexachlorocyclopentadiene	0.18 U
Hexachloroethane	0.18 U
Isophorone	0.18 U
N-Butyl Benzyl Phthalate	0.18 U
N-Nitrosodimethylamine	0.18 U
N-Nitrosodi-N-propylamine	0.18 U
N-Nitrosodiphenylamine	0.18 U
Pentachlorophenol	0.18 U
Phenol	0.18 U

Table B.7-5
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil TPH Results

Area	18	18	18	18
Sample ID	18-SS-577	18-SS-583-DAVG	18-SS-591	18-SS-592
Date Sampled	5/7/92	5/7/92	5/7/92	5/6/92
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TPH (mg/kg dry)				
TPH Scan	52	47	29 U	84

Table B.7-6
Area 18/1/2/3/4 - Nitroglycerin Production and Powderline Soil Nitrate Results

Area	18	18	18N	18N	18N	18N	18N	18
Sample ID	18-TP-520-S-2-DAVG	18-TP-520-S-3	18-TP-535-S-1-DAVG	18-TP-535-S-3	18-TP-536-S-2	18-TP-536-S-3	18-TP-537-S-3	18-TP-538-S-2
Date Sampled	4/27/92	4/27/92	4/27/92	4/27/92	4/27/92	4/27/92	4/27/92	4/24/92
Depth	3 to 6	8 to 10	0 to 1	8 to 10	3 to 6	8 to 10	8 to 10	3 to 6
Conventionals (mg/kg dry)								
Nitrate as Nitrogen	0.6 J	1.1 J	0.7 J	0.7 J	0.5 U	0.9 J	0.5 U	1.1

Area	18	18	18	18	18	18	18
Sample ID	18-TP-538-S-3	18-TP-539-S-2	18-TP-539-S-3	18-TP-540-S-2-DAVG	18-TP-540-S-3	18-TP-541-S-2	18-TP-541-S-3
Date Sampled	4/24/92	4/24/92	4/24/92	4/24/92	4/24/92	4/24/92	4/24/92
Depth	8 to 10	3 to 6	8 to 10	3 to 6	8 to 10	3 to 6	8 to 10
Conventionals (mg/kg dry)							
Nitrate as Nitrogen	0.8	0.5 U	0.5 U	0.7	0.6	0.5 U	0.7

Table B.8-1
Area 25 - Acid Production Area Soil Metals Results

Area	25	25	25	25	25
Sample ID	25-TP-7,S-1	25-TP-7,S-2	25-TP-8,S-1	25-TP-8,S-2	25-TP-9,S-1
Date Sampled	4/15/87	4/15/87	4/15/87	4/15/87	4/15/87
Depth	0 to 3.5	3.5 to 7	0 to 3.5	3.5 to 7	0 to 3.5
TCLP Metals (mg/L)					
Lead					
Total Metals (mg/kg dry)					
Arsenic					
Cadmium					
Chromium					
Copper					
Lead	76	8 J	4000	160	120
Mercury					
Nickel					
Zinc					

Area	25	25	25	25	25
Sample ID	25-TP-9,S-2	25-TP-10,S-1	25-TP-10,S-2	25-TP-11,S-1	25-TP-11,S-2
Date Sampled	4/15/87	4/15/87	4/15/87	4/15/87	4/15/87
Depth	3.5 to 7	0 to 3.5	3.5 to 7	0 to 3.5	3.5 to 7
TCLP Metals (mg/L)					
Lead					
Total Metals (mg/kg dry)					
Arsenic					
Cadmium					
Chromium					
Copper					
Lead	71	2100	110	110	13
Mercury					
Nickel					
Zinc					

Table B.8-1
Area 25 - Acid Production Area Soil Metals Results

Area	25	25	25	25	25
Sample ID	25-TP-501-S-2-DAVG	25-TP-502-S-1	25-TP-502-S-2	25-TP-503-S-3	25-TP-503-S-4
Date Sampled	4/22/92	4/22/92	4/22/92	4/22/92	4/22/92
Depth	3 to 6	0 to 1	3 to 6	2 to 4	5 to 7
TCLP Metals (mg/L)					
Lead					
Total Metals (mg/kg dry)					
Arsenic	2.6	5.4	2.4	67	110
Cadmium	0.033	0.1	0.029	0.089	0.025
Chromium	13	15	10	10	2.9
Copper	14	12	12	43	0.27 U
Lead	29	15	5.4 U	23	62
Mercury	0.12	0.14	0.094 U	2.6	0.8 J
Nickel	17	19	14	10	2.2
Zinc	27	37	22	23 J	6.4

Area	25	25	25	25	25
Sample ID	25-TP-505-S-2	25-TP-506-S-1	25-TP-506-S-2	25-TP-509-S-1	25-TP-509-S-2
Date Sampled	4/22/92	4/22/92	4/22/92	4/22/92	4/22/92
Depth	1 to 4	0 to 1	3 to 6	0 to 1	3 to 6
TCLP Metals (mg/L)					
Lead		1.83			
Total Metals (mg/kg dry)					
Arsenic	1.5	16	2.6	15	2.2
Cadmium	0.039	0.39	1.5	0.013	0.034
Chromium	8	16	11	1.4	4.8
Copper	9.3	96	23	5	8.4
Lead	5.5 U	3100	5.6 U	180	12
Mercury	0.087 UJ	0.84 J	0.081 UJ	0.11 UJ	0.084 UJ
Nickel	17	7.7	15	0.73	3.1
Zinc	13	65	34	4.6	9.6

Table B.8-1
Area 25 - Acid Production Area Soil Metals Results

Area	25	25	25	25	25
Sample ID	25-TP-510-S-1	25-TP-510-S-2	25-TP-511-S-1	25-TP-511-S-2	25-TP-511-S-3
Date Sampled	4/22/92	4/22/92	4/22/92	4/22/92	4/22/92
Depth	0 to 1	3 to 6	0 to 1	3 to 6	8 to 10
TCLP Metals (mg/L)					
Lead					
Total Metals (mg/kg dry)					
Arsenic	9.9	1.9	3	3.6	7.1
Cadmium	0.37	0.11	1.2	0.022	0.025
Chromium	11	7.3	5.7	11	12
Copper	12	10	6.6	6.8	8.3
Lead	6.4 U	5.3 U	470	240	31
Mercury	0.1 UJ	0.078 UJ	0.65 J	0.083 UJ	0.083 UJ
Nickel	15	11	3.2	9.2	11
Zinc	32	14	6.3	14	13

Area	25	25	25	25	25
Sample ID	25-TP-514-S-3	25-TP-514-S-4	25-TP-515-S-1	25-TP-515-S-2	25-TP-516-S-1
Date Sampled	11/4/92	11/4/92	11/3/92	11/3/92	11/4/92
Depth	5 to 7	9 to 11	0 to 1	3 to 6	0 to 1
TCLP Metals (mg/L)					
Lead					
Total Metals (mg/kg dry)					
Arsenic	0.94	2.5 J	24	3.5	3.1
Cadmium		0.011			
Chromium					
Copper					
Lead	75	150	330	22	7.1 J
Mercury	0.1 UJ	0.11 U	3.1	0.33	0.1 UJ
Nickel					
Zinc					

Table B.8-1
Area 25 - Acid Production Area Soil Metals Results

Area	25	25	25	25	25
Sample ID	25-TP-516-S-3	25-TP-517-S-1	25-TP-517-S-2	25-TP-518-S-2	25-B-501-S-4-DAVG
Date Sampled	11/4/92	11/4/92	11/4/92	11/4/92	11/5/92
Depth	4 to 6	0 to 1	3 to 6	0 to 3	7.5 to 9
TCLP Metals (mg/L)					
Lead					
Total Metals (mg/kg dry)					
Arsenic	34	13	2.8 J	2.4 J	4.5
Cadmium					
Chromium					
Copper					
Lead	380	95	5.8 UJ	26 J	7.3
Mercury	0.14 J	0.19 J	0.1 UJ	0.096 UJ	0.095 U
Nickel					
Zinc					

Area	25	25	25	25	25
Sample ID	25-B-501-S-7	25-SS-503	25-SS-510	25-SS-511	25-SS-514
Date Sampled	11/5/92	10/21/93	10/21/93	10/21/93	10/21/93
Depth	15 to 16.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)					
Lead					
Total Metals (mg/kg dry)					
Arsenic	3.7 J	18	8.5	21	43
Cadmium					
Chromium					
Copper					
Lead	5.3 U	140	250	120	190
Mercury	0.11 U			0.32	
Nickel					
Zinc					

Table B.8-1
Area 25 - Acid Production Area Soil Metals Results

Area	25	25	25	25	25
Sample ID	25-SS-516	25-SS-518	25-SS-519	25-SS-520	25-SS-521
Date Sampled	10/21/93	10/21/93	10/21/93	10/21/93	10/21/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)					
Lead					
Total Metals (mg/kg dry)					
Arsenic	9.5	9.5	5.7	3	6.3
Cadmium					
Chromium					
Copper					
Lead	41	89	8.4	5.7 U	16
Mercury				0.11 U	
Nickel					
Zinc					

Area	25	25	25	25	25
Sample ID	25-SS-522	25-SS-523	25-SS-524	25-SS-525	25-SS-526
Date Sampled	10/21/93	10/21/93	10/21/93	10/21/93	10/21/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)					
Lead					
Total Metals (mg/kg dry)					
Arsenic	9	23 J	5.6 J	3.7 J	12 J
Cadmium					
Chromium					
Copper					
Lead	29	74	5.4 U	58	1800
Mercury	0.1 U		0.1 U		
Nickel					
Zinc					

Table B.8-1
Area 25 - Acid Production Area Soil Metals Results

Area	25	25	25	25	25
Sample ID	25-SS-527	25-SS-528-DAVG	25-SS-529	25-SS-530-DAVG	25-VS-1
Date Sampled	10/21/93	10/21/93	10/21/93	10/21/93	6/16/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	3 to 6
TCLP Metals (mg/L)					
Lead					
Total Metals (mg/kg dry)					
Arsenic	370 J	28 J	11 J	22	
Cadmium					
Chromium					
Copper					
Lead	41	25	51	210	5.4 U
Mercury		0.19		0.44	
Nickel					
Zinc					

Area	25	25	25	25	25
Sample ID	25-VS-8	25-VS-12	26-VS-1	36-VS-5	36-VS-9
Date Sampled	6/16/93	6/16/93	9/15/99	9/20/99	9/20/99
Depth	3 to 6	15 to 15.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)					
Lead					
Total Metals (mg/kg dry)					
Arsenic			7.1	5.9	2.1 U
Cadmium					
Chromium					
Copper					
Lead	5.4 U	5.3 U	2500 J	280	23
Mercury					
Nickel					
Zinc					

Table B.8-1
Area 25 - Acid Production Area Soil Metals Results

Area	25	25	25	25	25
Sample ID	36-VS-13	36-VS-15	36-VS-16	36-VS-17	36-VS-18
Date Sampled	9/20/99	9/20/99	9/20/99	9/20/99	9/20/99
Depth	0 to 0.5	1 to 2.5	0 to 0.5	0 to 0.5	1 to 2.5
TCLP Metals (mg/L)					
Lead					
Total Metals (mg/kg dry)					
Arsenic	120	47	91	240	330
Cadmium					
Chromium					
Copper					
Lead	93	3800	460	210	14
Mercury					
Nickel					
Zinc					

Area	25	25	25	25	25
Sample ID	36-VS-19	36-VS-20	36-VS-22	APH-SS-506	APH-SS-510
Date Sampled	10/1/99	10/1/99	10/1/99	11/12/92	11/12/92
Depth	0 to 0.5	3 to 4.5	3 to 4.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)					
Lead					
Total Metals (mg/kg dry)					
Arsenic	28	6.2	22		
Cadmium					
Chromium					
Copper					
Lead	170	11	700	150	210
Mercury					
Nickel					
Zinc					

Table B.8-1
Area 25 - Acid Production Area Soil Metals Results

Area	25	25	25	25	25
Sample ID	APH-SS-512	APH-SS-514	APH-SS-515	APH-SS-516	APH-SS-518
Date Sampled	11/12/92	11/12/92	11/12/92	11/12/92	11/12/92
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)					
Lead					
Total Metals (mg/kg dry)					
Arsenic					
Cadmium					
Chromium					
Copper					
Lead	1100	710	24	6.2 U	480
Mercury					
Nickel					
Zinc					

Area	25
Sample ID	APH-SS-519
Date Sampled	11/12/92
Depth	0 to 0.5
TCLP Metals (mg/L)	
Lead	
Total Metals (mg/kg dry)	
Arsenic	
Cadmium	
Chromium	
Copper	
Lead	120
Mercury	
Nickel	
Zinc	

Table B.8-1
Area 25 - Acid Production Area Soil Metals Results

Area	25	25	25	25
Sample ID	01-F01-SS_F-29_C2-005	01-F01-SS_F-30_C2-005	01-F01-SS_F-31_C2-005	01-F01-SS_F-32_C2-005
Date Sampled	6/12/01	6/12/01	6/12/01	6/12/01
Depth (ft bgs)	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
Total Metals (mg/kg Dry)				
Arsenic	5.6	4.1	12	13
Lead	8.5	28	37	70

Area	25	25	25	25
Sample ID	01-F01-SS_F-33_C2-005	01-F01-SS_F-34_C2-005	01-F01-SS_F-35_C2-005	01-F01-SS_F-36_C2-005
Date Sampled	6/12/01	6/12/01	6/12/01	6/12/01
Depth (ft bgs)	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
Total Metals (mg/kg Dry)				
Arsenic	3.5	4.2	7	5.4
Lead	3.6	15	18	41

Area	25	25	25	25
Sample ID	01-F01-SS_F-37_C2-005	01-F01-SS_F-38_C2-005	01-F01-SS_F-39_C2-005	01-F01-SS_F-40_C2-005
Date Sampled	6/12/01	6/12/01	6/12/01	6/12/01
Depth (ft bgs)	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
Total Metals (mg/kg Dry)				
Arsenic	13	13	12	5.5
Lead	43	93	19	40

Table B.8-1
Area 25 - Acid Production Area Soil Metals Results

Area	25	25	25	25
Sample ID	01-F01-SS_F-43_C2-005	01-F01-SS_F-44_C2-005	01-F01-SS_F-45_C2-005	01-F01-SS_F-46_C2-005
Date Sampled	6/12/01	6/12/01	6/12/01	6/14/01
Depth (ft bgs)	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
Total Metals (mg/kg Dry)				
Arsenic	7.7	7.9	9.1	7.8
Lead	53	41	67	37

Area	25	25	25	25
Sample ID	01-F01-SS_F-48_C2-005-DAVG	01-F01-SS_F-63_C2-005	01-F01-SS_F-66_C2-005	01-F01-SS_F-68_C2-005
Date Sampled	6/14/01	6/14/01	6/18/01	6/18/01
Depth (ft bgs)	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
Total Metals (mg/kg Dry)				
Arsenic	4.75	4.7	6.3	4.1
Lead	18	88	59	10

Area	25	25	25	25
Sample ID	01-F01-SS_F-69_C2-005	01-F01-SS_F-70_C2-005	01-F02-SS_F-73_C2-005	01-F02-SS_F-74_C2-005
Date Sampled	6/18/01	6/18/01	6/18/01	6/18/01
Depth (ft bgs)	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
Total Metals (mg/kg Dry)				
Arsenic	4.5	2.9	3.7	7.6
Lead	4.8	49	10	10

Table B.8-1
Area 25 - Acid Production Area Soil Metals Results

Area	25	25	25	25
Sample ID	01-F02-SS_F-75_C2-005	01-F02-SS_F-82_C2-005	01-F02-SS_F-86_C2-005	01-F02-SS_F-87_C2-005
Date Sampled	6/18/01	6/18/01	6/19/01	6/19/01
Depth (ft bgs)	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
Total Metals (mg/kg Dry)				
Arsenic	3.7	3.5	8.5	5
Lead	5.9	3	100	6.8

Area	25	25	25	25
Sample ID	01-F03-SS_F-100_C2-005	01-F03-SS_F-102_C2-005-DAVG	01-F03-SS_F-104_C2-005	01-F03-SS_F-105_C2-005
Date Sampled	6/19/01	6/20/01	6/20/01	6/20/01
Depth (ft bgs)	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
Total Metals (mg/kg Dry)				
Arsenic	7.8	6.85	5.8	8.5
Lead	23	41.5	30	95

Area	25	25	25	25
Sample ID	01-F03-SS_F-106_C2-005	01-F03-SS_F-107_C2-005	01-F03-SS_F-108_C2-005	01-F03-SS_F-109_C2-005
Date Sampled	6/20/01	6/20/01	6/20/01	6/20/01
Depth (ft bgs)	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
Total Metals (mg/kg Dry)				
Arsenic	2.9	14	9.7	7.3
Lead	38	9.9	18	22

Table B.8-1
Area 25 - Acid Production Area Soil Metals Results

Area	25	25	25	25
Sample ID	01-F03-SS_F-110_C2-005	01-F03-SS_F-111_C2-005	01-F03-SS_F-112_C2-005	01-F03-SS_F-113_C2-005
Date Sampled	6/20/01	6/20/01	6/20/01	6/20/01
Depth (ft bgs)	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
Total Metals (mg/kg Dry)				
Arsenic	7.1	11	8.2	12
Lead	75	4.6	82	26

Area	25	25	25	25
Sample ID	01-F03-SS_F-94_C2-005	01-F03-SS_F-95_C2-005	01-F03-SS_F-96_C2-005	01-F03-SS_F-97_C2-005
Date Sampled	6/19/01	6/19/01	6/19/01	6/19/01
Depth (ft bgs)	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
Total Metals (mg/kg Dry)				
Arsenic	3.9	10	2.8	5.5
Lead	7.7	89	5	83

Area	25	25	25	25
Sample ID	01-F03-SS_F-98_C2-005	01-F03-SS_F-99_C2-005	01-F04-SS_F-115_C2-005	01-F04-SS_F-116_C2-005-DAVG
Date Sampled	6/19/01	6/19/01	6/20/01	6/20/01
Depth (ft bgs)	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
Total Metals (mg/kg Dry)				
Arsenic	5.2	4.9	7.1	7.85
Lead	3.5	3.2	5.2	16

Table B.8-1
Area 25 - Acid Production Area Soil Metals Results

Area	25	25	25	25
Sample ID	01-F04-SS_F-120_C2-005	01-F04-SS_F-122_C2-005	01-F04-SS_F-123_C2-005	01-F04-SS_F-125_C2-005
Date Sampled	6/20/01	6/21/01	6/21/01	6/21/01
Depth (ft bgs)	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
Total Metals (mg/kg Dry)				
Arsenic	11	7.8	39	6.4
Lead	2.6	3.1	22	43

Area	25	25	25	25
Sample ID	01-N01-SS_NGRR-198_C2-005	01-N01-SS_NGRR-199_C2-005	01-N01-SS_NGRR-200_C2-005	01-N01-SS_NGRR-201_C2-005
Date Sampled	8/7/01	8/7/01	8/7/01	8/7/01
Depth (ft bgs)	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg Dry)				
Arsenic	13	4.6	5.2	5.3
Lead	30	7.3	55	14

Area	25	25	25	25
Sample ID	01-N01-SS_NGRR-202_C2-005	01-N01-SS_NGRR-204_C2-005	01-N01-SS_NGRR-205_C2-005	01-N01-SS_NGRR-206_C2-005
Date Sampled	8/7/01	8/7/01	8/7/01	8/7/01
Depth (ft bgs)	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg Dry)				
Arsenic	6.3	11	5.6	4.6
Lead	24	55	36	9.2

Table B.8-1
Area 25 - Acid Production Area Soil Metals Results

Area	25	25	25	25
Sample ID	01-N01-SS_NGRR-207_C2-005	01-N01-SS_NGRR-90_C2-005	01-N01-SS_NGRR-91_C2-005	01-N01-SS_NGRR-92_C2-005
Date Sampled	8/7/01	7/19/01	7/19/01	7/19/01
Depth (ft bgs)	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg Dry)				
Arsenic	6	7.2	3.1	11
Lead	51	45	3.8	22

Area	25	25	25	25
Sample ID	01-N01-SS_NGRR-93_C2-005	01-N01-SS_NGRR-94_C2-005	02-F01-SS_F-42-2_C2-030	02-F01-SS_F-67-2_C2-030
Date Sampled	7/19/01	7/19/01	8/28/01	8/28/01
Depth (ft bgs)	1.5 to 2	1.5 to 2	3 to 3.5	3 to 3.5
Total Metals (mg/kg Dry)				
Arsenic	11	14	7.4	3.4
Lead	7.5	6.5	22	22

Area	25	25	25	25
Sample ID	02-F02-SS_F-78-2_C2-030	02-F02-SS_F-84-2_C3-030-DAVG	02-F02-SS_F-85-2_C2-030	02-F02-SS_F-91-2_C2-030
Date Sampled	8/28/01	8/28/01	8/28/01	8/28/01
Depth (ft bgs)	3 to 3.5	3 to 3.5	3 to 3.5	3 to 3.5
Total Metals (mg/kg Dry)				
Arsenic	4.5	4.2	6.9	6.2
Lead	100	82.5	80	62

Table B.8-1
Area 25 - Acid Production Area Soil Metals Results

Area	25	25	25	25
Sample ID	02-F02-SS_F-92-2_C2-030	02-F03-SS_F-101-2_C2-030	02-F04-SS_F-118-2_C2-030	02-F04-SS_F-119-2_C2-030
Date Sampled	8/28/01	8/28/01	8/28/01	8/28/01
Depth (ft bgs)	3 to 3.5	3 to 3.5	3 to 3.5	3 to 3.5
Total Metals (mg/kg Dry)				
Arsenic	3.9	3.7	14	31
Lead	49	7.5	3.9	25

Area	25	25	25	25
Sample ID	02-F04-SS_F-121-2_C2-030	02-F04-SS_F-124-2_C2-030	02-N01-SS_NGRR-196-2_C2-025	02-N01-SS_NGRR-197-2_C2-025
Date Sampled	8/28/01	8/28/01	8/28/01	8/28/01
Depth (ft bgs)	3 to 3.5	3 to 3.5	2.5 to 3	2.5 to 3
Total Metals (mg/kg Dry)				
Arsenic	34	12	16	5.1
Lead	21	45	81	10

Area	25	25	25	25
Sample ID	02-N01-SS_NGRR-203-2_C2-025	02-N01-SS_NGRR-276-2_C2-025	02-N01-SS_NGRR-279-2_C2-025-DAV	02-N01-SS_NGRR-281-2_C2-025
Date Sampled	8/28/01	8/28/01	8/30/01	8/30/01
Depth (ft bgs)	2.5 to 3	2.5 to 3	2.5 to 3	2.5 to 3
Total Metals (mg/kg Dry)				
Arsenic	16	7.2	12.5	35
Lead	37	97	26.5	40 J

Table B.8-1
Area 25 - Acid Production Area Soil Metals Results

Area	25	25	25	25
Sample ID	03-F01-SS-_F-47-3_-C2-050	03-F02-SS-_F-76-3_-C2-050-DAVG	03-F02-SS-_F-88-3_-C2-050	04-F01-SS-_F-64-4_-C2-060
Date Sampled	9/13/01	9/13/01	9/13/01	9/19/01
Depth (ft bgs)	4 to 4.5	4 to 4.5	4 to 4.5	5 to 5.5
Total Metals (mg/kg Dry)				
Arsenic	7.7	6.15	5.6	4.9
Lead	6.1	24.5	62	66

Area	25	25	25	25
Sample ID	04-F02-SS-_F-72-4_-C2-060	04-F02-SS-_F-77-4_-C2-060	04-F02-SS-_F-79-4_-C2-060	04-F02-SS-_F-80-4_-C2-060
Date Sampled	9/19/01	9/19/01	9/19/01	9/19/01
Depth (ft bgs)	5 to 5.5	5 to 5.5	5 to 5.5	5 to 5.5
Total Metals (mg/kg Dry)				
Arsenic	3.3	2.7	9.6	12
Lead	23	40	290	520

Area	25	25	25	25
Sample ID	04-F02-SS-_F-81-4_-C2-060	04-F02-SS-_F-89-4_-C2-060-DAVG	04-F02-SS-_F-90-4_-C2-060-DAVG	RR-510-DAVG
Date Sampled	9/19/01	9/19/01	9/19/01	4/1/93
Depth (ft bgs)	5 to 5.5	5 to 5.5	5 to 5.5	0 to 0.5
Total Metals (mg/kg Dry)				
Arsenic	8	7.05	6.9	15
Lead	65	86.5	355	

Table B.8-1
Area 25 - Acid Production Area Soil Metals Results

Area	25	25	25	25	25	25
Sample ID	RR-525	RR-526	SA1-28-50	SA1-28-51	SA1-29-49	SA1-29-50
Date Sampled			10/14/99	10/14/99	10/14/99	10/14/99
Depth (ft bgs)	0 to 0.5	0 to 0.5	3 to 6.5	3 to 6.5	3 to 6.5	3 to 6.5
Total Metals (mg/kg Dry)						
Arsenic	22 J	14 J	6.9	18	17	17
Lead			220	120	180	520

Area	25	25	25	25	25	25
Sample ID	SA1-29-51	SA1-30-49	SA1-30-50	SA1-30-51	SA1-31-48	SA1-31-49
Date Sampled	10/14/99	10/14/99	10/14/99	10/14/99	10/14/99	10/14/99
Depth (ft bgs)	3 to 6.5	3 to 6.5	3 to 6.5	3 to 6.5	3 to 6.5	3 to 6.5
Total Metals (mg/kg Dry)						
Arsenic	13	2.1 U	5.5	37	1.9 U	2.1 U
Lead	640	26	230	61	1.4	17

Area	25	25	25	25	25	25
Sample ID	SA1-31-50	SA1-31-51	SA1-32-48	SA1-32-49	SA1-32-50	SA1-32-51
Date Sampled	10/14/99	10/14/99	10/14/99	10/14/99	10/14/99	10/14/99
Depth (ft bgs)	3 to 6.5	3 to 6.5	3 to 6.5	3 to 6.5	3 to 6.5	3 to 6.5
Total Metals (mg/kg Dry)						
Arsenic	8	8.6	9.7	3.4	3	3.2
Lead	320	310	76	41	180	100

Table B.8-1
Area 25 - Acid Production Area Soil Metals Results

Area	25	25	25	25	25	25
Sample ID	SA1-33-48	SA1-33-49	SA1-33-50	SA1-33-51	SA1-33-52	SA1-34-47
Date Sampled	10/14/99	10/14/99	10/14/99	10/14/99	10/14/99	10/14/99
Depth (ft bgs)	3 to 6.5	3 to 6.5	3 to 6.5	3 to 6.5	3 to 6.5	3 to 6.5
Total Metals (mg/kg Dry)						
Arsenic	3.5	2.1 U	17	4.1	6.7	1.9 U
Lead	36	4.8	230	680	120	3.9

Area	25	25	25	25	25	25
Sample ID	SA1-34-48	SA1-34-49	SA1-34-50	SA1-34-51	SA1-34-52	SA1-35-47
Date Sampled	10/14/99	10/14/99	10/14/99	10/14/99	10/14/99	10/14/99
Depth (ft bgs)	3 to 6.5	3 to 6.5	3 to 6.5	3 to 6.5	3 to 6.5	3 to 6.5
Total Metals (mg/kg Dry)						
Arsenic	4	4.6	3.9	2.4 U	12	4.4
Lead	47	100	1000	58	51	26

Area	25	25	25	25	25
Sample ID	SA1-35-48	SA1-35-49	SA1-36-47	SA1-36-48	SA1-36-49
Date Sampled	10/14/99	10/14/99	10/14/99	10/14/99	10/14/99
Depth (ft bgs)	3 to 6.5	3 to 6.5	3 to 6.5	3 to 6.5	3 to 6.5
Total Metals (mg/kg Dry)					
Arsenic	8.2	16	8.2	22	20
Lead	170	310	150	150	330

Table B.8-2
Area 25 - Acid Production Area Soil Explosives Results

Area	25	25	25	25	25
Sample ID	25-TP-501-S-2-DAVG	25-TP-501-S-3	25-TP-502-S-2	25-TP-502-S-3	25-TP-524-S-1
Date Sampled	4/22/92	4/22/92	4/22/92	4/22/92	11/2/92
Depth	3 to 6	8 to 10	3 to 6	8 to 10	0 to 1
Explosive (mg/kg dry)					
1,3,5-Trinitrobenzene					0.064 U
1,3-Dinitrobenzene					0.085 U
2,4,6-Trinitrotoluene					0.0064 U
2,4-Dinitrotoluene					0.013 U
2,6-Dinitrotoluene					0.013 U
DNT - Total					0.026 U
Nitrobenzene					0.13 U
Nitroglycerine	0.22 U	0.21 U	0.22 U	0.21 U	

Area	25	25	25	25	25
Sample ID	25-TP-524-S-2	25-TP-524-S-3	25-VS-1-DAVG	25-VS-2	25-VS-4
Date Sampled	11/2/92	11/2/92	6/16/93	6/16/93	6/16/93
Depth	3 to 6	8 to 10	3 to 6	3 to 6	3 to 6
Explosive (mg/kg dry)					
1,3,5-Trinitrobenzene	0.032 U	0.031 U	0.033 U	0.032 U	0.032 U
1,3-Dinitrobenzene	0.043 U	0.042 U	0.044 U	0.043 U	0.042 U
2,4,6-Trinitrotoluene	0.0032 U	0.0031 U	0.0033 U	0.0032 U	0.0032 U
2,4-Dinitrotoluene	0.0064 U	0.0063 U	0.007 U	0.006 U	0.006 U
2,6-Dinitrotoluene	0.0064 U	0.0063 U	0.007 U	0.006 U	0.006 U
DNT - Total	0.0128 U	0.0126	0.014	0.012 U	0.012 U
Nitrobenzene	0.063 U	0.062 U	0.066 U	0.064 U	0.063 U
Nitroglycerine					

Table B.8-2
Area 25 - Acid Production Area Soil Explosives Results

Area	25	25	25	25	25
Sample ID	25-VS-5	25-VS-6	25-VS-7	25-VS-8	25-VS-9
Date Sampled	6/16/93	6/16/93	6/16/93	6/16/93	6/16/93
Depth	9 to 12	3 to 6	3 to 3.5	3 to 6	9 to 12
Explosive (mg/kg dry)					
1,3,5-Trinitrobenzene	0.032 U	0.031 U	0.032 U	0.033 U	0.032 U
1,3-Dinitrobenzene	0.043 U	0.042 U	0.043 U	0.044 U	0.043 U
2,4,6-Trinitrotoluene	0.0032 U	0.0031 U	0.0032 U	0.0033 U	0.0032 U
2,4-Dinitrotoluene	0.006 U	0.006 U	0.006 J	0.002 J	0.006 U
2,6-Dinitrotoluene	0.006 U	0.006 U	0.017	0.003 J	0.003 J
DNT - Total	0.012 U	0.012 U	0.023	0.005	0.006
Nitrobenzene	0.064 U	0.063 U	0.064 U	0.065 U	0.064 U
Nitroglycerine					

Area	25	25	25	25	25
Sample ID	25-VS-10	25-VS-12-DAVG	25-VS-13	25-VS-14	25-VS-29
Date Sampled	6/16/93	6/16/93	6/16/93	6/16/93	4/13/94
Depth	2 to 2.5	15 to 15.5	15 to 15.5	15 to 15.5	27 to 29
Explosive (mg/kg dry)					
1,3,5-Trinitrobenzene	0.62 U	0.64 U	32 U	0.032 U	0.072
1,3-Dinitrobenzene	0.83 U	0.85 U	43 U	0.043 U	0.042 U
2,4,6-Trinitrotoluene	0.062 U	0.064 U	7.4	0.025	0.0032
2,4-Dinitrotoluene	0.12 U	0.59	6.4 U	0.95	0.21
2,6-Dinitrotoluene	0.12 U	0.52	1.9	0.2	0.089
DNT - Total	0.24 U	1.11	5.1	1.15	0.299
Nitrobenzene	1.2 U	1.3 U	64 U	0.064 U	0.062 U
Nitroglycerine					

Table B.8-2
Area 25 - Acid Production Area Soil Explosives Results

Area	25	25	25	25
Sample ID	**25-VS-30**	**25-VS-25**	**25-VS-26**	**25-VS-27**
Date Sampled	**4/28/94**	**4/5/94**	**4/5/94**	**4/13/94**
Depth	**37 to 37.5**	**24 to 26**	**24 to 26**	**27 to 29**
Explosive (mg/kg dry)				
1,3,5-Trinitrobenzene	0.033 U	0.62	0.05	0.032 U
1,3-Dinitrobenzene	0.044 U	0.24 U	0.042 U	0.042 U
2,4,6-Trinitrotoluene	0.088	0.3	0.025	0.012
2,4-Dinitrotoluene	0.059	0.23	0.028	0.01
2,6-Dinitrotoluene	0.08	0.55	0.043	0.022
DNT - Total	0.139	0.78	0.71	0.32
Nitrobenzene	0.066 U	0.36 U	0.063 U	0.063 U
Nitroglycerine				

Table B.8-3
Area 25 - Acid Production Area Soil VOC, SVOC, and PAH Results

Area	25
Sample ID	25-TP-504-S-2
Date Sampled	4/22/92
Depth	0 to 3
PAHs (mg/kg dry)	
Benzo(a)Anthracene	0.17 U
Benzo(a)Pyrene	0.17 U
Benzo(b)Fluoranthene	0.17 U
Benzo(k)Fluoranthene	0.17 U
Chrysene	0.17 U
Dibenzo(a,h)Anthracene	0.17 U
Indeno(1,2,3-c,d)Pyrene	0.17 U
2-Methylnaphthalene	0.17 U
Acenaphthene	0.17 U
Acenaphthylene	0.17 U
Anthracene	0.17 U
Benzo(g,h,i)Perylene	0.17 U
Fluoranthene	0.17 U
Fluorene	0.17 U
Naphthalene	0.17 U
Phenanthrene	0.17 U
Pyrene	0.17 U
Semivolatiles (mg/kg dry)	
1,2,4-Trichlorobenzene	0.17 U
1,2-Dichlorobenzene	0.17 U
1,3-Dichlorobenzene	0.17 U
1,4-Dichlorobenzene	0.17 U
2,4,5-Trichlorophenol	0.89 U
2,4,6-Trichlorophenol	0.17 U
2,4-Dichlorophenol	0.17 U
2,4-Dimethylphenol	0.17 U
2,4-Dinitrophenol	0.89 U
2-Chloronaphthalene	0.17 U
2-Chlorophenol	0.17 U
2-Methylphenol	0.17 U
2-Nitroaniline	0.89 U
2-Nitrophenol	0.17 U
3,3'-Dichlorobenzidine	0.36 U
3-Nitroaniline	0.89 U
4,6-Dinitro-2-Methylphenol	0.89 U
4-Bromophenyl Phenyl Ether	0.17 U
4-Chloroaniline	0.17 U
4-Chlorophenyl-Phenylether	0.17 U
4-Methylphenol	0.17 U
4-Nitroaniline	0.89 U
4-Nitrophenol	0.89 U
Aniline	0.17 U
Benzidine	1.7 U
Benzoic Acid	0.89 U
Benzyl Alcohol	0.17 U
Bis(2-Chloroethoxy) Methane	0.17 U
Bis(2-Chloroethyl) Ether	0.17 U
Bis(2-Chloroisopropyl) Ether	0.17 U
Bis(2-Ethylhexyl)Phthalate	0.17 U

Table B.8-3
Area 25 - Acid Production Area Soil VOC, SVOC, and PAH Results

Area	25
Sample ID	25-TP-504-S-2
Date Sampled	4/22/92
Depth	0 to 3
Butylbenzylphthalate	0.17 U
Di-N-Butylphthalate	0.17 U
Di-N-Octylphthalate	0.17 U
Dibenzofuran	0.17 U
Diethylphthalate	0.17 U
Dimethylphthalate	0.17 U
Hexachlorobenzene	0.17 U
Hexachlorobutadiene	0.17 U
Hexachlorocyclopentadiene	0.17 U
Hexachloroethane	0.17 U
Isophorone	0.17 U
N-Nitroso-Di-Phenylamine	0.17 U
N-Nitroso-Di-Propylamine	0.17 U
N-Nitroso-Dimethylamine	0.17 U
Pentachlorophenol	0.17 U
Phenol	0.17 U
Volatiles (mg/kg dry)	
1,1,1-Trichloroethane	0.052 U
1,1,2,2-Tetrachloroethane	0.052 U
1,1,2-Trichloroethane	0.052 U
1,1-Dichloroethane	0.052 U
1,1-Dichloroethene	0.052 U
1,2-Dichloroethane	0.052 U
1,2-Dichloroethene(Total)	0.052 U
1,2-Dichloropropane	0.052 U
1,3(cis)-Dichloropropene	0.052 U
1,3(trans)-Dichloropropene	0.052 U
2-Butanone	0.52 U
2-Hexanone	0.52 U
4-Methyl-2-Pentanone	0.52 U
Acetone	1.6 U
Benzene	0.052 U
Bromodichloromethane	0.052 U
Bromoform	0.26 U
Bromomethane	0.52 U
Carbon Disulfide	0.052 U
Carbon Tetrachloride	0.052 U
Chlorobenzene	0.052 U
Chloroethane	0.052 U
Chloroform	0.052 U
Chloromethane	0.52 U
Dibromochloromethane	0.052 U
Ethylbenzene	0.052 U
Methylene Chloride	0.34 U
Styrene	0.052 U
Tetrachloroethene	0.052 U
Toluene	0.052 U
Trichloroethene	0.052 U
Vinyl Acetate	0.52 U
Vinyl Chloride	0.052 U
Xylene(Total)	0.052 U

Table B.9-1
Area 26 - Waste Acid Recovery Area and Kettle Soil Metals Results

Area	26	26	26
Sample ID	01-F11-SS_F-247_C2-005	01-F35-SS_F-241_C2-005	01-F35-SS_F-242_C2-005
Date Sampled	8/14/01	8/14/01	8/14/01
Depth	2 to 2.5	2 to 2.5	2 to 2.5
Metals			
Antimony			
Arsenic	15	6	8.3
Cadmium			
Chromium			
Copper			
Lead	93	12	25
Mercury			
Nickel			
Zinc			

Area	26	26	26
Sample ID	01-F35-SS_F-243_C2-005	01-N01-SS_NGRR-277_C2-005	01-N01-SS_NGRR-278_C2-005
Date Sampled	8/14/01	8/14/01	8/14/01
Depth	2 to 2.5	1.5 to 2	1.5 to 2
Metals			
Antimony			
Arsenic	24	20	34
Cadmium			
Chromium			
Copper			
Lead	68	15	110
Mercury			
Nickel			
Zinc			

Table B.9-1
Area 26 - Waste Acid Recovery Area and Kettle Soil Metals Results

Area	26	26	26
Sample ID	01-N01-SS_NGRR-87_C2-005	01-N01-SS_NGRR-88_C2-005	01-N01-SS_NGRR-89_C2-005
Date Sampled	7/19/01	7/19/01	7/19/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2
Metals			
Antimony			
Arsenic	3.4	3.9	37
Cadmium			
Chromium			
Copper			
Lead	5.1	7.5	25
Mercury			
Nickel			
Zinc			

Area	26	26	26
Sample ID	02-F11-SS_F-246-2_C2-030	02-F11-SS_F-248-2_C2-030	02-F11-SS_F-253-2_C2-030
Date Sampled	8/29/01	8/29/01	8/29/01
Depth	3 to 3.5	3 to 3.5	3 to 3.5
Metals			
Antimony			
Arsenic	6.4 J	4.8 J	24 J
Cadmium			
Chromium			
Copper			
Lead	38	96	65
Mercury			
Nickel			
Zinc			

Table B.9-1
Area 26 - Waste Acid Recovery Area and Kettle Soil Metals Results

Area	26	26	26
Sample ID	02-F11-SS_F-255-2_C2-030	02-F11-SS_F-256-2_C2-030	02-F11-SS_F-257-2_C2-030
Date Sampled	8/29/01	8/29/01	8/29/01
Depth	3 to 3.5	3 to 3.5	3 to 3.5
Metals			
Antimony			
Arsenic	11 J	4.9	4.3
Cadmium			
Chromium			
Copper			
Lead	47	9.5	60
Mercury			
Nickel			
Zinc			

Area	26	26	26
Sample ID	03-F11-SS-_F-244-3_-C2-050	03-F11-SS-_F-245-3_-C2-050	03-F11-SS-_F-249-3_-C2-050
Date Sampled	9/10/01	9/10/01	9/10/01
Depth	4 to 4.5	4 to 4.5	4 to 4.5
Metals			
Antimony			
Arsenic	5.1	5.6	39
Cadmium			
Chromium			
Copper			
Lead	120	8.5	190
Mercury			
Nickel			
Zinc			

Table B.9-1
Area 26 - Waste Acid Recovery Area and Kettle Soil Metals Results

Area	26	26	26
Sample ID	03-F11-SS-_F-251-3_-C2-050	03-F11-SS-_F-252-3_-C2-050	03-F11-SS-_F-254-3_-C2-050
Date Sampled	9/10/01	9/10/01	9/10/01
Depth	4 to 4.5	4 to 4.5	4 to 4.5
Metals			
Antimony			
Arsenic	3.9	7	19
Cadmium			
Chromium			
Copper			
Lead	51	360	170
Mercury			
Nickel			
Zinc			

Area	26	26	26
Sample ID	26-B-1,S-2	26-B-2,S-1	26-B-2,S-10
Date Sampled	11/26/86	4/21/87	4/21/87
Depth	5 to 6.5	2.5 to 4	25 to 26.5
Metals			
Antimony	3 U		
Arsenic			
Cadmium			
Chromium	19		
Copper			
Lead	1200	1300	470
Mercury			
Nickel			
Zinc			

Table B.9-1
Area 26 - Waste Acid Recovery Area and Kettle Soil Metals Results

Area	26	26	26
Sample ID	26-B-2,S-3	26-B-2,S-4-DAVG	26-B-2,S-6
Date Sampled	4/21/87	4/21/87	4/21/87
Depth	7.5 to 9	10 to 11.5	5 to 6.5
Metals			
Antimony			
Arsenic			
Cadmium			
Chromium			
Copper			
Lead	480	220	570
Mercury			
Nickel			
Zinc			

Area	26	26	26
Sample ID	26-B-2,S-8	26-B-2,S-9	26-B-3,S-1
Date Sampled	4/21/87	4/21/87	4/23/87
Depth	20 to 21	22.5 to 24	2.5 to 4
Metals			
Antimony			
Arsenic			
Cadmium			
Chromium			
Copper			
Lead	610	550	2200
Mercury			
Nickel			
Zinc			

Table B.9-1
Area 26 - Waste Acid Recovery Area and Kettle Soil Metals Results

Area	26	26	26
Sample ID	26-B-3,S-2	26-B-3,S-4	26-B-3,S-6-DAVG
Date Sampled	4/23/87	4/24/87	4/24/87
Depth	5 to 6.5	10 to 11.5	15 to 16.5
Metals			
Antimony			
Arsenic			
Cadmium			
Chromium			
Copper			
Lead	580	660	1800
Mercury			
Nickel			
Zinc			

Area	26	26	26
Sample ID	26-B-4,S-1	26-B-4,S-2	26-B-4,S-4
Date Sampled	4/22/87	4/22/87	4/23/87
Depth	2.5 to 4	5 to 7.5	10 to 11
Metals			
Antimony			
Arsenic			
Cadmium			
Chromium			
Copper			
Lead	130	160	650
Mercury			
Nickel			
Zinc			

Table B.9-1
Area 26 - Waste Acid Recovery Area and Kettle Soil Metals Results

Area	26	26	26
Sample ID	26-B-4,S-5-DAVG	26-B-5,S-1	26-B-5,S-2
Date Sampled	4/23/87	4/22/87	4/22/87
Depth	12.5 to 13.5	2.5 to 4	5 to 6.5
Metals			
Antimony			
Arsenic			
Cadmium			
Chromium			
Copper			
Lead	700	220	1000
Mercury			
Nickel			
Zinc			

Area	26	26	26
Sample ID	26-B-5,S-4	26-B-5,S-6	26-B-501-S-1A
Date Sampled	4/22/87	4/22/87	2/26/92
Depth	10 to 11.5	15 to 15.5	2.5 to 4
Metals			
Antimony			
Arsenic			7.1
Cadmium			0.037 J
Chromium			7.4
Copper			11
Lead	27	33	210
Mercury			0.5 J
Nickel			2.7
Zinc			7.9

Table B.9-1
Area 26 - Waste Acid Recovery Area and Kettle Soil Metals Results

Area	26	26	26
Sample ID	26-B-501-S-1-DAVG	26-B-501-S-2-DAVG	26-B-501-S-3
Date Sampled	2/26/92	2/26/92	2/26/92
Depth	0 to 1	5 to 8	10 to 11.5
Metals			
Antimony			
Arsenic	5.8 J		
Cadmium	0.1 J		
Chromium	10		
Copper	22		
Lead	560	220	20
Mercury	0.94 J		
Nickel	4.8		
Zinc	27		

Area	26	26	26
Sample ID	26-B-501-S-4	26-B-501-S-5A	26-B-501-S-7
Date Sampled	2/26/92	2/26/92	2/26/92
Depth	16.5 to 18	23 to 24.5	30 to 31.5
Metals			
Antimony			
Arsenic			
Cadmium			
Chromium			
Copper			
Lead	11	40	5.2 U
Mercury			
Nickel			
Zinc			

Table B.9-1
Area 26 - Waste Acid Recovery Area and Kettle Soil Metals Results

Area	26	26	26
Sample ID	26-B-502-S-1	26-B-502-S-1A	26-B-502-S-2
Date Sampled	2/26/92	2/26/92	2/26/92
Depth	0 to 1	2.5 to 4	5 to 8
Metals			
Antimony			
Arsenic	12.6 J	14	
Cadmium	2.8 J	0.25 J	
Chromium	24	10	
Copper	190	22	
Lead	850	200	60
Mercury	4.6 J	1.8 J	
Nickel	22	10	
Zinc	540	42	

Area	26	26	26
Sample ID	26-B-502-S-3	26-B-502-S-4	26-B-502-S-5A
Date Sampled	2/26/92	2/26/92	2/26/92
Depth	11.5 to 13	15 to 16.5	23 to 24.5
Metals			
Antimony			
Arsenic			
Cadmium			
Chromium			
Copper			
Lead	27	46	120
Mercury			
Nickel			
Zinc			

Table B.9-1
Area 26 - Waste Acid Recovery Area and Kettle Soil Metals Results

Area	26	26	26
Sample ID	26-B-502-S-7	26-B-503-S-11	26-B-503-S-13
Date Sampled	2/26/92	7/10/92	7/10/92
Depth	30 to 33	50 to 51.5	60 to 61.5
Metals			
Antimony			
Arsenic			
Cadmium			
Chromium			
Copper			
Lead	53	5.3 U	5.3 U
Mercury			
Nickel			
Zinc			

Area	26	26	26
Sample ID	26-B-503-S-16	26-B-503-S-1A	26-B-503-S-1-DAVG
Date Sampled	7/13/92	7/10/92	7/10/92
Depth	75 to 76.5	1 to 2.5	0 to 1
Metals			
Antimony			
Arsenic		6.3	5.7
Cadmium		0.066	0.27
Chromium		7.9	9
Copper		8.8	56
Lead	11	310	25000
Mercury		6.7	8.8
Nickel		1.2	6
Zinc		3.1	26

Table B.9-1
Area 26 - Waste Acid Recovery Area and Kettle Soil Metals Results

Area	26	26	26
Sample ID	26-B-503-S-2A	26-B-503-S-2C	26-B-503-S-3
Date Sampled	7/10/92	7/10/92	7/10/92
Depth	5 to 5.7	8 to 9.5	10 to 11.5
Metals			
Antimony			
Arsenic			
Cadmium			
Chromium			
Copper			
Lead	2500	730	110
Mercury			
Nickel			
Zinc			

Area	26	26	26
Sample ID	26-B-503-S-5-DAVG	26-B-503-S-6	26-B-503-S-8A
Date Sampled	7/10/92	7/10/92	7/10/92
Depth	20 to 21.5	25 to 26.5	37.5 to 39
Metals			
Antimony			
Arsenic			
Cadmium			
Chromium			
Copper			
Lead	46	37	7.3
Mercury			
Nickel			
Zinc			

Table B.9-1
Area 26 - Waste Acid Recovery Area and Kettle Soil Metals Results

Area	26	26	26
Sample ID	26-B-6,S-1	26-B-6,S-2	26-B-6,S-4
Date Sampled	4/21/87	4/21/87	4/21/87
Depth	2.5 to 4	5 to 6.5	10 to 11
Metals			
Antimony			
Arsenic			
Cadmium			
Chromium			
Copper			
Lead	210	150	27
Mercury			
Nickel			
Zinc			

Area	26	26	26
Sample ID	26-B-6,S-6	26-B-6,S-7	26-HA-501-S-1
Date Sampled	4/21/87	4/21/87	6/30/92
Depth	15 to 16.5	17.5 to 9	0 to 1
Metals			
Antimony			
Arsenic			4.8
Cadmium			0.097 J
Chromium			12
Copper			16
Lead	12	12	170
Mercury			0.34
Nickel			14
Zinc			23

Table B.9-1
Area 26 - Waste Acid Recovery Area and Kettle Soil Metals Results

Area	26	26	26
Sample ID	26-HA-501-S-2	26-HA-503-S-2	26-HA-504-S-1
Date Sampled	6/30/92	6/30/92	6/30/92
Depth	1 to 2	1 to 2	0 to 1
Metals			
Antimony			
Arsenic			
Cadmium			
Chromium			
Copper			
Lead	220	1400	100
Mercury			
Nickel			
Zinc			

Area	26	26	26
Sample ID	26-HA-504-S-2	26-SS-403	26-SS-404
Date Sampled	6/30/92	11/11/93	11/11/93
Depth	1 to 2	0 to 0.5	0 to 0.5
Metals			
Antimony			
Arsenic		13	16
Cadmium			
Chromium			
Copper			
Lead	350		
Mercury			
Nickel			
Zinc			

Table B.9-1
Area 26 - Waste Acid Recovery Area and Kettle Soil Metals Results

Area	26	26	26
Sample ID	26-SS-405-DAVG	26-SS-501	26-SS-502-DAVG
Date Sampled	11/30/93	3/23/92	3/23/92
Depth	0 to 0.5	0 to 0.5	0 to 0.5
Metals			
Antimony			
Arsenic	50		
Cadmium			
Chromium			
Copper			
Lead		5.7 U	120
Mercury			
Nickel			
Zinc			

Area	26	26	26
Sample ID	26-SS-503	26-SS-504	26-TP-501-S-1-DAVG
Date Sampled	3/23/92	3/23/92	3/23/92
Depth	0 to 0.5	0 to 0.5	0 to 1
Metals			
Antimony			
Arsenic			24
Cadmium			0.15
Chromium			22
Copper			32
Lead	37	26	440
Mercury			0.5
Nickel			17
Zinc			42

Table B.9-1
Area 26 - Waste Acid Recovery Area and Kettle Soil Metals Results

Area	26	26	26
Sample ID	26-TP-501-S-2-DAVG	26-TP-501-S-3	26-TP-502-S-1
Date Sampled	3/23/92	3/23/92	3/23/92
Depth	3 to 6	8 to 10	0 to 1
Metals			
Antimony			
Arsenic	3.4		0.92
Cadmium	0.069		0.012 U
Chromium	14		7.1
Copper	16		16
Lead	40	5.5 U	840
Mercury	0.09 U		0.088 U
Nickel	19		3.2
Zinc	32		4.5

Area	26	26	26
Sample ID	26-TP-502-S-2-DAVG	26-TP-502-S-3	26-TP-503-S-1
Date Sampled	3/23/92	3/23/92	3/23/92
Depth	3 to 6	8 to 10	0 to 1
Metals			
Antimony			
Arsenic	1.7		
Cadmium	0.012 U		
Chromium	8.6		
Copper	4.1		
Lead	480	160	64
Mercury	0.088 U		
Nickel	4.8		
Zinc	7		

Table B.9-1
Area 26 - Waste Acid Recovery Area and Kettle Soil Metals Results

Area	26	26	26
Sample ID	26-TP-503-S-2	26-TP-503-S-3	26-TP-504-S-1
Date Sampled	3/23/92	3/23/92	3/23/92
Depth	3 to 6	8 to 10	0 to 1
Metals			
Antimony			
Arsenic			15
Cadmium			0.39
Chromium			17
Copper			16
Lead	5.3 U	8.3	10
Mercury			0.1 U
Nickel			23
Zinc			42

Area	26	26	26
Sample ID	26-TP-504-S-2	26-TP-504-S-3	26-TP-505-S-1
Date Sampled	3/23/92	3/23/92	3/23/92
Depth	3 to 6	8 to 10	0 to 1
Metals			
Antimony			
Arsenic	1.5		
Cadmium	0.029		
Chromium	24		
Copper	22		
Lead	6 U	6.4	43
Mercury	0.074 U		
Nickel	24		
Zinc	39		

Table B.9-1
Area 26 - Waste Acid Recovery Area and Kettle Soil Metals Results

Area	26	26	26
Sample ID	26-TP-505-S-2	26-TP-505-S-3	26-TP-506-S-1
Date Sampled	3/23/92	3/23/92	3/24/92
Depth	3 to 6	8 to 10	0 to 1
Metals			
Antimony			
Arsenic			
Cadmium			
Chromium			
Copper			
Lead	9	5.1 U	6.5 U
Mercury			
Nickel			
Zinc			

Area	26	26	26
Sample ID	26-TP-506-S-2	26-TP-506-S-3	26-TP-507-S-1
Date Sampled	3/24/92	3/24/92	3/24/92
Depth	3 to 6	8 to 10	0 to 1
Metals			
Antimony			
Arsenic			
Cadmium			
Chromium			
Copper			
Lead	5.4 U	5.2 U	150
Mercury			
Nickel			
Zinc			

Table B.9-1
Area 26 - Waste Acid Recovery Area and Kettle Soil Metals Results

Area	26	26	26
Sample ID	26-TP-507-S-2	26-TP-507-S-3	26-TP-508-S-2
Date Sampled	3/24/92	3/24/92	3/24/92
Depth	3 to 6	8 to 10	3 to 6
Metals			
Antimony			
Arsenic			
Cadmium			
Chromium			
Copper			
Lead	5.3 U	5.4 U	9.44
Mercury			
Nickel			
Zinc			

Area	26	26	26
Sample ID	26-TP-508-S-3	26-TP-509-S-2	26-TP-509-S-3
Date Sampled	3/24/92	3/24/92	3/24/92
Depth	8 to 10	3 to 6	8 to 10
Metals			
Antimony			
Arsenic			
Cadmium			
Chromium			
Copper			
Lead	230	5.5 U	22
Mercury			
Nickel			
Zinc			

Table B.9-1
Area 26 - Waste Acid Recovery Area and Kettle Soil Metals Results

Area	26	26	26
Sample ID	26-TP-510-S-1-DAVG	26-TP-510-S-2	26-TP-510-S-3
Date Sampled	3/24/92	3/24/92	3/24/92
Depth	0 to 1	3 to 6	8 to 10
Metals			
Antimony			
Arsenic		1.6	
Cadmium		0.03	
Chromium		6.5	
Copper		12	
Lead	240	9.2	54
Mercury		0.075 U	
Nickel		11	
Zinc		16	

Area	26	26	26
Sample ID	26-TP-511-S-2A	26-TP-511-S-3	26-TP-512-S-2
Date Sampled	3/25/92	3/25/92	3/25/92
Depth	4 to 6	8 to 10	3 to 6
Metals			
Antimony			
Arsenic	2.8		
Cadmium	0.068		
Chromium	12		
Copper	9.2		
Lead	830	160	5 U
Mercury	0.078 U		
Nickel	9.1		
Zinc	20		

Table B.9-1
Area 26 - Waste Acid Recovery Area and Kettle Soil Metals Results

Area	26	26	26
Sample ID	26-TP-512-S-23	26-TP-513-S-2	26-TP-513-S-3
Date Sampled	3/25/92	3/25/92	3/25/92
Depth	8 to 10	3 to 6	8 to 10
Metals			
Antimony			
Arsenic		3.8	
Cadmium		0.037	
Chromium		4.8	
Copper		6.5	
Lead	10 U	5.1 U	4.7 U
Mercury		0.089 U	
Nickel		6.3	
Zinc		17	

Area	26	26	26
Sample ID	26-TP-519-S-1	26-TP-519-S-2	26-TP-520-S-1
Date Sampled	6/30/92	6/30/92	6/30/92
Depth	0 to 1	1 to 2	0 to 1
Metals			
Antimony			
Arsenic			
Cadmium			
Chromium			
Copper			
Lead	48	5.5 U	29
Mercury			
Nickel			
Zinc			

Table B.9-1
Area 26 - Waste Acid Recovery Area and Kettle Soil Metals Results

Area	26	26	26
Sample ID	26-TP-520-S-2	26-TP-521-S-1	26-TP-521-S-2
Date Sampled	6/30/92	6/30/92	6/30/92
Depth	1 to 2	0 to 1	1 to 2
Metals			
Antimony			
Arsenic			
Cadmium			
Chromium			
Copper			
Lead	7.2	710	11
Mercury			
Nickel			
Zinc			

Area	26	26	26
Sample ID	26-TP-522-S-1-DAVG	26-TP-522-S-2	26-VS-10
Date Sampled	6/30/92	6/30/92	9/15/99
Depth	0 to 1	1 to 2	0 to 0.5
Metals			
Antimony			
Arsenic			12
Cadmium			
Chromium			
Copper			
Lead	21	5.3 U	1700 J
Mercury			
Nickel			
Zinc			

Table B.9-1
Area 26 - Waste Acid Recovery Area and Kettle Soil Metals Results

Area	26	26	26
Sample ID	26-VS-11	26-VS-12	26-VS-13
Date Sampled	9/15/99	9/15/99	9/15/99
Depth	0 to 0.5	0 to 0.5	0 to 0.5
Metals			
Antimony			
Arsenic	13	15	22
Cadmium			
Chromium			
Copper			
Lead	2400 J	430 J	510 J
Mercury			
Nickel			
Zinc			

Area	26	26	26
Sample ID	26-VS-14	26-VS-15	26-VS-16
Date Sampled	9/15/99	9/15/99	9/15/99
Depth	0 to 0.5	0 to 0.5	0 to 0.5
Metals			
Antimony			
Arsenic	8.6	25	12
Cadmium			
Chromium			
Copper			
Lead	78 J	57 J	2400 J
Mercury			
Nickel			
Zinc			

Table B.9-1
Area 26 - Waste Acid Recovery Area and Kettle Soil Metals Results

Area	26	26	26
Sample ID	26-VS-17	26-VS-18	26-VS-19
Date Sampled	9/15/99	9/15/99	9/15/99
Depth	1 to 2.5	1 to 2.5	1 to 2.5
Metals			
Antimony			
Arsenic	9.8	4.6	3.6
Cadmium			
Chromium			
Copper			
Lead	3500	1300	3400
Mercury			
Nickel			
Zinc			

Area	26	26	26
Sample ID	26-VS-2	26-VS-20	26-VS-21
Date Sampled	9/15/99	9/15/99	9/15/99
Depth	0 to 0.5	1 to 2.5	1 to 2.5
Metals			
Antimony			
Arsenic	22	11	3.1
Cadmium			
Chromium			
Copper			
Lead	1100 J	2700	160
Mercury			
Nickel			
Zinc			

Table B.9-1
Area 26 - Waste Acid Recovery Area and Kettle Soil Metals Results

Area	26	26	26
Sample ID	26-VS-22	26-VS-24	26-VS-25
Date Sampled	9/15/99	9/15/99	9/15/99
Depth	1 to 2.5	1 to 2.5	1 to 2.5
Metals			
Antimony			
Arsenic	2.9	8.5	3.6
Cadmium			
Chromium			
Copper			
Lead	59	380	1200
Mercury			
Nickel			
Zinc			

Area	26	26	26
Sample ID	26-VS-27A	26-VS-28A	26-VS-29A
Date Sampled	9/30/99	9/30/99	9/30/99
Depth	3 to 4.5	3 to 4.5	1 to 2.5
Metals			
Antimony			
Arsenic	4.1	11	24
Cadmium			
Chromium			
Copper			
Lead	15	3300	2000
Mercury			
Nickel			
Zinc			

Table B.9-1
Area 26 - Waste Acid Recovery Area and Kettle Soil Metals Results

Area	26	26	26
Sample ID	26-VS-3	26-VS-31A	26-VS-4
Date Sampled	9/15/99	9/30/99	9/15/99
Depth	0 to 0.5	1 to 2.5	0 to 0.5
Metals			
Antimony			
Arsenic	13	4.7	26
Cadmium			
Chromium			
Copper			
Lead	660 J	110	810 J
Mercury			
Nickel			
Zinc			

Area	26	26	26
Sample ID	26-VS-50	26-VS-51	26-VS-54
Date Sampled	4/19/00	4/19/00	4/19/00
Depth	0 to 0.5	0 to 0.5	2 to 4.5
Metals			
Antimony			
Arsenic	22	16	2.5 U
Cadmium			
Chromium			
Copper			
Lead	430	2400	2600
Mercury			
Nickel			
Zinc			

Table B.9-1
Area 26 - Waste Acid Recovery Area and Kettle Soil Metals Results

Area	26	26	26
Sample ID	26-VS-55	26-VS-56-DAVG	26-VS-58
Date Sampled	4/19/00	4/19/00	5/24/00
Depth	2 to 4.5	2 to 4.5	6 to 8.5
Metals			
Antimony			
Arsenic	18	2.95	6.5
Cadmium			
Chromium			
Copper			
Lead	3800	525	470
Mercury			
Nickel			
Zinc			

Area	26	26	26
Sample ID	26-VS-9A	APD-TP-501-S-1	APD-TP-501-S-2
Date Sampled	9/30/99	5/27/92	5/27/92
Depth	3 to 4.5	0 to 1	3 to 5
Metals			
Antimony			
Arsenic	3.8	12.4	3.38
Cadmium		0.18	0.09
Chromium		13	13.8
Copper		16	21.9
Lead	100	900	6.5
Mercury		0.11 U	0.1 U
Nickel		16.9	21.8
Zinc		60.9	52.2

Table B.9-1
Area 26 - Waste Acid Recovery Area and Kettle Soil Metals Results

Area	26	26	26
Sample ID	APH-SS-501	APH-SS-502	APH-SS-503-DAVG
Date Sampled	11/12/92	11/12/92	11/12/92
Depth	0 to 3.5	0 to 0.5	0 to 0.5
Metals			
Antimony			
Arsenic			
Cadmium			
Chromium			
Copper			
Lead	190	37	810
Mercury			
Nickel			
Zinc			

Area	26	26	26
Sample ID	APH-SS-504	APH-SS-507	APH-SS-508
Date Sampled	11/12/92	11/12/92	11/12/92
Depth	0 to 0.5	0 to 0.5	0 to 0.5
Metals			
Antimony			
Arsenic			
Cadmium			
Chromium			
Copper			
Lead	7 U	83	26
Mercury			
Nickel			
Zinc			

Table B.9-1
Area 26 - Waste Acid Recovery Area and Kettle Soil Metals Results

Area	26
Sample ID	APH-SS-509
Date Sampled	11/12/92
Depth	0 to 0.5
Metals	
Antimony	
Arsenic	
Cadmium	
Chromium	
Copper	
Lead	38
Mercury	
Nickel	
Zinc	

Table B.9-2
Area 26 - Waste Acid Recovery and Kettle Soil Explosives Results

Area	26	26	26	26	26	26
Sample ID	26-B-1,S-2	26-B-2,S-1	26-B-2,S-10	26-B-2,S-4-DAVG	26-B-2,S-8	26-B-3,S-1
Date Sampled	11/26/86	4/21/87	4/21/87	4/21/87	4/21/87	4/23/87
Depth	5 to 6.5	2.5 to 4	25 to 26.5	10 to 11.5	20 to 21	2.5 to 4
Explosives						
Dinitrobenzene, 1,3-						
Dinitrotoluene, 2,4-	0.1233 J	0.19 U	0.39 U	0.07 U	0.08 U	0.22
Dinitrotoluene, 2,6-	0.4253 U	0.19 U	0.39 U	0.07 U	0.08 U	0.14
DNT - Total	0.33595	0.38 U	0.78 U	0.14 U	0.16 U	0.36
Nitrobenzene	0.4253 U					
Nitroglycerine		0.47 U	0.97 U	0.18 U	0.21 U	0.21 U
Trinitrobenzene, 1,3,5-						
Trinitrotoluene, 2,4,6-						

Area	26	26	26	26	26	26
Sample ID	26-B-3,S-4	26-B-4,S-1	26-B-4,S-4	26-B-4,S-5-DAVG	26-B-5,S-1	26-B-5,S-4
Date Sampled	4/24/87	4/22/87	4/23/87	4/23/87	4/22/87	4/22/87
Depth	10 to 11.5	2.5 to 4	10 to 11	12.5 to 13.5	2.5 to 4	10 to 11.5
Explosives						
Dinitrobenzene, 1,3-						
Dinitrotoluene, 2,4-	0.08 U	0.08 U	0.07 U	0.07 U	0.09 U	0.08 U
Dinitrotoluene, 2,6-	0.08 U	0.08 U	0.07 U	0.07 U	0.09 U	0.08 U
DNT - Total	0.16 U	0.16 U	0.14 U	0.14 U	0.18 U	0.16 U
Nitrobenzene						
Nitroglycerine	0.19 U	0.2 U	0.18 U	0.18 U	0.21 U	0.21 U
Trinitrobenzene, 1,3,5-						
Trinitrotoluene, 2,4,6-						

Table B.9-2
Area 26 - Waste Acid Recovery and Kettle Soil Explosives Results

Area	26	26	26	26	26	26
Sample ID	26-B-501-S-2-DAVG	26-B-501-S-4A	26-B-501-S-7	26-B-502-S-2	26-B-502-S-4A	26-B-502-S-7
Date Sampled	2/26/92	2/26/92	2/26/92	2/26/92	2/26/92	2/26/92
Depth	5 to 8	18 to 19.5	30 to 31.5	5 to 8	18 to 19.5	30 to 33
Explosives						
Dinitrobenzene, 1,3-	0.049 U	0.043 U	0.042 U	0.044 U	0.044 U	0.044 U
Dinitrotoluene, 2,4-	0.0073 U	0.0064 U	0.0063 U	0.0066 U	0.0065 U	0.0066 U
Dinitrotoluene, 2,6-	0.0073 U	0.0064 U	0.0063 U	0.0066 U	0.0065 U	0.0066 U
DNT - Total	0.0146 U	0.0128 U	0.0126 U	0.0132 U	0.013 U	0.0132 U
Nitrobenzene	0.072 U	0.063 U	0.062 U	0.065 U	0.065 U	0.065 U
Nitroglycerine	0.24 U	0.21 U	0.21 U	0.22 U	0.22 U	0.22 U
Trinitrobenzene, 1,3,5-	0.037 U	0.032 U	0.032 U	0.033 U	0.033 U	0.033 U
Trinitrotoluene, 2,4,6-	0.0037 U	0.0032 U	0.0032 U	0.0033 U	0.0033 U	0.0033 U

Area	26	26	26	26	26	26
Sample ID	26-B-503-S-11	26-B-503-S-16	26-B-503-S-1-DAVG	26-B-503-S-4	26-B-503-S-6A	26-B-6,S-1
Date Sampled	7/10/92	7/13/92	7/10/92	7/10/92	7/10/92	4/21/87
Depth	50 to 51.5	75 to 76.5	0 to 1	15 to 16.5	27.5 to 29	2.5 to 4
Explosives						
Dinitrobenzene, 1,3-	0.044 U	0.043 U	6.8 U	0.042 U	0.042 U	
Dinitrotoluene, 2,4-	0.0066 U	0.0064 U	1 U	0.016	0.0063 U	0.08 U
Dinitrotoluene, 2,6-	0.0066 U	0.0064 U	1 U	0.0063 U	0.0063 U	0.08 U
DNT - Total	0.0132 U	0.0128 U	2 U	0.01915	0.0126 U	0.16 U
Nitrobenzene	0.065 U	0.064 U	10 U	0.062 U	0.063 U	
Nitroglycerine	0.22 U	0.21 U	0.34 UJ	0.21 U	0.21 U	0.21 U
Trinitrobenzene, 1,3,5-	0.033 U	0.032 U	5.1 U	0.031 U	0.032 U	
Trinitrotoluene, 2,4,6-	0.0033 U	0.0032 U	0.51 U	0.0031 U	0.0032 U	

Table B.9-2
Area 26 - Waste Acid Recovery and Kettle Soil Explosives Results

Area	26	26	26	26	26
Sample ID	26-B-6,S-4	26-B-6,S-7	26-TP-501-S-2-DAVG	26-TP-501-S-3	26-TP-502-S-2-DAVG
Date Sampled	4/21/87	4/21/87	3/23/92	3/23/92	3/23/92
Depth	10 to 11	17.5 to 19	3 to 6	8 to 10	3 to 6
Explosives					
Dinitrobenzene, 1,3-			0.042 U	0.042 U	0.048 U
Dinitrotoluene, 2,4-	0.08 U	0.07 U	0.0063 U	0.0063 U	0.0072 U
Dinitrotoluene, 2,6-	0.08 U	0.07 U	0.0063 U	0.0063 U	0.0072 U
DNT - Total	0.16 U	0.14 U	0.0126 U	0.0126 U	0.0144 U
Nitrobenzene			0.062 U	0.062 U	0.072 U
Nitroglycerine	0.19 U	0.18 U	0.21 U	0.21 U	0.24 U
Trinitrobenzene, 1,3,5-			0.031 U	0.032 U	0.036 U
Trinitrotoluene, 2,4,6-			0.0031 U	0.0032 U	0.0036 U

Area	26	26	26	26	26
Sample ID	26-TP-502-S-3	26-TP-503-S-3	26-TP-504-S-2	26-TP-504-S-3	26-TP-505-S-2
Date Sampled	3/23/92	3/23/92	3/23/92	3/23/92	3/23/92
Depth	8 to 10	8 to 10	3 to 6	8 to 10	3 to 6
Explosives					
Dinitrobenzene, 1,3-	0.053 U	0.042 U	0.042 U	0.043 U	
Dinitrotoluene, 2,4-	0.0079 U	0.0063 U	0.0063 U	0.0065 U	0.18 U
Dinitrotoluene, 2,6-	0.0079 U	0.0063 U	0.0063 U	0.0065 U	0.18 U
DNT - Total	0.0158 U	0.0126 U	0.0126 U	0.013 U	0.36 U
Nitrobenzene	0.078 U	0.063 U	0.063 U	0.064 U	0.18 U
Nitroglycerine	0.26 U	0.21 U	0.21 U	0.22 U	
Trinitrobenzene, 1,3,5-	0.04 U	0.032 U	0.032 U	0.032 U	
Trinitrotoluene, 2,4,6-	0.004 U	0.0032 U	0.0032 U	0.0032 U	

Table B.9-2
Area 26 - Waste Acid Recovery and Kettle Soil Explosives Results

Area	26	26	26	26	26	26
Sample ID	26-TP-505-S-3	26-TP-506-S-2	26-TP-506-S-3	26-TP-507-S-3	26-TP-508-S-2	26-TP-508-S-3
Date Sampled	3/23/92	3/24/92	3/24/92	3/24/92	3/24/92	3/24/92
Depth	8 to 10	3 to 6	8 to 10	8 to 10	3 to 6	8 to 10
Explosives						
Dinitrobenzene, 1,3-	0.042 U	0.042 U	0.042 U	0.042 U	0.045 U	0.043 U
Dinitrotoluene, 2,4-	0.0063 U	0.0063 U	0.0063 U	0.0063 U	0.0068 U	0.0064 U
Dinitrotoluene, 2,6-	0.0063 U	0.0063 U	0.0063 U	0.0063 U	0.0068 U	0.0064 U
DNT - Total	0.0126 U	0.0126 U	0.0126 U	0.0126 U	0.0136 U	0.0128 U
Nitrobenzene	0.063 U	0.063 U	0.062 U	0.063 U	0.067 U	0.063 U
Nitroglycerine	0.21 U	0.21 U	0.21 U	0.21 U	0.23 U	0.21 U
Trinitrobenzene, 1,3,5-	0.032 U	0.032 U	0.031 U	0.032 U	0.034 U	0.032 U
Trinitrotoluene, 2,4,6-	0.0032 U	0.0032 U	0.0031 U	0.0032 U	0.0034 U	0.0032 U

Area	26	26	26	26	26	26
Sample ID	26-TP-509-S-2	26-TP-509-S-3	26-TP-510-S-1-DAVG	26-TP-510-S-2	26-TP-510-S-3	26-TP-511-S-2A
Date Sampled	3/24/92	3/24/92	3/24/92	3/24/92	3/24/92	3/25/92
Depth	3 to 6	8 to 10	0 to 1	3 to 6	8 to 10	4 to 6
Explosives						
Dinitrobenzene, 1,3-	0.044 U	0.042 U	0.048 U	0.042 U	0.043 U	0.043 U
Dinitrotoluene, 2,4-	0.0067 U	0.0062 U	0.0071 U	0.0063 U	0.0064 U	0.0064 U
Dinitrotoluene, 2,6-	0.0067 U	0.0062 U	0.0071 U	0.0063 U	0.0064 U	0.0064 U
DNT - Total	0.0134 U	0.0124 U	0.0142 U	0.0126 U	0.0128 U	0.0128 U
Nitrobenzene	0.066 U	0.062 U	0.071 U	0.062 U	0.063 U	0.064 U
Nitroglycerine	0.22 U	0.21 U	0.24 U	0.21 U	0.21 U	0.22 U
Trinitrobenzene, 1,3,5-	0.033 U	0.031 U	0.036 U	0.031 U	0.032 U	0.032 U
Trinitrotoluene, 2,4,6-	0.0033 U	0.0031 U	0.0036 U	0.0031 U	0.0032 U	0.0032 U

Table B.9-2
Area 26 - Waste Acid Recovery and Kettle Soil Explosives Results

Area	26	26	26	26	26	26
Sample ID	26-TP-511-S-3	26-TP-512-S-2	26-TP-512-S-3	26-TP-513-S-2	26-TP-513-S-3	26-TP-514-S-2
Date Sampled	3/25/92	3/25/92	3/25/92	3/25/92	3/25/92	3/25/92
Depth	8 to 10	3 to 6	8 to 10	3 to 6	8 to 10	3 to 6
Explosives						
Dinitrobenzene, 1,3-	0.043 U	0.043 U	0.042 U	0.042 U	0.042 U	0.047 U
Dinitrotoluene, 2,4-	0.0065 U	0.0064 U	0.0063 U	0.0063 U	0.0064 U	0.007 U
Dinitrotoluene, 2,6-	0.0065 U	0.0064 U	0.0063 U	0.0063 U	0.0064 U	0.007 U
DNT - Total	0.013 U	0.0128 U	0.0126 U	0.0126 U	0.0128 U	0.014 U
Nitrobenzene	0.064 U	0.064 U	0.062 U	0.063 U	0.063 U	0.069 U
Nitroglycerine	0.22 U	0.21 U	0.21 U	0.21 U	0.21 U	0.23 U
Trinitrobenzene, 1,3,5-	0.032 U	0.032 U	0.031 U	0.032 U	0.032 U	0.035 U
Trinitrotoluene, 2,4,6-	0.0032 U	0.0032 U	0.0031 U	0.0032 U	0.0032 U	0.0035 U

Area	26	26	26	26	26
Sample ID	26-TP-514-S-3	26-TP-515-S-2	26-TP-515-S-3	APD-TP-501-S-1	APD-TP-501-S-2
Date Sampled	3/25/92	3/25/92	3/25/92	5/27/92	5/27/92
Depth	6 to 7	3 to 6	8 to 10	0 to 1	3 to 5
Explosives					
Dinitrobenzene, 1,3-	0.045 U	0.042 U	0.044 U		
Dinitrotoluene, 2,4-	0.0067 U	0.0064 U	0.0065 U	0.18 U	0.17 U
Dinitrotoluene, 2,6-	0.0067 U	0.0064 U	0.0065 U	0.18 U	0.17 U
DNT - Total	0.0134 U	0.0128 U	0.013 U	0.36 U	0.34 U
Nitrobenzene	0.066 U	0.063 U	0.065 U	0.18 U	0.17 U
Nitroglycerine	0.22 U	0.21 U	0.22 U		
Trinitrobenzene, 1,3,5-	0.034 U	0.032 U	0.033 U		
Trinitrotoluene, 2,4,6-	0.0034 U	0.0032 U	0.0033 U		

B.9-3

Area 26 - Waste Acid Recovery Area and Kettle Soil SVOC Results

Area	26	26	26
Sample ID	26-B-1,S-2	26-TP-501-S-2-DAVG	26-TP-505-S-2
Date Sampled	11/26/86	3/23/92	3/23/92
Depth	5 to 6.5	3 to 6	3 to 6
Semivolatiles			
Aniline	0.4253 U	0.18 U	0.18 U
Benzidine	2.126 U		1.8 UJ
Benzoic Acid	0.4253 U	0.88 U	0.9 U
Benzyl Alcohol	0.4253 U	0.18 U	0.18 U
Bis(2-Chloroethoxy)methane	0.4253 U	0.18 U	0.18 U
Bis(2-Chloroisopropyl)ether	0.4253 U	0.18 U	0.18 U
Bis(2-ethylhexyl)Phthalate (DEHP)	6.209	0.18 U	0.18 U
Bis(Chloroethyl)ether		0.18 U	0.18 U
Bromodiphenyl ether, 4-	0.4253 U	0.18 U	0.18 U
Butyl Benzyl Phthalate, N-	0.4253 U	0.18 U	0.18 U
Chloroaniline, 4-	0.4253 U	0.18 U	0.18 U
Chloronaphthalene, 2-	0.4253 U	0.18 U	0.18 U
Chlorophenol, 2-	0.4253 U	0.18 U	0.18 U
Chlorophenyl-phenyl ether, 4-	0.4253 U	0.18 U	0.18 U
Dibenzofuran	0.4253 U	0.18 U	0.18 U
Dibutyl Phthalate	0.4253 U	0.19 U	0.18 U
Dichlorobenzene, 1,2-	0.4253 U	0.18 U	0.18 U
Dichlorobenzene, 1,3-	0.4253 U	0.18 U	0.18 U
Dichlorobenzene, 1,4-	0.4253 U	0.18 U	0.18 U
Dichlorobenzidine, 3,3'	0.8505 U	0.35 U	0.36 U
Dichlorophenol, 2,4-	0.4253 U	0.18 U	0.18 U
Diethyl Phthalate	0.4253 U	0.18 U	0.18 U
Dimethyl Phthalate	0.4253 U	0.18 U	0.18 U
Dimethylphenol, 2,4-	0.4253 U	0.18 U	0.18 U
Dinitro-o-Cresol, 4,6-	2.126 U	0.88 U	0.9 U
Dinitrophenol, 2,4-	2.126 U	0.88 U	0.9 U
Di-N-Octylphthalate	0.6251 U	0.18 U	0.18 U
Hexachlorobenzene	0.4253 U	0.18 U	0.18 U
Hexachlorobutadiene	0.4253 U	0.18 U	0.18 U
Hexachlorocyclopentadiene	0.4253 U	0.18 U	0.18 U
Hexachloroethane	0.4253 U	0.18 U	0.18 U
Isophorone	0.4253 U	0.18 U	0.18 U
Methylphenol, 2-	0.4253 U	0.18 U	0.18 U
Methylphenol, 4-	0.4253 U	0.18 U	0.18 U
Nitroaniline, 2-	0.4253 U	0.88 U	0.9 U
Nitroaniline, 3-	0.4253 U	0.88 U	0.9 U
Nitroaniline, 4-	0.4253 U	0.88 U	0.9 U
Nitrophenol, 2-	0.4253 U	0.18 U	0.18 U
Nitrophenol, 4-	2.126 U	0.88 U	0.9 U
Nitrosodimethylamine, N-	0.4253 U	0.18 U	0.18 U
Nitrosodi-N-propylamine, N-	0.4253 U	0.18 U	0.18 U
Nitrosodiphenylamine, N-	0.4253 U	0.18 U	0.18 U
Pentachlorophenol	2.126 U	0.18 U	0.18 U
Phenol	0.4253 U	0.18 U	0.18 U
Trichlorobenzene, 1,2,4-	0.4253 U	0.18 U	0.18 U
Trichlorophenol, 2,4,5-	0.4253 U	0.88 U	0.9 U
Trichlorophenol, 2,4,6-	0.4253 U	0.18 U	0.18 U

B.9-3

Area 26 - Waste Acid Recovery Area and Kettle Soil SVOC Results

Area	26
Sample ID	APD-TP-501-S-2
Date Sampled	5/27/92
Depth	3 to 5
Semivolatiles	
Aniline	0.17 U
Benzidine	1.7 U
Benzoic Acid	0.87 U
Benzyl Alcohol	0.17 U
Bis(2-Chloroethoxy)methane	0.17 U
Bis(2-Chloroisopropyl)ether	0.17 U
Bis(2-ethylhexyl)Phthalate (DEHP)	0.17 U
Bis(Chloroethyl)ether	0.17 U
Bromodiphenyl ether, 4-	0.17 U
Butyl Benzyl Phthalate, N-	0.17 U
Chloroaniline, 4-	0.17 U
Chloronaphthalene, 2-	0.17 U
Chlorophenol, 2-	0.17 U
Chlorophenyl-phenyl ether, 4-	0.17 U
Dibenzofuran	0.17 U
Dibutyl Phthalate	0.17 U
Dichlorobenzene, 1,2-	0.17 U
Dichlorobenzene, 1,3-	0.17 U
Dichlorobenzene, 1,4-	0.17 U
Dichlorobenzidine, 3,3'	0.35 U
Dichlorophenol, 2,4-	0.17 U
Diethyl Phthalate	0.17 U
Dimethyl Phthalate	0.17 U
Dimethylphenol, 2,4-	0.17 U
Dinitro-o-Cresol, 4,6-	0.87 U
Dinitrophenol, 2,4-	0.87 U
Di-N-Octylphthalate	0.17 U
Hexachlorobenzene	0.17 U
Hexachlorobutadiene	0.17 U
Hexachlorocyclopentadiene	0.17 U
Hexachloroethane	0.17 U
Isophorone	0.17 U
Methylphenol, 2-	0.17 U
Methylphenol, 4-	0.17 U
Nitroaniline, 2-	0.87 U
Nitroaniline, 3-	0.87 U
Nitroaniline, 4-	0.87 U
Nitrophenol, 2-	0.17 U
Nitrophenol, 4-	0.87 U
Nitrosodimethylamine, N-	0.17 U
Nitrosodi-N-propylamine, N-	0.17 U
Nitrosodiphenylamine, N-	0.17 U
Pentachlorophenol	0.17 U
Phenol	0.17 U
Trichlorobenzene, 1,2,4-	0.17 U
Trichlorophenol, 2,4,5-	0.87 U
Trichlorophenol, 2,4,6-	0.17 U

B.9-4

Area 26 - Waste Acid Recovery Area and Kettle Soil PAH Results

Area	26	26	26	26
Sample ID	26-B-1,S-2	26-B-501-S-1-DAVG	26-B-502-S-1	26-B-503-S-1-DAVG
Date Sampled	11/26/86	2/26/92	2/26/92	7/10/92
Depth	5 to 6.5	0 to 1	0 to 1	0 to 1
PAHs				
Acenaphthene	0.4253 U	2 UJ	0.26 UJ	2.7 U
Acenaphthylene	0.4253 U	2 UJ	0.26 UJ	2.7 U
Anthracene	0.4253 U	1.1 J	0.013 J	0.14 U
Benzo(a)Anthracene	0.4253 U	8.6 J	0.032 J	0.27 U
Benzo(a)Pyrene	0.4253 U	5.6 J	0.026 UJ	0.27 U
Benzo(b)Fluoranthene	0.4253 U	7 J	0.15 J	0.33
Benzo(g,h,i)Perylene	0.4253 U	4.4 J	0.6 J	2.6
Benzo(k)Fluoranthene	0.4253 U	2.6 J	0.026 UJ	0.27 U
Chrysene	0.4253 U	14 J	0.14 J	0.66
Dibenz(a,h)anthracene	0.4253 U	0.42 UJ	0.054 UJ	0.56 U
Fluoranthene	0.4253 U	29 J	0.16 J	0.74
Fluorene	0.4253 U	0.2 UJ	0.026 UJ	0.27 U
Indeno(1,2,3-cd)pyrene	0.4253 U	0.2 UJ	0.026 UJ	0.27 U
Methylnaphthalene, 2-	0.4253 U			
Naphthalene	0.4253 U	1 UJ	0.13 UJ	1.4 U
PAH (Non-Carc) - Total	4.253 U	53.3	1.354	7.435
Phenanthrene	0.4253 U	7.1 J	0.053 J	0.16
Pyrene	0.4253 U	9.1 J	0.19 J	0.33
Total Carcinogenic PAHS (BaP TEQs)	0.9828683 U	7.42	0.05977	0.47701

B.9-4

Area 26 - Waste Acid Recovery Area and Kettle Soil PAH Results

Area	26	26	26	26
Sample ID	26-SS-502-DAVG	26-SS-506	26-SS-507	26-SS-509
Date Sampled	3/23/92	10/20/93	10/20/93	10/20/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
PAHs				
Acenaphthene	0.2 UJ	1.8 U	0.2 U	1.8 U
Acenaphthylene	0.2 UJ	1.8 U	0.2 U	1.8 U
Anthracene	0.01 UJ	0.092 U	0.0098 U	0.09 U
Benzo(a)Anthracene	0.02 UJ	0.18 U	0.021	0.89
Benzo(a)Pyrene	0.028 J	0.18 U	0.02 U	0.18 U
Benzo(b)Fluoranthene	0.022 J	0.18 U	0.023	0.64
Benzo(g,h,i)Perylene	0.17 J	0.18 U	0.02 U	0.67
Benzo(k)Fluoranthene	0.02 UJ	0.18 U	0.02 U	0.2
Chrysene	0.02 J	0.18 U	0.056	1.7
Dibenz(a,h)anthracene	0.053 J	0.38 U	0.04 U	0.31
Fluoranthene	0.045 J	0.19	0.042	2.1
Fluorene	0.02 UJ	0.18 U	0.02 U	0.18 U
Indeno(1,2,3-cd)pyrene	0.24 J	0.18 U	0.027	0.38
Methylnaphthalene, 2-				
Naphthalene	0.1 UJ	0.92 U	0.098 U	0.9 U
PAH (Non-Carc) - Total	0.52	2.812	0.3438	6.345
Phenanthrene	0.014 J	0.092 U	0.0098 U	1.1
Pyrene	0.026 J	0.18 U	0.023	0.18 U
Total Carcinogenic PAHS (BaP TEQs)	0.10832	0.61598 U	0.037256	0.5947

B.9-4

Area 26 - Waste Acid Recovery Area and Kettle Soil PAH Results

Area	26	26	26	26
Sample ID	26-SS-510-DAVG	26-TP-501-S-1-DAVG	26-TP-501-S-2-DAVG	26-TP-505-S-1
Date Sampled	10/20/93	3/23/92	3/23/92	3/23/92
Depth	0 to 0.5	0 to 1	3 to 6	0 to 1
PAHs				
Acenaphthene	0.19 U	0.21 UJ	0.18 U	0.22 UJ
Acenaphthylene	0.19 U	0.21 UJ	0.18 U	0.22 UJ
Anthracene	0.0095 U	0.01 UJ	0.18 U	0.011 UJ
Benzo(a)Anthracene	0.019 U	0.021 UJ	0.18 U	0.022 UJ
Benzo(a)Pyrene	0.019 U	0.021 UJ	0.18 U	0.022 UJ
Benzo(b)Fluoranthene	0.019	0.021 UJ	0.18 U	0.022 UJ
Benzo(g,h,i)Perylene	0.019 U	0.021 UJ	0.18 U	0.022 UJ
Benzo(k)Fluoranthene	0.019 U	0.021 UJ	0.18 U	0.022 UJ
Chrysene	0.022	0.09 J	0.18 U	0.022 UJ
Dibenz(a,h)anthracene	0.039 U	0.043 UJ	0.18 U	0.045 UJ
Fluoranthene	0.049	0.021 UJ	0.18 U	0.022 UJ
Fluorene	0.019 U	0.021 UJ	0.18 U	0.022 UJ
Indeno(1,2,3-cd)pyrene	0.019 U	0.021 UJ	0.18 U	0.022 UJ
Methylnaphthalene, 2-			0.18 U	
Naphthalene	0.095 U	0.1 UJ	0.18 U	0.11 UJ
PAH (Non-Carc) - Total	0.34	0.624 U	1.8 U	0.3395
Phenanthrene	0.0095 U	0.01 UJ	0.18 U	0.015 J
Pyrene	0.025	0.021 UJ	0.18 U	0.022 UJ
Total Carcinogenic PAHS (BaP TEQs)	0.032917	0.035345	0.41598 U	0.073842 U

B.9-4

Area 26 - Waste Acid Recovery Area and Kettle Soil PAH Results

Area	26	26	26	26
Sample ID	26-TP-505-S-2	26-TP-516-S-1	APD-TP-501-S-1	APD-TP-501-S-2
Date Sampled	3/23/92	6/30/92	5/27/92	5/27/92
Depth	3 to 6	0 to 1	0 to 1	3 to 5
PAHs				
Acenaphthene	0.18 U	0.2 U	0.18 U	0.17 U
Acenaphthylene	0.18 U	0.2 U	0.18 U	0.17 U
Anthracene	0.18 U	0.018	0.18 U	0.17 U
Benzo(a)Anthracene	0.18 U	0.02 U	0.18 U	0.17 U
Benzo(a)Pyrene	0.18 U	0.14	0.1 J	0.17 U
Benzo(b)Fluoranthene	0.18 U	0.08	0.14 J	0.17 U
Benzo(g,h,i)Perylene	0.18 U	0.47	0.088 J	0.17 U
Benzo(k)Fluoranthene	0.18 U	0.02 U	0.044 J	0.17 U
Chrysene	0.18 U	0.11	0.12 J	0.17 U
Dibenz(a,h)anthracene	0.18 U	0.041 U	0.18 U	0.17 U
Fluoranthene	0.18 U	0.25	0.16 J	0.17 U
Fluorene	0.18 U	0.02 U	0.18 U	0.17 U
Indeno(1,2,3-cd)pyrene	0.18 U	0.02 U	0.069 J	0.17 U
Methylnaphthalene, 2-	0.18 U		0.18 U	0.17 U
Naphthalene	0.18 U	0.1 U	0.18 U	0.17 U
PAH (Non-Carc) - Total	1.8 U	1.37	1.026	1.7 U
Phenanthrene	0.18 U	0.072	0.088 J	0.17 U
Pyrene	0.18 U	0.3	0.15 J	0.17 U
Total Carcinogenic PAHS (BaP TEQs)	0.41598 U	0.17071	0.22046	0.39287 U

B.9-5

Area 26 - Waste Acid Recovery Area and Kettle Soil TPH Results

Area	26	26	26	26	26
Sample ID	26-B-1,S-2	26-B-2,S-1	26-B-2,S-10	26-B-2,S-4-DAVG	26-B-2,S-8
Date Sampled	11/26/86	4/21/87	4/21/87	4/21/87	4/21/87
Depth	5 to 6.5	2.5 to 4	25 to 26.5	10 to 11.5	20 to 21
TPH					
#2 Diesel					
Bunker C					
Gasoline					
Kensol					
Kerosene					
Oil And Grease	63	64 X	2200 X	20 UX	25 X
Stoddard Solvent					
TPH (418.1)					
TPH-8015					

Area	26	26	26	26	26
Sample ID	26-B-3,S-1	26-B-3,S-4	26-B-4,S-1	26-B-4,S-4	26-B-4,S-5-DAVG
Date Sampled	4/23/87	4/24/87	4/22/87	4/23/87	4/23/87
Depth	2.5 to 4	10 to 11.5	2.5 to 4	10 to 11	12.5 to 13.5
TPH					
#2 Diesel					
Bunker C					
Gasoline					
Kensol					
Kerosene					
Oil And Grease	94 X	35 X	51 X	20 UX	20 UX
Stoddard Solvent					
TPH (418.1)					
TPH-8015					

B.9-5

Area 26 - Waste Acid Recovery Area and Kettle Soil TPH Results

Area	26	26	26	26	26
Sample ID	26-B-5,S-1	26-B-5,S-4	26-B-501-S-1-DAVG	26-B-501-S-2-DAVG	26-B-501-S-3
Date Sampled	4/22/87	4/22/87	2/26/92	2/26/92	2/26/92
Depth	2.5 to 4	10 to 11.5	0 to 1	5 to 8	10 to 11.5
TPH					
#2 Diesel					
Bunker C					
Gasoline					
Kensol					
Kerosene					
Oil And Grease	20 UX	20 UX			
Stoddard Solvent					
TPH (418.1)			2000 J	20 U	20 U
TPH-8015					

Area	26	26	26	26	26
Sample ID	26-B-501-S-4A	26-B-501-S-6	26-B-501-S-7	26-B-502-S-1	26-B-502-S-2
Date Sampled	2/26/92	2/26/92	2/26/92	2/26/92	2/26/92
Depth	18 to 19.5	26.5 to 28	30 to 31.5	0 to 1	5 to 8
TPH					
#2 Diesel					
Bunker C					
Gasoline					
Kensol					
Kerosene					
Oil And Grease					
Stoddard Solvent					
TPH (418.1)	20 U	20 U	20 U	2200 J	51 J
TPH-8015					

B.9-5

Area 26 - Waste Acid Recovery Area and Kettle Soil TPH Results

Area	26	26	26	26	26
Sample ID	26-B-502-S-3	26-B-502-S-4A	26-B-502-S-6	26-B-502-S-7A	26-B-503-S-11
Date Sampled	2/26/92	2/26/92	2/26/92	2/26/92	7/10/92
Depth	11.5 to 13	18 to 19.5	25 to 28	33 to 34.5	50 to 51.5
TPH					
#2 Diesel					
Bunker C					
Gasoline					
Kensol					
Kerosene					
Oil And Grease					
Stoddard Solvent					
TPH (418.1)	20 U	20 U	20 U	20 U	21 U
TPH-8015					

Area	26	26	26	26	26
Sample ID	26-B-503-S-13	26-B-503-S-16	26-B-503-S-1-DAVG	26-B-503-S-2A	26-B-503-S-3
Date Sampled	7/10/92	7/13/92	7/10/92	7/10/92	7/10/92
Depth	60 to 61.5	75 to 76.5	0 to 1	5 to 5.75	10 to 11.5
TPH					
#2 Diesel					
Bunker C					
Gasoline					
Kensol					
Kerosene					
Oil And Grease					
Stoddard Solvent					
TPH (418.1)	21 U	21 U	5600	520	22 U
TPH-8015					

B.9-5

Area 26 - Waste Acid Recovery Area and Kettle Soil TPH Results

Area	26	26	26	26	26
Sample ID	26-B-503-S-4	26-B-503-S-5-DAVG	26-B-503-S-6A	26-B-503-S-9	26-B-6,S-1
Date Sampled	7/10/92	7/10/92	7/10/92	7/10/92	4/21/87
Depth	15 to 16.5	20 to 21.5	27.5 to 29	40 to 41.5	2.5 to 4
TPH					
#2 Diesel					
Bunker C					
Gasoline					
Kensol					
Kerosene					
Oil And Grease					20 UX
Stoddard Solvent					
TPH (418.1)	36	21 U	21 U	21 U	
TPH-8015					

Area	26	26	26	26	26
Sample ID	26-B-6,S-4	26-B-6,S-7	26-SS-501	26-SS-502-DAVG	26-SS-503
Date Sampled	4/21/87	4/21/87	3/23/92	3/23/92	3/23/92
Depth	10 to 11	17.5 to 19	0 to 0.5	0 to 0.5	0 to 0.5
TPH					
#2 Diesel					
Bunker C					
Gasoline					
Kensol					
Kerosene					
Oil And Grease	20 UX	20			
Stoddard Solvent					
TPH (418.1)			20 U	220	20 U
TPH-8015					

B.9-5

Area 26 - Waste Acid Recovery Area and Kettle Soil TPH Results

Area	26	26	26	26	26
Sample ID	26-SS-504	26-SS-506	26-SS-507	26-SS-509	26-SS-510-DAVG
Date Sampled	3/23/92	10/20/93	10/20/93	10/20/93	10/20/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TPH					
#2 Diesel		20 U	20 U		
Bunker C		50 U	50 U		
Gasoline		10 U	10 U		
Kensol		10 U	10 U		
Kerosene		10 U	10 U		
Oil And Grease		250	240		
Stoddard Solvent		10 U	10 U		
TPH (418.1)	20 U	590	600	1000	730
TPH-8015		10 U	10 U		

Area	26	26	26	26	26
Sample ID	26-TP-501-S-1-DAVG	26-TP-501-S-2-DAVG	26-TP-501-S-3	26-TP-502-S-1	26-TP-502-S-2-DAVG
Date Sampled	3/23/92	3/23/92	3/23/92	3/23/92	3/23/92
Depth	0 to 1	3 to 6	8 to 10	0 to 1	3 to 6
TPH					
#2 Diesel					
Bunker C					
Gasoline					
Kensol					
Kerosene					
Oil And Grease					
Stoddard Solvent					
TPH (418.1)	58	20 U	20 U	20 U	20 U
TPH-8015					

B.9-5

Area 26 - Waste Acid Recovery Area and Kettle Soil TPH Results

Area	26	26	26	26	26
Sample ID	26-TP-502-S-3	26-TP-503-S-1	26-TP-503-S-2	26-TP-503-S-3	26-TP-504-S-1
Date Sampled	3/23/92	3/23/92	3/23/92	3/23/92	3/23/92
Depth	8 to1	0 to 1	3 to 6	8 to 10	0 to 1
TPH					
#2 Diesel					
Bunker C					
Gasoline					
Kensol					
Kerosene					
Oil And Grease					
Stoddard Solvent					
TPH (418.1)	20 U	20 U	20 U	20 U	20 U
TPH-8015					

Area	26	26	26	26	26
Sample ID	26-TP-504-S-2	26-TP-504-S-3	26-TP-505-S-1	26-TP-505-S-2	26-TP-505-S-3
Date Sampled	3/23/92	3/23/92	3/23/92	3/23/92	3/23/92
Depth	3 to 6	8 to 10	0 to 1	3 to 6	8 to 10
TPH					
#2 Diesel					
Bunker C					
Gasoline					
Kensol					
Kerosene					
Oil And Grease					
Stoddard Solvent					
TPH (418.1)	20 U	20 U	35	20 U	20 U
TPH-8015					

B.9-5

Area 26 - Waste Acid Recovery Area and Kettle Soil TPH Results

Area	26	26	26	26	26
Sample ID	26-TP-506-S-1	26-TP-506-S-2	26-TP-506-S-3	26-TP-507-S-1	26-TP-507-S-2
Date Sampled	3/24/92	3/24/92	3/24/92	3/24/92	3/24/92
Depth	0 to 1	3 to 6	8 to 10	0 to 1	3 to 6
TPH					
#2 Diesel					
Bunker C					
Gasoline					
Kensol					
Kerosene					
Oil And Grease					
Stoddard Solvent					
TPH (418.1)	20 U	20 U	20 U	20 U	20 U
TPH-8015					

Area	26	26	26	26	26
Sample ID	26-TP-507-S-3	26-TP-508-S-2	26-TP-508-S-3	26-TP-509-S-2	26-TP-509-S-3
Date Sampled	3/24/92	3/24/92	3/24/92	3/24/92	3/24/92
Depth	8 to 10	3 to 6	8 to 10	3 to 6	8 to 10
TPH					
#2 Diesel					
Bunker C					
Gasoline					
Kensol					
Kerosene					
Oil And Grease					
Stoddard Solvent					
TPH (418.1)	20 U	20 U	20 U	20 U	20 U
TPH-8015					

B.9-5

Area 26 - Waste Acid Recovery Area and Kettle Soil TPH Results

Area	26	26	26	26
Sample ID	26-TP-513-S-2	26-TP-516-S-1	APD-TP-501-S-1	APD-TP-501-S-2
Date Sampled	3/25/92	6/30/92	5/27/92	5/27/92
Depth	3 to 6	0 to 1	0 to 1	3 to 5
TPH				
#2 Diesel				
Bunker C				
Gasoline				
Kensol				
Kerosene				
Oil And Grease				
Stoddard Solvent				
TPH (418.1)	20 U	3500	450	21 U
TPH-8015				

Table B.10-1
Area 31 - Burning Ground Soil Metals Results

Area	31	31
Sample ID	02-OS02-SS_LR-68-1275E-02_C02-1_5	31-VS-18
Date Sampled	8/1/01	7/29/93
Depth	1.5 to 2	2.5 to 3
Total Metals (mg/kg dry)		
Aluminum		2.9
Antimony		24
Arsenic	29	
Cadmium		0.12
Chromium		
Copper		
Lead	22	
Mercury		0.1 U
Nickel		
Zinc		

Area	31	31	31	31	31	31	31	31
Sample ID	31-B-1,S-7	31-B-1,S-9	31-B-501-S-2	31-B-501-S-3	31-B-501-S-5	31-B-501-S-5A	31-B-502-S-2	31-B-502-S-3
Date Sampled	4/20/87	4/20/87	2/18/92	2/18/92	2/18/92	2/18/92	2/19/92	2/19/92
Depth	17.5 to 19	22 to 22.5	5 to 8	10 to 14.5	20 to 23	23 to 24.5	5 to 8	10 to 13
Total Metals (mg/kg dry)								
Aluminum							10000	12000
Antimony							2.7 UJ	2.7 UJ
Arsenic			3.2	3.1			2.4	2.8
Cadmium			0.22	0.17			0.14	0.12
Chromium			12	12			13	15
Copper			15	18			28	19
Lead	160	1600	110	51	68 J	170 J	330	120
Mercury			0.083 U	0.09 U			0.082 U	0.09 U
Nickel			16	13			14	15
Zinc			40	27			63	38

Table B.10-1
Area 31 - Burning Ground Soil Metals Results

Area	31	31	31	31	31	31	31	31
Sample ID	31-SS-600	31-SS-601	31-SS-602	31-SS-603	31-SS-606	31-SS-608	31-SS-609	31-SS-610
Date Sampled	11/3/99	11/3/99	11/3/99	11/3/99	11/3/99	11/3/99	11/3/99	11/3/99
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	26	88	71	87	63	46	52	12
Lead	28	2000	170	36	180	200	250	40

Area	31	31	31	31	31	31	31	31
Sample ID	31-SS-614	31-SS-621	31-SS-624	31-SS-626	31-SS-627	31-SS-628	31-SS-629	31-SS-631
Date Sampled	11/3/99	11/3/99	11/3/99	11/3/99	11/3/99	11/3/99	11/3/99	11/3/99
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	120	96	63	9.4	4.6 U	33	64	120
Lead	250	220	78	77	4.1	1100	1300	240

Area	31	31	31	31	31	31	31	31
Sample ID	31-SS-632	31-SS-635	31-SS-639	31-SS-640	31-SS-644	31-SS-645	31-SS-646	31-SS-649
Date Sampled	11/3/99	11/3/99	11/3/99	11/3/99	11/3/99	11/3/99	11/3/99	12/23/99
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	43	25	15	10	68	66	20	34
Lead	160	97	47	15	200	110	3.1	520

Area	31	31	31
Sample ID	31-SS-650	31-SS-651	31-SS-658
Date Sampled	12/23/99	12/23/99	12/23/99
Depth	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)			
Arsenic	76	96	96
Lead	200	590	230

Table B.10-1
Area 31 - Burning Ground Soil Metals Results

Area	31	31	31	31	31	31	31	31
Sample ID	31-TP-10,S-2	31-TP-11,S-2	31-TP-12,S-2	31-TP-13,S-2	31-TP-14,S-2	31-TP-15,S-2	31-TP-16,S-2	31-TP-501-S-2-DAVG
Date Sampled	4/28/87	4/28/87	4/28/87	4/28/87	4/28/87	4/28/87	4/28/87	2/26/92
Depth	3 to 6	3 to 6	3 to 6	3 to 6	3 to 6	3 to 6	3 to 6	3 to 6
Total Metals (mg/kg dry)								
Arsenic								2.9
Cadmium								0.14
Chromium								22
Copper								16
Lead	12	9 J	10	60	8 J	24	88	11
Mercury								0.09
Nickel								20
Zinc								42

Area	31	31	31	31	31	31	31
Sample ID	31-TP-501-S-3	31-TP-502-S-2	31-TP-502-S-3	31-TP-504-S-2	31-TP-504-S-3	31-TP-8,S-2	31-TP-9,S-2
Date Sampled	2/26/92	2/26/92	2/26/92	2/26/92	2/26/92	4/28/87	4/28/87
Depth	8 to 10	3 to 6	8 to 10	3 to 6	8 to 10	3 to 6	3 to 6
Total Metals (mg/kg dry)							
Arsenic	2.5	2	1.7	1.7	1.8		
Cadmium	0.099	0.11	0.12	0.053	0.064		
Chromium	20	25	15	13	17		
Copper	16	19	17	14	14		
Lead	10	5.4 U	5.3 U	5.4 U	5.7	12	23
Mercury	0.08 U	0.085 U	0.081 U	0.16	0.1		
Nickel	24	23	17	16	15		
Zinc	36	29	32	23	29		

Table B.10-1
Area 31 - Burning Ground Soil Metals Results

Area	31	31	31	31	31	31	31	31
Sample ID	31-VS-116	31-VS-117	31-VS-118	31-VS-122	31-VS-123	31-VS-124	31-VS-125	31-VS-127
Date Sampled	9/29/99	9/29/99	9/29/99	9/29/99	9/29/99	9/29/99	9/29/99	9/29/99
Depth	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5
Total Metals (mg/kg dry)								
Arsenic	4.5	4.9	5.7	7.5	6.4	4.8	9	5.9
Lead	100	10	230	640	170	53	300	300

Area	31	31	31	31	31	31	31	31
Sample ID	31-VS-129	31-VS-131	31-VS-134	31-VS-136	31-VS-138	31-VS-139	31-VS-140	31-VS-141
Date Sampled	9/29/99	9/29/99	9/29/99	9/29/99	9/29/99	9/29/99	9/29/99	9/29/99
Depth	2 to 4.5	2 to 4.5	2 to 4.5	0 to 0.5	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5
Total Metals (mg/kg dry)								
Arsenic	55	5.5	3.8	12	5.1	4.6	8.7	5.3
Lead	400	100	11	49	29	28	200	87

Area	31	31	31	31	31	31	31	31
Sample ID	31-VS-142	31-VS-144	31-VS-145	31-VS-147	31-VS-148	31-VS-149	31-VS-150	31-VS-151
Date Sampled	9/29/99	9/29/99	9/29/99	9/29/99	9/29/99	9/29/99	9/29/99	9/29/99
Depth	2 to 4.5	0 to 0.5	2 to 4.5	2 to 4.5	2 to 4.5	0 to 0.5	2 to 4.5	2 to 4.5
Total Metals (mg/kg dry)								
Arsenic	6.4	23	8.2	15	4.3	8.2	3.7	4.4
Lead	180	230	440	570	54	180	43	41

Area	31	31	31	31	31	31	31	31
Sample ID	31-VS-154	31-VS-155	31-VS-158	31-VS-159	31-VS-161	31-VS-163-DAVG	31-VS-164	31-VS-165
Date Sampled	9/29/99	9/29/99	9/29/99	9/29/99	9/29/99	9/29/99	9/29/99	9/29/99
Depth	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5	0 to 0.5	2 to 4.5	17 to 30.5	4 to 30
Total Metals (mg/kg dry)								
Arsenic	6.5	11	9.4	4.2	33	7.6	5.5	9.2
Lead	69	280	450	190	450	170	9.1	59

Area	31	31	31	31	31	31	31	31
Sample ID	31-VS-166	31-VS-167	31-VS-168	31-VS-169	31-VS-170	31-VS-172	31-VS-173	31-VS-174
Date Sampled	9/29/99	9/29/99	9/29/99	9/29/99	9/29/99	9/29/99	9/29/99	9/29/99
Depth	4 to 30	4 to 30	5 to 6.5	5 to 6.5	5 to 6.5	5 to 6.5	5 to 6.5	5 to 6.5
Total Metals (mg/kg dry)								
Arsenic	3.3	4.7	4	3.1	3.9	3.4	5.1	5.2
Lead	15	67	74	31	24	5.2	17	18

Table B.10-1
Area 31 - Burning Ground Soil Metals Results

Area	31	31	31	31	31	31	31
Sample ID	31-VS-175-DAVG	31-VS-177	31-VS-178	31-VS-179	31-VS-180	31-VS-181	31-VS-182
Date Sampled	9/29/99	10/18/99	10/18/99	10/19/99	10/18/99	10/19/99	10/18/99
Depth	5 to 6.5	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5
Total Metals (mg/kg dry)							
Arsenic	6.5	6.3	1.8 U	3.6	3.1	2.7	3.5
Lead	270	33	1.5	3.6	4.8	6.1 U	6.1

Area	31	31	31	31	31	31	31	31
Sample ID	31-VS-183	31-VS-186	31-VS-188	31-VS-190	31-VS-192	31-VS-194	31-VS-195	31-VS-197
Date Sampled	10/18/99	10/18/99	10/19/99	10/19/99	10/19/99	10/19/99	10/19/99	10/19/99
Depth	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5
Total Metals (mg/kg dry)								
Arsenic	2.3	2.5	3.1	2.8	2.1	2.6	3.5	3.1
Lead	3	4.8	5.8 U	5.6 U	5.8 U	6.1 U	240	6.6 U

Area	31	31	31	31	31	31	31	31
Sample ID	31-VS-198	31-VS-200	31-VS-201	31-VS-202	31-VS-203	31-VS-205	31-VS-206	31-VS-208
Date Sampled	10/19/99	10/21/99	10/19/99	10/19/99	10/19/99	10/19/99	10/19/99	10/19/99
Depth	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5
Total Metals (mg/kg dry)								
Arsenic	3.1	3.8	4.4	2.6	2.9	2.1	2	1.8 U
Lead	17	77	500	5.8 U	6 U	6.2 U	5.4 U	5.5 U

Area	31	31	31	31	31	31	31	31
Sample ID	31-VS-209	31-VS-210	31-VS-211	31-VS-212	31-VS-216-DAVG	31-VS-26	31-VS-27	31-VS-28
Date Sampled	10/19/99	10/19/99	10/19/99	10/19/99	10/19/99	9/10/99	9/10/99	9/10/99
Depth	2 to 4.5	2 to 4.5	0 to 0.5	0 to 0.5	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5
Total Metals (mg/kg dry)								
Arsenic	2.3	2.7	9.5	45	2.3	18	14	8.7
Lead	90	5.5 U	93	200	6.1 U	94	140	140

Area	31	31	31	31	31	31	31	31
Sample ID	31-VS-29	31-VS-34	31-VS-38	31-VS-39	31-VS-40	31-VS-401	31-VS-402	31-VS-403
Date Sampled	9/10/99	9/10/99	9/13/99	9/13/99	9/13/99	1/25/00	1/25/00	1/25/00
Depth	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5
Total Metals (mg/kg dry)								
Arsenic	21	17	8.8	5.8	5.8	2.1 U	3.1	2.1 U
Lead	360	230	210	550	730	10	250	8.8

Table B.10-1
Area 31 - Burning Ground Soil Metals Results

Area	31	31	31	31	31	31	31	31
Sample ID	31-VS-404	31-VS-405	31-VS-406	31-VS-407	31-VS-408	31-VS-409	31-VS-41	31-VS-410
Date Sampled	1/25/00	1/25/00	1/25/00	1/25/00	1/25/00	1/25/00	9/13/99	1/25/00
Depth	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5
Total Metals (mg/kg dry)								
Arsenic	2.2 U	2 U	2.3 U	2 U	1.8 U	2.5	4.4	1.8 U
Lead	2.3	42	3.2	2 U	1.8 U	2 U	33	5.9

Area	31	31	31	31	31	31	31	31
Sample ID	31-VS-411	31-VS-412	31-VS-413	31-VS-414	31-VS-415	31-VS-416	31-VS-417	31-VS-418
Date Sampled	1/25/00	1/25/00	1/25/00	1/25/00	1/25/00	1/25/00	1/25/00	1/25/00
Depth	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5
Total Metals (mg/kg dry)								
Arsenic	2 U	2.1 U	2.2 U	2 U	2.1 U	2.1 U	2.1 U	2.9
Lead	2 U	2.1 U	9.8	2.1	5.3	2.1 U	2.1 U	4

Area	31	31	31	31	31	31	31	31
Sample ID	31-VS-419	31-VS-42	31-VS-420	31-VS-421	31-VS-422	31-VS-424	31-VS-43	31-VS-434
Date Sampled	1/25/00	9/13/99	1/25/00	1/25/00	1/25/00	1/25/00	9/13/99	1/25/00
Depth	0 to 0.5	2 to 4.5	0 to 0.5	2 to 4.5	0 to 0.5	0 to 0.5	2 to 4.5	2 to 4.5
Total Metals (mg/kg dry)								
Arsenic	23	5.3	52	31	13	46	3.8	2.6 U
Lead	9.6	200	45	25	360	17	220	2.6 U

Area	31	31	31	31	31	31	31	31
Sample ID	31-VS-435	31-VS-436	31-VS-437	31-VS-438	31-VS-439	31-VS-440	31-VS-441	31-VS-442
Date Sampled	1/25/00	1/25/00	1/25/00	1/25/00	1/25/00	1/25/00	1/25/00	1/25/00
Depth	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	130	2.1 U	2.7	2.6	5.6	25	30	8.1
Lead	3.7	2.1 U	2.5	2.6	2.8 U	20	12	9.5

Area	31	31	31	31	31	31	31	31
Sample ID	31-VS-443	31-VS-444	31-VS-446	31-VS-45	31-VS-46	31-VS-501	31-VS-502	31-VS-503-DAVG
Date Sampled	1/28/00	1/28/00	1/28/00	9/13/99	9/13/99	3/7/00	3/7/00	3/7/00
Depth	2 to 4.5	2 to 4.5	0 to 0.5	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5	4 to 30
Total Metals (mg/kg dry)								
Arsenic	4.4	2.6	17	3.2	4.1	6.3 U	6.2 U	6.1 U
Lead	2.5	3	9.7	940	1000	38	9.4	19

Table B.10-1
Area 31 - Burning Ground Soil Metals Results

Area	31	31	31	31	31	31	31	31
Sample ID	31-VS-506	31-VS-509	31-VS-510	31-VS-511	31-VS-512	31-VS-513	31-VS-514	31-VS-515
Date Sampled	4/18/00	4/18/00	4/18/00	4/18/00	4/18/00	4/18/00	4/18/00	4/18/00
Depth	2 to 4.5	0 to 0.5	0 to 0.5	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5
Total Metals (mg/kg dry)								
Arsenic	4.2	4.9	6.8	4.2	4	4.1	2	3.8
Lead	3.4	7.3	9.4	4.2	3.5	3.3	2.1	2.4

Area	31	31	31	31	31	31	31	31
Sample ID	31-VS-516	31-VS-517	31-VS-518-DAVG	31-VS-520	31-VS-521	31-VS-522	31-VS-523	31-VS-524
Date Sampled	4/18/00	4/18/00	4/18/00	4/18/00	4/18/00	4/18/00	4/18/00	4/18/00
Depth	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5
Total Metals (mg/kg dry)								
Arsenic	3.9	3.4	4.8	3.3	5.4	5	27	33
Lead	2.9	2.8	5.5	3.7	5.7	4	25	5.9

Area	31	31	31	31	31	31	31	31
Sample ID	31-VS-57	31-VS-58	31-VS-584	31-VS-585	31-VS-59	31-VS-60	31-VS-606	31-VS-61
Date Sampled	9/13/99	9/13/99	5/9/00	5/9/00	9/13/99	9/13/99	5/24/00	9/13/99
Depth	2 to 4.5	2 to 4.5	0 to 0.5	0 to 0.5	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5
Total Metals (mg/kg dry)								
Arsenic	4	9	57	150	5.3	3.3	6.7	5.8
Lead	280	770	79	150	500	30	4.9	670

Area	31	31	31	31	31	31	31	31
Sample ID	31-VS-63	31-VS-64	31-VS-65	31-VS-66	31-VS-69	31-VS-70	31-VS-71	31-VS-72
Date Sampled	9/13/99	9/13/99	9/13/99	9/13/99	9/13/99	9/13/99	9/13/99	9/13/99
Depth	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5
Total Metals (mg/kg dry)								
Arsenic	4.8	4.9	6.2	11	14	4.9	2 U	4.9
Lead	83	120	350	640	450	190	7.8	31

Area	31	31	31	31	31	31
Sample ID	31-VS-73	31-VS-76	31-VS-77	31-VS-7-DAVG	31-VS-8	31-VS-83-DAVG
Date Sampled	9/13/99	9/13/99	9/13/99	5/10/93	5/10/93	9/13/99
Depth	2 to 4.5	0 to 0.5	0 to 0.5	5 to 5.5	5 to 5.5	2 to 4.5
Total Metals (mg/kg dry)						
Arsenic	3	14	27			13.5
Lead	33	180	180	5.2 U	7.6	1050

Table B.10-2
Area 31 - Burning Ground Soil Explosives Results

Area	31	31	31	31	31	31
Sample ID	31-B-1,S-7	31-B-1,S-9	31-B-501-S-2	31-B-501-S-3	31-B-501-S-4	31-B-502-S-2
Date Sampled	4/20/87	4/20/87	2/18/92	2/18/92	2/18/92	2/19/92
Depth (ft bgs)	17.5 to 19	22 to 22.5	5 to 8	10 to 14.5	15 to 19.5	5 to 8
Explosive (mg/kg)						
1,3,5-Trinitrobenzene			0.032 U	0.032 U	0.034 U	0.032 U
1,3-Dinitrobenzene			0.043 U	0.043 U	0.045 U	0.043 U
2,4,6-Trinitrotoluene	0.08 U	0.08 U	0.0032 U	0.0032 U	0.0034 U	0.0032 U
2,4-Dinitrotoluene	0.08 U	0.08 U	0.0065 U	0.0065 U	0.0067 U	0.0065 U
2,6-Dinitrotoluene	0.08 U	0.08 U	0.0065 U	0.0065 U	0.0067 U	0.0065 U
DNT (Total)	0.16 U	0.16 U	0.013 U	0.013 U	0.0134 U	0.013 U
Monomethylamine Nitrate			5.4 UJ	5.4 U		5.4 U
Nitrobenzene			0.17	0.064 U	0.067 U	0.064 U
Nitroglycerine	0.19 U	0.21 U	0.22 U	0.22 U		0.22 U

Area	31	31-REF	31-REF	31-REF	31-REF	31
Sample ID	31-B-502-S-3	31-B-503-S-2	31-B-503-S-3	31-B-504-S-2	31-B-504-S-3	31-TP-10,S-2
Date Sampled	2/19/92	2/19/92	2/19/92	2/20/92	2/20/92	4/28/87
Depth (ft bgs)	10 to 13	5 to 6.5	10 to 13	5 to 6.5	10 to 11.9	3 to 6
Explosive (mg/kg)						
1,3,5-Trinitrobenzene	0.032 U	0.033 U	0.037 U	0.032 U	0.032 U	
1,3-Dinitrobenzene	0.043 U	0.043 U	0.049 U	0.043 U	0.043 U	
2,4,6-Trinitrotoluene	0.0032 U	0.0033 U	0.0037 U	0.0032 U	0.0032 U	0.07 U
2,4-Dinitrotoluene	0.0064 U	0.0065 U	0.0074 U	0.0065 U	0.0064 U	0.07 U
2,6-Dinitrotoluene	0.0064 U	0.0065 U	0.0074 U	0.0065 U	0.0064 U	0.07 U
DNT (Total)	0.0128 U	0.013 U	0.0148 U	0.013 U	0.0128 U	0.14 U
Monomethylamine Nitrate	5.4 UJ					
Nitrobenzene	0.064 U	0.14	0.073 U	0.064 U	0.064 U	
Nitroglycerine	0.21 U					0.18 U

Table B.10-2
Area 31 - Burning Ground Soil Explosives Results

Area	31	31	31	31	31	31
Sample ID	31-TP-11,S-2	31-TP-12,S-2	31-TP-13,S-2	31-TP-14,S-2	31-TP-15,S-2	31-TP-16,S-2
Date Sampled	4/28/87	4/28/87	4/28/87	4/28/87	4/28/87	4/28/87
Depth (ft bgs)	3 to 6	3 to 6	3 to 6	3 to 6	3 to 6	3 to 6
Explosive (mg/kg)						
1,3,5-Trinitrobenzene						
1,3-Dinitrobenzene						
2,4,6-Trinitrotoluene	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
2,4-Dinitrotoluene	0.07 U	0.07 U	0.07 U	0.07 U	0.7	0.07 U
2,6-Dinitrotoluene	0.07 U	0.07 U	0.07 U	0.07 U	1.1	0.07 U
DNT (Total)	0.14 U	0.14 U	0.14 U	0.14 U	1.8	0.14 U
Monomethylamine Nitrate						
Nitrobenzene						
Nitroglycerine	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U

Area	31-REF	31-REF	31-REF	31-REF	31-REF	31-REF
Sample ID	31-TP-17,S-2	31-TP-18,S-2	31-TP-19,S-1	31-TP-19,S-2	31-TP-21,S-1-DAVG	31-TP-21,S-2
Date Sampled	4/28/87	4/28/87	4/28/87	4/28/87	4/28/87	4/28/87
Depth (ft bgs)	3 to 6	3 to 6	0 to 3	3 to 6	0 to 3	3 to 6
Explosive (mg/kg)						
1,3,5-Trinitrobenzene						
1,3-Dinitrobenzene						
2,4,6-Trinitrotoluene	0.07 U	0.07 U	0.07 U	0.07 U		
2,4-Dinitrotoluene	0.07 U	0.07 U	0.07 U	0.07 U	0.08 U	0.07 U
2,6-Dinitrotoluene	0.07 U	0.07 U	0.07 U	0.07 U	0.08 U	0.07 U
DNT (Total)	0.14 U	0.14 U	0.14 U	0.14 U	0.16 U	0.14 U
Monomethylamine Nitrate						
Nitrobenzene						
Nitroglycerine	0.18 U	0.18 U	0.19 U	0.18 U	0.19 U	0.18 U

Table B.10-2
Area 31 - Burning Ground Soil Explosives Results

Area	31	31	31	31	31-REF	31-REF
Sample ID	31-TP-501-S-2-DAVG	31-TP-501-S-3	31-TP-502-S-2	31-TP-502-S-3	31-TP-503-S-1	31-TP-503-S-2
Date Sampled	2/26/92	2/26/92	2/26/92	2/26/92	2/27/92	2/27/92
Depth (ft bgs)	3 to 6	8 to 10	3 to 6	8 to 10	0 to 1	3 to 6
Explosive (mg/kg)						
1,3,5-Trinitrobenzene	0.032 U	0.032 U	0.032 U	0.032 U	0.038 U	0.032 U
1,3-Dinitrobenzene	0.043 U	0.042 U	0.043 U	0.042 U	0.051 U	0.043 U
2,4,6-Trinitrotoluene	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0038 U	0.0032 U
2,4-Dinitrotoluene	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0077 U	0.0064 U
2,6-Dinitrotoluene	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0077 U	0.0064 U
DNT (Total)	0.0128 U	0.0128 U	0.0128 U	0.0128 U	0.0154 U	0.0128 U
Monomethylamine Nitrate						
Nitrobenzene	0.064 U	0.063 U	0.064 U	0.063 U	0.076 U	0.064 U
Nitroglycerine	0.21 U	0.21 U	0.22 U	0.21 U		

Area	31	31	31-REF	31-REF	31-REF	31-REF
Sample ID	31-TP-504-S-2	31-TP-504-S-3	31-TP-505-S-1-DAVG	31-TP-505-S-2	31-TP-506-S-1	31-TP-506-S-2
Date Sampled	2/26/92	2/26/92	2/27/92	2/27/92	2/27/92	2/27/92
Depth (ft bgs)	3 to 6	8 to 10	0 to 1	3 to 6	0 to 1	3 to 6
Trinitrobenzene, 1,3,5-	0.032 UJ	0.032 U	0.04 U	0.032 U	0.036 U	0.033 U
Dinitrobenzene, 1,3-	0.043 U	0.042 U	0.054 U	0.042 U	0.048 U	0.044 U
Trinitrotoluene, 2,4,6-	0.0032 U	0.0032 U	0.004 U	0.0032 U	0.0036 U	0.0033 U
Dinitrotoluene, 2,4-	0.0065 U	0.0063 U	0.0081 U	0.0063 U	0.0072 U	0.0066 U
Dinitrotoluene, 2,6-	0.0065 U	0.0063 U	0.0081 U	0.0063 U	0.0072 U	0.0066 U
DNT - Total	0.013 U	0.0126 U	0.0162 U	0.0126 U	0.0144 U	0.0132 U
Nitrobenzene	0.064 U	0.063 U	0.08 U	0.063 U	0.071 U	0.065 U
Nitroglycerine	0.22 U	0.21 U				

Table B.10-2
Area 31 - Burning Ground Soil Explosives Results

Area	31-REF	31-REF	31-REF	31-REF	31-REF	31-REF
Sample ID	31-TP-507-S-1	31-TP-507-S-2	31-TP-507-S-3	31-TP-508-S-2	31-TP-508-S-3	31-TP-7,S-2
Date Sampled	2/27/92	2/27/92	2/27/92	2/27/92	2/27/92	4/28/87
Depth (ft bgs)	0 to 1	3 to 6	8 to 10	1 to 4	6 to 8	3 to 6
Trinitrobenzene, 1,3,5-	0.041 U	0.033 U	0.032 U	0.038 U	0.032 U	
Dinitrobenzene, 1,3-	0.054 U	0.043 U	0.042 U	0.051 U	0.043 U	
Trinitrotoluene, 2,4,6-	0.0041 U	0.0033 U	0.0032 U	0.0038 U	0.0032 U	0.07 U
Dinitrotoluene, 2,4-	0.0081 U	0.0065 U	0.0063 U	0.0076 U	0.0064 U	0.07 U
Dinitrotoluene, 2,6-	0.0081 U	0.0065 U	0.0063 U	0.0076 U	0.0064 U	0.07 U
DNT - Total	0.0162 U	0.013 U	0.0126 U	0.0152 U	0.0128 U	0.14 U
Nitrobenzene	0.08 U	0.065 U	0.063 U	0.076 U	0.064 U	
Nitroglycerine						0.18 U

Area	31	31	31	31	31
Sample ID	31-TP-8,S-2	31-TP-9,S-2	31-VS-18	31-VS-7-DAVG	31-VS-8
Date Sampled	4/28/87	4/28/87	7/29/93	5/10/93	5/10/93
Depth (ft bgs)	3 to 6	3 to 6	2.5 to 3	5 to 5.5	5 to 5.5
Trinitrobenzene, 1,3,5-			0.033 U	0.031 U	0.032 U
Dinitrobenzene, 1,3-			0.043 U	0.042 U	0.042 U
Trinitrotoluene, 2,4,6-	0.07 U	0.07 U	0.0033 U	0.0031 U	0.006
Dinitrotoluene, 2,4-	0.07 U	0.07 U	0.007 U	0.006 U	0.006 U
Dinitrotoluene, 2,6-	0.07 U	0.07 U	0.007 U	0.006 U	0.006 U
DNT - Total	0.14 U	0.14 U	0.014 U	0.012 U	0.012 U
Nitrobenzene			0.065 U	0.062 U	0.063 U
Nitroglycerine	0.18 U	0.18 U			

Table B.10-3
Area 31 - Burning Ground Soil SVOC Results

Area	31-BURN	31-BURN	31-BURN	31-BURN	31-BURN
Sample ID	31-B-501-S-2	31-B-501-S-3	31-B-502-S-2	31-B-502-S-3	31-TP-501-S-2-DAVG
Date Sampled	2/18/92	2/18/92	2/19/92	2/19/92	2/26/92
Depth	5 to 8	10 to 14.5	5 to 8	10 to 13	3 to 6
Semivolatiles (mg/kg dry)					
1,2,4-Trichlorobenzene	0.18 U	0.18 U	0.17 U	0.18 U	0.18 U
1,2-Dichlorobenzene	0.18 U	0.18 U	0.17 U	0.18 U	0.18 U
1,3-Dichlorobenzene	0.18 U	0.18 U	0.17 U	0.18 U	0.18 U
1,4-Dichlorobenzene	0.18 U	0.18 U	0.17 U	0.18 U	0.18 U
2,4,5-Trichlorophenol	0.91 U	0.92 U	0.89 U	0.91 U	0.92 U
2,4,6-Trichlorophenol	0.18 U	0.18 U	0.17 U	0.18 U	0.18 U
2,4-Dichlorophenol	0.18 U	0.18 U	0.17 U	0.18 U	0.18 U
2,4-Dimethylphenol	0.18 U	0.18 U	0.17 U	0.18 U	0.18 U
2,4-Dinitrophenol	0.91 U	0.92 U	0.89 U	0.91 U	0.92 U
2-Chloronaphthalene	0.18 U	0.18 U	0.17 U	0.18 U	0.18 U
2-Chlorophenol	0.18 U	0.18 U	0.17 U	0.18 U	0.18 U
2-Methylphenol	0.18 U	0.18 U	0.17 U	0.18 U	0.18 U
2-Nitroaniline	0.91 U	0.92 U	0.89 U	0.91 U	0.92 U
2-Nitrophenol	0.18 U	0.18 U	0.17 U	0.18 U	0.18 U
3,3'-Dichlorobenzidine	0.37 U	0.37 U	0.36 U	0.36 U	0.37 U
3-Nitroaniline	0.91 U	0.92 U	0.89 U	0.91 U	0.92 U
4,6-Dinitro-2-Methylphenol	0.91 U	0.92 U	0.89 U	0.91 U	0.92 U
4-Bromophenyl Phenyl Ether	0.18 U	0.18 U	0.17 U	0.18 U	0.18 U
4-Chloroaniline	0.18 U	0.18 U	0.17 U	0.18 U	0.18 U
4-Chlorophenyl-Phenylether	0.18 U	0.18 U	0.17 U	0.18 U	0.18 U
4-Methylphenol	0.18 U	0.18 U	0.17 U	0.18 U	0.18 U
4-Nitroaniline	0.91 U	0.92 U	0.89 U	0.91 U	0.92 U
4-Nitrophenol	0.91 U	0.92 U	0.89 U	0.91 U	0.92 U
Aniline	0.18 U	0.18 U	0.17 U	0.18 U	0.18 U
Benzidine	1.8 U	1.8 U	1.7 U	1.8 U	1.8 U
Benzoic Acid	0.91 U	0.92 U	0.89 U	0.91 U	0.92 U
Benzyl Alcohol	0.18 U	0.18 U	0.17 U	0.18 U	0.18 U
Bis(2-Chloroethoxy) Methane	0.18 U	0.18 U	0.17 U	0.18 U	0.18 U
Bis(2-Chloroethyl) Ether	0.18 U	0.18 U	0.17 U	0.18 U	0.18 U
Bis(2-Chloroisopropyl) Ether	0.18 U	0.18 U	0.17 U	0.18 U	0.18 U
Bis(2-Ethylhexyl)Phthalate	0.098 J	0.13 J	0.17 U	0.072 J	0.18 U
Butylbenzylphthalate	0.18 U	0.18 U	0.17 U	0.18 U	0.18 U
Di-N-Butylphthalate	0.18 U	0.18 U	0.17 U	0.41 U	0.18 U
Di-N-Octylphthalate	0.18 U	0.041 U	0.17 U	0.18 U	0.18 U
Dibenzofuran	0.18 U	0.18 U	0.17 U	0.18 U	0.18 U
Diethylphthalate	0.18 U	0.18 U	0.17 U	0.18 U	0.18 U
Dimethylphthalate	0.18 U	0.18 U	0.17 U	0.18 U	0.18 U
Hexachlorobenzene	0.18 U	0.18 U	0.17 U	0.18 U	0.18 U
Hexachlorobutadiene	0.18 U	0.18 U	0.17 U	0.18 U	0.18 U
Hexachlorocyclopentadiene	0.18 U	0.18 U	0.17 U	0.18 U	0.18 U
Hexachloroethane	0.18 U	0.18 U	0.17 U	0.18 U	0.18 U
Isophorone	0.18 U	0.18 U	0.17 U	0.18 U	0.18 U
N-Nitroso-Di-Phenylamine	0.18 U	0.18 U	0.17 U	0.18 U	0.18 U
N-Nitroso-Di-Propylamine	0.18 U	0.18 U	0.17 U	0.18 U	0.18 U
N-Nitroso-Dimethylamine	0.18 U	0.18 U	0.17 U	0.18 U	0.18 U
Pentachlorophenol	0.18 U	0.18 U	0.17 U	0.18 U	0.18 U
Phenol	0.18 U	0.18 U	0.17 U	0.18 U	0.18 U

Table B.10-3
Area 31 - Burning Ground Soil SVOC Results

Area	31-BURN	31-BURN	31-REF	31-REF
Sample ID	31-TP-502-S-2	31-TP-504-S-2	31-TP-508-S-2	31-TP-508-S-3
Date Sampled	2/26/92	2/26/92	2/27/92	2/27/92
Depth	3 to 6	3 to 6	1 to 4	6 to 8
Semivolatiles (mg/kg dry)				
1,2,4-Trichlorobenzene	0.18 U	0.18 U	0.23 U	0.18 U
1,2-Dichlorobenzene	0.18 U	0.18 U	0.23 U	0.18 U
1,3-Dichlorobenzene	0.18 U	0.18 U	0.23 U	0.18 U
1,4-Dichlorobenzene	0.18 U	0.18 U	0.23 U	0.18 U
2,4,5-Trichlorophenol	0.91 U	0.92 U	1.1 U	0.91 U
2,4,6-Trichlorophenol	0.18 U	0.18 U	0.23 U	0.18 U
2,4-Dichlorophenol	0.18 U	0.18 U	0.23 U	0.18 U
2,4-Dimethylphenol	0.18 U	0.18 U	0.23 U	0.18 U
2,4-Dinitrophenol	0.91 U	0.92 U	1.1 U	0.91 U
2-Chloronaphthalene	0.18 U	0.18 U	0.23 U	0.18 U
2-Chlorophenol	0.18 U	0.18 U	0.23 U	0.18 U
2-Methylphenol	0.18 U	0.18 U	0.23 U	0.18 U
2-Nitroaniline	0.91 U	0.92 U	1.1 U	0.91 U
2-Nitrophenol	0.18 U	0.18 U	0.23 U	0.18 U
3,3'-Dichlorobenzidine	0.36 U	0.37 U	0.46 U	0.36 U
3-Nitroaniline	0.91 U	0.92 U	1.1 U	0.91 U
4,6-Dinitro-2-Methylphenol	0.91 U	0.92 U	1.1 U	0.91 U
4-Bromophenyl Phenyl Ether	0.18 U	0.18 U	0.23 U	0.18 U
4-Chloroaniline	0.18 U	0.18 U	0.23 U	0.18 U
4-Chlorophenyl-Phenylether	0.18 U	0.18 U	0.23 U	0.18 U
4-Methylphenol	0.18 U	0.18 U	0.23 U	0.18 U
4-Nitroaniline	0.91 U	0.92 U	1.1 U	0.91 U
4-Nitrophenol	0.91 U	0.92 U	1.1 U	0.91 U
Aniline	0.18 U	0.18 U	0.23 U	0.18 U
Benzidine	1.8 U	1.8 U	2.3 U	1.8 U
Benzoic Acid	0.91 U	0.92 U	1.1 U	0.91 U
Benzyl Alcohol	0.18 U	0.18 U	0.23 U	0.18 U
Bis(2-Chloroethoxy) Methane	0.18 U	0.18 U	0.23 U	0.18 U
Bis(2-Chloroethyl) Ether	0.18 U	0.18 U	0.23 U	0.18 U
Bis(2-Chloroisopropyl) Ether	0.18 U	0.18 U	0.23 U	0.18 U
Bis(2-Ethylhexyl)Phthalate	0.18 U	0.18 U	0.23 U	0.18 U
Butylbenzylphthalate	0.18 U	0.18 U	0.23 U	0.18 U
Di-N-Butylphthalate	0.18 U	0.18 U	0.23 U	0.18 U
Di-N-Octylphthalate	0.18 U	0.18 U	0.23 U	0.18 U
Dibenzofuran	0.18 U	0.18 U	0.23 U	0.18 U
Diethylphthalate	0.18 U	0.18 U	0.23 U	0.18 U
Dimethylphthalate	0.18 U	0.18 U	0.23 U	0.18 U
Hexachlorobenzene	0.18 U	0.18 U	0.23 U	0.18 U
Hexachlorobutadiene	0.18 U	0.18 U	0.23 U	0.18 U
Hexachlorocyclopentadiene	0.18 U	0.18 U	0.23 U	0.18 U
Hexachloroethane	0.18 U	0.18 U	0.23 U	0.18 U
Isophorone	0.18 U	0.18 U	0.23 U	0.18 U
N-Nitroso-Di-Phenylamine	0.18 U	0.18 U	0.23 U	0.18 U
N-Nitroso-Di-Propylamine	0.18 U	0.18 U	0.23 U	0.18 U
N-Nitroso-Dimethylamine	0.18 U	0.18 U	0.23 U	0.18 U
Pentachlorophenol	0.18 U	0.18 U	0.23 U	0.18 U
Phenol	0.18 U	0.18 U	0.23 U	0.18 U

Table B.10-4
Area 31 - Burning Ground Soil PAH Results

Area	31	31	31	31	31	31
Sample ID	31-B-501-S-2	31-B-501-S-3	31-B-502-S-2	31-B-502-S-3	31-TP-501-S-2-DAVG	31-TP-501-S-3
Date Sampled	2/18/92	2/18/92	2/19/92	2/19/92	2/26/92	2/26/92
Depth	5 to 8	10 to 14.5	5 to 8	10 to 13	3 to 6	8 to 10
PAH (mg/kg dry)						
Benzo(a)Anthracene	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U
Benzo(a)Pyrene	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U
Benzo(b)Fluoranthene	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U
Benzo(k)Fluoranthene	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U
Chrysene	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U
Dibenzo(a,h)Anthracene	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.036 U
Indeno(1,2,3-c,d)Pyrene	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U
Total Carcinogenic PAHs (BaP TEQs)	*0.060598 U*	*0.060598 U*	*0.060598 U*	*0.060598 U*	*0.060598 U*	*0.059598 U*
2-Methylnaphthalene	0.18 U	0.18 U	0.17 U	0.18 U	0.18 U	
Acenaphthene	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Acenaphthylene	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Anthracene	0.0091 U	0.009 U	0.0089 U	0.036	0.009 U	0.0089 U
Benzo(g,h,i)Perylene	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U
Fluoranthene	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U
Fluorene	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U
Naphthalene	0.091 U	0.09 U	0.089 U	0.089 U	0.09 U	0.089 U
Phenanthrene	0.0091	0.009 U	0.0089 U	0.0089 U	0.009 U	0.0089 U
Pyrene	0.018	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U
Total Non-carcinogenic PAHs	*0.37415*	*0.72 U*	*0.7088 U*	*0.39095*	*0.72 U*	*0.5388 U*

Area	31	31	31	31	31-REF	31-REF
Sample ID	31-TP-502-S-2	31-TP-502-S-3	31-TP-504-S-2	31-TP-504-S-3	31-TP-508-S-2	31-TP-508-S-3
Date Sampled	2/26/92	2/26/92	2/26/92	2/26/92	2/27/92	2/27/92
Depth	3 to 6	8 to 10	3 to 6	8 to 10	1 to 4	6 to 8
PAH (mg/kg dry)						
Benzo(a)Anthracene	0.018 U	0.018 U	0.018 U	0.018 U	0.23	0.18 U
Benzo(a)Pyrene	0.018 U	0.018 U	0.018 U	0.018 U	0.22	0.17 U
Benzo(b)Fluoranthene	0.018 U	0.018 U	0.018 U	0.018 U	0.15	0.12 U
Benzo(k)Fluoranthene	0.018 U	0.018 U	0.018 U	0.018 U	0.17	0.13 U
Chrysene	0.018 U	0.018 U	0.018 U	0.018 U	0.36	0.28 U
Dibenzo(a,h)Anthracene	0.037 U	0.036 U	0.037 U	0.036 U	0.048	0.038 U
Indeno(1,2,3-c,d)Pyrene	0.018 U	0.018 U	0.018 U	0.018 U	0.14	0.011 U
Total Carcinogenic PAHs (BaP TEQs)	*0.060598 U*	*0.059598 U*	*0.060598 U*	*0.059598 U*	*0.32206*	*0.24068 U*
2-Methylnaphthalene	0.18 U		0.18 U		0.23 U	0.18 U
Acenaphthene	0.18 U	0.18 U	0.18 U	0.18 U	0.23 U	0.18 U
Acenaphthylene	0.18 U	0.18 U	0.18 U	0.18 U	0.23 U	0.18 U
Anthracene	0.0089 U	0.0088 U	0.0089 U	0.0088 U	0.068	0.054 U
Benzo(g,h,i)Perylene	0.018 U	0.018 U	0.018 U	0.018 U	0.1	0.076 U
Fluoranthene	0.018 U	0.018 U	0.018 U	0.018 U	0.054 J	0.018 U
Fluorene	0.018 U	0.018 U	0.018 U	0.018 U	0.023 U	0.018 U
Naphthalene	0.089 U	0.088 U	0.089 U	0.088 U	0.11 U	0.09 U
Phenanthrene	0.0089 U	0.0088 U	0.0089 U	0.0088 U	0.2	0.16 U
Pyrene	0.018 U	0.018 U	0.018 U	0.018 U	0.54	0.42 U
Total Non-carcinogenic PAHs	*0.7188 U*	*0.5376 U*	*0.7188 U*	*0.5376 U*	*1.3735*	*1.376 U*

Table B.10-5
Area 31 - Burning Ground Soil PCB Results

Area	31	31	31	31-REF
Sample ID	31-TP-501-S-2-DAVG	31-TP-502-S-2	31-TP-504-S-2	31-TP-508-S-2
Date Sampled	2/26/92	2/26/92	2/26/92	2/27/92
Depth	3 to 6	3 to 6	3 to 6	1 to 4
PCBs (mg/kg dry)				
PCB-1016	0.036 U	0.036 U		0.045 U
PCB-1221	0.036 U	0.036 U		0.045 U
PCB-1232	0.036 U	0.036 U		0.045 U
PCB-1242	0.036 U	0.036 U	0.036 U	0.045 U
PCB-1248	0.036 U	0.036 U	0.036 U	0.045 U
PCB-1254	0.036 U	0.036 U	0.036 U	0.045 U
PCB-1260	0.036 U	0.036 U	0.036 U	0.045 U

Table B.10-6
Area 31 - Burning Ground Soil TPH Results

Area	31	31	31	31	31	31	31	31
Sampled ID	31-B-1,S-7	31-B-1,S-9	31-B-501-S-2	31-B-501-S-3	31-B-501-S-4	31-B-502-S-2	31-B-502-S-3	31-TP-10,S-2
Date Sampled	4/20/87	4/20/87	2/18/92	2/18/92	2/18/92	2/19/92	2/19/92	4/28/87
Depth	17.5 to 19	22 to 22.5	5 to 8	10 to 14.5	15 to 19.5	5 to 8	10 to 13	3 to 6
TPH (mg/kg dry)								
TPH Scan			20 U	20 U	20 U	20 U	20 U	
Oil And Grease	180 X	20 UX						20 UX

Area	31	31	31	31	31	31	31-REF	31-REF
Sampled ID	31-TP-11,S-2	31-TP-12,S-2	31-TP-13,S-2	31-TP-14,S-2	31-TP-15,S-2	31-TP-16,S-2	31-TP-17,S-2	31-TP-18,S-2
Date Sampled	4/28/87	4/28/87	4/28/87	4/28/87	4/28/87	4/28/87	4/28/87	4/28/87
Depth	3 to 6	3 to 6	3 to 6	3 to 6	3 to 6	3 to 6	3 to 6	3 to 6
TPH (mg/kg dry)								
TPH Scan								
Oil And Grease	20 UX	20 UX	20 UX	20 UX	20 UX	20 UX	20 UX	20 UX

Area	31-REF	31-REF	31-REF	31-REF	31	31	31	31
Sampled ID	31-TP-19,S-1	31-TP-19,S-2	31-TP-21,S-1-DAVG	31-TP-21,S-2	31-TP-501-S-2-DAVG	31-TP-501-S-3	31-TP-502-S-2	31-TP-502-S-3
Date Sampled	4/28/87	4/28/87	4/28/87	4/28/87	2/26/92	2/26/92	2/26/92	2/26/92
Depth	0 to 3	3 to 6	0 to 3	3 to 6	3 to 6	8 to 10	3 to 6	8 to 10
TPH (mg/kg dry)								
TPH Scan					20 U	20 U	20 U	20 U
Oil And Grease	20 UX	20 UX	20 UX	20 UX				

Area	31	31	31-REF	31-REF	31-REF	31	31
Sampled ID	31-TP-504-S-2	31-TP-504-S-3	31-TP-508-S-2	31-TP-508-S-3	31-TP-7,S-2	31-TP-8,S-2	31-TP-9,S-2
Date Sampled	2/26/92	2/26/92	2/27/92	2/27/92	4/28/87	4/28/87	4/28/87
Depth	3 to 6	8 to 10	1 to 4	6 to 8	3 to 6	3 to 6	3 to 6
TPH (mg/kg dry)							
TPH Scan	20 U	20 U	200 J	20 U			
Oil And Grease					20 UX	20 UX	20 UX

Table B.11-1
Area 38 - Carton Production Area and Drywell Soil Metals Results

Area	38	38	38	38	38	38	38	38
Sample ID	01-C004-SS[38-VS-152]C2-2.00	38-B-501-S-3	38-B-501-S-5	38-B-501-S-7	38-HA-502-S-1	38-HA-502-S-2	38-HA-503-S-1	38-HA-503-S-2
Date Sampled	8/1/01	3/25/92	3/25/92	3/25/92	10/30/92	10/30/92	10/30/92	10/30/92
Depth	0 to 0.5	11.5 to 13	15 to 16.5	20 to 23	0 to 1	2 to 3	0 to 1	2 to 3
Total Metals (mg/kg dry)								
Aluminum		6100	9000	6000				
Antimony		0.35 J						
Arsenic	330	2.6	1.6	1.5	32 J	4.1 J	31 J	4.9 J
Beryllium		0.12	0.14	0.1 U				
Cadmium		0.26 J	0.14 J	0.072 J	0.38	0.19	1.1	0.1
Chromium		7	12 J	7.6				
Copper		330	22	14				
Lead	44	31	8.2	6.2	25 J	6.2 UJ	39 J	6.2 UJ
Mercury		0.87 J	0.14 J	0.1 UJ	0.3	0.11 U	0.28	0.11 U
Nickel		9.5	13	9.5				
Selenium		0.27 UJ	0.27 UJ	0.26 UJ				
Silver		0.19 J	0.047 J	0.025 J				
Thallium		0.27 UJ	0.27 UJ	0.26 UJ				
Zinc		54	63	34				

Table B.11-1
Area 38 - Carton Production Area and Drywell Soil Metals Results

Area	38	38	38	38	38	38	38	38
Sample ID	38-SS-401	38-SS-501	38-SS-505	38-SS-507	38-SS-508	38-SS-509	38-SS-510	38-SS-511
Date Sampled	11/10/93	4/20/92	4/20/92	4/20/92	4/20/92	4/20/92	4/20/92	4/21/92
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Aluminum		18000	9200	13000	13000	15000	14000	14000
Antimony		3.2 U	3 U	3.3	3.3	3.2 U	3.1 U	2.7 U
Arsenic	13 J	220	50	60	270	59	110	25
Beryllium		0.42	0.2	0.25	0.28	0.44	0.4	0.32
Cadmium		1.9	0.13	0.32	0.68	1.6	0.79	0.14
Chromium		14	10	12	20	11	10	14
Copper		38	23	19	35	55	51	17
Lead		120	38	84	340	120	200	38
Mercury		0.19	0.21	0.13	0.17	0.23	11	7.2
Nickel		17	15	18	18	17	15	20
Selenium		0.65	0.3 U	0.29 U	0.31 U	0.49	0.3 U	0.29 U
Silver		0.58	0.46	0.28 U	0.46	0.51	0.43	0.28 U
Thallium		0.34 U	0.3 U	0.29 U	0.31 U	0.32 U	0.3 U	0.29 U
Zinc		76	45	69	200	130	120	47

Table B.11-1
Area 38 - Carton Production Area and Drywell Soil Metals Results

Area	38	38	38	38	38	38	38	38
Sample ID	38-SS-512	38-SS-514	38-SS-515	38-SS-516-DAVG	38-SS-517	38-SS-518	38-SS-519	38-SS-520
Date Sampled	4/21/92	10/30/92	10/30/92	10/30/92	10/30/92	10/30/92	10/30/92	10/30/92
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Aluminum	23000							
Antimony	4.2 U							
Arsenic	180	475 J	35 J	135 J	62 J	47 J	59 J	61 J
Beryllium	0.6							
Cadmium	1.9	0.16	0.2	1	2	2.1	0.25	0.38
Chromium	22							
Copper	72							
Lead	420	36 J	32 J	500	120 J	1200 J	110 J	18 J
Mercury	6	0.66	0.19	0.97	0.28	1.2	1.2	0.13 U
Nickel	23							
Selenium	0.76							
Silver	0.77							
Thallium	0.41 U							
Zinc	470							

Table B.11-1
Area 38 - Carton Production Area and Drywell Soil Metals Results

Area	38	38	38	38	38	38	38	38
Sample ID	38-VS-101	38-VS-102	38-VS-57	38-VS-58	38-VS-59	38-VS-60	38-VS-61	38-VS-62
Date Sampled	10/10/95	10/10/95	9/28/99	9/28/99	9/28/99	9/28/99	9/28/99	9/28/99
Depth	0 to 0.5	0 to 0.5	0 to 0.5	1 to 2.5	1 to 2.5	0 to 0.5	0 to 0.5	1 to 2.5
Total Metals (mg/kg dry)								
Aluminum								
Antimony								
Arsenic	6.2	3.2	45	19	35	39	84	8.9
Beryllium								
Cadmium	0.55	0.51						
Chromium								
Copper								
Lead	13	15	44	18	19	25	150	11
Mercury	4.2	2.7						
Nickel								
Selenium								
Silver								
Thallium								
Zinc								

Table B.11-1
Area 38 - Carton Production Area and Drywell Soil Metals Results

Area	38	38	38	38	38	38	38	38
Sample ID	38-VS-63	38-VS-66	38-VS-67	38-VS-69	38-VS-70	38-VS-71	38-VS-72	38-VS-7-S-1
Date Sampled	9/28/99	9/28/99	9/28/99	9/28/99	9/28/99	9/28/99	9/28/99	7/15/92
Depth	1 to 2.5	1 to 2.5	1 to 2.5	0 to 0.5	1 to 2.5	1 to 2.5	0 to 0.5	0 to 1
Total Metals (mg/kg dry)								
Aluminum								
Antimony								
Arsenic	21	280	15	120	13	110	77	35
Beryllium								
Cadmium								0.28
Chromium								11
Copper								31
Lead	12	39	11	100	9.6	15	150	68
Mercury								0.93
Nickel								14
Selenium								
Silver								
Thallium								
Zinc								94

Table B.11-1
Area 38 - Carton Production Area and Drywell Soil Metals Results

Area	38	38
Sample ID	38-VS-7-S-2	RR-557
Date Sampled	7/15/92	12/2/93
Depth	3 to 6	0 to 0.5
Total Metals (mg/kg dry)		
Aluminum		
Antimony		
Arsenic	6.2	55
Beryllium		
Cadmium	0.17	
Chromium	18	
Copper	9.6	
Lead	130	160 J
Mercury	0.15	
Nickel	19	
Selenium		
Silver		
Thallium		
Zinc	68	

Table B.11-2
Area 38 - Carton Production Area and Drywell Soil Explosives Results

Area	38	38	38	38
Sample ID	38-B-501-S-2	38-B-501-S-6	38-B-501-S-7	38-SS-512
Date Sampled	3/25/92	3/25/92	3/25/92	4/21/92
Depth	10 to 11.5	16.5 to 19.5	20 to 23	0 to 0.5
Explosives (mg/kg dry)				
2,4-Dinitrotoluene	1.9 U	0.18 U	0.18 U	0.28 U
2,6-Dinitrotoluene	1.9 U	0.18 U	0.18 U	0.28 U
Nitrobenzene	1.9 U	0.18 U	0.18 U	0.28 U

Table B.11-3
Area 38 - Carton Production Area and Drywell Soil VOC Results

Area	38	38	38
Sample ID	38-B-501-S-3	38-B-501-S-7	38-VS-2
Date Sampled	3/25/92	3/25/92	6/30/92
Depth	11.5 to 13	20 to 23	6 to 6.5
Volatiles (mg/kg dry)			
1,1,1-Trichloroethane	0.055 U	0.054 U	
1,1,2,2-Tetrachloroethane	0.055 U	0.054 U	
1,1,2-Trichloroethane	0.055 U	0.054 U	
1,1-Dichloroethane	0.055 U	0.054 U	
1,1-Dichloroethene	0.055 U	0.054 U	
1,2-Dichloroethane	0.055 U	0.054 U	
1,2-Dichloroethene(Total)	0.055 U	0.054 U	
1,2-Dichloropropane	0.055 U	0.054 U	
1,3(cis)-Dichloropropene	0.055 U	0.054 U	
1,3(trans)-Dichloropropene	0.055 U	0.054 U	
2-Butanone	0.55 U	0.54 U	
2-Hexanone	0.55 U	0.54 U	
4-Methyl-2-Pentanone	0.55 U	0.54 U	
Acetone	1.1 U	1.4 U	
Benzene	0.055 U	0.054 U	0.027 U
Bromodichloromethane	0.055 U	0.054 U	
Bromoform	0.27 U	0.27 U	
Bromomethane	0.55 U	0.54 U	
Carbon Disulfide	0.055 U	0.054 U	
Carbon Tetrachloride	0.055 U	0.054 U	
Chlorobenzene	0.055 U	0.054 U	
Chloroethane	0.055 U	0.054 U	
Chloroform	0.055 U	0.054 U	
Chloromethane	0.55 U	0.54 U	
Dibromochloromethane	0.055 U	0.054 U	
Ethylbenzene	0.055 U	0.054 U	0.027 U
Methylene Chloride	0.27 U	0.27 U	
Styrene	0.055 U	0.054 U	
Tetrachloroethene	0.055 U	0.054 U	
Toluene	0.055 U	0.054 U	0.027 U
Trichloroethene	0.055 U	0.054 U	
Vinyl Acetate	0.55 U	0.54 U	
Vinyl Chloride	0.055 U	0.054 U	
Xylene(Total)	0.055 U	0.054 U	0.027 U

Table B.11-3
Area 38 - Carton Production Area and Drywell Soil VOC Results

Area	38	38	38	38
Sample ID	38-VS-3	38-VS-4	38-VS-5	38-VS-6
Date Sampled	6/30/92	6/30/92	6/30/92	6/30/92
Depth	3 to 3.5	3 to 3.5	3 to 3.5	3 to 3.5
Volatiles (mg/kg dry)				
1,1,1-Trichloroethane				
1,1,2,2-Tetrachloroethane				
1,1,2-Trichloroethane				
1,1-Dichloroethane				
1,1-Dichloroethene				
1,2-Dichloroethane				
1,2-Dichloroethene(Total)				
1,2-Dichloropropane				
1,3(cis)-Dichloropropene				
1,3(trans)-Dichloropropene				
2-Butanone				
2-Hexanone				
4-Methyl-2-Pentanone				
Acetone				
Benzene	0.026 U	0.027 U	0.027 U	0.026 U
Bromodichloromethane				
Bromoform				
Bromomethane				
Carbon Disulfide				
Carbon Tetrachloride				
Chlorobenzene				
Chloroethane				
Chloroform				
Chloromethane				
Dibromochloromethane				
Ethylbenzene	0.026 U	0.027 U	0.027 U	0.026 U
Methylene Chloride				
Styrene				
Tetrachloroethene				
Toluene	0.026 U	0.027 U	0.027 U	0.026 U
Trichloroethene				
Vinyl Acetate				
Vinyl Chloride				
Xylene(Total)	0.026 U	0.027 U	0.027 U	0.026 U

Table B.11-4
Area 38 - Carton Production Area and Drywell Soil SVOC Results

Area	38	38	38	38
Sample ID	38-B-501-S-2	38-B-501-S-6	38-B-501-S-7	38-SS-512
Date Sampled	3/25/92	3/25/92	3/25/92	4/21/92
Depth	10 to 11.5	16.5 to 19.5	20 to 23	0 to 0.5
Semivolatiles (mg/kg dry)				
1,2,4-Trichlorobenzene	1.9 U	0.18 U	0.18 U	0.28 U
1,2-Dichlorobenzene	1.9 U	0.18 U	0.18 U	0.28 U
1,3-Dichlorobenzene	1.9 U	0.18 U	0.18 U	0.28 U
1,4-Dichlorobenzene	1.9 U	0.18 U	0.18 U	0.28 U
2,4,5-Trichlorophenol	9.6 U	0.91 U	0.9 U	1.4 U
2,4,6-Trichlorophenol	1.9 U	0.18 U	0.18 U	0.28 U
2,4-Dichlorophenol	1.9 U	0.18 U	0.18 U	0.28 U
2,4-Dimethylphenol	1.9 U	0.18 U	0.18 U	0.28 U
2,4-Dinitrophenol	9.6 U	0.91 U	0.9 U	1.4 U
2-Chloronaphthalene	1.9 U	0.18 U	0.18 U	0.28 U
2-Chlorophenol	1.9 U	0.18 U	0.18 U	0.28 U
2-Methylphenol	1.9 U	0.18 U	0.18 U	0.28 U
2-Nitroaniline	9.6 U	0.91 U	0.9 U	1.4 U
2-Nitrophenol	1.9 U	0.18 U	0.18 U	0.28 U
3,3'-Dichlorobenzidine	3.8 U	0.36 U	0.36 U	0.56 U
3-Nitroaniline	9.6 U	0.91 U	0.9 U	1.4 U
4,6-Dinitro-2-Methylphenol	9.6 U	0.91 U	0.9 U	1.4 U
4-Bromophenyl Phenyl Ether	1.9 U	0.18 U	0.18 U	0.28 U
4-Chloroaniline	1.9 U	0.18 U	0.18 U	0.28 U
4-Chlorophenyl-Phenylether	1.9 U	0.18 U	0.18 U	0.28 U
4-Methylphenol	1.9 U	0.18 U	0.18 U	0.28 U
4-Nitroaniline	9.6 U	0.91 U	0.9 U	1.4 U
4-Nitrophenol	9.6 U	0.91 U	0.9 U	1.4 U
Aniline	1.9 U	0.18 U	0.18 U	0.28 U
Benzidine	19 UJ			2.8 U
Benzoic Acid	9.6 U	0.91 U	0.9 U	1.4 U
Benzyl Alcohol	1.9 U	0.18 U	0.18 U	0.28 U
Bis(2-Chloroethoxy) Methane	1.9 U	0.18 U	0.18 U	0.28 U
Bis(2-Chloroethyl) Ether	1.9 U	0.18 U	0.18 U	0.28 U
Bis(2-Chloroisopropyl) Ether	1.9 U	0.18 U	0.18 U	0.28 U
Bis(2-Ethylhexyl)Phthalate	1.9 U	0.18 U	0.18 U	0.33 U
Butylbenzylphthalate	1.9 U	0.18 U	0.18 U	0.28 U
Di-N-Butylphthalate	1.9 U	0.18 U	0.18 U	0.47 U
Di-N-Octylphthalate	1.9 U	0.053 J	0.042 J	0.28 U
Dibenzofuran	1.9 U	0.18 U	0.18 U	0.28 U
Diethylphthalate	1.9 U	0.18 U	0.18 U	0.28 U
Dimethylphthalate	1.9 U	0.18 U	0.18 U	0.28 U
Hexachlorobenzene	1.9 U	0.18 U	0.18 U	0.28 U
Hexachlorobutadiene	1.9 U	0.18 U	0.18 U	0.28 U
Hexachlorocyclopentadiene	1.9 U	0.18 U	0.18 U	0.28 U
Hexachloroethane	1.9 U	0.18 U	0.18 U	0.28 U
Isophorone	1.9 U	0.18 U	0.18 U	0.28 U
N-Nitroso-Di-Phenylamine	1.9 U	0.18 U	0.18 U	0.28 U
N-Nitroso-Di-Propylamine	1.9 U	0.18 U	0.18 U	0.28 U
N-Nitroso-Dimethylamine	1.9 U	0.18 U	0.18 U	0.28 U
Pentachlorophenol	1.9 U	0.18 U	0.18 U	0.28 U
Phenol	1.9 U	0.18 U	0.18 U	0.28 U

Table B.11-5
Area 38 - Carton Production Area and Drywell Soil PAH Results

Area	38	38	38	38
Sample ID	38-B-501-S-2	38-B-501-S-6	38-B-501-S-7	38-SS-512
Date Sampled	3/25/92	3/25/92	3/25/92	4/21/92
Depth	10 to 11.5	16.5 to 19.5	20 to 23	0 to 0.5
PAHs (mg/kg dry)				
Benzo(a)Anthracene	1.9 U	0.18 U	0.18 U	0.074 J
Benzo(a)Pyrene	1.9 U	0.18 U	0.18 U	0.092 J
Benzo(b)Fluoranthene	1.9 U	0.18 U	0.18 U	0.13 J
Benzo(k)Fluoranthene	1.9 U	0.18 U	0.18 U	0.083 J
Chrysene	1.9 U	0.18 U	0.18 U	0.14 J
Dibenzo(a,h)Anthracene	1.9 U	0.18 U	0.18 U	0.28 U
Indeno(1,2,3-c,d)Pyrene	1.9 U	0.18 U	0.18 U	0.069 J
Total Carcinogenic PAHS (BaP TEQs)	*4.3909 U*	*0.416 U*	*0.416 U*	*0.2603*
2-Methylnaphthalene	1.9 U	0.18 U	0.18 U	0.28 U
Acenaphthene	1.9 U	0.18 U	0.18 U	0.28 U
Acenaphthylene	1.9 U	0.18 U	0.18 U	0.28 U
Anthracene	1.9 U	0.18 U	0.18 U	0.28 U
Benzo(g,h,i)Perylene	1.9 U	0.18 U	0.18 U	0.079 J
Fluoranthene	1.9 U	0.18 U	0.18 U	0.2 J
Fluorene	1.9 U	0.18 U	0.18 U	0.28 U
Naphthalene	1.9 U	0.18 U	0.18 U	0.28 U
Phenanthrene	1.9 U	0.18 U	0.18 U	0.081 J
Pyrene	1.9 U	0.18 U	0.18 U	0.18 J
Total Non-carcinogenic PAHs	*19 U*	*1.8 U*	*1.8 U*	*1.38*

Table B.11-6
Area 38 - Carton Production Area and Drywell Soil Pesticides Results

Area	38
Sample ID	38-HA-501-DAVG
Date Sampled	4/24/92
Depth	0 to 0.5
Pesticides (mg/kg dry)	
4,4'-DDD	0.13 U
4,4'-DDE	0.13 U
4,4'-DDT	0.13 U
Aldrin	0.067 U
Alpha-BHC	0.067 U
Beta-BHC	0.067 U
Chlordane	0.67 U
Delta-BHC	0.067 U
Dieldrin	0.13 U
Endosulfan I	0.067 U
Endosulfan II	0.13 U
Endosulfan Sulfate	0.13 U
Endrin	0.13 U
Endrin Ketone	0.13 U
Gamma-BHC	0.067 U
Heptachlor	0.067 U
Heptachlor Epoxide	0.067 U
Methoxychlor	0.67 U
Toxaphene	1.3 U

Table B.11-7
Area 38 - Carton Production Area and Drywell Soil TPH Results

Area	38	38	38	38	38	38	38	38
Sample ID	38-B-501-S-2	38-B-501-S-6	38-B-501-S-7	38-SS-501	38-SS-505	38-SS-507	38-SS-508	38-SS-509
Date Sampled	3/25/92	3/25/92	3/25/92	4/20/92	4/20/92	4/20/92	4/20/92	4/20/92
Depth	10 to 11.5	16.5 to 19.5	20 to 23	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TPH (mg/kg dry)								
TPH (418.1)	44	20 U	20 U	26 U	54	22 U	79	86
Diesel								
Gasoline								

Area	38	38	38	38	38	38	38	38
Sample ID	38-SS-510	38-SS-511	38-SS-512	38-VS-2	38-VS-3	38-VS-4	38-VS-5	38-VS-6
Date Sampled	4/20/92	4/21/92	4/21/92	6/30/92	6/30/92	6/30/92	6/30/92	6/30/92
Depth	0 to 0.5	0 to 0.5	0 to 0.5	6 to 6.5	3 to 3.5	3 to 3.5	3 to 3.5	3 to 3.5
TPH (mg/kg dry)								
TPH (418.1)	29	23 U	89					
Diesel				25 U	25 U	25 U	25 U	25 U
Gasoline				5 U	5 U	5 U	5 U	5 U

Table B.12-1
A[illegible]ial (APs) Concern Soil Metals Results

Area	AP-C	AP-C	AP-C	AP-C
Sample ID	01-F08-SS_F-01_ C2-005-DAVG	01-F08-SS_F-03_ C2-005	01-F08-SS_F-04_ C2-005	01-F08-SS_F-05_ C2-005
Date Sampled	6/6/01	6/6/01	6/6/01	6/6/01
Depth	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
TCLP Metals (mg/L)				
Lead				
Total Metals (mg/kg dry)				
Arsenic	3.9	3.3	2.5	3.1
Cadmium				
Chromium				
Copper				
Lead	3.5	3.9	2.2	2.7
Mercury				
Nickel				
Zinc				

Area	AP-C	AP-C	AP-C	AP-B
Sample ID	01-F08-SS_F-15_ C2-005	01-F08-SS_F-16_ C2-005	01-N01-SS_NGRR-01_C2-005	01-N01-SS_NGRR-245_C2-005-DAVG
Date Sampled	6/6/01	6/6/01	6/7/01	8/13/01
Depth	2 to 2.5	2 to 2.5	1.5 to 2	1.5 to 2
TCLP Metals (mg/L)				
Lead				
Total Metals (mg/kg dry)				
Arsenic	3.2	3.1	4.1	8.95
Cadmium				
Chromium				
Copper				
Lead	7	3.5	6.4	9.5
Mercury				
Nickel				
Zinc				

Table B.12-1
Areas of Potential (APs) Concern Soil Metals Results

Area	AP-C	AP-C	AP-C	AP-C
Sample ID	01-F08-SS_F-07_ C2-005	01-F08-SS_F-09_ C2-005	01-F08-SS_F-10_ C2-005	01-F08-SS_F-14_ C2-005
Date Sampled	6/6/01	6/6/01	6/6/01	6/6/01
Depth	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
TCLP Metals (mg/L)				
Lead				
Total Metals (mg/kg dry)				
Arsenic	5	3.5	3.9	3.6
Cadmium				
Chromium				
Copper				
Lead	75	3.3	4.4	13
Mercury				
Nickel				
Zinc				

Area	AP-B	AP-B	AP-B	AP-B
Sample ID	01-N01-SS_NGRR-247_C2-005	01-N01-SS_NGRR-248_C2-005	01-N01-SS_NGRR-249_C2-005	01-N01-SS_NGRR-261_C2-005-DAVG
Date Sampled	8/13/01	8/13/01	8/13/01	8/13/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
TCLP Metals (mg/L)				
Lead				
Total Metals (mg/kg dry)				
Arsenic	9.8	7.8	12	7.05
Cadmium				
Chromium				
Copper				
Lead	8.2	11	16	5.95
Mercury				
Nickel				
Zinc				

Table B.12-1
Areas of Potential (APs) Concern Soil Metals Results

Area	AP-B	AP-B	AP-B	AP-B
Sample ID	01-N01-SS_NGRR-263_C2-005	01-N01-SS_NGRR-264_C2-005	01-N01-SS_NGRR-283_C2-005-DAVG	01-N01-SS_NGRR-285_C2-005
Date Sampled	8/13/01	8/13/01	8/15/01	8/15/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
TCLP Metals (mg/L)				
Lead				
Total Metals (mg/kg dry)				
Arsenic	7.5	9.5	11.5	7.3
Cadmium				
Chromium				
Copper				
Lead	4.5	6.2	19	8.8
Mercury				
Nickel				
Zinc				

Area	AP-C	AP-C	AP-C	AP-C
Sample ID	APC-SS-510	APC-SS-511	APC-SS-512	APC-SS-513
Date Sampled	6/30/92	10/30/92	10/30/92	10/30/92
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)				
Lead				
Total Metals (mg/kg dry)				
Arsenic				
Cadmium				
Chromium				
Copper				
Lead	7.4	160	260	180
Mercury				
Nickel				
Zinc				

Table B.12-1
Areas of Potential (APs) Concern Soil Metals Results

Area	AP-B	AP-C	AP-C	AP-C
Sample ID	01-N01-SS_NGRR-286_C2-005	01-N01-SS_NGRR-382_C2-005	02-F08-SS_F-08-2_C2-030	APC-SS-401
Date Sampled	8/15/01	8/22/01	8/30/01	11/12/93
Depth	1.5 to 2	1.5 to 2	3 to 3.5	0 to 0.5
TCLP Metals (mg/L)				
Lead				
Total Metals (mg/kg dry)				
Arsenic	7.1	3.5	2.6	22
Cadmium				
Chromium				
Copper				
Lead	6.7	2.7	90 J	
Mercury				
Nickel				
Zinc				

Area	AP-C	AP-C	APE	APE
Sample ID	APC-SS-514	APC-TP-502-S-3	APE-SS-501-DAVG	APE-SS-502-DAVG
Date Sampled	10/30/92	11/3/92	5/26/92	5/26/92
Depth	0 to 0.5	3 to 6	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)				
Lead				
Total Metals (mg/kg dry)				
Arsenic		3.1 J	278	29.8
Cadmium		0.052 J	1.39	0.12
Chromium			11.2	11.9
Copper			98.3	20
Lead	1100	5.1 UJ	100	10
Mercury		0.097 U	0.3	0.11 U
Nickel			17.3	16.7
Zinc			152	33.8

Table B.12-1
Areas of Potential (APs) Concern Soil Metals Results

Area	APE	APE	APE	APE	APE	APE	APE	APE
Sample ID	APE-SS-503	APE-SS-504-DAVG	APE-SS-505	APE-SS-506	APE-SS-507	APE-SS-509	APE-SS-510	APE-SS-511
Date Sampled	10/30/92	10/30/92	10/30/92	10/30/92	6/28/93	6/28/93	6/28/93	6/28/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg dry)								
Arsenic	197	16	28	26	38	23	14	6
Cadmium	0.56	0.13	0.94	0.31				
Chromium								
Copper								
Lead	79	26	410	43				
Mercury	0.18	0.25	0.24	0.27				
Nickel								
Zinc								

Area	APE	APE	APE	APE	APE	APF	APF	APF
Sample ID	APE-SS-512	APE-TP-501-S-1-DAVG	APE-TP-501-S-2	APE-TP-502-S-1-DAVG	APE-TP-502-S-3	APF-HA-501-S-1	APF-HA-501-S-3	APF-SS-501
Date Sampled	6/28/93	5/26/92	5/26/92	11/3/92	11/3/92	10/30/92	10/30/92	5/27/92
Depth	0 to 0.5	0 to 1	3 to 5	0 to 1	3 to 5	0 to 1	2 to 3	0 to 0.5
TCLP Metals (mg/L)								
Lead								14
Total Metals (mg/kg dry)								
Arsenic	77	490	2.73	490	41	110	44	54
Cadmium		9.13	0.05	0.21 J		5.2	0.58	20
Chromium		14.1	13.7					
Copper		70.3	16					
Lead		160	5.2 U	200	6.2 J	1200	64	3800
Mercury		0.5	0.1 U	0.1 U	0.096 U	0.53 J		13 U
Nickel		17.6	20.1					
Zinc		230	25.4					

Table B.12-1
Areas of Potential (APs) Concern Soil Metals Results

Area	APF	APF	APF	APF	APF	APF	APF	APF
Sample ID	APF-SS-502	APF-SS-503	APF-SS-504	APF-SS-505	APF-SS-506	APF-SS-507	APF-SS-508	APF-SS-509
Date Sampled	5/27/92	5/27/92	10/30/92	10/30/92	10/30/92	10/30/92	10/30/92	10/30/92
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg dry)								
Arsenic		12 J	76 J	76 J		87 J	69	
Cadmium								
Chromium								
Copper								
Lead	2200	24	23	130	38	99	45	200
Mercury								
Nickel								
Zinc								

Area	APF	APF	APF	APF	APF	APF	APF	APF
Sample ID	APF-SS-510-DAVG	APF-SS-511	APF-SS-512	APF-SS-513	APF-SS-514	APF-SS-515	APF-SS-516	APF-SS-517
Date Sampled	6/28/93	6/28/93	6/28/93	6/28/93	6/28/93	6/28/93	6/28/93	6/28/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg dry)								
Arsenic	19	43	17	300	210	150	150	220
Cadmium								
Chromium								
Copper								
Lead								
Mercury								
Nickel								
Zinc								

Table B 12-1
Areas of Potential (APs) Concern Soil Metals Results

Area	APF	APF	APF	APF	APF	APF	APF	APF
Sample ID	APF-SS-518	APF-SS-520-DAVG	APF-SS-521	APF-SS-522	APF-SS-523	APF-TP-501-S-1	APF-TP-501-S-2	APF-VS-10
Date Sampled	6/28/93					5/27/92	5/27/92	9/22/99
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 1	3 to 5	0 to 0.5
TCLP Metals (mg/L)								
Lead								
Total Metals (mg/kg dry)								
Arsenic	220	68	46	81	56			180
Cadmium								
Chromium								
Copper								
Lead						56	5 U	24
Mercury								
Nickel								
Zinc								

Table B.12-2
Areas of Potential Concern (APs) Soil Explosives Results

Area	APF	APF	APF
Sample ID	APF-SS-503	APF-TP-501-S-1	APF-TP-501-S-2
Date Sampled	5/27/92	5/27/92	5/27/92
Depth	0 to 0.5	0 to 1	3 to 5
Explosives (mg/kg dry)			
1,3,5-Trinitrobenzene	0.16 U	0.071 U	0.032 U
1,3-Dinitrobenzene	0.22 U	0.094 U	0.043 U
2,4,6-Trinitrotoluene	0.016 U	0.0071 U	0.0032 U
2,4-Dinitrotoluene	0.033 U	0.014 U	0.0064 U
2,6-Dinitrotoluene	0.033 U	0.014 U	0.0064 U
Total DNT	*0.066 U*	*0.028 U*	*0.028 U*
Nitrobenzene	0.32 U	0.14 U	0.064 U
Nitroglycerine	0.22 U	0.24 U	0.21 U

Table B.12-3
Areas of Potential Concern (APs) Soil SVOC Results

Area	26	26
Sample ID	APD-TP-501-S-1	APD-TP-501-S-2
Date Sampled	5/27/92	5/27/92
Depth	0 to 1	3 to 5
Semivolatiles (mg/kg dry)		
1,2,4-Trichlorobenzene	0.18 U	0.17 U
1,2-Dichlorobenzene	0.18 U	0.17 U
1,3-Dichlorobenzene	0.18 U	0.17 U
1,4-Dichlorobenzene	0.18 U	0.17 U
2,4,5-Trichlorophenol	0.92 U	0.87 U
2,4,6-Trichlorophenol	0.18 U	0.17 U
2,4-Dichlorophenol	0.18 U	0.17 U
2,4-Dimethylphenol	0.18 U	0.17 U
2,4-Dinitrophenol	0.92 U	0.87 U
2-Chloronaphthalene	0.18 U	0.17 U
2-Chlorophenol	0.18 U	0.17 U
2-Methylphenol	0.18 U	0.17 U
2-Nitroaniline	0.92 U	0.87 U
2-Nitrophenol	0.18 U	0.17 U
3,3'-Dichlorobenzidine	0.37 U	0.35 U
3-Nitroaniline	0.92 U	0.87 U
4,6-Dinitro-2-Methylphenol	0.92 U	0.87 U
4-Bromophenyl Phenyl Ether	0.18 U	0.17 U
4-Chloroaniline	0.18 U	0.17 U
4-Chlorophenyl-Phenylether	0.18 U	0.17 U
4-Methylphenol	0.18 U	0.17 U
4-Nitroaniline	0.92 U	0.87 U
4-Nitrophenol	0.92 U	0.87 U
Aniline	0.18 U	0.17 U
Benzidine	1.8 U	1.7 U
Benzoic Acid	0.92 U	0.87 U
Benzyl Alcohol	0.18 U	0.17 U
Bis(2-Chloroethoxy) Methane	0.18 U	0.17 U
Bis(2-Chloroethyl) Ether	0.18 U	0.17 U
Bis(2-Chloroisopropyl) Ether	0.18 U	0.17 U
Bis(2-Ethylhexyl)Phthalate	0.18 U	0.17 U
Butylbenzylphthalate	0.18 U	0.17 U
Di-N-Butylphthalate	0.18 U	0.17 U
Di-N-Octylphthalate	0.18 U	0.17 U
Dibenzofuran	0.18 U	0.17 U
Diethylphthalate	0.18 U	0.17 U
Dimethylphthalate	0.18 U	0.17 U
Hexachlorobenzene	0.18 U	0.17 U
Hexachlorobutadiene	0.18 U	0.17 U
Hexachlorocyclopentadiene	0.18 U	0.17 U
Hexachloroethane	0.18 U	0.17 U
Isophorone	0.18 U	0.17 U
N-Nitroso-Di-Phenylamine	0.18 U	0.17 U
N-Nitroso-Di-Propylamine	0.18 U	0.17 U
N-Nitroso-Dimethylamine	0.18 U	0.17 U
Pentachlorophenol	0.18 U	0.17 U
Phenol	0.18 U	0.17 U

Table B.12-4
Areas of Potential Concern (APs) Soil PAH Results

Area Sample ID Date Sampled Depth	26 APD-TP-501-S-1 5/27/92 0 to 1	26 APD-TP-501-S-2 5/27/92 3 to 5
PAHs (mg/kg dry)		
Benzo(a)Anthracene	0.18 U	0.17 U
Benzo(a)Pyrene	0.1 J	0.17 U
Benzo(b)Fluoranthene	0.14 J	0.17 U
Benzo(k)Fluoranthene	0.044 J	0.17 U
Chrysene	0.12 J	0.17 U
Dibenzo(a,h)Anthracene	0.18 U	0.17 U
Indeno(1,2,3-c,d)Pyrene	0.069 J	0.17 U
2-Methylnaphthalene	0.18 U	0.17 U
Acenaphthene	0.18 U	0.17 U
Acenaphthylene	0.18 U	0.17 U
Anthracene	0.18 U	0.17 U
Benzo(g,h,i)Perylene	0.088 J	0.17 U
Fluoranthene	0.16 J	0.17 U
Fluorene	0.18 U	0.17 U
Naphthalene	0.18 U	0.17 U
Phenanthrene	0.088 J	0.17 U
Pyrene	0.15 J	0.17 U

Table B.12-5
Areas of Potential Concern (APs) Soil PCB Results

Area	APE	APE	APE	APE
Sample ID	APE-SS-501-DAVG	APE-SS-502-DAVG	APE-TP-501-S-1-DAVG	APE-TP-501-S-2
Date Sampled	5/26/92	5/26/92	5/26/92	5/26/92
Depth	0 to 0.5	0 to 0.5	0 to 1	3 to 5
PCBs (mg/kg dry)				
PCB-1016	0.036 UJ	0.037 UJ	0.037 UJ	0.035 U
PCB-1221	0.036 UJ	0.037 UJ	0.037 UJ	0.035 U
PCB-1232	0.036 UJ	0.037 UJ	0.037 UJ	0.035 U
PCB-1242	0.036 UJ	0.037 UJ	0.037 UJ	0.035 U
PCB-1248	0.036 UJ	0.037 UJ	0.037 UJ	0.035 U
PCB-1254	0.036 UJ	0.037 UJ	0.037 UJ	0.035 U
PCB-1260	0.036 UJ	0.037 UJ	0.037 UJ	0.035 U

Table B.12-6
Areas of Potential Concern (APs) Soil TPH Results

Area Sample ID Date Sampled Depth	APE APE-SS-501-DAVG 5/26/92 0 to 0.5	APE APE-SS-502-DAVG 5/26/92 0 to 0.5	APE APE-TP-501-S-1-DAVG 5/26/92 0 to 1	APE APE-TP-501-S-2 5/26/92 3 to 5
TPH (mg/kg dry)				
TPH Scan	67	22 U	22 U	21 U

Table B.12-7
Areas of Potential Concern (APs) Soil Nitrate Results

Area	APC	APF	APF	APF	APF	APF
Sample ID	APC-SS-501	APF-SS-501	APF-SS-502	APF-SS-503	APF-TP-501-S-1	APF-TP-501-S-2
Date Sampled	5/26/92	5/27/92	5/27/92	5/27/92	5/27/92	5/27/92
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 1	3 to 5
General Chem (mg/kg dry)						
Nitrate as Nitrogen	2.4	4.3	2.4	2.7	2.5	1.9

Table B.13-1
Area 18-REF Soil Metals Results

Area	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF
Sample ID	18R-01-DAVG	18R-02	18R-03	18R-04	18R-05	18R-06	18R-07	18R-08
Date Sampled	3/29/93	3/29/93	3/29/93	3/29/93	3/29/93	3/29/93	3/29/93	3/29/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Arsenic								
Total Metals (mg/kg)								
Arsenic	24 J	3.5 J	6.4 J	12 J	36 J	23	12 J	23 J

Area	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF
Sample ID	18R-10	18R-101	18R-102	18R-103	18R-104	18R-105-DAVG	18R-106	18R-107-100S
Date Sampled	3/30/93	6/30/93	6/30/93	6/30/93	6/30/93	6/30/93	6/30/93	12/7/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Arsenic								
Total Metals (mg/kg)								
Arsenic	91	19	35	7.4	67	16	14	38

Area	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF
Sample ID	18R-107-100W	18R-107-125W	18R-107-25E	18R-107-25S	18R-107-50E	18R-107-50N-DAVG	18R-107-50S	18R-107-50W
Date Sampled	12/7/93	12/7/93	12/7/93	12/7/93	12/7/93	12/7/93	12/7/93	12/7/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Arsenic								
Total Metals (mg/kg)								
Arsenic	28	14	50	140	66	150	25	140

Table B.13-1
Area 18-REF Soil Metals Results

Area	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF
Sample ID	18R-107-75E	18R-107-75S	18R-107-75W	18R-107-S-3	18R-108	18R-109	18R-11	18R-110
Date Sampled	12/7/93	12/7/93	12/7/93	12/14/93	6/30/93	6/30/93	3/30/93	6/30/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	1 to 2	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Arsenic								
Total Metals (mg/kg)								
Arsenic	59	47	37	15 J	81	10	83	81

Area	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF
Sample ID	18R-111	18R-112	18R-112-100E	18R-112-100N	18R-112-10E-DAVG	18R-112-10N	18R-112-125N	18R-112-25E
Date Sampled	6/30/93	6/30/93	12/8/93	12/8/93	12/8/93	12/8/93	12/8/93	12/8/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Arsenic								
Total Metals (mg/kg)								
Arsenic	140	230	18	81	58	290	130	55

Area	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF
Sample ID	18R-112-25N	18R-112-50E	18R-112-50N	18R-112-75E	18R-112-75N	18R-112-S-2	18R-112-S-3	18R-113
Date Sampled	12/8/93	12/8/93	12/8/93	12/8/93	12/8/93	12/13/93	12/13/93	6/30/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0.5 to 1	1 to 2	0 to 0.5
TCLP Metals (mg/L)								
Arsenic								
Total Metals (mg/kg)								
Arsenic	60	46	18	21	18	42 J	10 J	82

Table B.13-1
Area 18-REF Soil Metals Results

Area	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF
Sample ID	18R-114	18R-115	18R-119	18R-12	18R-120-DAVG	18R-121	18R-121-100N	18R-121-100W-DAVG
Date Sampled	6/30/93	6/30/93	6/30/93	3/30/93	6/30/93	6/30/93	12/10/93	12/9/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Arsenic								
Total Metals (mg/kg)								
Arsenic	91	20	89 J	46	5.1 J	130 J	51	15

Area	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF
Sample ID	18R-121-10N	18R-121-10W	18R-121-25N	18R-121-25W	18R-121-50N	18R-121-50W	18R-121-75N	18R-121-75W
Date Sampled	12/10/93	12/10/93	12/10/93	12/10/93	12/10/93	12/10/93	12/10/93	12/10/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Arsenic								
Total Metals (mg/kg)								
Arsenic	50	22	22	9.4	30	20	20	59

Area	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF
Sample ID	18R-122	18R-123	18R-124	18R-125	18R-126	18R-127	18R-13-DAVG	18R-14
Date Sampled	6/30/93	6/30/93	6/30/93	6/30/93	6/30/93	6/30/93	3/30/93	3/30/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Arsenic								
Total Metals (mg/kg)								
Arsenic	21 J	9.3 J	43 J	66 J	32 J	66 J	34	19

Table B.13-1
Area 18-REF Soil Metals Results

Area	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF
Sample ID	18R-15	18R-15 1'-2'-DAVG	18R-15 6"-12"	18R-15-100N-DAVG	18R-15-10N	18R-15-10W	18R-15-25N	18R-15-50N
Date Sampled	3/30/93			12/7/93	12/7/93	12/7/93	12/7/93	12/7/93
Depth (ft bgs)	0 to 0.5	1 to 2	0.5 to 1	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Arsenic	0.05 U							
Total Metals (mg/kg)								
Arsenic	210	3.2	4.9	63	45	35	25	16

Area	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF
Sample ID	18R-15-75N	18R-16	18R-17	18R-18	18R-19	18R-20	18R-21	18R-22
Date Sampled	12/7/93	3/30/93	3/29/93	3/29/93	3/29/93	3/29/93	3/29/93	3/29/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Arsenic								
Total Metals (mg/kg)								
Arsenic	3.6	48	34	23	73	16	13	38

Area	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF
Sample ID	18R-23	18R-24	18R-401	18R-402	18R-403	18R-404	18R-404A-DAVG	18R-405
Date Sampled	3/29/93	3/29/93	11/15/93	11/30/93	11/30/93	11/30/93	12/6/93	11/30/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Arsenic								
Total Metals (mg/kg)								
Arsenic	66 J	22 J	40	4.2	6.7	6.3	30	8.1

Table B.13-1
Area 18-REF Soil Metals Results

Area	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF
Sample ID	18R-406	18R-406-S-2	18R-406-S-3	18R-407	18R-408	18R-409	18R-410	18R-411
Date Sampled	11/12/93	12/14/93	12/14/93	11/15/93	11/30/93	11/30/93	11/12/93	11/12/93
Depth (ft bgs)	0 to 0.5	0.5 to 1	1 to 2	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Arsenic								
Total Metals (mg/kg)								
Arsenic	160	21 J	4.5 J	11	12	17	64	16

Area	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF
Sample ID	18R-412	18R-413	18R-414	18R-415	18R-416	18R-417	18R-419	18R-420
Date Sampled	11/15/93	11/30/93	11/30/93	11/30/93	11/30/93	11/15/93	11/30/93	11/30/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Arsenic								
Total Metals (mg/kg)								
Arsenic	20	15	7.5	7.8	2.5	39	4.7	4.2

Area	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF
Sample ID	18R-421	18R-426	18R-428-DAVG	18R-429	18R-430	18R-431	18R-432	18R-433
Date Sampled	11/15/93	11/30/93	11/30/93	11/15/93	11/15/93	11/29/93	11/30/93	11/15/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Arsenic								
Total Metals (mg/kg)								
Arsenic	57	74	13	88	25	6.1 J	42	9.6

Table B.13-1
Area 18-REF Soil Metals Results

Area	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF
Sample ID	18R-434	18R-435	18R-436	18R-437	18R-438	18R-439	18R-440	18R-441
Date Sampled	11/15/93	11/15/93	11/16/93	11/16/93	11/29/93	11/29/93	11/16/93	11/16/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Arsenic								
Total Metals (mg/kg)								
Arsenic	44	24	30	19	11	58	62	2.6

Area	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF
Sample ID	18R-442	18R-443	18R-444-DAVG	18R-445	18R-445-S-2	18R-445-S-3	18R-446	18R-447
Date Sampled	11/29/93	11/29/93	11/16/93	11/16/93	12/14/93	12/14/93	11/16/93	11/16/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0.5 to 1	1 to 2	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Arsenic								
Total Metals (mg/kg)								
Arsenic	9.5	25	46	100	8.6 J	8.4 J	69	31

Area	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF
Sample ID	18R-448	18R-449	18R-451	18R-452	18R-452-S-2	18R-452-S-3	18R-453	18R-454
Date Sampled	11/16/93	11/29/93	11/29/93	11/19/93	12/10/93	12/10/93	11/29/93	11/29/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0.5 to 1	1 to 2	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Arsenic								
Total Metals (mg/kg)								
Arsenic	68	39	69	100	3	11	37	42

Table B.13-1
Area 18-REF Soil Metals Results

Area	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF
Sample ID	18R-455	18R-456	18R-457	18R-458	18R-459	18R-460	18R-461	18R-461-S-2
Date Sampled	11/16/93	11/16/93	11/16/93	11/29/93	11/29/93	11/29/93	11/16/93	12/13/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0.5 to 1
TCLP Metals (mg/L)								
Arsenic								
Total Metals (mg/kg)								
Arsenic	17	29	25	15	47	16	100 J	21 J

Area	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF
Sample ID	18R-461-S-3	18R-462	18R-463	18R-464	18R-464E	18R-465	18R-466	18R-467
Date Sampled	12/13/93	11/16/93	11/16/93	11/16/93	11/17/93	11/17/93	11/17/93	11/17/93
Depth (ft bgs)	1 to 2	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)								
Arsenic								
Total Metals (mg/kg)								
Arsenic	4.9 J	26	50	120	31 J	18	51 J	14 J

Area	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF	18-REF
Sample ID	18R-468	18R-469	18R-471	18R-472	18R-474-DAVG	18R-474-S-2	18R-474-S-3
Date Sampled	11/17/93	11/29/93	11/17/93	11/17/93	11/17/93	12/16/93	12/16/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0.5 to 1	1 to 2
TCLP Metals (mg/L)							
Arsenic							
Total Metals (mg/kg)							
Arsenic	110 J	22	9.1 J	23	89 J	11	7.1

Table B.13-2
Area 31-REF Soil Metals Results

Area	31-REF	31-REF	31-REF	31-REF	31-REF	31-REF	31-REF	31-REF
Sample ID	31-B-503-S-2	31-B-503-S-3	31-B-503-S-4-DAVG	31-B-503-S-5	31-B-504-S-2	31-B-504-S-3	31-B-504-S-4	31-HA-501-S-3
Date Sampled	2/19/92	2/19/92	2/19/92	2/19/92	2/20/92	2/20/92	2/20/92	11/3/92
Depth (ft bgs)	5 to 6.5	10 to 13	15 to 16.5	20 to 21.5	5 to 6.5	10 to 11.9	15 to 16.5	2 to 3
Total Metals (mg/kg dry)								
Arsenic								
Cadmium								
Chromium								
Copper								
Lead	8.2 J	9.3 J	9.1 J	9.2 J	7.7	6.6	7	5.5 UJ
Mercury								
Nickel								
Zinc								

Area	31-REF	31-REF	31-REF	31-REF	31-REF	31-REF	31-REF	31-REF
Sample ID	31-HA-502-S-3	31-SS-403	31-SS-404	31-SS-501-DAVG	31-SS-503	31-SS-504	31-SS-505	31-SS-506
Date Sampled	11/20/92	11/8/93	11/8/93	2/14/92	2/14/92	2/14/92	2/14/92	2/14/92
Depth (ft bgs)	2 to 3	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic		60	110 J					
Cadmium								
Chromium								
Copper								
Lead	7.9			26	73	130	43	110
Mercury								
Nickel								
Zinc								

Table B.13-2
Area 31-REF Soil Metals Results

Area	31-REF	31-REF	31-REF	31-REF	31-REF	31-REF	31-REF	31-REF
Sample ID	31-SS-507	31-SS-509	31-SS-511	31-SS-512	31-SS-513	31-SS-518	31-SS-519	31-SS-520
Date Sampled	2/14/92	2/14/92	2/14/92	2/14/92	2/14/92	2/14/92	2/14/92	2/14/92
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic								
Cadmium								
Chromium								
Copper								
Lead	5 U	38	89	18	9.1	13	26	18
Mercury								
Nickel								
Zinc								

Area	31-REF	31-REF	31-REF	31-REF	31-REF	31-REF	31-REF	31-REF
Sample ID	31-SS-521	31-SS-522	31-SS-523	31-SS-524	31-SS-525	31-SS-526	31-SS-527-DAVG	31-SS-528
Date Sampled	2/14/92	2/14/92	2/14/92	2/14/92	2/14/92	2/14/92	2/14/92	2/14/92
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic								
Cadmium								
Chromium								
Copper								
Lead	44	114	51	38	69	22	29	86
Mercury								
Nickel								
Zinc								

Table B.13-2
Area 31-REF Soil Metals Results

Area	31-REF	31-REF	31-REF	31-REF	31-REF	31-REF	31-REF	31-REF
Sample ID	31-SS-529	31-SS-530	31-SS-533	31-SS-535-DAVG	31-SS-536	31-TP-17,S-2	31-TP-18,S-2	31-TP-19,S-1
Date Sampled	2/14/92	2/14/92	11/20/92	11/20/92	11/20/92	4/28/87	4/28/87	4/28/87
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	3 to 6	3 to 6	0 to 3
Total Metals (mg/kg dry)								
Arsenic								
Cadmium								
Chromium								
Copper								
Lead	59	52	51	90	250	10	9 J	11
Mercury								
Nickel								
Zinc								

Area	31-REF	31-REF	31-REF	31-REF	31-REF	31-REF	31-REF	31-REF
Sample ID	31-TP-19,S-2	31-TP-21,S-1-DAVG	31-TP-21,S-2	31-TP-503-S-1	31-TP-503-S-2	31-TP-503-S-3	31-TP-505-S-1-DAVG	31-TP-505-S-2
Date Sampled	4/28/87	4/28/87	4/28/87	2/27/92	2/27/92	2/27/92	2/27/92	2/27/92
Depth (ft bgs)	3 to 6	0 to 3	3 to 6	0 to 1	3 to 6	8 to 10	0 to 1	3 to 6
Total Metals (mg/kg dry)								
Arsenic								
Cadmium								
Chromium								
Copper								
Lead	6.J	9 J	12	160	5.2 U	5.2 U	12	4.9 U
Mercury								
Nickel								
Zinc								

Table B.13-2
Area 31-REF Soil Metals Results

Area	31-REF	31-REF	31-REF	31-REF	31-REF	31-REF	31-REF	31-REF
Sample ID	31-TP-505-S-3	31-TP-506-S-1	31-TP-506-S-2	31-TP-506-S-3	31-TP-507-S-1	31-TP-507-S-2	31-TP-507-S-3	31-TP-508-S-2
Date Sampled	2/27/92	2/27/92	2/27/92	2/27/92	2/27/92	2/27/92	2/27/92	2/27/92
Depth (ft bgs)	8 to 10	0 to 1	3 to 6	8 to 10	0 to 1	3 to 6	8 to 10	1 to 4
Total Metals (mg/kg dry)								
Arsenic								71
Cadmium								0.72
Chromium								22
Copper								220
Lead	5.8 U	27	5.3 U	5.1 U	6.8 U	5.1 U	5.3 U	1500
Mercury								0.24
Nickel								100
Zinc								400

Area	31-REF	31-REF	31-REF	31-REF
Sample ID	31-TP-508-S-3	31-TP-7,S-2	LR-070S	LR-071S
Date Sampled	2/27/92	4/28/87	3/29/93	3/29/93
Depth (ft bgs)	6 to 8	3 to 6	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	7.1		18 J	55 J
Cadmium	0.21			
Chromium	23			
Copper	30			
Lead	140	19		
Mercury	0.085 U			
Nickel	17			
Zinc	170			

Table B.14-1
Area LR Soil Metals Results

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	APA-SS-401-DAVG	APG-SS-401	BG-SS-4	LR-001	LR-002	LR-003	LR-003W	LR-004
Date Sampled	11/12/93	11/11/93	11/11/93	11/1/93	3/23/93	11/2/93	11/1/93	11/2/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	45 J	23		35	17	8.7	15	8.7
Aluminum			15000					
Antimony			3					
Cadmium								
Chromium			17					
Copper								
Lead			14 U		190			
Mercury								
Nickel								
Zinc			62					

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	LR-005	LR-006	LR-007	LR-008W	LR-009-1	LR-009-2	LR-010-DAVG	LR-011-1
Date Sampled	11/2/93	11/2/93	11/1/93	11/1/93	5/19/92	3/23/93	11/2/93	5/19/92
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	24	37	9.9	11		29	46	
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead					453			246
Mercury								
Nickel								
Zinc								

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	LR-011-2	LR-012	LR-013	LR-014	LR-015	LR-016	LR-017-1	LR-017-2
Date Sampled	3/23/93	11/2/93	11/4/93	11/4/93	11/4/93	11/12/93	5/18/92	3/23/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	31	43	8.4	22	42	46		120
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead							120	
Mercury								
Nickel								
Zinc								

Table B.14-1
Area LR Soil Metals Results

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	LR-017-S-2	LR-017-S-3	LR-018	LR-019	LR-019E	LR-019N	LR-019S	LR-019W
Date Sampled	12/14/93	12/14/93	11/11/93	3/23/93	11/4/92	11/4/92	11/4/92	11/4/92
Depth (ft bgs)	0.5 to 1	1 to 2	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	18 J	8.8 J	31	28				
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead				620	6.2 UJ	9.4 J	54	51
Mercury								
Nickel								
Zinc								

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	LR-020 1'-2'	LR-020 6"-12"	LR-020-1	LR-020-2	LR-020-S-2	LR-020-S-3	LR-021	LR-022-1
Date Sampled			5/19/92	3/23/93			11/4/93	5/19/92
Depth (ft bgs)	1 to 2	0.5 to 1	0 to 0.5	0 to 0.5	0.5 to 1	1 to 2	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	3	6		160	6	3	29	
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead			345					232
Mercury								
Nickel								
Zinc								

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	LR-022-2	LR-023	LR-024	LR-025	LR-025-S-2	LR-025-S-3	LR-028	LR-029
Date Sampled	3/23/93	11/4/93	11/11/93	11/11/93		12/10/93	11/11/93	11/4/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0.5 to 1	1 to 2	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	28	15	32	95	26	21	59	7.8
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead								
Mercury								
Nickel								
Zinc								

Table B.14-1
Area LR Soil Metals Results

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	LR-030	LR-031	LR-032	LR-034	LR-035-1	LR-035-2	LR-036-DAVG	LR-036E
Date Sampled	11/4/93	11/4/93	11/15/93	11/12/93	5/19/92	3/23/93	11/11/93	11/15/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	37	17	84	4.8		30	60	29
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead					345			
Mercury								
Nickel								
Zinc								

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	LR-036E2	LR-037	LR-038-DAVG	LR-038E-DAVG	LR-038S	LR-038W	LR-039-1	LR-039-2
Date Sampled	11/11/93	11/11/93	5/19/92	11/4/92	11/4/92	11/4/92	5/18/92	3/23/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	15	48						33
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead			750	92	630	150	120	
Mercury								
Nickel								
Zinc								

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	LR-040-DAVG	LR-041	LR-042	LR-043	LR-044	LR-045A	LR-046	LR-047
Date Sampled	11/4/93	3/23/93	11/4/93	11/12/93	11/15/93	12/15/93	11/10/93	11/10/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	18	17	32	42	12	12 J	18	45
Aluminum								
Antimony								
Cadmium		0.42						
Chromium		9.4						
Copper		42						
Lead		120						
Mercury		0.5						
Nickel		13						
Zinc		34						

Table B.14-1
Area LR Soil Metals Results

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	LR-048	LR-049	LR-050	LR-051	LR-053	LR-054	LR-055	LR-056
Date Sampled	11/10/93	11/4/93	11/4/93	11/4/93	11/8/93	11/8/93	11/8/93	11/8/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	30	10	43	23	23 J	14 J	55 J	14 J
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead								
Mercury								
Nickel								
Zinc								

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	LR-057	LR-058	LR-059-1	LR-059-2	LR-059-S-2	LR-059-S-3	LR-060 1'-2'	LR-060-S-3
Date Sampled	11/8/93	11/8/93	5/19/92	3/29/93	12/10/93	12/10/93		
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0.5 to 1	1 to 2	1 to 2	1 to 2
Total Metals (mg/kg dry)								
Arsenic	14 J	64 J		120	39	6	3.3	3
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead			402					
Mercury								
Nickel								
Zinc								

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	LR-060-100E	LR-060-100N	LR-060-100W	LR-060-25E	LR-060-50E	LR-060-50N	LR-060-50W	LR-060-75E
Date Sampled	12/7/93	12/7/93	12/7/93	12/7/93	12/7/93	12/7/93	12/7/93	12/7/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	60	11	40	48	37	310	100	32
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead								
Mercury								
Nickel								
Zinc								

Table B.14-1
Area LR Soil Metals Results

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	LR-060-75N	LR-060-75W	LR-062E	LR-062N	LR-063	LR-064-1	LR-064-2	LR-065
Date Sampled	12/7/93	12/7/93	11/4/92	11/4/92	11/10/93	5/19/92	3/24/93	11/4/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	18	7			43		10	32
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead			180	110		26		
Mercury								
Nickel								
Zinc								

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	LR-066-1	LR-066-2	LR-069	LR-070-1	LR-070-2	LR-071-1	LR-071-2	LR-072
Date Sampled	5/18/92	3/23/93	11/8/93	5/19/92	11/8/93	5/19/92	11/8/93	11/8/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic		6.8	24 J		62 J		34 J	42 J
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead	14			114		217		
Mercury								
Nickel								
Zinc								

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	LR-073-1	LR-073-2	LR-074	LR-075	LR-078	LR-079	LR-081	LR-082
Date Sampled	5/19/92	3/29/93	11/15/93	11/30/93	11/30/93	11/11/93	11/10/93	11/10/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic		11 J	61	24	7.5	20	23	42 J
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead	56							
Mercury								
Nickel								
Zinc								

Table B.14-1
Area LR Soil Metals Results

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	LR-083-DAVG	LR-086	LR-087	LR-088	LR-089	LR-090	LR-091-1	LR-091-2
Date Sampled	11/10/93	11/8/93	11/8/93	11/8/93	11/8/93	11/30/93	5/19/92	3/24/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	30 J	20 J	51	6.9 J	7.2 J	12		170
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead							160	
Mercury								
Nickel								
Zinc								

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	LR-093-1	LR-093-2	LR-094	LR-095-1	LR-095-2	LR-097-1	LR-097-2	LR-098
Date Sampled	5/18/92	3/24/93	11/30/93	5/19/92	3/24/93	5/19/92	3/24/93	11/10/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic		9.1	11		31		12	34 J
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead	20			140		55		
Mercury								
Nickel								
Zinc								

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	LR-099-1	LR-099-2	LR-100	LR-102N	LR-102S	LR-102W	LR-104A	LR-105-DAVG
Date Sampled	5/19/92	3/23/93	11/4/93	11/4/92	11/4/92	11/4/92	12/15/93	3/25/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic		16	5.9				100 J	38
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead	15			12	59	42		52
Mercury								
Nickel								
Zinc								

Table B.14-1
Area LR Soil Metals Results

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	LR-106	LR-106-S-2	LR-106-S-3	LR-107	LR-108	LR-109	LR-110	LR-111
Date Sampled	11/30/93	12/16/93	12/16/93	11/30/93	11/30/93	11/19/93	11/19/93	11/19/93
Depth (ft bgs)	0 to 0.5	0.5 to 1	1 to 2	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	140	22	5.2	24	46 J	64	11	59
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead								
Mercury								
Nickel								
Zinc								

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	LR-113	LR-114	LR-115	LR-116A	LR-117	LR-117-S-2	LR-117-S-3	LR-119
Date Sampled	11/10/93	11/10/93	11/10/93	12/14/93	11/8/93	12/16/93	12/16/93	11/10/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0.5 to 1	1 to 2	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	99 J	8.7 J	44 J	57 J	80 J	4.3 J	3.8 J	15
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead								
Mercury								
Nickel								
Zinc								

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	LR-121	LR-122	LR-123	LR-124	LR-125	LR-125E	LR-125E-S-2-DAVG	LR-125E-S-3
Date Sampled	11/9/93	11/9/93	11/9/93	11/30/93	3/24/93	11/19/93	12/13/93	12/13/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0.5 to 1	1 to 2
Total Metals (mg/kg dry)								
Arsenic	54	61	18	6.6	17	110	12 J	3.8 J
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead					37			
Mercury								
Nickel								
Zinc								

Table B.14-1
Area LR Soil Metals Results

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	LR-126	LR-127	LR-128	LR-129	LR-12W	LR-131	LR-131W	LR-132
Date Sampled	3/24/93	11/19/93	3/24/93	11/10/93	11/2/93	11/10/93	11/10/93	3/25/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	68	51	26	20 J	18	33 J	20 J	43
Aluminum								
Antimony								
Cadmium			1.4					0.23
Chromium			9.1					19
Copper			66					22
Lead	124		100					24
Mercury			0.36					0.12 U
Nickel			12					23
Zinc			79					43

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	LR-133	LR-133-S-2	LR-133-S-3	LR-134	LR-135	LR-136	LR-137	LR-138
Date Sampled	11/8/93	12/10/93	12/10/93	3/25/93	11/9/93	3/25/93	11/9/93	11/29/93
Depth (ft bgs)	0 to 0.5	0.5 to 1	1 to 2	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	390	27	28	61	110	50	33	4.2 J
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead				54		31		
Mercury								
Nickel								
Zinc								

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	LR-139	LR-140	LR-141	LR-142-DAVG	LR-143	LR-144	LR-145	LR-146
Date Sampled	11/29/93	11/29/93	11/29/93	11/29/93	11/29/93	11/10/93	11/10/93	11/10/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	19	32	10	63	36	54 J	30 J	24 J
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead								
Mercury								
Nickel								
Zinc								

Table B.14-1
Area LR Soil Metals Results

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	LR-147	LR-148-DAVG	LR-149	LR-150	LR-151	LR-152	LR-153	LR-154
Date Sampled	11/10/93	11/9/93	11/9/93	11/9/93	11/9/93	11/9/93	11/9/93	5/18/92
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	2 J	12	33	51 J	39	43	42	55
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead								19
Mercury								
Nickel								
Zinc								

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	LR-155	LR-156	LR-157-DAVG	LR-157-S-2	LR-157-S-3	LR-158	LR-159	LR-160
Date Sampled	3/25/93	3/24/93	11/19/93	12/13/93	12/13/93	3/24/93	11/10/93	3/24/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0.5 to 1	1 to 2	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	25	29	120	14 J	6.2 J	56	25 J	6.6
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead	84	56				391		120
Mercury								
Nickel								
Zinc								

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	LR-161-DAVG	LR-162-DAVG	LR-163	LR-164	LR-165	LR-166	LR-167	LR-168
Date Sampled	11/10/93	3/24/93	11/9/93	3/25/93	11/9/93	3/25/93	11/9/93	3/25/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	34 J	44	23	16	23	7.6	26	38
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead		51		71		21		70
Mercury								
Nickel								
Zinc								

Table B.14-1
Area LR Soil Metals Results

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	LR-169	LR-170	LR-171	LR-172	LR-173-DAVG	LR-174	LR-175	LR-176
Date Sampled	11/16/93	11/19/93	11/19/93	11/19/93	11/18/93	11/18/93	11/9/93	11/9/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	73	71	19	47	10	16	28	34
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead								
Mercury								
Nickel								
Zinc								

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	LR-177	LR-178	LR-179	LR-17N	LR-180	LR-181-S-3	LR-182	LR-183
Date Sampled	11/9/93	11/9/93	11/9/93	11/1/93	11/9/93	12/16/93	3/25/93	11/19/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	1 to 2	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	20	41	14	26	84	6.3 J	40	24
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead							169	
Mercury								
Nickel								
Zinc								

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	LR-184	LR-185	LR-186	LR-187	LR-188	LR-189	LR-190	LR-191
Date Sampled	3/24/93	11/19/93	3/24/93	11/18/93	3/25/93	11/18/93	3/25/93	11/9/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	14	16	16	22	16	37	17	24
Aluminum								
Antimony								
Cadmium					0.36			
Chromium					14			
Copper					21			
Lead	86		12		20		87	
Mercury					0.14 U			
Nickel					17			
Zinc					32			

Table B.14-1
Area LR Soil Metals Results

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	LR-192	LR-193	LR-194	LR-195	LR-196	LR-197	LR-198	LR-199
Date Sampled	3/25/93	11/9/93	3/25/93	11/16/93	11/16/93	11/19/93	11/19/93	11/19/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	3	18	41	39	83	35	33	18
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead	27		280					
Mercury								
Nickel								
Zinc								

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	LR-200	LR-201	LR-202	LR-203	LR-204	LR-205	LR-206	LR-207
Date Sampled	11/18/93	11/18/93	11/18/93	11/18/93	11/18/93	11/18/93	11/18/93	11/10/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	30	15	19	25	14	46	19	140
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead								
Mercury								
Nickel								
Zinc								

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	LR-207-S-2	LR-207-S-3	LR-208	LR-209-DAVG	LR-210	LR-211	LR-212	LR-213
Date Sampled		12/10/93	11/16/93	3/25/93	11/16/93	3/25/93	11/16/93	3/25/93
Depth (ft bgs)	0.5 to 1	1 to 2	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	22	13	39	17	15	41	43	38
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead				38		85		105
Mercury								
Nickel								
Zinc								

Table B.14-1
Area LR Soil Metals Results

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	LR-214	LR-215	LR-216	LR-217	LR-218	LR-219	LR-220	LR-221
Date Sampled	11/19/93	3/25/93	11/19/93	3/25/93	11/18/93	3/25/93	11/18/93	3/25/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	59	13	23	21	26	24	49	21
Aluminum								
Antimony								
Cadmium		0.32						
Chromium		14						
Copper		20						
Lead		12		163		173		35
Mercury		0.11 U						
Nickel		14						
Zinc		35						

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	LR-222	LR-223	LR-224	LR-225-DAVG	LR-225A	LR-226	LR-227	LR-228
Date Sampled	11/18/93	3/25/93	11/18/93	11/16/93	12/6/93	11/16/93	11/16/93	11/16/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	6.9	70	31	19	8.1	48	38	25
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead		62						
Mercury								
Nickel								
Zinc								

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	LR-229	LR-230	LR-231	LR-232	LR-233	LR-234	LR-235	LR-236
Date Sampled	11/17/93	11/16/93	11/29/93	11/17/93	11/17/93	11/17/93	11/19/93	11/18/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	21	85	32	9.5	61 J	21 J	26	17
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead								
Mercury								
Nickel								
Zinc								

Table B.14-1
Area LR Soil Metals Results

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	LR-237-DAVG	LR-238	LR-239	LR-240	LR-241	LR-242	LR-243	LR-244
Date Sampled	11/18/93	11/18/93	11/18/93	11/18/93	11/16/93	3/25/93	11/16/93	3/25/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	36	13	52	44	8.1	4.5	3.6	24
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead						5 U		38
Mercury								
Nickel								
Zinc								

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	LR-245-DAVG	LR-246	LR-247	LR-248	LR-249	LR-250	LR-251	LR-252
Date Sampled	3/25/93	11/17/93	3/25/93	11/17/93	3/25/93	11/18/93	3/25/93	11/18/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	47	22 J	32	17 J	8.5	17	25	36
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead	264		101		308		74	
Mercury								
Nickel								
Zinc								

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	LR-253	LR-254	LR-254A	LR-255	LR-256	LR-257	LR-258	LR-259
Date Sampled	3/25/93	11/16/93	12/6/93	11/16/93	11/16/93	11/17/93	11/17/93	11/17/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	39	40	2	69	59	38 J	58 J	15
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead	82							
Mercury								
Nickel								
Zinc								

Table B.14-1
Area LR Soil Metals Results

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	LR-260	LR-261	LR-262	LR-263	LR-264	LR-265	LR-266	LR-267
Date Sampled	11/17/93	11/17/93	11/18/93	11/18/93	3/25/93	11/17/93	3/25/93	11/18/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	38 J	34	32	12	36	34	24	38
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead					287		278	
Mercury								
Nickel								
Zinc								

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	LR-301	LR-302	LR-303	LR-304	LR-305	LR-306	LR-307	LR-308
Date Sampled	6/30/93	6/30/93	6/30/93	6/30/93	6/30/93	6/30/93	6/30/93	6/30/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	33 J	29 J	6.5 J	26 J	23 J	45 J	23 J	62 J
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead								
Mercury								
Nickel								
Zinc								

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	LR-309	LR-310-DAVG	LR-311	LR-311-100E	LR-311-100N	LR-311-100S	LR-311-100W	LR-311-10S
Date Sampled	6/30/93	6/30/93	6/30/93	12/6/93	12/6/93	12/6/93	12/6/93	12/6/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	14 J	18	360	17	13	77	13	78
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead								
Mercury								
Nickel								
Zinc								

Table B.14-1
Area LR Soil Metals Results

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	LR-311-10W	LR-311-25S	LR-311-25W	LR-311-50N	LR-311-50S	LR-311-50W-DAVG	LR-311-75E	LR-311-75N
Date Sampled	12/6/93	12/6/93	12/6/93	12/6/93	12/6/93	12/6/93	12/6/93	12/6/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	110	29	13	85	240	68	16	36
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead								
Mercury								
Nickel								
Zinc								

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	LR-311-75S	LR-311-75W	LR-311-S-2	LR-311-S-3	LR-312	LR-313	LR-314	LR-315
Date Sampled	12/6/93	12/6/93	12/10/93	12/10/93	6/30/93	6/30/93	6/30/93	6/30/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0.5 to 1	1 to 2	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	76	28	55	100	25	34	11	20
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead								
Mercury								
Nickel								
Zinc								

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	LR-316	LR-317	LR-318	LR-318-100E	LR-318-100N	LR-318-100S	LR-318-100W	LR-318-10E
Date Sampled	6/30/93	6/30/93	6/30/93	12/7/93	12/7/93	12/7/93	12/7/93	12/7/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	55	16	150	45	69	23	95	15
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead								
Mercury								
Nickel								
Zinc								

Table B.14-1
Area LR Soil Metals Results

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	LR-318-10N	LR-318-10S	LR-318-10W	LR-318-25E	LR-318-25N	LR-318-25S	LR-318-25W	LR-318-50E
Date Sampled	12/7/93	12/7/93	12/7/93	12/7/93	12/7/93	12/7/93	12/7/93	12/7/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	180	22	90	11	97	330	24	25
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead								
Mercury								
Nickel								
Zinc								

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	LR-318-50N	LR-318-50S	LR-318-50W	LR-318-75E-DAVG	LR-318-75N	LR-318-75S	LR-318-75W	LR-318-S-2
Date Sampled	12/7/93	12/7/93	12/7/93	12/7/93	12/7/93	12/7/93	12/7/93	12/10/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0.5 to 1
Total Metals (mg/kg dry)								
Arsenic	25	40	51	47	27	55	62	8.7
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead								
Mercury								
Nickel								
Zinc								

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	LR-318-S-3	LR-319	LR-320	LR-321	LR-322	LR-38	RR-134-DAVG	RR-135
Date Sampled	12/10/93	6/30/93	6/30/93	6/30/93	6/30/93	3/24/93	12/20/93	12/20/93
Depth (ft bgs)	1 to 2	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	4.5	60	36	35	59	19	45	41
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead								
Mercury								
Nickel								
Zinc								

Table B.14-1
Area LR Soil Metals Results

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	RR-136	RR-140-A1	RR-140-B1	RR-142	RR-144	RR-145	RR-146	RR-147
Date Sampled	12/20/93	12/20/93	12/20/93	12/20/93	12/21/93	12/21/93	12/21/93	12/21/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	19	71	20	26	61	24	28	62
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead								
Mercury								
Nickel								
Zinc								

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	RR-148	RR-149	RR-150	RR-151	RR-152	RR-153	RR-502	RR-503
Date Sampled	12/21/93	12/21/93	12/21/93	12/21/93	12/21/93	12/21/93	3/30/93	3/30/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	38	42	40	60	37	18	81	27
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead								
Mercury								
Nickel								
Zinc								

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	RR-504	RR-506	RR-507	RR-509	RR-511-DAVG	RR-512	RR-513	RR-516
Date Sampled	3/30/93	3/30/93	3/30/93	3/30/93	3/31/93	4/1/93	4/1/93	
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	24	72	54	62	10	31	35	18 J
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead								
Mercury								
Nickel								
Zinc								

Table B.14-1
Area LR Soil Metals Results

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	RR-517-A2	RR-517-B2	RR-518	RR-520-DAVG	RR-521	RR-521-S-2-DAVG	RR-521-S-3	RR-522
Date Sampled	12/21/93	12/21/93				12/14/93	12/14/93	
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0.5 to 1	1 to 2	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	84	110	28 J	23 J	76 J	7 J	3.3 J	10 J
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead								
Mercury								
Nickel								
Zinc								

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	RR-524	RR-530-B	RR-530-C	RR-538-B	RR-538-C	RR-542-A1	RR-542-B1	RR-543-A1
Date Sampled						12/20/93	12/20/93	12/20/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	26 J	5.5	61	37	50	16	13	15
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead								
Mercury								
Nickel								
Zinc								

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	RR-543-B1	RR-544-B1	RR-544-B2	RR-545-B1	RR-545-B2	RR-546-C	RR-548-B1	RR-548-B2
Date Sampled	12/20/93	12/17/93	12/17/93	12/17/93	12/17/93		12/17/93	12/17/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	33	27	6.5	13	15	46	13	61
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead								
Mercury								
Nickel								
Zinc								

Table B.14-1
Area LR Soil Metals Results

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	RR-555-A1	RR-555-A2	RR-555-B1	RR-555-B2	RR-555-DAVG	RR-556	RR-558	RR-558-A1
Date Sampled	12/21/93	12/21/93	12/21/93	12/21/93	12/2/93	12/2/93	12/2/93	12/20/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	46	42	85	15	53	5.3	36	60
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead					34 J			
Mercury								
Nickel								
Zinc								

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	RR-558-B1	RR-567-B1	RR-567-B2	RR-582	RR-591-B1-DAVG	RR-591-B2	RR-593	UC-10
Date Sampled	12/20/93	12/17/93	12/17/93	12/3/93	12/17/93	12/17/93	12/2/93	7/1/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	59	210	21	36	7.8	11	27	61
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead				50 J			46 J	
Mercury								
Nickel								
Zinc								

Area	LR	LR	LR	LR	LR	LR	LR	LR
Sample ID	UC-11	UC-12	UC-13	UC-14	UC-15	UC-16	UC-2	UC-5
Date Sampled	7/1/93	7/1/93					7/1/93	7/1/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Arsenic	59	80	77	57	44	56	19	57
Aluminum								
Antimony								
Cadmium								
Chromium								
Copper								
Lead								
Mercury								
Nickel								
Zinc								

Table B.14-1
Area LR Soil Metals Results

Area	LR	LR	LR	LR
Sample ID	UC-6	UC-7	UC-8	UC-9
Date Sampled	7/1/93	7/1/93	7/1/93	7/1/93
Depth (ft bgs)	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	33	59	40	87
Aluminum				
Antimony				
Cadmium				
Chromium				
Copper				
Lead				
Mercury				
Nickel				
Zinc				

Table B.14-2
Area LR Soil Explosives Results

Area	LR	LR	LR	LR	LR	LR	LR
Sample ID	APA-SS-502	APA-TP-501-S-1-DAVG	APA-TP-501-S-2	APB-TP-502-S-1	APB-TP-502-S-2	APG-SS-501	APG-SS-502
Date Sampled	5/27/92	5/27/92	5/27/92	5/27/92	5/27/92	5/26/92	5/26/92
Depth (ft bgs)	0 to 0.5	0 to 1	3 to 5	0 to 1	3 to 5	0 to 0.5	0 to 0.5
Explosives (mg/kg)							
1,3,5-Trinitrobenzene	0.18 U	0.067 U	0.031 U	0.034 U	0.031 U	0.16 U	0.17 U
1,3-Dinitrobenzene	0.23 U	0.089 U	0.041 U	0.046 U	0.041 U	0.21 U	0.23 U
2,4,6-Trinitrotoluene	0.018 U	0.0067 U	0.0031 U	0.0034 U	0.0031 U	0.016 U	0.017 U
2,4-Dinitrotoluene	0.035 U	0.013 U	0.0062 U	0.0068 U	0.0062 U	0.032 U	0.034 U
2,6-Dinitrotoluene	0.035 U	0.013 U	0.0062 U	0.0068 U	0.0062 U	0.032 U	0.034 U
DNT - Total	*0.07 U*	*0.026 U*	*0.0124 U*	*0.0136 U*	*0.0124 U*	*0.064 U*	*0.068 U*
Monomethylamine Nitrate	5.9 U	5.6 U	5.2 U				
Nitrobenzene	0.35 U	0.13 U	0.062 U	0.068 U	0.061 U	0.32 U	0.34 U
Nitroglycerine	0.24 U	1.1	0.21 U	0.23 U	0.21 U	0.21 U	0.23 U

Area	LR	LR	LR	LR	LR	LR	LR
Sample ID	APG-SS-503	APG-TP-501-S-1	APG-TP-501-S-2	APG-TP-503-S-1	APG-TP-503-S-2	APG-TP-504-S-1	APG-TP-504-S-2
Date Sampled	5/26/92	5/26/92	5/26/92	5/26/92	5/26/92	5/27/92	5/27/92
Depth (ft bgs)	0 to 0.5	0 to 1	3 to 5	0 to 1	3 to 5	0 to 1	3 to 5
Explosives (mg/kg)							
1,3,5-Trinitrobenzene	0.35 U	0.17 U	0.16 U	0.17 U	0.031 U	0.071 U	0.065 U
1,3-Dinitrobenzene	0.47 U	0.23 U	0.21 U	0.23 U	0.041 U	0.095 U	0.087 U
2,4,6-Trinitrotoluene	0.035 U	0.017 U	0.016 U	0.017 U	0.0031 U	0.0071 U	0.0065 U
2,4-Dinitrotoluene	0.07 U	0.035 U	0.032 U	0.035 U	0.0062 U	0.014 U	0.013 U
2,6-Dinitrotoluene	0.07 U	0.035 U	0.032 U	0.035 U	0.0062 U	0.014 U	0.013 U
DNT - Total	*0.14 U*	*0.07 U*	*0.064 U*	*0.07 U*	*0.0124 U*	*0.028 U*	*0.026 U*
Monomethylamine Nitrate							
Nitrobenzene	0.7 U	0.34 U	0.32 U	0.34 U	0.061 U	0.14 U	0.13 U
Nitroglycerine	0.23 U	0.23 U	0.21 U	0.23 U	0.21 U	0.23 U	0.22 U

Table B.14-3
Area LR Soil Pesticide, PCB, and TPH Results

Area	LR
Sample ID	BG-SS-4
Date Sampled	11/11/86
Depth	0 to 0.5
Pesticides (mg/kg dry)	
4,4'-DDD	20 U
4,4'-DDE	20 U
4,4'-DDT	20 U
Aldrin	0.6 J
Alpha-BHC	10 U
Beta-BHC	10 U
Chlordane	99.9 U
Delta-BHC	10 U
Dieldrin	20 U
Endosulfan I	10 U
Endosulfan II	20 U
Endosulfan Sulfate	20 U
Endrin	20 U
Endrin Ketone	20 U
Gamma-BHC	10 U
Heptachlor	10 U
Heptachlor Epoxide	10 U
Methoxychlor	99.9 U
Toxaphene	200 U
PCBs (mg/kg dry)	
PCB-1016	0.0999 U
PCB-1221	0.0999 U
PCB-1232	0.0999 U
PCB-1242	0.0999 U
PCB-1248	0.0999 U
PCB-1254	0.2 U
PCB-1260	0.2 U
TPH (mg/kg dry)	
Oil And Grease	120

Table B.14-4
Area LR Soil Nitrate Results

Area	LR	LR
Sample ID	APB-TP-502-S-1	APB-TP-502-S-2
Date Sampled	5/27/92	5/27/92
Depth (ft bgs)	0 to 1	3 to 5
General Chem (mg/kg dry)		
Nitrate as Nitrogen	2.7	1.8

Table B.15-1
Historical Railroad Grade Soil Metals Results

Area	RR-N	RR-N	RR-N	RR-N	RR-N	RR-N	RR-N	RR-N
Sample ID	30-VS-3	30-VS-4	30-VS-5	30-VS-6	30-VS-7	LR-062S	LR-062W	LR-104 1'-2'
Date Sampled	3/30/92	3/30/92	3/30/92	3/30/92	4/7/92	11/4/92	11/4/92	
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	1 to 2
Total Metals (mg/kg dry)								
Aluminum	18000	17000	14000	13000	3800			
Antimony	0.31 UJ	0.3 UJ	0 79 J	0 32 J	0 86 J			
Arsenic	7.6 J	6 J	12 J	11 J	21			7
Beryllium	0.39	0 4	0 31	0 28	0 14 U			
Cadmium	6.6	11 3	6 5	2	2.9 J			
Chromium	13	11	10	9 3	2.5			
Copper	14	18	19	13	5.1			
Lead	130	130	750	62	130	830	120	
Mercury	0.11 U	0.15	1 4	0.18	0.17			
Nickel	16	15	15	13	2.8			
Selenium	0.3 U	0.34	1.6	0.54	0.43			
Silver	0.037	0.068	0.21	0.037	0.36 U			
Thallium	0.3 U	0.3 U	0.31 U	0.3 U	0.35 U			
Zinc	1700	1400	1300	450	93			

Area	RR-N	RR-N	RR-N	RR-N	RR-N	RR-N	RR-N	RR-N
Sample ID	LR-116	RR-102	RR-114	RR-115-DAVG	RR-116	RR-117	RR-118	RR-121
Date Sampled	11/10/93	12/17/93	12/17/93	12/17/93	12/17/93	12/17/93	12/17/93	12/17/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Aluminum								
Antimony								
Arsenic	130 J	290	330	340	220	180	230	360
Beryllium								
Cadmium								
Chromium								
Copper								
Lead								
Mercury								
Nickel								
Selenium								
Silver								
Thallium								
Zinc								

Table B.15-1
Historical Railroad Grade Soil Metals Results

Area	RR-N	RR-N	RR-N	RR-N	RR-N	RR-N	RR-N	RR-N
Sample ID	RR-515 1'-2'	RR-528	RR-528-S-2	RR-528-S-3	RR-529	RR-530	RR-530-A	RR-531
Date Sampled			12/13/93	12/13/93				
Depth	1 to 2	0 to 0.5	0.5 to 1	1 to 2	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Aluminum								
Antimony								
Arsenic	47	400 J	100 J	40 J	85 J	290 J	68	140 J
Beryllium								
Cadmium								
Chromium								
Copper								
Lead								
Mercury								
Nickel								
Selenium								
Silver								
Thallium								
Zinc								

Area	RR-N	RR-N	RR-N	RR-N	RR-N	RR-N	RR-N	RR-N
Sample ID	RR-533	RR-534	RR-535	RR-537	RR-538-A	RR-539	RR-540-DAVG	RR-544-A2
Date Sampled						7/7/93		12/17/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Aluminum								
Antimony								
Arsenic	50 J	140 J	190	210	50	260 J	88	9.1
Beryllium								
Cadmium								
Chromium								
Copper								
Lead								
Mercury								
Nickel								
Selenium								
Silver								
Thallium								
Zinc								

Table B.15-1
Historical Railroad Grade Soil Metals Results

Area	RR-N	RR-N	RR-N	RR-N	RR-N	RR-N	RR-N	RR-N
Sample ID	RR-545-A2	RR-548-A2	RR-559-S-3	RR-560	RR-561	RR-562	RR-563	RR-564
Date Sampled	12/17/93	12/17/93	12/16/93	12/2/93	12/2/93	12/2/93	12/2/93	12/2/93
Depth	0 to 0.5	0 to 0.5	1 to 2	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Aluminum								
Antimony								
Arsenic	40	21	16	110	190	280	150	150
Beryllium								
Cadmium								
Chromium								
Copper								
Lead					5.9 U		24 J	
Mercury								
Nickel								
Selenium								
Silver								
Thallium								
Zinc								

Area	RR-N	RR-N	RR-N	RR-N	RR-N	RR-N	RR-N	RR-N
Sample ID	RR-566	RR-567	RR-567-A1	RR-567-A2	RR-567-S-2	RR-567-S-3	RR-583	RR-588
Date Sampled	12/1/93	12/1/93	12/17/93	12/17/93	12/15/93	12/15/93	12/3/93	12/2/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0.5 to 1	1 to 2	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)								
Aluminum								
Antimony								
Arsenic	520	400	310	56	16 J	6.7 J	15	280
Beryllium								
Cadmium								
Chromium								
Copper								
Lead	43 J							
Mercury								
Nickel								
Selenium								
Silver								
Thallium								
Zinc								

Table B.15-1
Historical Railroad Grade Soil Metals Results

Area	RR-N	RR-N	RR-N	RR-N
Sample ID	RR-589	RR-594	RR-595-S-3	RR-622
Date Sampled	12/2/93	12/3/93	12/15/93	12/3/93
Depth	0 to 0.5	0 to 0.5	1 to 2	0 to 0.5
Total Metals (mg/kg dry)				
Aluminum				
Antimony				
Arsenic	370	180	23 J	62
Beryllium				
Cadmium				
Chromium				
Copper				
Lead	93 J			
Mercury				
Nickel				
Selenium				
Silver				
Thallium				
Zinc				

Table B.15-2
Historical Railroad Grade Soil TPH Results

Area	RR-N	RR-N	RR-N	RR-N	RR-N
Sample ID	**30-VS-3**	**30-VS-4**	**30-VS-5**	**30-VS-6**	**30-VS-7**
Date Sampled	**3/30/92**	**3/30/92**	**3/30/92**	**3/30/92**	**4/7/92**
Depth	**0 to 0.5**	**0 to 0.5**	**0 to 0.5**	**0 to 0.5**	**0 to 0.5**
TPH (mg/kg dry)					
TPH Scan	25 U	25 U	24 U	25 U	20 U
Diesel	25 U	25 U	25 U	25 U	25 U
Gasoline	9	5 U	12	7	5 U

Table B.16-1
Creek Area Soil Metals Results

Area	Creek	Creek	Creek	Creek	Creek
Sample ID	01-OS02-SS-[LR-68-1050E]-C1-000	01-OS02-SS-[LR-68-1125E]-C1-000	01-OS02-SS-[LR-68-1200E]-C1-000	01-OS02-SS-[LR-68-1425E]-C1-000	01-OS02-SS-[LR-68-1500E]-C1-000
Date Sampled	1/10/01	1/10/01	1/10/01	1/10/01	1/10/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)					
Arsenic	230	110	210	410	250
Cadmium					
Chromium					
Copper					
Lead	52	58	94	2400	62
Mercury					
Nickel					
Zinc					

Area	Creek	Creek	Creek	Creek	Creek
Sample ID	01-OS02-SS-[LR-68-150E]-C1-000	01-OS02-SS-[LR-68-150W]-C1-000	01-OS02-SS-[LR-68-1650E]-C1-000	01-OS02-SS-[LR-68-1725E]-C1-000	01-OS02-SS-[LR-68-225E]-C1-000
Date Sampled	1/10/01	1/11/01	1/10/01	1/10/01	1/10/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)					
Arsenic	370	220	440	120	150
Cadmium					
Chromium					
Copper					
Lead	56	48	220	330	22
Mercury					
Nickel					
Zinc					

Area	Creek	Creek	Creek	Creek	Creek
Sample ID	01-OS02-SS-[LR-68-225W]-C1-000	01-OS02-SS-[LR-68-300E]-C1-000	01-OS02-SS-[LR-68-300W]-C1-000	01-OS02-SS[LR-68-300W-TRANSECT]-C1-000	01-OS02-SS-[LR-68-375E]-C1-000
Date Sampled	1/11/01	1/10/01	1/11/01	8/29/01	1/10/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)					
Arsenic	95	320	230	20	280
Cadmium					
Chromium					
Copper					
Lead	83	34	26	23	37
Mercury					
Nickel					
Zinc					

Table B.16-1
Creek Area Soil Metals Results

Area	Creek	Creek	Creek	Creek	Creek
Sample ID	01-OS02-SS-[LR-68-375W]-C1-000	01-OS02-SS-[LR-68-450E]-C1-000	01-OS02-SS-[LR-68-450W]-C1-000	01-OS02-SS[LR-68-600E-TRANSECT]-C1-000	01-OS02-SS-[LR-68-675E]-C1-000
Date Sampled	1/11/01	1/10/01	1/11/01	8/29/01	1/10/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)					
Arsenic	120	30	110	20	140
Cadmium					
Chromium					
Copper					
Lead	22	19	12	1700	21
Mercury					
Nickel					
Zinc					

Area	Creek	Creek	Creek	Creek	Creek
Sample ID	01-OS02-SS-[LR-68-750E]-C1-000	01-OS02-SS-[LR-68-825E]-C1-000	01-OS02-SS-[LR-68-900E]-C1-000	01-OS02-SS-[LR-68-975E]-C1-000	02-OS02-[LR-68-600E-2-TRANSECT]-D1-000
Date Sampled	1/10/01	1/10/01	1/10/01	1/10/01	9/12/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)					
Arsenic	320	140	99	27	33
Cadmium					
Chromium					
Copper					
Lead	30	40	62	12	2900
Mercury					
Nickel					
Zinc					

Area	Creek	Creek	Creek	Creek	Creek
Sample ID	02-OS02-[LR-68-600E-3-TRANSECT]-D1-000	02-OS02-[LR-68-600E-4-TRANSECT]-D1-000	02-OS02-[LR-68-600E-5-TRANSECT]-D1-000	02-OS02-[LR-68-600E-6-TRANSECT]-D1-000	02-OS02-SS[LR-68-0-02]C02-1.5
Date Sampled	9/12/01	9/12/01	9/12/01	9/12/01	8/1/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	1.5 to 2
Total Metals (mg/kg dry)					
Arsenic	22	19	16	19	98
Cadmium					
Chromium					
Copper					
Lead	360	260	430	10	210
Mercury					
Nickel					
Zinc					

Table B.16-1
Creek Area Soil Metals Results

Area	Creek	Creek	Creek	Creek	Creek
Sample ID	02-OS02-SS[LR-68-1350E-02]C02-1.5	02-OS02-SS[LR-68-1575E-02]C02-1.5	02-OS02-SS[LR-68-525E-02]C02-1.5	02-OS02-SS[LR-68-600E-02]C02-1.5	02-OS02-SS[LR-68-75-02]C02-1.5
Date Sampled	8/1/01	8/1/01	8/1/01	8/1/01	8/1/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg dry)					
Arsenic	40	67	85	130	99
Cadmium					
Chromium					
Copper					
Lead	9.1	21	190	20	16
Mercury					
Nickel					
Zinc					

Area	Creek	Creek	Creek	Creek	Creek
Sample ID	31-SS-402	31-SS-502	31-TP-509-S-1	31-TP-509-S-2	31-TP-509-S-3
Date Sampled	11/8/93	2/14/92	2/27/92	2/27/92	2/27/92
Depth	0 to 0.5	0 to 0.5	0 to 1	3 to 6	8 to 10
Total Metals (mg/kg dry)					
Arsenic	14			2.3	2.6
Cadmium				0.053 J	0.047 J
Chromium				12	12
Copper				14	11
Lead		45	5.9 U	5.4 UJ	5.1 UJ
Mercury				0.078 U	0.08 U
Nickel				18	15
Zinc				22	21

Area	Creek	Creek	Creek	Creek	Creek
Sample ID	31-VS-432	31-VS-433	31-VS-528	31-VS-530	31-VS-531
Date Sampled	1/25/00	1/25/00	4/18/00	4/18/00	4/18/00
Depth	2 to 4.5	0 to 0.5	1 to 2.5	0 to 0.5	1 to 2.5
Total Metals (mg/kg dry)					
Arsenic	2.3	93	5.3	11	16
Cadmium					
Chromium					
Copper					
Lead	6	32	7.1	12	32
Mercury					
Nickel					
Zinc					

Table B.16-1
Creek Area Soil Metals Results

Area	Creek	Creek	Creek	Creek	Creek
Sample ID	LR-052	LR-069W	LR-085	LR-101	LR-102
Date Sampled	11/8/93	12/15/93	11/8/93	3/29/93	3/29/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)					
Arsenic	6.3 J	18 J	7.9 J	15 J	14 J
Cadmium					
Chromium					
Copper					
Lead				11	521
Mercury					
Nickel					
Zinc					

Area	Creek	Creek	Creek	Creek	Creek
Sample ID	LR-120	LR-68-E125	LR-68-N125-DAVG	LR-68-S125	LR-68-S175
Date Sampled	12/15/93	11/4/92	11/4/92	11/4/92	5/14/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)					
Arsenic	27 J				12
Cadmium					
Chromium					
Copper					
Lead		10	76	17	11
Mercury					
Nickel					
Zinc					

Area	Creek	Creek	Creek	Creek	Creek
Sample ID	LR-68-S275	LR-68-S375	LR-68-S475-DAVG	LR-68-S575	LR-68-S675
Date Sampled	5/14/93	5/14/93	5/14/93	5/14/93	5/14/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)					
Arsenic					
Cadmium					
Chromium					
Copper					
Lead	18	11	5 U	12000	11
Mercury					
Nickel					
Zinc					

Table B.16-1
Creek Area Soil Metals Results

Area	Creek	Creek	Creek	Creek	Creek
Sample ID	LR-68-S775	LR-68-S875	LR-68-W25	RR-592	RR-596
Date Sampled	5/14/93	5/14/93	4/6/93	12/2/93	12/3/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)					
Arsenic				39	440
Cadmium					
Chromium					
Copper					
Lead	14	1600	150		
Mercury					
Nickel					
Zinc					

Area	Creek	Creek	Creek	Creek	Creek
Sample ID	RR-596-S-2	RR-596-S-3	RR-597	RR-598-DAVG	RR-599
Date Sampled	12/15/93	12/15/93	12/3/93	12/3/93	12/3/93
Depth	0.5 to 1	1 to 2	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)					
Arsenic	360 J	120 J	320	260	170
Cadmium					
Chromium					
Copper					
Lead	13		720 J		6.3 J
Mercury					
Nickel					
Zinc					

Table B.16-2
Creek Area Soil Explosives Results

Area	Creek	Creek	Creek
Sample ID	31-TP-509-S-1	31-TP-509-S-2	31-TP-509-S-3
Date Sampled	2/27/92	2/27/92	2/27/92
Depth (ft bgs)	0 to 1	3 to 6	8 to 10
Explosives (mg/kg dry)			
1,3-Dinitrobenzene	0.048 U	0.042 U	
2,4-Dinitrotoluene	0.0072 U	0.0064 U	0.18 U
2,6-Dinitrotoluene	0.0072 U	0.0064 U	0.18 U
DNT - Total	0.0144 U	0.0128 U	0.36 U
Nitrobenzene	0.071 U	0.063 U	0.18 U
1,3,5-Trinitrobenzene	0.036 U	0.032 U	
2,4,6-Trinitrotoluene	0.0036 U	0.0032 U	

Table B.16-3
Creek Area Soil SVOC Results

Area Sample ID Date Sampled Depth (ft bgs)	Creek 31-TP-509-S-2 2/27/92 3 to 6	Creek 31-TP-509-S-3 2/27/92 8 to 10
Semivolatiles (mg/kg dry)		
Aniline	0.18 U	0.18 U
Benzidine	1.8 U	1.8 U
Benzoic Acid	0.92 U	0.91 U
Benzyl Alcohol	0.18 U	0.18 U
Bis(2-Chloroethoxy)methane	0.18 U	0.18 U
Bis(2-Chloroisopropyl)ether	0.18 U	0.18 U
Bis(2-ethylhexyl)Phthalate (DEHP)	0.18 U	0.18 U
Bis(Chloroethyl)ether	0.18 U	0.18 U
Bromodiphenyl ether, 4-	0.18 U	0.18 U
Butyl Benzyl Phthalate, N-	0.18 U	0.18 U
Chloroaniline, 4-	0.18 U	0.18 U
Chloronaphthalene, 2-	0.18 U	0.18 U
Chlorophenol, 2-	0.18 U	0.18 U
Chlorophenyl-phenyl ether, 4-	0.18 U	0.18 U
Dibenzofuran	0.18 U	0.18 U
Dibutyl Phthalate	0.18 U	0.18 U
Dichlorobenzene, 1,2-	0.18 U	0.18 U
Dichlorobenzene, 1,3-	0.18 U	0.18 U
Dichlorobenzene, 1,4-	0.18 U	0.18 U
Dichlorobenzidine, 3,3'	0.37 U	0.36 U
Dichlorophenol, 2,4-	0.18 U	0.18 U
Diethyl Phthalate	0.18 U	0.18 U
Dimethyl Phthalate	0.18 U	0.18 U
Dimethylphenol, 2,4-	0.18 U	0.18 U
Dinitro-o-Cresol, 4,6-	0.92 U	0.91 U
Dinitrophenol, 2,4-	0.92 U	0.91 U
Di-N-Octylphthalate	0.18 U	0.18 U
Hexachlorobenzene	0.18 U	0.18 U
Hexachlorobutadiene	0.18 U	0.18 U
Hexachlorocyclopentadiene	0.18 U	0.18 U
Hexachloroethane	0.18 U	0.18 U
Isophorone	0.18 U	0.18 U
Methylphenol, 2-	0.18 U	0.18 U
Methylphenol, 4-	0.18 U	0.18 U
Nitroaniline, 2-	0.92 U	0.91 U
Nitroaniline, 3-	0.92 U	0.91 U
Nitroaniline, 4-	0.92 U	0.91 U
Nitrophenol, 2-	0.18 U	0.18 U
Nitrophenol, 4-	0.92 U	0.91 U
Nitrosodimethylamine, N-	0.18 U	0.18 U
Nitrosodi-N-propylamine, N-	0.18 U	0.18 U
Nitrosodiphenylamine, N-	0.18 U	0.18 U
Pentachlorophenol	0.18 U	0.18 U
Phenol	0.18 U	0.18 U
Trichlorobenzene, 1,2,4-	0.18 U	0.18 U
Trichlorophenol, 2,4,5-	0.92 U	0.91 U
Trichlorophenol, 2,4,6-	0.18 U	0.18 U

Table B.16-4
Creek Area Soil PAH Results

Area Sample ID Date Sampled Depth (ft bgs)	Creek 31-TP-509-S-2 2/27/92 3 to 6	Creek 31-TP-509-S-3 2/27/92 8 to 10
PAHs (mg/kg dry)		
Acenaphthene	0.18 U	0.18 U
Acenaphthylene	0.18 U	0.18 U
Anthracene	0.0088 U	0.0089 U
Benzo(a)Anthracene	0.018 U	0.018 U
Benzo(a)Pyrene	0.018 U	0.018 U
Benzo(b)Fluoranthene	0.018 U	0.018 U
Benzo(g,h,i)Perylene	0.018 U	0.018 U
Benzo(k)Fluoranthene	0.018 U	0.018 U
Chrysene	0.018 U	0.018 U
Dibenz(a,h)anthracene	0.036 U	0.037 U
Fluoranthene	0.018 U	0.018 U
Fluorene	0.018 U	0.018 U
Indeno(1,2,3-cd)pyrene	0.018 U	0.018 U
Methylnaphthalene, 2-	0.18 U	0.18 U
Naphthalene	0.088 U	0.089 U
Phenanthrene	0.0088 U	0.0089 U
Pyrene	0.018 U	0.018 U
PAH (Non-Carc) - Total	0.7176 U	0.7188 U
Total Carcinogenic PAHS (BaP TEQs)	0.059598 U	0.060598 U

Table B.16-5
Creek Area Soil TPH Results

Area Sample ID Date Sampled Depth (ft bgs)	Creek 31-TP-509-S-2 2/27/92 3 to 6	Creek 31-TP-509-S-3 2/27/92 8 to 10
TPH (mg/kg dry)		
TPH (418.1)	20 U	20 U

Table B.17-1
Candidate Area Characterization Sample Soil Metals Results

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C011-SS-[R19C55]-D1-000	01-C011-SS-[R20C55]-D1-000	01-C011-SS-[R20C56]-D1-000	01-C011-SS-[R21C55]-D1-000
Date Sampled	2/20/01	2/20/01	2/20/01	2/20/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	30	17	2.5 U	35
Lead	29	40	10	95

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C011-SS-[R21C56]-D1-000	01-C011-SS-[R21C57]-D1-000	01-C011-SS-[R21C58]-D1-000	01-C011-SS-[R22C55]-D1-000
Date Sampled	2/20/01	2/20/01	2/20/01	2/20/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	4.7	34	40	45
Lead	11	89	98	77

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C011-SS-[R22C56]-D1-000-DAVG	01-C011-SS-[R22C57]-D1-000	01-C011-SS-[R22C58]-D1-000	01-C011-SS-[R22C59]-D1-000
Date Sampled	4/3/01	2/20/01	2/20/01	2/22/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	23	39	63	46
Lead	26	210	84	52

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C011-SS-[R23C55]-D1-000	01-C011-SS-[R23C56]-D1-000	01-C011-SS-[R23C57]-D1-000	01-C011-SS-[R23C58]-D1-000
Date Sampled	2/20/01	2/20/01	2/20/01	2/20/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	19	3.5	28	22
Lead	21	7.8	36	43

Table B.17-1
Candidate Area Characterization Sample Soil Metals Results

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C011-SS-[R23C59]-D1-000	01-C011-SS-[R24C55]-D1-000	01-C011-SS-[R24C56]-D1-000	01-C011-SS-[R24C57]-D1-000
Date Sampled	2/22/01	2/20/01	2/20/01	2/20/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	31	43	36	15
Lead	30	230	79	14

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C011-SS-[R24C58]-D1-000	01-C011-SS-[R24C59]-D1-000	01-C011-SS-[R24C60]-D1-000	01-C011-SS-[R25C55]-D1-000
Date Sampled	2/20/01	2/22/01	2/22/01	2/20/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	12	53	45	51
Lead	15	61	25	67

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C011-SS-[R25C56]-D1-000	01-C011-SS-[R25C57]-D1-000	01-C011-SS-[R25C58]-D1-000	01-C011-SS-[R25C59]-D1-000
Date Sampled	2/20/01	2/20/01	2/20/01	2/22/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	14	31	59	58
Lead	14	28	160	38

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C011-SS-[R25C60]-D1-000	01-C011-SS-[R26C55]-D1-000	01-C011-SS-[R26C56]-D1-000	01-C011-SS-[R26C57]-D1-000
Date Sampled	2/22/01	2/20/01	2/20/01	2/20/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	55	43	39	45
Lead	52	150	64	81

Table B.17-1
Candidate Area Characterization Sample Soil Metals Results

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C011-SS-[R26C58]-D1-000	01-C011-SS-[R26C59]-D1-000	01-C011-SS-[R26C60]-D1-000	01-C011-SS-[R26C61]-D1-000
Date Sampled	2/20/01	2/22/01	2/22/01	2/22/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	37	20	71	84
Lead	46 J	26	230	100

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C011-SS-[R27C55]-D1-000	01-C011-SS-[R27C56]-D1-000	01-C011-SS-[R27C57]-D1-000	01-C011-SS-[R27C58]-D1-000
Date Sampled	2/20/01	2/20/01	2/20/01	2/20/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	3.5	47	34	26
Lead	8.7	130	80	34 J

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C011-SS-[R27C59]-D1-000	01-C011-SS-[R27C60]-D1-000	01-C011-SS-[R27C61]-D1-000	01-C011-SS-[R28C55]-D1-000
Date Sampled	2/20/01	2/22/01	2/22/01	2/20/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	48	60	91	12
Lead	75 J	27	77	25

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C011-SS-[R28C56]-D1-000	01-C011-SS-[R28C57]-D1-000	01-C011-SS-[R28C58]-D1-000	01-C011-SS-[R28C59]-D1-000
Date Sampled	2/20/01	2/20/01	2/20/01	2/20/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	42	15	61	38
Lead	21	30	43 J	64 J

Table B.17-1
Candidate Area Characterization Sample Soil Metals Results

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C011-SS-[R28C60]-D1-000	01-C011-SS-[R28C61]-D1-000	01-C011-SS-[R28C62]-D1-000	01-C011-SS-[R29C55]-D1-000-DAVG
Date Sampled	2/22/01	2/22/01	2/22/01	2/20/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	34	20	85	12
Lead	80	17	21	18

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C011-SS-[R29C56]-D1-000	01-C011-SS-[R29C57]-D1-000	01-C011-SS-[R29C59]-D1-000	01-C011-SS-[R29C60]-D1-000
Date Sampled	2/20/01	2/20/01	2/20/01	2/22/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	16	8.7	37	21
Lead	25	13	49 J	17

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C011-SS-[R29C61]-D1-000-DAVG	01-C011-SS-[R29C62]-D1-000	01-C011-SS-[R30C55]-D1-000-DAVG	01-C011-SS-[R30C56]-D1-000
Date Sampled	2/22/01	2/22/01	2/20/01	2/20/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	22.5	24	28	38
Lead	39	24	66	65

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C011-SS-[R30C57]-D1-000	01-C011-SS-[R30C58]-D1-000	01-C011-SS-[R30C59]-D1-000	01-C011-SS-[R30C60]-D1-000
Date Sampled	2/20/01	2/20/01	2/20/01	2/22/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	16	12	45	26
Lead	28	34 J	60 J	64

Table B.17-1
Candidate Area Characterization Sample Soil Metals Results

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C011-SS-[R30C61]-D1-000	01-C011-SS-[R30C62]-D1-000	01-C011-SS-[R31C55]-D1-000-DAVG	01-C011-SS-[R31C56]-D1-000
Date Sampled	2/22/01	2/22/01	2/20/01	2/20/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	57	16	16.5	62
Lead	330	17	40.5	45

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C011-SS-[R31C57]-D1-000	01-C011-SS-[R31C58]-D1-000	01-C011-SS-[R31C59]-D1-000	01-C011-SS-[R31C60]-D1-000
Date Sampled	2/20/01	2/20/01	2/20/01	2/22/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	22	2.4 U	49	29
Lead	71	5.4 J	150 J	20

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C011-SS-[R31C61]-D1-000	01-C011-SS-[R31C62]-D1-000	01-C011-SS-[R31C63]-D1-000	01-C011-SS-[R32C56]-D1-000
Date Sampled	2/22/01	2/22/01	2/22/01	2/20/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	24	35	55	19
Lead	21	48	38	20

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C011-SS-[R32C57]-D1-000	01-C011-SS-[R32C58]-D1-000	01-C011-SS-[R32C59]-D1-000	01-C011-SS-[R32C60]-D1-000
Date Sampled	2/20/01	2/20/01	2/20/01	2/22/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	21	8.2	12	37
Lead	26	13 J	42 J	79

Table B.17-1
Candidate Area Characterization Sample Soil Metals Results

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C011-SS-[R32C61]-D1-000	01-C011-SS-[R32C62]-D1-000	01-C011-SS-[R32C63]-D1-000	01-C011-SS-[R32C64]-D1-000
Date Sampled	2/22/01	2/22/01	2/22/01	2/22/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	30	59	54	76
Lead	36	110	97	120

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C011-SS-[R33C56]-D1-000	01-C011-SS-[R33C57]-D1-000	01-C011-SS-[R33C58]-D1-000	01-C011-SS-[R33C59]-D1-000
Date Sampled	2/20/01	2/20/01	2/20/01	2/20/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	31	36	18	4
Lead	25	54	23 J	9.1 J

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C011-SS-[R33C60]-D1-000	01-C011-SS-[R33C61]-D1-000	01-C011-SS-[R33C62]-D1-000	01-C011-SS-[R33C63]-D1-000
Date Sampled	2/22/01	2/22/01	2/22/01	2/22/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	39	48	42	33
Lead	79	44	43	59

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C011-SS-[R33C64]-D1-000	01-C011-SS-[R34C57]-D1-000	01-C011-SS-[R34C58]-D1-000	01-C011-SS-[R34C59]-D1-000
Date Sampled	2/22/01	2/20/01	2/20/01	2/20/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	39	27	36	6.4
Lead	65	47	54 J	14 J

Table B.17-1
Candidate Area Characterization Sample Soil Metals Results

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C011-SS-[R34C60]-D1-000	01-C011-SS-[R34C61]-D1-000	01-C011-SS-[R34C62]-D1-000	01-C011-SS-[R34C63]-D1-000
Date Sampled	2/22/01	2/22/01	2/22/01	2/22/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	15	18	28	37
Lead	38	33	32	49

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C011-SS-[R34C64]-D1-000	01-C011-SS-[R35C58]-D1-000	01-C011-SS-[R35C59]-D1-000	01-C011-SS-[R35C60]-D1-000
Date Sampled	2/22/01	2/20/01	2/20/01	2/22/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	8.6	8.2	15	65
Lead	4.4	11 J	44 J	92

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C011-SS-[R35C61]-D1-000	01-C011-SS-[R35C62]-D1-000	01-C011-SS-[R35C63]-D1-000	01-C011-SS-[R35C64]-D1-000
Date Sampled	2/22/01	2/22/01	2/22/01	2/22/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	19	35	110	18
Lead	13	56	120	7.7

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C011-SS-[R35C65]-D1-000	01-C011-SS-[R36C59]-D1-000	01-C011-SS-[R36C60]-D1-000	01-C011-SS-[R36C61]-D1-000
Date Sampled	2/22/01	2/20/01	2/22/01	2/22/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	62	4.7	8.6	83
Lead	100	9.4 J	12	210

Table B.17-1
Candidate Area Characterization Sample Soil Metals Results

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C011-SS-[R36C62]-D1-000	01-C011-SS-[R36C63]-D1-000	01-C011-SS-[R36C64]-D1-000	01-C011-SS-[R36C65]-D1-000
Date Sampled	2/22/01	2/22/01	2/22/01	2/22/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	16	16	42	92
Lead	15	21	59	120

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C011-SS-[R37C60]-D1-000	01-C011-SS-[R37C61]-D1-000	01-C011-SS-[R37C62]-D1-000-DAVG	01-C011-SS-[R37C63]-D1-000-DAVG
Date Sampled	2/22/01	2/22/01	2/22/01	2/22/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	26	48	39.5	38.5
Lead	97	67	29.5	21

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C011-SS-[R37C64]-D1-000	01-C011-SS-[R37C65]-D1-000	01-C011-SS-[R38C62]-D1-000	01-C011-SS-[R38C63]-D1-000
Date Sampled	2/22/01	2/22/01	2/22/01	2/22/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	21	52	28	31
Lead	28	21	18	29

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C011-SS-[R38C64]-D1-000	01-C011-SS-[R38C65]-D1-000	01-C011-SS-[R39C62]-D1-000	01-C011-SS-[R39C63]-D1-000
Date Sampled	2/22/01	2/22/01	2/22/01	2/22/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	32	49	120	43
Lead	37	63	130	29

Table B.17-1
Candidate Area Characterization Sample Soil Metals Results

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C011-SS-[R39C64]-D1-000	01-C011-SS-[R39C65]-D1-000	01-C011-SS-[R40C63]-D1-000	01-C011-SS-[R40C64]-D1-000
Date Sampled	2/22/01	2/20/01	2/22/01	2/22/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	35	2 U	39	35
Lead	16	5.1	33	36

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C011-SS-[R40C65]-D1-000	01-C011-SS-[R40C66]-D1-000	01-C011-SS-[R41C63]-D1-000	01-C011-SS-[R41C64]-D1-000
Date Sampled	2/20/01	2/20/01	2/22/01	2/22/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	17	18	23	33
Lead	52	44	35	9.9

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C011-SS-[R41C65]-D1-000	01-C011-SS-[R41C66]-D1-000	01-C011-SS-[R42C64]-D1-000-DAVG	01-C011-SS-[R42C65]-D1-000
Date Sampled	2/20/01	2/20/01	2/22/01	2/20/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	18	13	8.85	25
Lead	33	22	10.95	110

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C011-SS-[R42C66]-D1-000	01-C011-SS-[R43C64]-D1-000	01-C011-SS-[R43C65]-D1-000	01-C011-SS-[R43C66]-D1-000
Date Sampled	2/20/01	2/22/01	2/20/01	2/20/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	19	15	47	15
Lead	51	27	160	27

Table B.17-1
Candidate Area Characterization Sample Soil Metals Results

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C011-SS-[R43C67]-D1-000	01-C011-SS-[R44C65]-D1-000	01-C011-SS-[R44C66]-D1-000	01-C011-SS-[R44C67]-D1-000
Date Sampled	2/15/01	2/20/01	2/20/01	2/15/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	18	26	33	30
Lead	59	54	65	60

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C011-SS-[R44C68]-D1-000	01-C011-SS-[R45C65]-D1-000	01-C011-SS-[R45C66]-D1-000	01-C011-SS-[R45C67]-D1-000
Date Sampled	2/15/01	2/20/01	2/15/01	2/15/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	12	60	48	30
Lead	35	22	140	26

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C011-SS-[R45C68]-D1-000	01-C011-SS-[R45C69]-D1-000	01-C011-SS-[R45C70]-D1-000	01-C011-SS-[R46C66]-D1-000
Date Sampled	2/15/01	2/15/01	2/15/01	2/15/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	68	54	18	110
Lead	270	120	20	83

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C011-SS-[R46C67]-D1-000	01-C011-SS-[R46C68]-D1-000	01-C011-SS-[R46C69]-D1-000	01-C011-SS-[R46C70]-D1-000
Date Sampled	2/15/01	2/15/01	2/15/01	2/15/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	49	50	67	16
Lead	97	89	450	15

Table B.17-1
Candidate Area Characterization Sample Soil Metals Results

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C011-SS-[R46C71]-D1-000	01-C011-SS-[R47C66]-D1-000-DAVG	01-C011-SS-[R47C67]-D1-000	01-C011-SS-[R47C68]-D1-000
Date Sampled	2/15/01	2/15/01	2/15/01	2/15/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	18	63.5	83	56
Lead	26	88.5	69	320

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C011-SS-[R47C69]-D1-000	01-C011-SS-[R47C70]-D1-000	01-C011-SS-[R47C71]-D1-000	01-C011-SS-[R48C66]-D1-000
Date Sampled	2/15/01	2/15/01	2/15/01	2/15/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	62	4.5	89	46
Lead	86	14	24	35

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C011-SS-[R48C69]-D1-000	01-C011-SS-[R48C70]-D1-000	01-C012-SS-[R61C68]-D1-000-DAVG	01-C012-SS-[R61C69]-D1-000
Date Sampled	2/15/01	2/15/01	2/5/01	2/5/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	3.3	39	45	49
Lead	4.7	68	115	81

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C012-SS-[R61C70]-D1-000	01-C012-SS-[R61C71]-D1-000	01-C012-SS-[R61C72]-D1-000	01-C012-SS-[R61C73]-D1-000
Date Sampled	2/5/01	2/5/01	2/5/01	2/5/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	79	31	80	60
Lead	110	32	190	130

Table B.17-1
Candidate Area Characterization Sample Soil Metals Results

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C012-SS-[R61C[illegible]]-D1-000	01-C012-SS-[R62C67]-D1-000	01-C012-SS-[R62C68]-D1-000	01-C012-SS-[R62C69]-D1-000
Date Sampled	2/5/01	2/5/01	2/5/01	2/5/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	33	110	39	20
Lead	37	130	200	22

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C012-SS-[R62C70]-D1-000	01-C012-SS-[R62C71]-D1-000	01-C012-SS-[R62C72]-D1-000	01-C012-SS-[R62C73]-D1-000
Date Sampled	2/5/01	2/5/01	2/5/01	2/5/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	38	38	65	32
Lead	110	53	86	32

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C012-SS-[R62C74]-D1-000	01-C012-SS-[R63C67]-D1-000	01-C012-SS-[R63C68]-D1-000	01-C012-SS-[R63C69]-D1-000
Date Sampled	2/5/01	2/5/01	2/5/01	2/5/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	110	54	76	47
Lead	98	39	140	88

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C012-SS-[R63C70]-D1-000	01-C012-SS-[R63C71]-D1-000	01-C012-SS-[R63C72]-D1-000	01-C012-SS-[R63C73]-D1-000
Date Sampled	2/5/01	2/5/01	2/5/01	2/6/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	91	20	25	76
Lead	170	17	22	46

Table B.17-1
Candidate Area Characterization Sample Soil Metals Results

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C012-SS-[R63C74]-D1-000-DAVG	01-C012-SS-[R64C67]-D1-000	01-C012-SS-[R64C68]-D1-000	01-C012-SS-[R64C69]-D1-000
Date Sampled	2/2/01	2/5/01	2/5/01	2/5/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	60	19	13	16
Lead	70.5	31	22	28

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C012-SS-[R64C70]-D1-000	01-C012-SS-[R64C71]-D1-000	01-C012-SS-[R64C72]-D1-000	01-C012-SS-[R64C73]-D1-000
Date Sampled	2/5/01	2/5/01	2/5/01	2/2/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	18	54	16	48
Lead	21	110	13	57

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C012-SS-[R64C74]-D1-000	01-C012-SS-[R65C67]-D1-000	01-C012-SS-[R65C68]-D1-000	01-C012-SS-[R65C69]-D1-000
Date Sampled	2/2/01	2/5/01	2/5/01	2/5/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	28	17	51	87
Lead	28	29	39	110

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C012-SS-[R65C70]-D1-000	01-C012-SS-[R65C71]-D1-000	01-C012-SS-[R65C72]-D1-000	01-C012-SS-[R65C73]-D1-000
Date Sampled	2/5/01	2/5/01	2/5/01	2/2/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	49	36	34	46
Lead	57	42	52	65

Table B.17-1
Candidate Area Characterization Sample Soil Metals Results

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C012-SS-[R65C74]-D1-000	01-C012-SS-[R66C67]-D1-000	01-C012-SS-[R66C68]-D1-000	01-C012-SS-[R66C69]-D1-000
Date Sampled	2/2/01	1/30/01	1/30/01	1/30/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	17	30 J	44 J	60 J
Lead	25	38 J	63 J	110 J

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C012-SS-[R66C70]-D1-000	01-C012-SS-[R66C71]-D1-000	01-C012-SS-[R66C72]-D1-000	01-C012-SS-[R66C73]-D1-000
Date Sampled	2/5/01	2/5/01	2/5/01	2/2/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	26	39	45	69
Lead	35	70	140	80

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C012-SS-[R66C74]-D1-000	01-C012-SS-[R67C67]-D1-000	01-C012-SS-[R67C68]-D1-000	01-C012-SS-[R67C69]-D1-000
Date Sampled	2/2/01	1/30/01	1/30/01	1/30/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	24	61 J	130 J	23 J
Lead	41	93 J	70 J	46 J

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C012-SS-[R67C70]-D1-000	01-C012-SS-[R67C71]-D1-000	01-C012-SS-[R67C72]-D1-000	01-C012-SS-[R67C73]-D1-000
Date Sampled	2/5/01	2/5/01	2/5/01	2/2/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	27	34	7.6	47
Lead	28	58	10	29

Table B.17-1
Candidate Area Characterization Sample Soil Metals Results

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C012-SS-[R67C74]-D1-000	01-C012-SS-[R68C67]-D1-000	01-C012-SS-[R68C68]-D1-000	01-C012-SS-[R68C69]-D1-000
Date Sampled	2/2/01	1/30/01	2/5/01	2/5/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	15	28 J	46	50
Lead	20	62 J	57	75

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C012-SS-[R68C70]-D1-000	01-C012-SS-[R68C71]-D1-000	01-C012-SS-[R68C72]-D1-000	01-C012-SS-[R68C73]-D1-000
Date Sampled	1/30/01	2/5/01	2/5/01	2/2/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	28 J	50	25	69
Lead	61 J	180	51	120

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C012-SS-[R68C74]-D1-000	01-C012-SS-[R69C67]-D1-000	01-C012-SS-[R69C68]-D1-000	01-C012-SS-[R69C69]-D1-000
Date Sampled	2/2/01	1/30/01	2/5/01	2/5/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	47	35 J	23	53
Lead	110	52 J	39	120

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C012-SS-[R69C70]-D1-000	01-C012-SS-[R69C71]-D1-000	01-C012-SS-[R69C72]-D1-000-DAVG	01-C012-SS-[R69C73]-D1-000
Date Sampled	1/30/01	2/5/01	2/5/01	2/2/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	15 J	8.8	59	20
Lead	20 J	9.2	67	20

Table B.17-1
Candidate Area Characterization Sample Soil Metals Results

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C012-SS-[R69C74]-D1-000	01-C012-SS-[R70C67]-D1-000	01-C012-SS-[R70C68]-D1-000	01-C012-SS-[R70C69]-D1-000
Date Sampled	2/2/01	1/30/01	2/5/01	2/5/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	27	66 J	58	74
Lead	23	120 J	51	150

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C012-SS-[R70C70]-D1-000	01-C012-SS-[R70C71]-D1-000	01-C012-SS-[R70C72]-D1-000	01-C012-SS-[R70C73]-D1-000
Date Sampled	2/5/01	1/30/01	2/2/01	2/2/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	13	50 J	24	68
Lead	15	77 J	55	54

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C012-SS-[R70C74]-D1-000	01-C012-SS-[R71C67]-D1-000	01-C012-SS-[R71C68]-D1-000	01-C012-SS-[R71C69]-D1-000
Date Sampled	2/2/01	1/30/01	2/5/01	2/5/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	44	20 J	74	14
Lead	42	39 J	77	20

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C012-SS-[R71C70]-D1-000	01-C012-SS-[R71C71]-D1-000	01-C012-SS-[R71C72]-D1-000	01-C012-SS-[R71C73]-D1-000
Date Sampled	2/5/01	2/5/01	2/2/01	2/2/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	23	57	41	44
Lead	26	82	66	81

Table B.17-1
Candidate Area Characterization Sample Soil Metals Results

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C012-SS-[R71C74]-D1-000	01-C012-SS-[R72C67]-D1-000	01-C012-SS-[R72C68]-D1-000	01-C012-SS-[R72C69]-D1-000
Date Sampled	2/2/01	1/30/01	2/5/01	1/30/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	43	17 J	22	35
Lead	90	19 J	28	40

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C012-SS-[R72C70]-D1-000	01-C012-SS-[R72C71]-D1-000-DAVG	01-C012-SS-[R72C72]-D1-000	01-C012-SS-[R72C73]-D1-000
Date Sampled	2/5/01	1/30/01	1/30/01	1/30/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	54	56.5	120	40
Lead	83	130	170	45

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C012-SS-[R72C74]-D1-000-DAVG	01-C012-SS-[R73C67]-D1-000	01-C012-SS-[R73C68]-D1-000	01-C012-SS-[R73C69]-D1-000
Date Sampled	1/30/01	1/30/01	1/30/01	1/30/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	45	31	55	69
Lead	62.5	80	39	120

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C012-SS-[R73C70]-D1-000	01-C012-SS-[R73C71]-D1-000	01-C012-SS-[R73C72]-D1-000	01-C012-SS-[R73C73]-D1-000
Date Sampled	1/30/01	1/30/01	1/30/01	1/30/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	71	130	33	8.1
Lead	66	83	50	11

Table B.17-1
Candidate Area Characterization Sample Soil Metals Results

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C012-SS-[R73C74]-D1-000	01-C012-SS-[R74C67]-D1-000-DAVG	01-C012-SS-[R74C68]-D1-000	01-C012-SS-[R74C69]-D1-000-DAVG
Date Sampled	1/30/01	1/30/01	1/30/01	1/30/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	30	33.5	15	54.5
Lead	53	88	28 J	125

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C012-SS-[R74C70]-D1-000	01-C012-SS-[R74C71]-D1-000	01-C012-SS-[R74C72]-D1-000	01-C012-SS-[R74C73]-D1-000
Date Sampled	1/30/01	1/30/01	1/30/01	1/30/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	35	26	69	59
Lead	59	33	220	84

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C012-SS-[R74C74]-D1-000	01-C012-SS-[R75C67]-D1-000	01-C012-SS-[R75C68]-D1-000	01-C012-SS-[R75C69]-D1-000
Date Sampled	1/30/01	1/30/01	1/30/01	1/30/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	35	41	23	57
Lead	55	46 J	46 J	110 J

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C012-SS-[R75C70]-D1-000	01-C012-SS-[R75C71]-D1-000	01-C012-SS-[R75C72]-D1-000	01-C012-SS-[R75C73]-D1-000
Date Sampled	1/30/01	1/30/01	1/30/01	1/30/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	32	45	16	20
Lead	43 J	91	28	27

Table B.17-1
Candidate Area Characterization Sample Soil Metals Results

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C012-SS-[R75C74]-D1-000	01-C012-SS-[R76C67]-D1-000	01-C012-SS-[R76C68]-D1-000	01-C012-SS-[R76C69]-D1-000
Date Sampled	1/30/01	1/30/01	1/30/01	1/30/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	31	38	48	43
Lead	46	53 J	51	57 J

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C012-SS-[R76C70]-D1-000	01-C012-SS-[R76C71]-D1-000	01-C012-SS-[R76C72]-D1-000	01-C012-SS-[R76C73]-D1-000
Date Sampled	1/30/01	1/30/01	1/30/01	1/30/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	43	38	30	87
Lead	84	55	82	91

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C012-SS-[R76C74]-D1-000	01-C012-SS-[R77C67]-D1-000	01-C012-SS-[R77C68]-D1-000	01-C012-SS-[R77C69]-D1-000
Date Sampled	1/30/01	1/30/01	1/30/01	1/30/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	29	37	39	77
Lead	56	40 J	77 J	69 J

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C012-SS-[R77C70]-D1-000	01-C012-SS-[R77C71]-D1-000	01-C012-SS-[R77C72]-D1-000	01-C012-SS-[R77C73]-D1-000-DAVG
Date Sampled	1/30/01	1/30/01	1/30/01	1/30/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	50	45	30	28
Lead	48 J	41	55	30

Table B.17-1
Candidate Area Characterization Sample Soil Metals Results

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C012-SS-[R77C74]-D1-000	01-C012-SS-[R78C67]-D1-000	01-C012-SS-[R78C68]-D1-000	01-C012-SS-[R78C69]-D1-000
Date Sampled	1/30/01	1/30/01	1/30/01	1/30/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	37	84	30	21
Lead	67	110 J	24 J	24 J

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C012-SS-[R78C70]-D1-000	01-C012-SS-[R78C71]-D1-000	01-C012-SS-[R78C72]-D1-000	01-C012-SS-[R78C73]-D1-000
Date Sampled	1/30/01	1/30/01	1/30/01	1/30/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	42	12	110	33 J
Lead	51 J	16	150	31 J

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C012-SS-[R78C74]-D1-000	01-C012-SS-[R79C67]-D1-000	01-C012-SS-[R79C68]-D1-000	01-C012-SS-[R79C69]-D1-000
Date Sampled	1/30/01	1/30/01	1/29/01	1/29/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	250	42	44	79
Lead	46	50 J	410	71

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C012-SS-[R79C70]-D1-000	01-C012-SS-[R79C71]-D1-000	01-C012-SS-[R79C72]-D1-000	01-C012-SS-[R79C73]-D1-000
Date Sampled	1/29/01	1/29/01	1/29/01	1/30/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	36	33	41	370
Lead	67	65	55	59

Table B.17-1
Candidate Area Characterization Sample Soil Metals Results

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C012-SS-[R79C74]-D1-000-DAVG	01-C012-SS-[R80C67]-D1-000	01-C012-SS-[R80C68]-D1-000	01-C012-SS-[R80C69]-D1-000
Date Sampled	1/30/01	1/29/01	1/29/01	1/29/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	255	30	15	97
Lead	46.5	30	29	210

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C012-SS-[R80C70]-D1-000	01-C012-SS-[R80C71]-D1-000	01-C012-SS-[R80C72]-D1-000	01-C012-SS-[R80C73]-D1-000
Date Sampled	1/29/01	1/29/01	1/29/01	1/30/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	87	58	80	180
Lead	180	110	120	42

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C012-SS-[R81C67]-D1-000	01-C012-SS-[R81C68]-D1-000	01-C012-SS-[R81C69]-D1-000	01-C012-SS-[R81C70]-D1-000
Date Sampled	1/29/01	1/29/01	1/29/01	1/29/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	19	63	97	34
Lead	88	48	100	42

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C012-SS-[R81C71]-D1-000	01-C012-SS-[R81C72]-D1-000	01-C012-SS-[R82C67]-D1-000	01-C012-SS-[R82C68]-D1-000
Date Sampled	1/29/01	1/29/01	1/29/01	1/30/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	48	120	57	37
Lead	27	230	72	58

Table B.17-1
Candidate Area Characterization Sample Soil Metals Results

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C012-SS-[R82C69]-D1-000	01-C012-SS-[R82C70]-D1-000	01-C012-SS-[R83C67]-D1-000	01-C012-SS-[R83C68]-D1-000
Date Sampled	1/29/01	1/29/01	1/29/01	1/30/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	55	48	6.5	48
Lead	270	88	13	52

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C012-SS-[R83C69]-D1-000	01-C012-SS-[R84C67]-D1-000	01-C013-SS-[R61C75]-D1-000	01-C013-SS-[R61C76]-D1-000
Date Sampled	1/29/01	1/29/01	2/7/01	2/7/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	31	75	11	19
Lead	26	130	20	24

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C013-SS-[R61C77]-D1-000	01-C013-SS-[R61C79]-D1-000	01-C013-SS-[R61C80]-D1-000	01-C013-SS-[R61C81]-D1-000
Date Sampled	2/8/01	2/12/01	2/12/01	2/12/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	25	28	10	23
Lead	28	34	17	38

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C013-SS-[R61C82]-D1-000	01-C013-SS-[R62C75]-D1-000	01-C013-SS-[R62C76]-D1-000-DAVG	01-C013-SS-[R62C77]-D1-000
Date Sampled	2/12/01	2/7/01	2/7/01	2/8/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	25	74	24.5	32
Lead	30	150	76	21

Table B.17-1
Candidate Area Characterization Sample Soil Metals Results

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C013-SS-[R62C78]-D1-000	01-C013-SS-[R62C79]-D1-000	01-C013-SS-[R62C81]-D1-000	01-C013-SS-[R62C82]-D1-000
Date Sampled	2/8/01	2/8/01	2/12/01	2/12/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	64	26	47	4.9
Lead	98	36	53	12

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C013-SS-[R62C83]-D1-000	01-C013-SS-[R62C84]-D1-000	01-C013-SS-[R63C75]-D1-000	01-C013-SS-[R63C76]-D1-000
Date Sampled	2/12/01	2/15/01	2/7/01	2/7/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	43	20	33	63
Lead	52	16	46	120

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C013-SS-[R63C77]-D1-000	01-C013-SS-[R63C78]-D1-000	01-C013-SS-[R63C79]-D1-000	01-C013-SS-[R63C80]-D1-000
Date Sampled	2/8/01	2/8/01	2/8/01	2/12/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	46	18	28	21
Lead	80	18	28	20

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C013-SS-[R63C81]-D1-000	01-C013-SS-[R63C83]-D1-000	01-C013-SS-[R63C84]-D1-000	01-C013-SS-[R63C85]-D1-000
Date Sampled	2/12/01	2/12/01	2/15/01	2/15/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	66	57	29	44
Lead	86	100	53	62

Table B.17-1
Candidate Area Characterization Sample Soil Metals Results

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C013-SS-[R63C86]-D1-000-DAVG	01-C013-SS-[R64C75]-D1-000	01-C013-SS-[R64C76]-D1-000	01-C013-SS-[R64C77]-D1-000
Date Sampled	2/15/01	2/7/01	2/7/01	2/8/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	24	19	16	35
Lead	48	22	31	81

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C013-SS-[R64C78]-D1-000	01-C013-SS-[R64C79]-D1-000	01-C013-SS-[R64C80]-D1-000	01-C013-SS-[R64C81]-D1-000
Date Sampled	2/8/01	2/8/01	2/12/01	2/12/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	25	44	33	9.9
Lead	40	59	42	24

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C013-SS-[R64C82]-D1-000	01-C013-SS-[R64C83]-D1-000	01-C013-SS-[R64C84]-D1-000	01-C013-SS-[R64C86]-D1-000
Date Sampled	2/12/01	2/12/01	2/15/01	2/15/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	35	5.7	15	15
Lead	62	11	43	33

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C013-SS-[R64C87]-D1-000-DAVG	01-C013-SS-[R64C88]-D1-000	01-C013-SS-[R65C75]-D1-000	01-C013-SS-[R65C76]-D1-000
Date Sampled	2/15/01	2/15/01	2/7/01	2/7/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	11.45	33	62	30
Lead	19.5	59	110	67

Table B.17-1
Candidate Area Characterization Sample Soil Metals Results

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C013-SS-[R65C77]-D1-000	01-C013-SS-[R65C78]-D1-000	01-C013-SS-[R65C79]-D1-000	01-C013-SS-[R65C80]-D1-000
Date Sampled	2/8/01	2/8/01	2/8/01	2/12/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	6.5	5.1	24	12
Lead	7.6	9.8	26	14

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C013-SS-[R65C81]-D1-000-DAVG	01-C013-SS-[R65C82]-D1-000	01-C013-SS-[R65C83]-D1-000	01-C013-SS-[R65C84]-D1-000
Date Sampled	2/12/01	2/12/01	2/12/01	2/15/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	7	30	15	22
Lead	14.5	53	29	38

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C013-SS-[R65C85]-D1-000	01-C013-SS-[R65C86]-D1-000	01-C013-SS-[R65C88]-D1-000	01-C013-SS-[R65C89]-D1-000-DAVG
Date Sampled	2/15/01	2/15/01	2/15/01	4/3/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	7.7	25	24	21
Lead	15	55	55	38.5

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C013-SS-[R66C75]-D1-000	01-C013-SS-[R66C76]-D1-000	01-C013-SS-[R66C77]-D1-000	01-C013-SS-[R66C78]-D1-000
Date Sampled	2/7/01	2/7/01	2/8/01	2/8/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	9.1	28	42	14
Lead	14	43	59	29

Table B.17-1
Candidate Area Characterization Sample Soil Metals Results

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C013-SS-[R66C79]-D1-000	01-C013-SS-[R66C80]-D1-000	01-C013-SS-[R66C81]-D1-000	01-C013-SS-[R66C82]-D1-000
Date Sampled	2/8/01	2/12/01	2/12/01	2/12/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	12	8.8	12	18
Lead	23	9.8	14	40

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C013-SS-[R66C83]-D1-000	01-C013-SS-[R66C84]-D1-000	01-C013-SS-[R66C85]-D1-000	01-C013-SS-[R66C86]-D1-000
Date Sampled	2/12/01	2/15/01	2/15/01	2/15/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	26	20	18	46
Lead	17	43	38	84

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C013-SS-[R66C87]-D1-000	01-C013-SS-[R66C88]-D1-000	01-C013-SS-[R66C89]-D1-000-DAVG	01-C013-SS-[R67C75]-D1-000
Date Sampled	2/15/01	2/15/01	4/3/01	2/7/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	15	160	12	55
Lead	38	13	27	84

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C013-SS-[R67C76]-D1-000	01-C013-SS-[R67C77]-D1-000	01-C013-SS-[R67C78]-D1-000	01-C013-SS-[R67C79]-D1-000
Date Sampled	2/8/01	2/8/01	2/8/01	2/8/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	35	61	17	17
Lead	59	190	36	29

Table B.17-1
Candidate Area Characterization Sample Soil Metals Results

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C013-SS-[R67C80]-D1-000	01-C013-SS-[R67C81]-D1-000	01-C013-SS-[R67C82]-D1-000	01-C013-SS-[R67C83]-D1-000
Date Sampled	2/12/01	2/12/01	2/12/01	2/12/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	6.9	18	18	9.1
Lead	14	39	30	25

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C013-SS-[R67C84]-D1-000	01-C013-SS-[R67C85]-D1-000	01-C013-SS-[R67C86]-D1-000	01-C013-SS-[R67C87]-D1-000
Date Sampled	2/15/01	2/15/01	2/15/01	2/15/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	11	15	20	53
Lead	28	31	15	71

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C013-SS-[R67C88]-D1-000	01-C013-SS-[R68C75]-D1-000	01-C013-SS-[R68C76]-D1-000	01-C013-SS-[R68C77]-D1-000
Date Sampled	2/15/01	2/7/01	2/8/01	2/8/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	2.4 U	54	35	77
Lead	7.8	80	28	97

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C013-SS-[R68C78]-D1-000	01-C013-SS-[R68C79]-D1-000	01-C013-SS-[R68C80]-D1-000	01-C013-SS-[R68C81]-D1-000
Date Sampled	2/8/01	2/8/01	2/12/01	2/12/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	25	49	11	7.4
Lead	42	88	28	21

Table B.17-1
Candidate Area Characterization Sample Soil Metals Results

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C013-SS-[R68C82]-D1-000	01-C013-SS-[R68C83]-D1-000	01-C013-SS-[R68C84]-D1-000	01-C013-SS-[R68C85]-D1-000
Date Sampled	2/12/01	2/12/01	2/12/01	2/15/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	53	37	11	28
Lead	120	80	25	37

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C013-SS-[R68C86]-D1-000	01-C013-SS-[R68C87]-D1-000	01-C013-SS-[R68C88]-D1-000-DAVG	01-C013-SS-[R69C75]-D1-000
Date Sampled	2/15/01	2/15/01	2/15/01	2/7/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	35	110	29	14
Lead	66	40	38	21

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C013-SS-[R69C76]-D1-000	01-C013-SS-[R69C77]-D1-000	01-C013-SS-[R69C78]-D1-000	01-C013-SS-[R69C79]-D1-000
Date Sampled	2/8/01	2/8/01	2/8/01	2/12/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	61	42	13	13
Lead	110	56	17	29

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C013-SS-[R69C80]-D1-000	01-C013-SS-[R69C81]-D1-000	01-C013-SS-[R69C82]-D1-000	01-C013-SS-[R69C83]-D1-000
Date Sampled	2/12/01	2/12/01	2/12/01	2/12/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	19	28	39	17
Lead	39	37	39	31

Table B.17-1
Candidate Area Characterization Sample Soil Metals Results

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C013-SS-[R69C84]-D1-000	01-C013-SS-[R69C85]-D1-000	01-C013-SS-[R69C86]-D1-000	01-C013-SS-[R69C87]-D1-000
Date Sampled	2/12/01	2/15/01	2/15/01	2/15/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	26	72	15	29
Lead	42	95	27	53

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C013-SS-[R70C75]-D1-000	01-C013-SS-[R70C76]-D1-000	01-C013-SS-[R70C77]-D1-000	01-C013-SS-[R70C78]-D1-000
Date Sampled	2/7/01	2/8/01	2/8/01	2/8/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	30	38	25	11
Lead	75	66	41	15

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C013-SS-[R70C79]-D1-000	01-C013-SS-[R70C80]-D1-000	01-C013-SS-[R70C81]-D1-000	01-C013-SS-[R70C82]-D1-000
Date Sampled	2/8/01	2/12/01	2/12/01	2/12/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	11	8.2	26	20
Lead	20	15	54	41

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C013-SS-[R70C83]-D1-000	01-C013-SS-[R70C84]-D1-000	01-C013-SS-[R70C85]-D1-000	01-C013-SS-[R70C86]-D1-000
Date Sampled	2/12/01	2/12/01	2/15/01	2/15/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	25	45	49	8.1
Lead	34	36	44	17

Table B.17-1
Candidate Area Characterization Sample Soil Metals Results

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C013-SS-[R71C75]-D1-000	01-C013-SS-[R71C76]-D1-000	01-C013-SS-[R71C77]-D1-000	01-C013-SS-[R71C78]-D1-000
Date Sampled	2/7/01	2/8/01	2/8/01	2/8/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	26	47	15	8.8
Lead	46	85	21	10

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C013-SS-[R71C79]-D1-000	01-C013-SS-[R71C80]-D1-000	01-C013-SS-[R71C81]-D1-000	01-C013-SS-[R71C82]-D1-000
Date Sampled	2/8/01	2/12/01	2/12/01	2/12/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	50	29	7.4	33
Lead	28	40	17	38

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C013-SS-[R71C83]-D1-000	01-C013-SS-[R71C84]-D1-000	01-C013-SS-[R72C75]-D1-000	01-C013-SS-[R72C76]-D1-000
Date Sampled	2/12/01	2/12/01	2/7/01	2/8/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	53	17	29	96
Lead	69	31	67	69

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C013-SS-[R72C77]-D1-000	01-C013-SS-[R72C78]-D1-000	01-C013-SS-[R72C79]-D1-000	01-C013-SS-[R72C80]-D1-000
Date Sampled	2/8/01	2/8/01	2/8/01	2/12/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	17	9.4	13	17
Lead	32	14	16	37

Table B.17-1
Candidate Area Characterization Sample Soil Metals Results

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C013-SS-[R72C81]-D1-000	01-C013-SS-[R72C82]-D1-000	01-C013-SS-[R72C83]-D1-000	01-C013-SS-[R72C84]-D1-000-DAVG
Date Sampled	2/12/01	2/12/01	2/12/01	2/12/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	7.7	12	19	4.3
Lead	16	19	31	9.4

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C013-SS-[R73C75]-D1-000	01-C013-SS-[R73C76]-D1-000	01-C013-SS-[R73C77]-D1-000	01-C013-SS-[R73C78]-D1-000
Date Sampled	2/7/01	2/7/01	2/8/01	2/8/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	17	25	29	22
Lead	22	39	51	13

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C013-SS-[R73C79]-D1-000	01-C013-SS-[R73C80]-D1-000	01-C013-SS-[R73C81]-D1-000	01-C013-SS-[R73C82]-D1-000
Date Sampled	2/8/01	2/12/01	2/12/01	2/12/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	25	31	27	56
Lead	33	35	38	39

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C013-SS-[R73C83]-D1-000-DAVG	01-C013-SS-[R74C75]-D1-000	01-C013-SS-[R74C76]-D1-000	01-C013-SS-[R74C77]-D1-000
Date Sampled	2/12/01	2/7/01	2/7/01	2/8/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	25	27	25	52
Lead	36.5	37	35	49

Table B.17-1
Candidate Area Characterization Sample Soil Metals Results

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C013-SS-[R74C78]-D1-000	01-C013-SS-[R74C79]-D1-000	01-C013-SS-[R74C80]-D1-000	01-C013-SS-[R74C81]-D1-000
Date Sampled	2/8/01	2/8/01	2/12/01	2/12/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	31	23	39	23
Lead	24	27	40	41

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C013-SS-[R75C75]-D1-000	01-C013-SS-[R75C76]-D1-000	01-C013-SS-[R75C77]-D1-000	01-C013-SS-[R75C78]-D1-000
Date Sampled	2/7/01	2/7/01	2/8/01	2/8/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	20	67	33	21
Lead	38	100	52	29

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C013-SS-[R75C79]-D1-000	01-C013-SS-[R75C80]-D1-000	01-C013-SS-[R76C75]-D1-000	01-C013-SS-[R76C76]-D1-000
Date Sampled	2/8/01	2/12/01	2/7/01	2/7/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	74	51	360	52
Lead	140	69	78	75

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C013-SS-[R76C77]-D1-000	01-C013-SS-[R76C78]-D1-000	01-C013-SS-[R77C75]-D1-000	01-C013-SS-[R77C76]-D1-000
Date Sampled	2/8/01	2/8/01	2/7/01	2/7/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	8.8	180	21	41
Lead	11	33	30	76

Table B.17-1
Candidate Area Characterization Sample Soil Metals Results

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	01-C013-SS-[R77C77]-D1-000	01-C013-SS-[R78C75]-D1-000	01-C013-SS-[R78C76]-D1-000	02-C013-SS[R71C85-02]C2-1.0
Date Sampled	2/8/01	2/7/01	2/7/01	7/31/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5 to
Total Metals (mg/kg dry)				
Arsenic	24	56	110	19
Lead	49	61	55	4

Area	AFAS	AFAS	AFAS	AFAS
Sample ID	02-C013-SS[R71C85-03]D1-000	02-C013-SS[R71C85-04]D1-000	02-C013-SS[R71C85-05]D1-000	02-C013-SS[R71C85-06]D1-000
Date Sampled	7/31/01	7/31/01	7/31/01	7/31/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)				
Arsenic	46	38	49	55
Lead	90	70	80	99

Table B.18-1
Parcel 1 North of Creek Soil Metals Results

Area	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC
Sample ID	31-VS-100	31-VS-101	31-VS-102	31-VS-103	31-VS-104	31-VS-107
Date Sampled	9/14/99	9/14/99	9/14/99	9/14/99	9/14/99	9/14/99
Depth	1 to 2.5	1 to 2.5	1 to 2.5	1 to 2.5	1 to 2.5	0 to 0.5
Total Metals (mg/kg dry)						
Arsenic	20	54	6.9	6.8	27	65
Lead	7.8	35	8.8	7.5	7.4	140

Area	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC
Sample ID	31-VS-110	31-VS-111	31-VS-217	31-VS-423	31-VS-425	31-VS-427
Date Sampled	9/14/99	9/14/99	10/19/99	1/25/00	1/25/00	1/25/00
Depth	1 to 2.5	1 to 2.5	1 to 2.5	2 to 4.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)						
Arsenic	8.6	16	3.7	8.2	9.6	9.5
Lead	22 J	39 J	6.2 U	5.1	28	6.3

Area	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC
Sample ID	31-VS-428	31-VS-429	31-VS-430	31-VS-431	31-VS-508	31-VS-525
Date Sampled	1/25/00	1/25/00	1/25/00	1/25/00	4/18/00	4/18/00
Depth	0 to 0.5	2 to 4.5	0 to 0.5	0 to 0.5	0 to 0.5	3 to 4.5
Total Metals (mg/kg dry)						
Arsenic	36	44	81	8	15	9
Lead	46	11	27	26	15	7.1

Table B.18-1
Parcel 1 North of Creek Soil Metals Results

Area	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC
Sample ID	31-VS-526-DAVG	31-VS-529	31-VS-532	31-VS-533	31-VS-534	31-VS-535
Date Sampled	4/18/00	4/18/00	4/18/00	4/18/00	4/18/00	4/18/00
Depth	3 to 4.5	0 to 0.5	1 to 2.5	0 to 0.5	2 to 4.5	2 to 4.5
Total Metals (mg/kg dry)						
Arsenic	15	18	96	38	3.6	5.2
Lead	7.35	320	71	53	3.6	2.9

Area	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC
Sample ID	31-VS-536	31-VS-539	31-VS-540-DAVG	31-VS-542	31-VS-543	31-VS-544
Date Sampled	4/18/00	4/18/00	4/18/00	4/19/00	4/19/00	4/19/00
Depth	0 to 0.5	2 to 4.5	3 to 4.5	3 to 4.5	2 to 4.5	2 to 4.5
Total Metals (mg/kg dry)						
Arsenic	19	6.5	3.1	4.4	8.3	49
Lead	140	2.7	2.15 U	6.3	6.7	41

Area	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC
Sample ID	31-VS-545	31-VS-546	31-VS-547	31-VS-548	31-VS-551	31-VS-552
Date Sampled	4/19/00	4/19/00	4/19/00	4/19/00	4/19/00	4/19/00
Depth	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5
Total Metals (mg/kg dry)						
Arsenic	39	100	16	47	6.1	5.2
Lead	45	150	23	110	4.9	4.6

Table B.18-1
Parcel 1 North of Creek Soil Metals Results

Area	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC
Sample ID	31-VS-553	31-VS-554	31-VS-555	31-VS-557-DAVG	31-VS-566	31-VS-567
Date Sampled	4/19/00	4/19/00	4/19/00	4/19/00	4/19/00	4/19/00
Depth	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)						
Arsenic	5.7	11	5.9	10.95	37	9.4
Lead	4.1	20	4.3	21.65	49	16

Area	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC
Sample ID	31-VS-573	31-VS-574	31-VS-575	31-VS-576	31-VS-577-DAVG	31-VS-579
Date Sampled	4/19/00	4/19/00	4/19/00	4/19/00	4/19/00	4/19/00
Depth	3 to 4.5	3 to 4.5	3 to 4.5	3 to 4.5	0 to 0.5	3 to 4.5
Total Metals (mg/kg dry)						
Arsenic	8.2	9.3	7.5	4.6	10.6	17
Lead	5.3	9	4.6	4.5	25.5	4.6

Area	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC
Sample ID	31-VS-580	31-VS-581	31-VS-582	31-VS-583	31-VS-591	31-VS-592
Date Sampled	4/19/00	4/19/00	4/19/00	4/19/00	5/9/00	5/9/00
Depth	0 to 0.5	0 to 0.5	0 to 0.5	2 to 4.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)						
Arsenic	68	62	59	9.8	75	19
Lead	70	42	46	3.6	570	97

Table B.18-1
Parcel 1 North of Creek Soil Metals Results

Area	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC
Sample ID	31-VS-595	31-VS-596	31-VS-597-DAVG	31-VS-600	31-VS-601	31-VS-607
Date Sampled	5/9/00	5/9/00	5/9/00	5/9/00	5/9/00	5/24/00
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)						
Arsenic	22	18	14	20	27	110
Lead	43	25	50.5	53	59	46

Area	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC
Sample ID	31-VS-611	31-VS-612	31-VS-613	31-VS-614	31-VS-615-DAVG	31-VS-616
Date Sampled	5/24/00	5/24/00	5/24/00	5/24/00	5/24/00	5/24/00
Depth	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5
Total Metals (mg/kg dry)						
Arsenic	33	9.9	26	17	10.5	11
Lead	11	23	13	7.8	13	20

Area	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC
Sample ID	31-VS-617	31-VS-618	31-VS-619-DAVG	31-VS-621	31-VS-622	31-VS-623
Date Sampled	5/24/00	5/24/00	5/24/00	5/24/00	5/24/00	5/24/00
Depth	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5
Total Metals (mg/kg dry)						
Arsenic	7.9	13	11	19	6.2	7.1
Lead	51	9.4	12	49	4.6	3.7

Table B.18-1
Parcel 1 North of Creek Soil Metals Results

Area	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC
Sample ID	31-VS-624-DAVG	31-VS-625	31-VS-630	31-VS-631	31-VS-634	31-VS-635
Date Sampled	5/24/00	5/24/00	6/29/00	6/29/00	6/29/00	6/29/00
Depth	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)						
Arsenic	7	7.1	7.1	11	110	6.8
Lead	5.65	8.3	6	12	16	7.1

Area	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC
Sample ID	31-VS-636	31-VS-637	31-VS-638	31-VS-639-DAVG	31-VS-640	31-VS-641
Date Sampled	6/29/00	6/29/00	6/29/00	6/29/00	6/29/00	6/29/00
Depth	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5
Total Metals (mg/kg dry)						
Arsenic	72	18	8.3	31 J	7.8	23
Lead	390	40	7.9	85.5 J	6.2	72

Area	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC
Sample ID	31-VS-642	31-VS-643	31-VS-644	31-VS-650	31-VS-651	31-VS-653
Date Sampled	6/29/00	6/29/00	6/29/00	6/29/00	6/29/00	6/29/00
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)						
Arsenic	58	98	37	63	75	20
Lead	380	160	95	47	27	23

Table B.18-1
Parcel 1 North of Creek Soil Metals Results

Area	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC
Sample ID	31-VS-654	31-VS-655	31-VS-656	31-VS-657	31-VS-658	31-VS-659-DAVG
Date Sampled	6/29/00	6/29/00	6/29/00	6/29/00	6/29/00	6/29/00
Depth	1.5 to 3.5	1.5 to 3.5	0 to 0.5	1.5 to 3.5	0 to 0.5	1.5 to 3.5
Total Metals (mg/kg dry)						
Arsenic	8.2	9.8	52	4.8	32	4.4
Lead	5.4	7.6	27	7.6	490	9.3

Area	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC
Sample ID	31-VS-660	31-VS-661	31-VS-662	31-VS-663	31-VS-665	31-VS-666
Date Sampled	6/29/00	6/29/00	6/29/00	6/29/00	6/29/00	6/29/00
Depth	1.5 to 3.5	1.5 to 3.5	0 to 0.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5
Total Metals (mg/kg dry)						
Arsenic	4	4.1	18	16	14	41
Lead	4.9	4.4	13	23	13	15

Area	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC
Sample ID	31-VS-668	31-VS-669-DAVG	31-VS-670	31-VS-671	31-VS-672	31-VS-674
Date Sampled	6/29/00	6/29/00	6/29/00	6/29/00	6/29/00	6/29/00
Depth	1.5 to 3.5	1.5 to 3.5	0 to 0.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5
Total Metals (mg/kg dry)						
Arsenic	44	8.45	16	6.8	3.8	37
Lead	22	5.5	7.1	4	4	5.2

Table B.18-1
Parcel 1 North of Creek Soil Metals Results

Area	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC
Sample ID	31-VS-675	31-VS-677	31-VS-678	31-VS-679-DAVG	31-VS-680	31-VS-681
Date Sampled	6/29/00	6/29/00	6/29/00	6/29/00	6/29/00	6/29/00
Depth	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	0 to 0.5	1.5 to 3.5	1.5 to 3.5
Total Metals (mg/kg dry)						
Arsenic	8.2	20	6.1	8	26	7
Lead	11	80	19	8.25	47	5.2

Area	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC
Sample ID	31-VS-682	31-VS-683	31-VS-684	31-VS-685	31-VS-700	31-VS-701
Date Sampled	6/29/00	6/29/00	6/29/00	6/29/00	7/19/00	7/19/00
Depth	0 to 0.5	1.5 to 3.5	0 to 0.5	1.5 to 3.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)						
Arsenic	71	11	49	49	14	46
Lead	23	11	38	26	15	52

Area	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC
Sample ID	31-VS-702	31-VS-703	31-VS-704	31-VS-705	31-VS-706	31-VS-707
Date Sampled	7/19/00	7/19/00	7/19/00	7/19/00	7/19/00	7/19/00
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)						
Arsenic	34	11	8.8	9.3	5.9	22
Lead	27	14	4.6	160	31	95

Table B.18-1
Parcel 1 North of Creek Soil Metals Results

Area	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC
Sample ID	31-VS-708	31-VS-709	31-VS-710	31-VS-711	31-VS-712	31-VS-714
Date Sampled	7/19/00	7/19/00	7/19/00	7/19/00	7/19/00	7/24/00
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	1.5 to 3.5
Total Metals (mg/kg dry)						
Arsenic	26	6.1	15	2 U	3.4	3.1
Lead	830	180	36	7.2	6.7	3.5

Area	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC
Sample ID	31-VS-715	31-VS-716	31-VS-717	31-VS-718	31-VS-719	31-VS-720
Date Sampled	7/24/00	7/24/00	7/24/00	7/24/00	7/24/00	7/24/00
Depth	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5
Total Metals (mg/kg dry)						
Arsenic	14	4.1	5.5	2.9	5.7	8
Lead	10	3.5	4.7	2.9	7.6	6.4

Area	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC
Sample ID	31-VS-721	31-VS-722	31-VS-723	31-VS-725-DAVG	31-VS-726-DAVG	31-VS-88
Date Sampled	7/24/00	7/24/00	7/24/00	7/24/00	7/24/00	9/14/99
Depth	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	0 to 0.5
Total Metals (mg/kg dry)						
Arsenic	17	8.5	15	4	13	81
Lead	93	9.2	90	2.45	23	98

Table B.18-1
Parcel 1 North of Creek Soil Metals Results

Area	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC
Sample ID	31-VS-90	31-VS-91	31-VS-92	31-VS-93	31-VS-94	31-VS-94A
Date Sampled	9/14/99	9/14/99	9/14/99	9/14/99	9/14/99	9/30/99
Depth	1 to 2.5	1 to 2.5	1 to 2.5	1 to 2.5	0 to 0.5	1 to 2.5
Total Metals (mg/kg dry)						
Arsenic	5.5	7.6	47	21	59	8.4
Lead	3.5	5.1	13	9.3	56	13

Area	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC	PARC_1_NOC
Sample ID	31-VS-95	31-VS-96	31-VS-96A	31-VS-98	31-VS-99	31-VS-99A
Date Sampled	9/14/99	9/14/99	9/30/99	9/14/99	9/14/99	9/30/99
Depth	0 to 0.5	0 to 0.5	1 to 2.5	0 to 0.5	0 to 0.5	1 to 2.5
Total Metals (mg/kg dry)						
Arsenic	30	89	39	51	47	25
Lead	66	150	12	10	50	12

Table B.19-1
Miscellaneous Sample Soil Metals Results

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-C004-SS[38-VS-150]C2-2.00	01-C004-SS[38-VS-151]C2-2.00	01-C004-SS[38-VS-153]C2-2.00	01-F01-SS[F-50]C2-005	01-F01-SS[F-51]C2-005
Date Sampled	8/1/01	8/1/01	8/1/01	6/14/01	6/14/01
Depth	2 to 2.5	0 to 0.5	0 to 0.5	2 to 2.5	2 to 2.5
Total Metals (mg/kg dry)					
Arsenic	11	23	8.1	3	6.3
Lead	26	31	13	2.4	9.3

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-F01-SS[F-52]C2-005	01-F01-SS[F-53]C2-005	01-F01-SS[F-54]C2-005	01-F01-SS[F-55]C2-005	01-F01-SS[F-56]C2-005
Date Sampled	6/14/01	6/14/01	6/14/01	6/14/01	6/14/01
Depth	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
Total Metals (mg/kg dry)					
Arsenic	9.8	7.4	3.6	4.2	6.5
Lead	23	26	4.9	4.7	29

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-F01-SS[F-57]C2-005	01-F01-SS[F-58]C2-005	01-F01-SS[F-59]C2-005	01-F01-SS[F-60]C2-005	01-F01-SS[F-61]C2-005
Date Sampled	6/14/01	6/14/01	6/14/01	6/14/01	6/14/01
Depth	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
Total Metals (mg/kg dry)					
Arsenic	6.8	2.6	5.3	4.4	3.9
Lead	6.2	2.7	2.4 U	2.2 U	2.3 U

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-F01-SS[F-62]C2-005	01-F06-SS[F-25]C2-005	01-F06-SS[F-26]C2-005	01-F06-SS[F-27]C2-005	01-F06-SS[F-28]C2-005
Date Sampled	6/14/01	6/7/01	6/7/01	6/7/01	6/7/01
Depth	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
Total Metals (mg/kg dry)					
Arsenic	3.8	2.5	3.8	4.1	2.4
Lead	2.4	2.3	8.2	3	24

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-F07-SS[F-20]C2-005	01-F07-SS[F-21]C2-005	01-F07-SS[F-22]C2-005	01-F07-SS[F-23]C2-005	01-F07-SS[F-24]C2-005
Date Sampled	6/7/01	6/7/01	6/7/01	6/7/01	6/7/01
Depth	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
Total Metals (mg/kg dry)					
Arsenic	2.8	2.7	2.5	2 U	3.4
Lead	2.3	2.5	2.3	2.1	2.3

Table B.19-1
Miscellaneous Sample Soil Metals Results

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-F08-SS[F-06] C2-005	01-F08-SS[F-11] C2-005	01-F08-SS[F-12] C2-005	01-F08-SS[F-13] C2-005	01-F08-SS[F-17] C2-005-DAVG
Date Sampled	6/6/01	6/6/01	6/6/01	6/6/01	6/6/01
Depth	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
Total Metals (mg/kg dry)					
Arsenic	2.6	3.8	2.6	4.6	3.1
Lead	3.9	2.4	4.5	14	2.6

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-F09-SS[F-260]C2-005-DAVG	01-F09-SS[F-262]C2-005	01-F09-SS[F-263]C2-005	01-F09-SS[F-264]C2-005	01-F09-SS[F-265]C2-005
Date Sampled	8/22/01	8/22/01	8/22/01	8/22/01	8/22/01
Depth	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
Total Metals (mg/kg dry)					
Arsenic	4.55	3.7	5.9	4	4
Lead	4.35	4.4	7.7	3.6	17

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-F09-SS[F-266]C2-005	01-F12-SS[F-127]C2-005	01-F15-SS[F-134]C2-005	01-F15-SS[F-135]C2-005	01-F18-FD-[F-328]-C2-030-DAVG
Date Sampled	8/22/01	6/21/01	6/26/01	6/26/01	9/19/01
Depth	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
Total Metals (mg/kg dry)					
Arsenic	6	4.4	2.5	1.9 U	4
Lead	5.7	3.9	27	4.7	3.25

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-F18-SS-[F-308]-C2-020	01-F18-SS-[F-309]-C2-020	01-F18-SS-[F-310]-C2-020	01-F18-SS-[F-311]-C2-020	01-F18-SS-[F-312]-C2-020
Date Sampled	9/12/01	9/12/01	9/12/01	9/12/01	9/12/01
Depth	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
Total Metals (mg/kg dry)					
Arsenic	4.8	5.3	5.6	4.7	15
Lead	4.6	3.9	4.3	4.9	2

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-F18-SS-[F-313]-C2-020	01-F18-SS-[F-314]-C2-020	01-F18-SS-[F-315]-C2-020	01-F18-SS-[F-316]-C2-020	01-F18-SS-[F-317]-C2-020
Date Sampled	9/12/01	9/12/01	9/12/01	9/12/01	9/12/01
Depth	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
Total Metals (mg/kg dry)					
Arsenic	4	3.5	5.1	7.5	5.7
Lead	3.5	2.7	4.7	31	17

Table B.19-1
Miscellaneous Sample Soil Metals Results

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-F18-SS-[F-318]-C2-020	01-F18-SS-[F-320]-C2-020	01-F18-SS-[F-321]-C2-020	01-F18-SS-[F-322]-C2-020	01-F18-SS-[F-323]-C2-020
Date Sampled	9/12/01	9/12/01	9/12/01	9/12/01	9/12/01
Depth	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
Total Metals (mg/kg dry)					
Arsenic	4.8	4.7	5.4	53	5.1
Lead	13	32	29	7.1	92

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-F18-SS-[F-325]C2-015	01-F19-SS[F-136]C2-005	01-F19-SS[F-137]C2-005	01-F20-SS[F-138]C2-005	01-F20-SS[F-139]C2-005
Date Sampled	9/17/01	6/26/01	6/26/01	6/27/01	6/27/01
Depth	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
Total Metals (mg/kg dry)					
Arsenic	4.8	3.3	2	5.2	3.6
Lead	2.8	6.1	39	9.3	2.2 U

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-F20-SS[F-140]C2-005	01-F20-SS[F-141]C2-005	01-F20-SS[F-142]C2-005	01-F20-SS[F-143]C2-005	01-F20-SS[F-283]-C2-005
Date Sampled	6/27/01	6/27/01	6/27/01	6/27/01	9/4/01
Depth	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
Total Metals (mg/kg dry)					
Arsenic	3.5	4.7	3.9	6.6	4.1
Lead	3.7	4.9	4.2	10	5.3

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-F20-SS[F-284]-C2-005-DAVG	01-F20-SS[F-286]-C2-005	01-F20-SS[F-287]-C2-005	01-F20-SS[F-290]-C2-005	01-F20-SS[F-291]-C2-005
Date Sampled	9/4/01	9/4/01	9/4/01	9/4/01	9/4/01
Depth	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
Total Metals (mg/kg dry)					
Arsenic	5.7	4.1	3.7	9.6	5.9
Lead	5.8	4.3	4.3	14	18

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-F20-SS[F-292]-C2-005	01-F20-SS-[F-295]-C3-005-DAVG	01-F20-SS-[F-297]-C2-005	01-F20-SS-[F-298]-C2-005	01-F20-SS-[F-299]-C2-005
Date Sampled	9/4/01	9/5/01	9/5/01	9/5/01	9/5/01
Depth	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
Total Metals (mg/kg dry)					
Arsenic	13	7.15	5	6.9	25
Lead	27	28.5	34	21	29

Table B.19-1
Miscellaneous Sample Soil Metals Results

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-F20-SS-[F-300]-C2-005	01-F21-SS-[F-304]-C2-005	01-F21-SS-[F-305]-C2-005	01-F22-SS[F-145]C2-005	01-F22-SS[F-146]C2-005
Date Sampled	9/5/01	9/5/01	9/5/01	7/2/01	7/2/01
Depth	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
Total Metals (mg/kg dry)					
Arsenic	15	9.1	5.8	4.8	4.5
Lead	11	70	30	2.7	2.5

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-F22-SS[F-147]C2-005	01-F22-SS[F-148]C2-005	01-F22-SS[F-149]C2-005	01-F22-SS[F-150]C2-005	01-F22-SS[F-151]C2-005
Date Sampled	7/2/01	7/2/01	7/2/01	7/2/01	7/2/01
Depth	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
Total Metals (mg/kg dry)					
Arsenic	3.7	4.8	3.9	3.7	3.2
Lead	3.2	3.6	6.2	2	1.8 U

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-F22-SS[F-152]C2-005	01-F22-SS[F-153]C2-005	01-F22-SS[F-154]C2-005	01-F22-SS[F-155]C2-005	01-F22-SS[F-156]C2-005
Date Sampled	7/2/01	7/2/01	7/2/01	7/2/01	7/2/01
Depth	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
Total Metals (mg/kg dry)					
Arsenic	13	3.4	2.7	5.9	3.7
Lead	6.8	3	2.8	5	7.2

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-F22-SS[F-157]C2-005	01-F22-SS[F-158]C2-005	01-F22-SS[F-159]C2-005	01-F23-SS[F-163]C2-005	01-F23-SS[F-164]C2-005
Date Sampled	7/2/01	7/2/01	7/2/01	7/8/01	7/8/01
Depth	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
Total Metals (mg/kg dry)					
Arsenic	3.6	26	4.9	5.9	8.6
Lead	2.6	35	2.3	9.1	6.9

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-F23-SS[F-165]C2-005	01-F23-SS[F-166]C2-005	01-F23-SS[F-167]C2-005	01-F23-SS[F-168]C2-005	01-F23-SS[F-169]C2-005
Date Sampled	7/8/01	7/8/01	7/8/01	7/8/01	7/8/01
Depth	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
Total Metals (mg/kg dry)					
Arsenic	6.7	18	60	5.5	14
Lead	5	15	5.6	4.4	6.6

Table B.19-1
Miscellaneous Sample Soil Metals Results

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-F24-SS[F-172]C2-005	01-F24-SS[F-173]C2-005	01-F24-SS[F-174]C2-005	01-F24-SS[F-176]C2-005	01-F33-SS[F-273]C2-005-DAVG
Date Sampled	7/18/01	7/18/01	7/18/01	7/18/01	8/28/01
Depth	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
Total Metals (mg/kg dry)					
Arsenic	3.6	3.3	4.4	3.7	14.5
Lead	2	2.5	3.6	4	80

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-F33-SS[F-275]C2-005	01-F33-SS[F-276]C2-005	01-F33-SS[F-277]C2-005	01-F33-SS[F-278]C2-005	01-F33-SS[F-279]C2-005
Date Sampled	8/28/01	8/28/01	8/28/01	8/28/01	8/28/01
Depth	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
Total Metals (mg/kg dry)					
Arsenic	5.8	20	4.7	6.5	8.6
Lead	7.8	45	3	4	12

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-F33-SS[F-280]C2-005	01-F34-SS[F-170]C2-005	01-F34-SS[F-171]C2-005	01-F34-SS-[F-301]-C2-005	01-F34-SS-[F-302]-C2-005
Date Sampled	8/28/01	7/17/01	7/17/01	9/5/01	9/5/01
Depth	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
Total Metals (mg/kg dry)					
Arsenic	4.9	3.1	3	5.8	6.2
Lead	5.1	5.5 J	29 J	5	14

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-F34-SS-[F-303]-C2-005	01-F36-SS[F-193]C2-005	01-F36-SS[F-194]C2-005	01-F36-SS[F-195]C2-005	01-F36-SS[F-196]C2-005
Date Sampled	9/5/01	8/1/01	8/1/01	8/1/01	8/1/01
Depth	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5
Total Metals (mg/kg dry)					
Arsenic	6.6	25	5	5.1	4
Lead	14	16	8.5	7.3	5.7

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-F36-SS[F-197]C2-005	01-H404-SS[1]D1-005	01-H404-SS[10]D1-005	01-H404-SS[11]D1-005-DAVG	01-H404-SS[2]D1-005
Date Sampled	8/1/01	7/3/01	7/3/01	7/3/01	7/3/01
Depth	2 to 2.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)					
Arsenic	4.8	14	7.5	6.15	24
Lead	6	37	22	31	450

Table B.19-1
Miscellaneous Sample Soil Metals Results

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-H404-SS[3]D1-005	01-H404-SS[4]D1-005	01-H404-SS[5]D1-005	01-H404-SS[6]D1-005	01-H404-SS[7]D1-005
Date Sampled	7/3/01	7/3/01	7/3/01	7/3/01	7/3/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)					
Arsenic	17	60	13	21	8.1
Lead	88	46	160	790	18

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-H404-SS[8]D1-005	01-H404-SS[9]D1-005	01-N01-SS[NGRR-02]C2-005	01-N01-SS[NGRR-03]C2-005	01-N01-SS[NGRR-04]C2-005
Date Sampled	7/3/01	7/3/01	6/7/01	6/7/01	6/7/01
Depth	0 to 0.5	0 to 0.5	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg dry)					
Arsenic	13	150	2.4	3.3	5.4
Lead	170	280	3.1	3.1	5

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-N01-SS[NGRR-05]C2-005	01-N01-SS[NGRR-06]C2-005	01-N01-SS[NGRR-09]C2-005	01-N01-SS[NGRR-103]C2-005-DAVG	01-N01-SS[NGRR-105]C2-005
Date Sampled	6/7/01	6/7/01	6/7/01	7/23/01	7/23/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg dry)					
Arsenic	6.1	2.9	33	6.4	4.3
Lead	3.2	2.9	11	8.65	4.4

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-N01-SS[NGRR-106]C2-005	01-N01-SS[NGRR-107]C2-005	01-N01-SS[NGRR-108]C2-005	01-N01-SS[NGRR-109]C2-005	01-N01-SS[NGRR-110]C2-005
Date Sampled	7/23/01	7/23/01	7/23/01	7/23/01	7/23/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg dry)					
Arsenic	4.3	5	5.3	9.3	10
Lead	3.6	14	6.1	18	24

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-N01-SS[NGRR-111]C2-005	01-N01-SS[NGRR-112]C2-005	01-N01-SS[NGRR-113]C2-005	01-N01-SS[NGRR-114]C2-005	01-N01-SS[NGRR-115]C2-005
Date Sampled	7/23/01	7/23/01	7/23/01	7/23/01	7/23/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg dry)					
Arsenic	5.7	6.9	55	13	12
Lead	3.7	5.8	26	29	5.2

Table B.19-1
Miscellaneous Sample Soil Metals Results

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-N01-SS[NGRR-116]C2-005	01-N01-SS[NGRR-117]C2-005	01-N01-SS[NGRR-118]C2-005	01-N01-SS[NGRR-123]C2-005	01-N01-SS[NGRR-124]C2-005
Date Sampled	7/23/01	7/23/01	7/23/01	7/23/01	7/23/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg dry)					
Arsenic	19	7.6	6.9	3.8	10
Lead	9	3.7	4.1	3.4	6.6

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-N01-SS[NGRR-127]C2-005	01-N01-SS[NGRR-128]C2-005	01-N01-SS[NGRR-129]C2-005	01-N01-SS[NGRR-130]C2-005	01-N01-SS[NGRR-131]C2-005
Date Sampled	7/24/01	7/24/01	7/24/01	7/24/01	7/24/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg dry)					
Arsenic	10	12	7.7	7	7.3
Lead	6.3	4.8	3.5	4.3	6.5

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-N01-SS[NGRR-133]C2-005	01-N01-SS[NGRR-134]C2-005	01-N01-SS[NGRR-135]C2-005	01-N01-SS[NGRR-136]C2-005	01-N01-SS[NGRR-138]C2-005
Date Sampled	7/24/01	7/24/01	7/24/01	7/24/01	7/30/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg dry)					
Arsenic	4.4	21	3.9	24	4.8
Lead	10	19	3.3	14	9.4

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-N01-SS[NGRR-14]C2-005-DAVG	01-N01-SS[NGRR-143]C2-005	01-N01-SS[NGRR-16]C2-005	01-N01-SS[NGRR-17]C2-005	01-N01-SS[NGRR-182]C2-005
Date Sampled	6/26/01	7/30/01	6/26/01	6/26/01	8/6/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg dry)					
Arsenic	4.5	16	3.5	2.9	23
Lead	6.95	5.1	4.9	31	11

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-N01-SS[NGRR-183]C2-005	01-N01-SS[NGRR-184]C2-005	01-N01-SS[NGRR-185]C2-005	01-N01-SS[NGRR-186]C2-005	01-N01-SS[NGRR-187]C2-005-DAVG
Date Sampled	8/6/01	8/6/01	8/6/01	8/6/01	8/6/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg dry)					
Arsenic	10	5.2	4.7	6.2	37.5
Lead	13	13	5.7	8	11.5

Table B.19-1
Miscellaneous Sample Soil Metals Results

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-N01-SS[NGRR-189]C2-005	01-N01-SS[NGRR-19]C2-005-DAVG	01-N01-SS[NGRR-190]C2-005	01-N01-SS[NGRR-191]C2-005	01-N01-SS[NGRR-192]C2-005
Date Sampled	8/6/01	7/2/01	8/6/01	8/6/01	8/6/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg dry)					
Arsenic	26	5.1	13	15	31
Lead	21	3.05	9.2	8.8	17

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-N01-SS[NGRR-195]C2-005	01-N01-SS[NGRR-21]C2-005	01-N01-SS[NGRR-22]C2-005	01-N01-SS[NGRR-23]C2-005	01-N01-SS[NGRR-24]C2-005
Date Sampled	8/7/01	7/2/01	7/2/01	7/2/01	7/8/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg dry)					
Arsenic	18	4.2	6.5	4.1	4.9
Lead	53	3.5	4.3	5.1	7.5

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-N01-SS[NGRR-25]C2-005	01-N01-SS[NGRR-250]C2-005	01-N01-SS[NGRR-251]C2-005	01-N01-SS[NGRR-252]C2-005	01-N01-SS[NGRR-253]C2-005
Date Sampled	7/8/01	8/13/01	8/13/01	8/13/01	8/13/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg dry)					
Arsenic	5.8	7.9	6.8	9	7.8
Lead	10	6.6	4.8	6.1	4.3

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-N01-SS[NGRR-254]C2-005	01-N01-SS[NGRR-255]C2-005	01-N01-SS[NGRR-256]C2-005	01-N01-SS[NGRR-258]C2-005	01-N01-SS[NGRR-259]C2-005
Date Sampled	8/13/01	8/13/01	8/13/01	8/13/01	8/13/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg dry)					
Arsenic	6.3	17	9.6	6.8	10
Lead	5	4.8	4.8	5.7	5.2

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-N01-SS[NGRR-26]C2-005	01-N01-SS[NGRR-260]C2-005	01-N01-SS[NGRR-265]C2-005	01-N01-SS[NGRR-266]C2-005	01-N01-SS[NGRR-267]C2-005
Date Sampled	7/8/01	8/13/01	8/13/01	8/13/01	8/13/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg dry)					
Arsenic	19	6.8	4	6.7	8.9
Lead	6.4	6.6	4.1	5.8	8

Table B.19-1
Miscellaneous Sample Soil Metals Results

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-N01-SS[NGRR-268]C2-005	01-N01-SS[NGRR-269]C2-005	01-N01-SS[NGRR-270]C2-005	01-N01-SS[NGRR-271]C2-005	01-N01-SS[NGRR-272]C2-005
Date Sampled	8/13/01	8/13/01	8/13/01	8/13/01	8/13/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg dry)					
Arsenic	9.5	6.7	8.2	10	11
Lead	6.8	7	9.1	7.8	6.6

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-N01-SS[NGRR-273]C2-005	01-N01-SS[NGRR-274]C2-005	01-N01-SS[NGRR-287]C2-005	01-N01-SS[NGRR-288]C2-005	01-N01-SS[NGRR-289]C2-005
Date Sampled	8/13/01	8/13/01	8/15/01	8/15/01	8/15/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg dry)					
Arsenic	8.9	8.5	6	7.4	6.2
Lead	7.9	7.9	5.1	5.9	4.3

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-N01-SS[NGRR-290]C2-005	01-N01-SS[NGRR-291]C2-005	01-N01-SS[NGRR-292]C2-005	01-N01-SS[NGRR-293]C2-005	01-N01-SS[NGRR-294]C2-005
Date Sampled	8/15/01	8/15/01	8/15/01	8/15/01	8/15/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg dry)					
Arsenic	8.2	8.4	12	6.6	6.8
Lead	5.1	8.2	12	5.5	7.3

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-N01-SS[NGRR-295]C2-005	01-N01-SS[NGRR-303]C2-005	01-N01-SS[NGRR-304]C2-005	01-N01-SS[NGRR-305]C2-005	01-N01-SS[NGRR-306]C2-005
Date Sampled	8/15/01	8/16/01	8/16/01	8/16/01	8/16/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg dry)					
Arsenic	7.1	46	13	13	4.6
Lead	4.9	20	7.2	10	2.6

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-N01-SS[NGRR-307]C2-005	01-N01-SS[NGRR-308]C2-005	01-N01-SS[NGRR-309]C2-005	01-N01-SS[NGRR-31]C2-005	01-N01-SS[NGRR-310]C2-005
Date Sampled	8/16/01	8/16/01	8/16/01	7/8/01	8/16/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg dry)					
Arsenic	17	19	34	24	34
Lead	5.5	7.1	11	6.7	37

Table B.19-1
Miscellaneous Sample Soil Metals Results

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-N01-SS[NGRR-312]C2-005	01-N01-SS[NGRR-313]C2-005	01-N01-SS[NGRR-314]C2-005	01-N01-SS[NGRR-315]C2-005	01-N01-SS[NGRR-316]C2-005
Date Sampled	8/16/01	8/16/01	8/16/01	8/16/01	8/16/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg dry)					
Arsenic	8	12	14	5.5	5.9
Lead	10	13	20	5.7	15

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-N01-SS[NGRR-317]C2-005	01-N01-SS[NGRR-318]C2-005	01-N01-SS[NGRR-32]C2-005	01-N01-SS[NGRR-320]C2-005	01-N01-SS[NGRR-33]C2-005
Date Sampled	8/16/01	8/16/01	7/8/01	8/16/01	7/8/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg dry)					
Arsenic	4.9	24	5.1	6.1	3.4
Lead	8.2	16	4.1	9.5	3.2

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-N01-SS[NGRR-34]C2-005	01-N01-SS[NGRR-35]C2-005	01-N01-SS[NGRR-351]C2-005	01-N01-SS[NGRR-352]C2-005-DAVG	01-N01-SS[NGRR-354]C2-005
Date Sampled	7/11/01	7/11/01	8/20/01	8/21/01	8/21/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg dry)					
Arsenic	4.5	17	42 U	43 U	43 U
Lead	7.9	9.4	21 UJ	21 UJ	21 UJ

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-N01-SS[NGRR-355]C2-005	01-N01-SS[NGRR-356]C2-005	01-N01-SS[NGRR-357]C2-005	01-N01-SS[NGRR-358]C2-005	01-N01-SS[NGRR-359]C2-005
Date Sampled	8/21/01	8/21/01	8/21/01	8/21/01	8/21/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg dry)					
Arsenic	45 U	42 U	40 U	37 U	43
Lead	22 UJ	21 UJ	20 UJ	18 UJ	22 UJ

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-N01-SS[NGRR-36]C2-005-DAVG	01-N01-SS[NGRR-360]C2-005	01-N01-SS[NGRR-361]C2-005	01-N01-SS[NGRR-366]C2-005	01-N01-SS[NGRR-367]C2-005
Date Sampled	7/11/01	8/21/01	8/21/01	8/21/01	8/21/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg dry)					
Arsenic	6	44 U	40 U	10	6
Lead	24.5	22 UJ	20 UJ	5.9	7.2

Table B.19-1
Miscellaneous Sample Soil Metals Results

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-N01-SS[NGRR-369]C2-005	01-N01-SS[NGRR-370]C2-005	01-N01-SS[NGRR-371]C2-005	01-N01-SS[NGRR-372]C2-005	01-N01-SS[NGRR-373]C2-005
Date Sampled	8/21/01	8/21/01	8/21/01	8/21/01	8/21/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg dry)					
Arsenic	11	12	4.5	4.2	6.2
Lead	6.4	15	5.6	4.9	5.1

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-N01-SS[NGRR-374]C2-005	01-N01-SS[NGRR-375]C2-005	01-N01-SS[NGRR-376]C2-005	01-N01-SS[NGRR-377]C2-005	01-N01-SS[NGRR-378]C2-005
Date Sampled	8/21/01	8/21/01	8/21/01	8/21/01	8/21/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg dry)					
Arsenic	5.5	4.2	4.2	7.2	5.5
Lead	4	3.6	3.8	7.1	6.4

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-N01-SS[NGRR-379]C2-005	01-N01-SS[NGRR-38]C2-005	01-N01-SS[NGRR-380]C2-005	01-N01-SS[NGRR-381]C2-005	01-N01-SS[NGRR-39]C2-005
Date Sampled	8/21/01	7/11/01	8/22/01	8/22/01	7/11/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg dry)					
Arsenic	5.8	3.3	3.1	2.5	4.7
Lead	5.1	4.1	3.4	2.7	5.4

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-N01-SS[NGRR-40]C2-005	01-N01-SS[NGRR-41]C2-005	01-N01-SS[NGRR-42]C2-005	01-N01-SS[NGRR-422]C2-005	01-N01-SS[NGRR-423]C2-005
Date Sampled	7/11/01	7/11/01	7/11/01	8/27/01	8/27/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg dry)					
Arsenic	7.3	4.4	5.5	52	19
Lead	6.8	3.9	4	8.6	2.4

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-N01-SS[NGRR-424]C2-005	01-N01-SS[NGRR-425]C2-005	01-N01-SS[NGRR-426]C2-005	01-N01-SS[NGRR-428]C2-005	01-N01-SS[NGRR-429]C2-005
Date Sampled	8/27/01	8/27/01	8/27/01	8/27/01	8/27/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg dry)					
Arsenic	4.8	4.4	6.7	6.8	14
Lead	2.1	3	3.8	2.7	8.2

Table B.19-1
Miscellaneous Sample Soil Metals Results

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-N01-SS[NGRR-43]C2-005	01-N01-SS[NGRR-430]C2-005	01-N01-SS[NGRR-431]C2-005	01-N01-SS[NGRR-433]C2-005	01-N01-SS[NGRR-434]C2-005
Date Sampled	7/11/01	8/27/01	8/27/01	8/27/01	8/27/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg dry)					
Arsenic	5.3	35	25	30	21
Lead	4.4	7.4	13	62	9.9

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-N01-SS-[NGRR-436]-C2-020	01-N01-SS-[NGRR-437]-C2-020	01-N01-SS-[NGRR-439]C2-015	01-N01-SS[NGRR-44]C2-005	01-N01-SS-[NGRR-440]C2-015
Date Sampled	9/12/01	9/12/01	9/17/01	7/11/01	9/17/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg dry)					
Arsenic	3.5	2.8	5.4	4.2	13
Lead	2.6	2.2	3.7	4.6	5.8

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-N01-SS[NGRR-45]C2-005	01-N01-SS[NGRR-46]C2-005	01-N01-SS[NGRR-47]C2-005	01-N01-SS[NGRR-48]C2-005	01-N01-SS[NGRR-49]C2-005
Date Sampled	7/11/01	7/11/01	7/11/01	7/11/01	7/11/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg dry)					
Arsenic	4.5	3.3	5	5	7.7
Lead	4.1	3.2	4.3	3.4	4.3

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-N01-SS[NGRR-50]C2-005	01-N01-SS[NGRR-52]C2-005	01-N01-SS[NGRR-53]C2-005	01-N01-SS[NGRR-54]C2-005-DAVG	01-N01-SS[NGRR-56]C2-005
Date Sampled	7/11/01	7/12/01	7/12/01	7/12/01	7/12/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg dry)					
Arsenic	2.6	13	6.6	5.85	4.3
Lead	2.6	40	7.6	6.65	3.5

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-N01-SS[NGRR-57]C2-005	01-N01-SS[NGRR-58]C2-005	01-N01-SS[NGRR-59]C2-005	01-N01-SS[NGRR-60]C2-005	01-N01-SS[NGRR-62]C2-005
Date Sampled	7/12/01	7/12/01	7/12/01	7/12/01	7/17/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg dry)					
Arsenic	16	2.9	3.6	2.4	21
Lead	3.7	2.6	3.5	2	6 J

Table B.19-1
Miscellaneous Sample Soil Metals Results

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-N01-SS[NGRR-63]C2-005	01-N01-SS[NGRR-64]C2-005	01-N01-SS[NGRR-65]C2-005	01-N01-SS[NGRR-66]C2-005	01-N01-SS[NGRR-67]C2-005
Date Sampled	7/17/01	7/17/01	7/17/01	7/17/01	7/17/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg dry)					
Arsenic	7.6	2.8	3.8	12	3.9
Lead	3.1 J	1.8 UJ	2.1 UJ	5.3 J	7.3 J

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-N01-SS[NGRR-70]C2-005	01-N01-SS[NGRR-71]C2-005	01-N01-SS[NGRR-72]C2-005	01-N01-SS[NGRR-73]C2-005	01-N01-SS[NGRR-74]C2-005-DAVG
Date Sampled	7/17/01	7/17/01	7/17/01	7/17/01	7/18/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg dry)					
Arsenic	6.5	9.9	11	3.7	6.4
Lead	2.8 J	2 UJ	2.6 J	1.8 UJ	3.6

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-N01-SS[NGRR-76]C2-005	01-N01-SS[NGRR-77]C2-005	01-N01-SS[NGRR-78]C2-005	01-N01-SS[NGRR-79]C2-005	01-N01-SS[NGRR-80]C2-005
Date Sampled	7/18/01	7/18/01	7/18/01	7/18/01	7/18/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg dry)					
Arsenic	3.6	4.3	15	15	27
Lead	3.3	3.1	3.5	3.7	6

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-N01-SS[NGRR-82]C2-005	01-N01-SS[NGRR-83]C2-005	01-N01-SS[NGRR-84]C2-005	01-N01-SS[NGRR-85]C2-005	01-N01-SS[NGRR-95]C2-005-DAVG
Date Sampled	7/18/01	7/18/01	7/18/01	7/18/01	7/19/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
Total Metals (mg/kg dry)					
Arsenic	9.7	3	12	4.2	3.05
Lead	6.5	3.1	4.5	3.2	5.15

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-N01-SS[NGRR-97]C2-005	01-N01-SS[NGRR-98]C2-005	01-N01-SS[NGRR-99]C2-005	01-SM-SS-[R67C2]-D1-005	01-SM-SS-[R67C3]-D1-005
Date Sampled	7/19/01	7/19/01	7/19/01	9/17/01	9/17/01
Depth	1.5 to 2	1.5 to 2	1.5 to 2	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)					
Arsenic	3.4	5.3	2.9	52	52
Lead	5	36	4.9	22	150

Table B.19-1
Miscellaneous Sample Soil Metals Results

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	01-SM-SS-[R67C4]-D1-005	01-SM-SS-[R68C2]-D1-005	01-SM-SS-[R68C3]-D1-005	01-SM-SS-[R68C4]-D1-005	01-SM-SS-[R69C4]-D1-005
Date Sampled	9/17/01	9/17/01	9/17/01	9/17/01	9/17/01
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)					
Arsenic	47	73	6	62	28
Lead	35	280	4.7	83	36

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	02-F15-SS[F-133-2]C2-030	02-F20-SS-[F-296-2]C2-030	02-F21-SS-[F-306-2]C2-030	02-F23-SS[F-162-2]C2-030	02-F38-SS[F-259-2]C2-030
Date Sampled	8/30/01	9/17/01	9/17/01	8/29/01	8/30/01
Depth	3 to 3.5	3 to 3.5	3 to 3.5	3 to 3.5	3 to 3.5
Total Metals (mg/kg dry)					
Arsenic	4.1	7.9	5.1	12 J	5.2
Lead	55 J	7.6	2.8	31	57 J

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	02-N01-SS[NGRR-07-2]C2-025-DAVG	02-N01-SS[NGRR-11-2]C2-025	02-N01-SS[NGRR-12-2]C2-025	02-N01-SS[NGRR-125-2]C2-025-DAVG	02-N01-SS[NGRR-13-2]C2-025
Date Sampled	8/30/01	8/28/01	8/28/01	8/30/01	8/28/01
Depth	2 to 3	2 to 3	2 to 3	2.5 to 3	2.5 to 3
Total Metals (mg/kg dry)					
Arsenic	4.55	2.8	5.1	5.3	4.6
Lead	21.5	2.7	3.2	14.5	3.6

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	02-N01-SS[NGRR-132-2]C2-025	02-N01-SS[NGRR-27-2]C2-025	02-N01-SS[NGRR-282-2]C2-025	02-N01-SS[NGRR-29-2]C2-025	02-N01-SS[NGRR-301-2]C2-025-DAVG
Date Sampled	8/30/01	8/29/01	8/30/01	8/29/01	8/30/01
Depth	2.5 to 3	2.5 to 3	2.5 to 3	2.5 to 3	2.5 to 3
Total Metals (mg/kg dry)					
Arsenic	3.9	31 J	7.3	17 J	5.65
Lead	9.9 J	14	29 J	16	11.3

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	02-N01-SS[NGRR-30-2]C2-025	02-N01-SS-[NGRR-432-2]-C2-030	02-N01-SS[NGRR-69-2]C2-025	02-N01-SS[NGRR-81-2]C2-025	02-N01-SS[NGRR-81-2]C2-025
Date Sampled	8/29/01	9/13/01	8/30/01	8/30/01	8/30/01
Depth	2.5 to 3	2.5 to 3	2.5 to 3	2.5 to 3	2.5 to 3
Total Metals (mg/kg dry)					
Arsenic	6 J	4.1	14	6.9	6.9
Lead	4.8	29	5.4	3.5	3.5

Table B.19-1
Miscellaneous Sample Soil Metals Results

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	03-F15-SS-[F-128-3]-C2-050	03-F23-SS-[F-161-3]-C2-050	03-N01-SS-[NGRR-145-3]-C2-050	12-VS-1	12-VS-10
Date Sampled	9/13/01	9/10/01	9/13/01	9/23/99	9/23/99
Depth	4 to 4.5	4 to 4.5	3.5 to 4	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)					
Arsenic	4.4	4	6	12	29
Lead	2.8	10	5.5	14	13

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	12-VS-3	12-VS-4	12-VS-5	12-VS-6	12-VS-7-DAVG
Date Sampled	9/23/99	9/23/99	9/23/99	9/23/99	9/23/99
Depth	0 to 0.5	0 to 0.5	1 to 2.5	1 to 2.5	1 to 2.5
Total Metals (mg/kg dry)					
Arsenic	15	20	4.2	3.8	54.5
Lead	13	36	6.6	6.1	63.5

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	12-VS-8	19-VS-21	19-VS-25	19-VS-26	19-VS-27
Date Sampled	9/23/99	9/14/99	9/14/99	9/14/99	9/14/99
Depth	1 to 2.5	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5
Total Metals (mg/kg dry)					
Arsenic	2.5	34	7.9	4.8	6.1
Lead	5	1500 J	200 J	11 J	1100 J

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	19-VS-34	19-VS-36	19-VS-38	19-VS-39	19-VS-40
Date Sampled	9/14/99	9/14/99	9/14/99	9/14/99	9/14/99
Depth	0 to 0.5	0 to 0.5	0 to 0.5	2 to 4.5	0 to 0.5
Total Metals (mg/kg dry)					
Arsenic	15	21	5.4	20	18
Lead	3600 J	180	13	53	82

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	19-VS-41	19-VS-44-DAVG	19-VS-45-DAVG	19-VS-47	19-VS-48
Date Sampled	9/14/99	9/14/99	9/14/99	9/30/99	9/30/99
Depth	0 to 0.5	2 to 4.5	2 to 4.5	2 to 4.5	0 to 0.5
Total Metals (mg/kg dry)					
Arsenic	170	5.8	3.85	6.5	8.7
Lead	850	24	18.5	240	360

Table B.19-1
Miscellaneous Sample Soil Metals Results

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	19-VS-49	19-VS-53	19-VS-54	19-VS-57	26-VS-27
Date Sampled	9/30/99	9/30/99	9/30/99	10/19/99	9/21/99
Depth	2 to 4.5	2 to 4.5	0 to 0.5	2 to 4.5	0 to 0.5
Total Metals (mg/kg dry)					
Arsenic	6.1	6.5	140	2 U	6.9
Lead	250	310	160	6.1 U	14

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	26-VS-28	26-VS-29	26-VS-30	26-VS-31	26-VS-33
Date Sampled	9/21/99	9/21/99	9/21/99	9/21/99	9/21/99
Depth	0 to 0.5	0 to 0.5	0 to 0.5	1 to 2.5	1 to 2.5
Total Metals (mg/kg dry)					
Arsenic	52	34	45	5.3	28
Lead	43	73	19	5.1	4.9

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	26-VS-34	26-VS-35-DAVG	26-VS-36	26-VS-37	26-VS-38
Date Sampled	9/21/99	9/21/99	9/21/99	9/21/99	9/21/99
Depth	1 to 2.5	1 to 2.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)					
Arsenic	15	6	220	3	17
Lead	5.3	3.7	84	6.9	29

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	26-VS-40	26-VS-41	26-VS-42	26-VS-43	26-VS-44-DAVG
Date Sampled	9/21/99	9/21/99	9/21/99	9/21/99	9/21/99
Depth	1 to 2.5	1 to 2.5	1 to 2.5	1 to 2.5	0 to 0.5
Total Metals (mg/kg dry)					
Arsenic	4.8	11	15	6.3	180
Lead	19	8.2	16	4	24

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	26-VS-5	26-VS-6	38-VS-118	38-VS-119	38-VS-12
Date Sampled	9/15/99	9/15/99	10/11/99	10/11/99	9/27/99
Depth	1 to 2.5	1 to 2.5	1 to 2.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)					
Arsenic	3.7	4.1	20	51	29
Lead	37 J	200 J	13	52	38

Table B.19-1
Miscellaneous Sample Soil Metals Results

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	38-VS-120	38-VS-121	38-VS-126	38-VS-127	38-VS-128
Date Sampled	10/11/99	10/11/99	10/11/99	10/11/99	10/11/99
Depth	1 to 2.5	1 to 2.5	3 to 4.5	1 to 2.5	1 to 2.5
Total Metals (mg/kg dry)					
Arsenic	76	35	37	21	3.8
Lead	77	87	13	13	4.9

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	38-VS-129	38-VS-130	38-VS-133	38-VS-134	38-VS-135
Date Sampled	10/11/99	10/11/99	5/24/00	5/24/00	5/24/00
Depth	1 to 2.5	0 to 0.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5
Total Metals (mg/kg dry)					
Arsenic	6.3	20	8.1	74	15
Lead	6.5	35	26	22	590

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	38-VS-136	38-VS-16	38-VS-18	38-VS-24	38-VS-26
Date Sampled	5/24/00	9/27/99	9/27/99	9/27/99	9/27/99
Depth	1.5 to 3.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)					
Arsenic	150	23	13	76	100
Lead	11	35	20	48	8.5

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	38-VS-27	38-VS-28	38-VS-31	38-VS-32	38-VS-33
Date Sampled	9/27/99	9/27/99	9/27/99	9/27/99	9/27/99
Depth	0 to 0.5	1 to 2.5	1 to 2.5	0 to 0.5	1 to 2.5
Total Metals (mg/kg dry)					
Arsenic	50	8	7.2	49	4.3
Lead	100	6.1	4.4	64	5.6

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	38-VS-34	38-VS-35	38-VS-36	38-VS-38	38-VS-39
Date Sampled	9/27/99	9/27/99	9/27/99	9/27/99	9/27/99
Depth	1 to 2.5	0 to 0.5	0 to 0.5	1 to 2.5	0 to 0.5
Total Metals (mg/kg dry)					
Arsenic	51	12	210	21	84
Lead	20	39	47	24	20

Table B.19-1
Miscellaneous Sample Soil Metals Results

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	38-VS-40	38-VS-41	38-VS-42	38-VS-43	38-VS-44
Date Sampled	9/27/99	9/27/99	9/27/99	9/27/99	9/27/99
Depth	0 to 0.5	1 to 2.5	1 to 2.5	1 to 2.5	1 to 2.5
Total Metals (mg/kg dry)					
Arsenic	260	10	14	5.7	20
Lead	110	8	4.9	3.2	4.5

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	38-VS-45	38-VS-47-DAVG	38-VS-48-DAVG	38-VS-50	38-VS-51
Date Sampled	9/27/99	9/27/99	9/27/99	9/27/99	9/27/99
Depth	0 to 0.5	1 to 2.5	0 to 0.5	1 to 2.5	1 to 2.5
Total Metals (mg/kg dry)					
Arsenic	340	70	185	30	25
Lead	56	23.5	35.5	23	12

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	38-VS-52	38-VS-53	38-VS-54	38-VS-55	38-VS-56
Date Sampled	9/27/99	9/27/99	9/27/99	9/27/99	9/27/99
Depth	0 to 0.5	0 to 0.5	1 to 2.5	1 to 2.5	0 to 0.5
Total Metals (mg/kg dry)					
Arsenic	38	140	37	120	970
Lead	64	170	20	39	100

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	38-VS-65	38-VS-73	38-VS-8	38-VS-86	38-VS-88
Date Sampled	9/28/99	9/28/99	9/27/99	9/28/99	9/28/99
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)					
Arsenic	170	69	8.7	11	16
Lead	63	100	22	35	21

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	38-VS-91	38-VS-94	APC-PS-VS-04-01	APC-PS-VS-04-02	APC-PS-VS-04-03
Date Sampled	9/28/99	9/28/99	12/11/98	12/11/98	12/11/98
Depth	1 to 2.5	1 to 2.5	1 to 1.7	1 to 2.9	1 to 2.6
Total Metals (mg/kg dry)					
Arsenic	26	75	6.6	3.4	4.2
Lead	24	21	18	3.8	7.6

Table B.19-1
Miscellaneous Sample Soil Metals Results

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	APC-PS-VS-04-04	APC-PS-VS-04-05	APC-PS-VS-04-06	APC-PS-VS-04-07	APC-PS-VS-04-08
Date Sampled	12/11/98	12/11/98	12/11/98	12/11/98	12/11/98
Depth	1 to 2.9	1 to 2.1	1 to 2	1 to 2.3	1 to 2.3
Total Metals (mg/kg dry)					
Arsenic	9.2	22	3.1	4.5	5.5
Lead	17	150	8	48	250

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	APC-PS-VS-04-09	APC-PS-VS-04-10	APF-VS-11	APF-VS-12	APF-VS-13
Date Sampled	12/11/98	12/11/98	9/22/99	9/22/99	9/22/99
Depth	1 to 2	1 to 2.2	0 to 0.5	0 to 0.5	1 to 2.5
Total Metals (mg/kg dry)					
Arsenic	4.2	3.8	26	300	29
Lead	6.2	3.1	25	24	9.1

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	APF-VS-14	APF-VS-15	APF-VS-16	APF-VS-2	APF-VS-4
Date Sampled	9/22/99	9/22/99	9/22/99	9/22/99	9/22/99
Depth	1 to 2.5	1 to 2.5	1 to 2.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)					
Arsenic	6.4	2.2	3.7	30	350
Lead	2.2	2.8	3.6	32	59

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	APF-VS-9	LR181-VS-2	LR181-VS-3	LR181-VS-4	LR181-VS-5
Date Sampled	9/22/99	9/23/99	9/23/99	9/23/99	9/23/99
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	1 to 2.5
Total Metals (mg/kg dry)					
Arsenic	100	67	29	28	10
Lead	66	36	38	42	8.3

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	LR181-VS-6	LR181-VS-7	LR181-VS-8	LR181-VS-9-DAVG	LR-68-W125
Date Sampled	9/23/99	9/23/99	9/23/99	9/23/99	11/4/92
Depth	1 to 2.5	1 to 2.5	1 to 2.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)					
Arsenic	10	5.8	9.8	54	
Lead	6.1	5.8	9.2	65	29

Table B.19-1
Miscellaneous Sample Soil Metals Results

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	SA2-38-71	SA2-39-70	SA2-39-71	SA2-40-69	SA2-40-70
Date Sampled	10/14/99	10/14/99	10/14/99	10/14/99	10/14/99
Depth	2.5 to 5.5	2.5 to 5.5	2.5 to 5.5	2.5 to 5.5	2.5 to 5.5
Total Metals (mg/kg dry)					
Arsenic	2 U	2.1 U	1.8 U	2.6	3.5
Lead	1.5	2.5	1.6	4.5	1.9

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	SA2-40-71	SA2-40-72	SA2-41-68	SA2-41-69	SA2-41-70
Date Sampled	10/14/99	10/14/99	10/14/99	10/14/99	10/14/99
Depth	2.5 to 5.5	2.5 to 5.5	2.5 to 5.5	2.5 to 5.5	2.5 to 5.5
Total Metals (mg/kg dry)					
Arsenic	2 U	2 U	2.4	2.1 U	2.1 U
Lead	1.6	1	5.8	4.9	1.9

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	SA2-41-71	SA2-41-72	SA2-42-67	SA2-42-68	SA2-42-69
Date Sampled	10/14/99	10/14/99	10/14/99	10/14/99	10/14/99
Depth	2.5 to 5.5	2.5 to 5.5	2.5 to 5.5	2.5 to 5.5	2.5 to 5.5
Total Metals (mg/kg dry)					
Arsenic	2 U	1.9 U	21	2.2 U	3.1
Lead	2.2	1.6	160	3.9	5.6

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	SA2-42-70	SA2-42-71	SA2-42-72	SA2-43-67	SA2-43-68
Date Sampled	10/14/99	10/14/99	10/14/99	10/14/99	10/14/99
Depth	2.5 to 5.5	2.5 to 5.5	2.5 to 5.5	2.5 to 5.5	2.5 to 5.5
Total Metals (mg/kg dry)					
Arsenic	2 U	2 U	2.2 U	3.4	2.9
Lead	2.9	2.2	1.2	12	14

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	SA2-43-69	SA2-43-70	SA2-43-71	SA2-43-72	SA2-44-67
Date Sampled	10/14/99	10/14/99	10/14/99	10/14/99	10/14/99
Depth	2.5 to 5.5	2.5 to 5.5	2.5 to 5.5	2.5 to 5.5	2.5 to 5.5
Total Metals (mg/kg dry)					
Arsenic	3.7	4.2	2.5	2.1 U	3.5
Lead	4	8.7	3.7	1.7	8.8

Table B.19-1
Miscellaneous Sample Soil Metals Results

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	SA2-44-68	SA2-44-69	SA3-77-120	SA3-77-121	SA3-77-122
Date Sampled	10/14/99	10/14/99	10/13/99	10/13/99	10/13/99
Depth	2.5 to 5.5	2.5 to 5.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5
Total Metals (mg/kg dry)					
Arsenic	5.7	2.4	3.3	6.3	2 U
Lead	13	0.91 U	5.5	17	6.5

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	SA3-77-123	SA3-77-124	SA3-77-125	SA3-77-126	SA3-77-127
Date Sampled	10/13/99	10/13/99	10/13/99	10/13/99	10/13/99
Depth	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5
Total Metals (mg/kg dry)					
Arsenic	9.8	54	17	30	9.9
Lead	9.8	47	11	33	15

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	SA3-78-120	SA3-78-121	SA3-78-122	SA3-78-123	SA3-78-124
Date Sampled	10/13/99	10/13/99	10/13/99	10/13/99	10/13/99
Depth	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5
Total Metals (mg/kg dry)					
Arsenic	16	31	2.3	3.3	4.7
Lead	5.6	39	4.8	5.1	5.5

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	SA3-78-125	SA3-78-126	SA3-78-127	SA3-78-128	SA3-78-129
Date Sampled	10/13/99	10/13/99	10/13/99	10/13/99	10/13/99
Depth	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5
Total Metals (mg/kg dry)					
Arsenic	3.6	3.1	7.6	3.1	13
Lead	6.2	5.2	14	6.1	25

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	SA3-78-130	SA3-78-131	SA3-79-119	SA3-79-120	SA3-79-121
Date Sampled	10/13/99	10/13/99	10/13/99	10/13/99	10/13/99
Depth	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5
Total Metals (mg/kg dry)					
Arsenic	7.8	9.2	25	17	50
Lead	6.3	13	41	21	120

Table B.19-1
Miscellaneous Sample Soil Metals Results

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	SA3-79	SA3-79-123	SA3-79-124	SA3-79-125	SA3-79-126
Date Sampled	10/13/99	10/13/99	10/13/99	10/13/99	10/13/99
Depth	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5
Total Metals (mg/kg dry)					
Arsenic	11	28	15	3.3	6.8
Lead	17	51	30	4.5	15

Area	MISC	MISC	MISC	MISC	MISC
Sample ID	SA3-79-127	SA3-79-128	SA3-79-129	SA3-79-130	SA3-79-131
Date Sampled	10/14/99	10/14/99	10/14/99	10/14/99	10/14/99
Depth	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5
Total Metals (mg/kg dry)					
Arsenic	8.5	8.9	8.5	19	12
Lead	14	16	7.6	25	5.3

Area	MISC	MISC
Sample ID	SA3-79-132	SA3-79-133
Date Sampled	10/14/99	10/14/99
Depth	1.5 to 3.5	1.5 to 3.5
Total Metals (mg/kg dry)		
Arsenic	4	4.9
Lead	4.9	13

Table B.20-1
Area 5 - DNT Waste Drum Area Soil Metals Results

Area	5	5	5	5	5	5	5
Sample ID	01-N01-SS[NGRR-193]C2-005-DAVG	5D-VS-69	5-HA-513-S-1	5-HA-513-S-2	5-HA-514-S-1	5-HA-514-S-2	5-HA-515-S-1
Date Sampled	8/7/01	8/10/93	3/12/92	3/12/92	3/12/92	3/12/92	3/12/92
Depth	1.5 to 2	0 to 0.5	0 to 1	2 to 3	0 to 1	2 to 3	0 to 1
Total Metals (mg/kg)							
Arsenic	11	2.6					
Cadmium		0.16 J					
Chromium							
Copper							
Lead	59	5.4 U	73	51	51	21	24
Mercury (Inorganic)		0.08 U					
Nickel (soluble salts)							
Zinc and Compounds							

Area	5	5	5	5	5	5	5
Sample ID	5-HA-515-S-2	5-HA-516-S-1	5-HA-516-S-2	5-HA-517-S-1	5-HA-517-S-2	5-SS-401	5-SS-402
Date Sampled	3/12/92	3/12/92	3/12/92	3/12/92	3/12/92	11/2/93	11/2/93
Depth	2 to 3	0 to 1	2 to 3	0 to 1	2 to 3	0 to 0.5	0 to 0.5
Total Metals (mg/kg)							
Arsenic						7.3	37
Cadmium							
Chromium							
Copper							
Lead	13	13	5.5 U	5.4 U	5 U		
Mercury (Inorganic)							
Nickel (soluble salts)							
Zinc and Compounds							

Table B.20-1
Area 5 - DNT Waste Drum Area Soil Metals Results

Area	5	5	5	5	5	5	5	5	5	5	5	5	5
Sample ID	5-SS-403	5-SS-404	5-TP-511-S-3	5-TP-512-S-3	5-TP-513-S-3	5-VS-1	5-VS-100	5-VS-101	5-VS-102	5-VS-103	5-VS-104	5-VS-105	5-VS-106
Date Sampled	11/11/93	11/11/93	8/18/92	8/18/92	8/18/92	2/12/93	9/16/99	9/16/99	9/16/99	9/16/99	9/16/99	9/16/99	9/16/99
Depth	0 to 0.5	0 to 0.5	4 to 4.5	4 to 4.5	4 to 4.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	1 to 2.5	1 to 2.5	1 to 2.5	1 to 2.5
Total Metals (mg/kg)													
Arsenic	16	9.6	3.7	9.6	4.6	18	63	1.9	21	230	320	30	140
Cadmium			0.12	0.31	0.31								
Chromium			11 J	16 J	13 J								
Copper			17	69	12								
Lead			78	41	99	110	300	25	280	49	100	230	160
Mercury (inorganic)			0.087 U	0.084 U	0.38	3.3 J							
Nickel (soluble salts)			19 J	23 J	18 J								
Zinc and Compounds			49	74	170								

Area	5	5	5	5	5	5	5	5	5	5	5	5	5
Sample ID	5-VS-107	5-VS-108	5-VS-109	5-VS-11	5-VS-110	5-VS-111	5-VS-112	5-VS-113	5-VS-114	5-VS-115	5-VS-116	5-VS-120	5-VS-122
Date Sampled	9/16/99	9/16/99	9/16/99	2/12/93	9/16/99	9/16/99	9/16/99	9/16/99	9/16/99	9/16/99	9/16/99	9/16/99	9/30/99
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	1 to 2.5	1 to 2.5	1 to 2.5	1 to 2.5	1 to 2.5	1 to 2_5
Total Metals (mg/kg)													
Arsenic	21	90	60	11	130	18	81	370	190	220	94	120	490
Cadmium													
Chromium													
Copper													
Lead	71	170	130	43	1200	23	86	51	18	190	18	120	28
Mercury (inorganic)				0.35 J									
Nickel (soluble salts)													
Zinc and Compounds													

Table B.20-1
Area 5 - DNT Waste Drum Area Soil Metals Results

Area	5	5	5	5	5	5	5	5	5	5	5	5	5
Sample ID	5-VS-125	5-VS-126	5-VS-15	5-VS-17	5-VS-18	5-VS-19	5-VS-20-DAVG	5-VS-21	5-VS-22	5-VS-24	5-VS-25	5-VS-26	5-VS-28
Date Sampled	10/18/99	10/18/99	2/12/93	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93
Depth	1 to 2.5	1 to 2.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg)													
Arsenic	1,500	1,500	28	29	5.1	5.1	5	11	34	190	8.1	4.2	3.3
Cadmium				0.35	0.15	0.14	0.19	0.82	0.49	0.27	0.45	0.15	0.89
Chromium													
Copper													
Lead	4.7	22	210 J	330	19	31	24	36	580	680	110	7	5.3 U
Mercury (inorganic)			1.2 J	3.1 J	0.11 UJ	0.17 J	0.14 J	0.15 J	0.48 J	12 J	1 J	0.11 UJ	0.39 J
Nickel (soluble salts)													
Zinc and Compounds													

Area	5	5	5
Sample ID	5-VS-5	5-VS-9	5-VS-99
Date Sampled	2/12/93	2/12/93	9/16/99
Depth	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg)			
Arsenic	10	21	78
Cadmium	0.27 J		
Chromium			
Copper			
Lead	120	41	260
Mercury (inorganic)	0.36 J	0.14 J	
Nickel (soluble salts)			
Zinc and Compounds			

Table B.20-2
Area 5D - DNT Waste Drum Area Soil Metals Results

Area	5D	5D	5D	5D	5D	5D	5D
Sample ID	5D-TPS-13-S-3	5D-TPS-15-S-2	5D-TPS-16-S-3	5D-TPS-17-S-3	5D-TPS-19-S-2	5D-TPS-19-S-3	5D-TPS-6-S-3
Date Sampled	9/29/92	10/1/92	10/1/92	10/1/92	10/7/92	10/7/92	9/18/92
Depth	2 to 3.5	0 to 1	2 to 4	0 to 1.5	0 to 1	6 to 9	0 to 1
Total Metals (mg/kg)							
Aluminum					7700		
Antimony (metallic)					2.6 U		
Arsenic (inorganic)	1.6	2.2	2	2	5.5	3.7	3.6
Beryllium					0.1 U		
Cadmium	1.5	0.69 J	0.64 J	0.7 J	2.8	1.7	
Chromium					21		
Copper					24		
Lead (inorganic)	5 U	5.7 U	5.3 U	6.6	5.2 U	5.1 U	27
Mercury (inorganic)	0.083 U	0.11 U	0.097 U	0.1 U	0.11 U	0.1 U	0.42
Nickel (soluble salts)					12		
Selenium					0.27 U		
Silver					0.26 U		
Thallium					0.27 U		
Zinc and Compounds					24		

Area	5D	5D	5D	5D	5D	5D	5D
Sample ID	5D-TPS-7-S-3	5D-TPS-8-S-3	5D-TPS-9-S-3	5D-VS-10	5D-VS-11	5D-VS-15	5D-VS-17
Date Sampled	9/18/92	9/18/92	9/18/92	4/13/93	4/13/93	4/13/93	4/13/93
Depth	0 to 1	0 to 1.5	0 to 1	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg)							
Aluminum			18000				
Antimony (metallic)							
Arsenic (inorganic)	2.2	2	4.5	24	5.4	4.4	15
Beryllium							
Cadmium				0.091	0.24	0.14	0.29
Chromium							
Copper							
Lead (inorganic)	5.4 U	5.4 U	5.9 U	5.6 UJ	6.8 UJ	5.8 UJ	140 J
Mercury (inorganic)	0.095 U	0.076 U	0.082 U	0.1 U	0.12 U	0.1 U	0.34 J
Nickel (soluble salts)							
Selenium							
Silver							
Thallium							
Zinc and Compounds							

Table B.20-2
Area 5D - DNT Waste Drum Area Soil Metals Results

Area	5D	5D	5D	5D	5D	5D	5D	5D	5D	5D
Sample ID	5D-VS-18	5D-VS-2	5D-VS-21	5D-VS-23	5D-VS-26	5D-VS-27	5D-VS-32	5D-VS-35	5D-VS-36	5D-VS-4
Date Sampled	4/13/93	4/13/93	4/13/93	4/13/93	4/13/93	4/13/93	2/17/93	4/13/93	4/13/93	4/13/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg)										
Aluminum										
Antimony (metallic)										
Arsenic (inorganic)	3.5	3.2	28	8.8	3.7	5.6 J	18 J	2.9	17 J	3.7
Beryllium										
Cadmium	0.21	0.16	0.64	0.67	1.2	1.2	0.31 J	1.3	1.1	0.15
Chromium										
Copper										
Lead (inorganic)	5.8 UJ	11 J	260 J	89 J	5.6 U	68	52	5.3 U	100	7.7 J
Mercury (inorganic)	0.11 U	0.23 J	0.47 J	0.21 J	0.11 UJ	0.11 UJ	1.3 J	0.11 UJ	1.5 J	0.11 U
Nickel (soluble salts)										
Selenium										
Silver										
Thallium										
Zinc and Compounds										

Area	5D	5D	5D	5D	5D	5D	5D	5D	5D	5D
Sample ID	5D-VS-53	5D-VS-55	5D-VS-56	5D-VS-57	5D-VS-59-DAVG	5D-VS-6	5D-VS-60-DAVG	5D-VS-68	5D-VS-70-DAVG	5D-VS-71-DAVG
Date Sampled	4/13/93	4/13/93	4/13/93	4/13/93	4/13/93	4/13/93	8/10/93	8/10/93	8/10/93	8/10/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg)										
Aluminum										
Antimony (metallic)										
Arsenic (inorganic)	5.8	12	4.2	4.4	15	14	6.3	95	3.4	2.5
Beryllium										
Cadmium	0.078	0.31	0.12	0.089	1.5	0.63	0.24	0.79	0.11	0.095
Chromium										
Copper										
Lead (inorganic)	5.9	200	5.4	5.5 U	450	300 J	5.3 U	170	9.4	5.3 U
Mercury (inorganic)	0.11 U	0.82	0.11 U	0.11 U	0.43	3.6 J	0.11	2.1	0.11 U	0.1 U
Nickel (soluble salts)										
Selenium										
Silver										
Thallium										
Zinc and Compounds										

Table B.20-2
Area 5D - DNT Waste Drum Area Soil Metals Results

Area	5D	5D	5D	5D	5D	5D	5D	5D	5D
Sample ID	5D-VS-72	5D-VS-73	5D-VS-74	5D-VS-75	5D-VS-76	5D-VS-77	5D-VS-78	5D-VS-79	5D-VS-80-DAVG
Date Sampled	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg)									
Aluminum									
Antimony (metallic)									
Arsenic (inorganic)	3.3	11	6.3	95	1.4	5.5	6.6	2.4	5.6
Beryllium									
Cadmium	0.25	0.21	0.2	1	5.3	2	0.28	0.24	0.39
Chromium									
Copper									
Lead (inorganic)	46	38	9.9	5.3 U	5.8 U	12	5 U	5.4 U	5.2 U
Mercury (inorganic)	1.4	0.49	0.11 U	0.1 U	0.11 U	0.07	0.08 U	0.16	0.25
Nickel (soluble salts)									
Selenium									
Silver									
Thallium									
Zinc and Compounds									

Area	5D	5D	5D	5D	5D	5D	5D	5D	5D
Sample ID	5D-VS-81	5D-VS-82	5D-VS-83	5D-VS-84	5D-VS-85	5D-VS-86	5D-VS-87	5D-VS-88	5D-VS-89-DAVG
Date Sampled	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg)									
Aluminum									
Antimony (metallic)									
Arsenic (inorganic)	6.3	26	35	9.8	33	17	12	12	17
Beryllium									
Cadmium	0.19	1.4	0.83	1.5	0.16	0.19	0.17	0.25	6.6
Chromium									
Copper									
Lead (inorganic)	5.3 U	110	150	18	120	110	70	290	49
Mercury (inorganic)	0.11 U	0.16	1.7	0.09 U	0.88	3.7	4.4	3.5	0.5
Nickel (soluble salts)									
Selenium									
Silver									
Thallium									
Zinc and Compounds									

Table B.20-2
Area 5D - DNT Waste Drum Area Soil Metals Results

Area	5D	5D	5D	5D	5D
Sample ID	5D-VS-90-DAVG	5D-VS-91	5D-VS-92	5D-VS-93	5D-VS-94
Date Sampled	9/7/93	9/7/93	9/7/93	9/7/93	9/7/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg)					
Aluminum					
Antimony (metallic)					
Arsenic (inorganic)	12	25	50	5 2	8 6
Beryllium					
Cadmium	1.5	0 8	0 74	0 12 J	0 053 J
Chromium					
Copper					
Lead (inorganic)	60	210	310	54	54
Mercury (inorganic)	2.8 J	3.3 J	4.3 J	0.11 U	1.6 J
Nickel (soluble salts)					
Selenium					
Silver					
Thallium					
Zinc and Compounds					

Area	5D	5D	5D	5D
Sample ID	5D-VS-95	5D-VS-96	5D-VS-97	5D-VS-98
Date Sampled	9/7/93	9/7/93	9/7/93	9/7/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg)				
Aluminum				
Antimony (metallic)				
Arsenic (inorganic)	140	9.4	10	31
Beryllium				
Cadmium	1.2	0.12 J	0.99	0.14 J
Chromium				
Copper				
Lead (inorganic)	2300	140	120	110
Mercury (inorganic)	130 J	1.3 J	2.8 J	3.9 J
Nickel (soluble salts)				
Selenium				
Silver				
Thallium				
Zinc and Compounds				

Table B.20-3
Area 5 / 5D - DNT Waste Drum Area Soil Explosives Results

Area	5D		5D		5D		5D		5D		5D	
Sample ID	5D-TPS-11-S-3		5D-TPS-12-S-3		5D-TPS-13-S-3		5D-TPS-15-S-3		5D-TPS-16-S-3		5D-TPS-17-S-3	
Date Sampled	9/29/92		9/29/92		9/29/92		10/1/92		10/1/92		10/1/92	
Depth	0 to 1		0 to 1		2 to 3.5		4.5 to 5.5		2 to 4		0 to 1.5	
Explosives (mg/kg)												
1,3-Dinitrobenzene	0.043	U	0.043	U	0.042	U	0.042	U	0.042	U	0.042	U
2,4-Dinitrotoluene	0.0064	U	0.0065	U	0.0063	U	0.0063	U	0.0063	U	0.02	
2,6-Dinitrotoluene	0.0064	U	0.0065	U	0.0063	U	0.0063	U	0.0063	U	0.081	
DNT - Total	0.0128	U	0.013	U	0.0126	U	0.0126	U	0.0126	U	0.101	
Monomethylamine Nitrate												
Nitrobenzene	0.064	U	0.064	U	0.062	U	0.062	U	0.062	U	0.063	U
Nitroglycerine												
1,3,5-Trinitrobenzene	0.032	U	0.032	U	0.031	U	0.031	U	0.031	U	0.032	U
2,4,6-Trinitrotoluene	0.0032	U	0.0032	U	0.0031	U	0.0031	U	0.0031	U	0.0032	U

Area	5D		5D		5D		5D		5D		5D	
Sample ID	5D-TPS-18-S-4		5D-TPS-19-S-2		5D-TPS-19-S-3		5D-TPS-21-S-2-DAVG		5D-TPS-21-S-3		5D-TPS-6-S-3	
Date Sampled	10/7/92		10/7/92		10/7/92		10/7/92		10/7/92		9/18/92	
Depth	0 to 1		0 to 1		6 to 9		0.5 to 1.5		3 to 4		0 to 1	
Explosives (mg/kg)												
1,3-Dinitrobenzene	0.043	U	0.042	U	0.042	U	0.045	U	0.044	U	0.23	U
2,4-Dinitrotoluene	0.0064	U	0.0063	U	0.019		0.0067	U	0.0066	U	0.3	
2,6-Dinitrotoluene	0.0064	U	0.0063	U	0.0063	U	0.0067	U	0.0066	U	0.08	
DNT - Total	0.0128	U	0.0126	U	0.02215		0.0134	U	0.0132	U	0.38	
Monomethylamine Nitrate												
Nitrobenzene	0.064	U	0.063	U	0.063	U	0.067	U	0.066	U	0.34	U
Nitroglycerine												
1,3,5-Trinitrobenzene	0.032	U	0.032	U	0.032	U	0.034	U	0.033	U	0.17	U
2,4,6-Trinitrotoluene	0.0032	U	0.0032	U	0.0032	U	0.0034	U	0.0033	U	0.017	U

Area	5D		5D		5D		5D		5D		5D	
Sample ID	5D-TPS-7-S-3		5D-VS-14		5D-VS-32		5D-VS-90-DAVG		5D-VS-91		5D-VS-92	
Date Sampled	9/18/92		2/17/93		2/17/93		9/7/93		9/7/93		9/7/93	
Depth	0 to 1		0 to 0.5		0 to 0.5		0 to 0.5		0 to 0.5		0 to 0.5	
Explosives (mg/kg)												
1,3-Dinitrobenzene	0.089	U	0.43	U	0.082	U	0.044	U	0.087	U	0.043	U
2,4-Dinitrotoluene	0.013	U	0.16		0.03		0.046		0.013	U	0.011	
2,6-Dinitrotoluene	0.013	U	0.11		0.0051	J	0.015		0.013	U	0.007	U
DNT - Total	0.026	U	0.27		0.0351		0.061		0.026	U	0.0145	
Monomethylamine Nitrate												
Nitrobenzene	0.13	U	0.63	U	0.12	U	0.066	U	0.13	U	0.065	U
Nitroglycerine												
1,3,5-Trinitrobenzene	0.067	U	0.32	U	0.062	U	0.033	U	0.066	U	0.033	U
2,4,6-Trinitrotoluene	0.0067	U	0.082		0.0062	U	0.0033	U	0.0066	U	0.0033	U

Table B.20-3
Area 5 / 5D - DNT Waste Drum Area Soil Explosives Results

Area	5D	5D	5D	5D	5D	5D
Sample ID	5D-VS-93	5D-VS-94	5D-VS-95	5D-VS-96	5D-VS-97	5D-VS-98
Date Sampled	9/7/93	9/7/93	9/7/93	9/7/93	9/7/93	9/7/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Explosives (mg/kg)						
1,3-Dinitrobenzene	0.042 U	0.083 UJ	0.084 UJ	0.044 UJ	0.44 U	0.042 U
2,4-Dinitrotoluene	0.041	0.012 UJ	0.013 UJ	0.007 UJ	0.066 U	0.006 U
2,6-Dinitrotoluene	0.006 U	0.012 UJ	0.013 UJ	0.007 UJ	0.066 U	0.011
DNT - Total	0.044	0.024 U	0.026 U	0.014 U	0.132 U	0.014
Monomethylamine Nitrate						
Nitrobenzene	0.063 U	0.12 UJ	0.13 UJ	0.066 UJ	0.65 U	0.062 U
Nitroglycerine						
1,3,5-Trinitrobenzene	0.032 U	0.062 UJ	0.063 UJ	0.033 UJ	0.33 U	0.031 U
2,4,6-Trinitrotoluene	0.0032 U	0.0062 UJ	0.0063 UJ	0.0033 UJ	0.033 U	0.0031 U

Area	5	5	5	5	5	5
Sample ID	5-HA-513-S-1	5-HA-513-S-2	5-HA-514-S-1	5-HA-514-S-2	5-HA-515-S-1	5-HA-515-S-2
Date Sampled	3/12/92	3/12/92	3/12/92	3/12/92	3/12/92	3/12/92
Depth	0 to 1	2 to 3	0 to 1	2 to 3	0 to 1	2 to 3
Explosives (mg/kg)						
1,3-Dinitrobenzene						
2,4-Dinitrotoluene						
2,6-Dinitrotoluene						
DNT - Total						
Monomethylamine Nitrate	6.3 U	6 U	5.7 U	5.6 U	5.8 U	5.8 U
Nitrobenzene						
Nitroglycerine						
1,3,5-Trinitrobenzene						
2,4,6-Trinitrotoluene						

Area	5	5	5	5
Sample ID	5-HA-516-S-1	5-HA-516-S-2	5-HA-517-S-1	5-HA-517-S-2
Date Sampled	3/12/92	3/12/92	3/12/92	3/12/92
Depth	0 to 1	2 to 3	0 to 1	2 to 3
Explosives (mg/kg)				
1,3-Dinitrobenzene				
2,4-Dinitrotoluene				
2,6-Dinitrotoluene				
DNT - Total				
Monomethylamine Nitrate	5.9 U	5.6 U	5.4 U	5.2 U
Nitrobenzene				
Nitroglycerine				
1,3,5-Trinitrobenzene				
2,4,6-Trinitrotoluene				

Table B.20-4
Area 5 - DNT Waste Drum Area Soil VOC Results

Area	5D
Sample ID	5D-VS-10
Date Sampled	4/13/93
Depth	0 to 0.5
VOCs (mg/kg)	
Bromodichloromethane	0.011 U
Bromoform	0.011 U
Bromomethane	0.054 U
Carbon Tetrachloride	0.011 U
Chlorobenzene	0.027 U
Chloroform	0.011 U
Chloromethane	0.11 U
Dibromochloromethane	0.011 U
1,1-Dichloroethane	0.011 U
1,2-Dichloroethane	0.011 U
1,1-Dichloroethene	0.011 U
Dichloromethane	0.11 U
1,2-Dichloropropane	0.011 U
Cis-1,3-Dichloropropene	0.011 U
Trans-1,3-Dichloropropene	0.011 U
Ethyl Chloride	0.054 U
1,1,2,2-Tetrachloroethane	0.011 U
Tetrachloroethene	0.011 U
1,1,1-Trichloroethane	0.011 U
1,1,2-Trichloroethane	0.011 U
Trichloroethylene	0.011 U
Vinyl Chloride	0.054 U
Halogenated VOCs (mg/kg)	
1,2 - Dibromoethane	0.027 U
cis-Dichloroethene	0.011 U
trans-Dichloroethene	0.011 U
Trichlorofluoromethane	0.027 U

Table B.20-5
Area 5 /5D- DNT Waste Drum Area Soil SVOC Results

Area	5D	5D
Sample ID	5D-TPS-6-S-3	5D-VS-10
Date Sampled	9/18/92	4/13/93
Depth	0 to 1	0 to 0.5
SVOCs (mg/kg)		
Aniline	0.19 U	
Benzidine	1.9 U	
Benzoic Acid	0.97 U	
Benzyl Alcohol	0.19 U	
Bis(2-Chloroethoxy)methane	0.19 U	
Bis(2-Chloroisopropyl)ether	0.19 U	
Bis(2-ethylhexyl)Phthalate (DEHP)	0.19 U	
Bis(Chloroethyl)ether	0.19 U	
4-Bromodiphenyl ether	0.19 U	
N-Butyl Benzyl Phthalate	0.19 U	
4-Chloroaniline	0.19 U	
2-Chloronaphthalene	0.19 U	
2-Chlorophenol	0.19 U	
4-Chlorophenyl-phenyl ether	0.19 U	
Dibenzofuran	0.19 U	
Dibutyl Phthalate	0.19 U	
1,2-Dichlorobenzene	0.19 U	0.027 U
1,3-Dichlorobenzene,	0.19 U	0.027 U
1,4-Dichlorobenzene	0.19 U	0.027 U
3,3-Dichlorobenzidine	0.39 U	
2,4-Dichlorophenol	0.19 U	
Diethyl Phthalate	0.19 U	
Dimethyl Phthalate	0.19 U	
2,4-Dimethylphenol	0.19 U	
4,6-Dinitro-o-Cresol	0.97 U	
2,4-Dinitrophenol	0.97 U	
Di-N-Octylphthalate	0.19 U	
Hexachlorobenzene	0.19 U	
Hexachlorobutadiene	0.19 U	
Hexachlorocyclopentadiene	0.19 U	
Hexachloroethane	0.19 U	
Isophorone	0.19 U	
2-Methylphenol	0.19 U	
4-Methylphenol	0.19 U	
2-Nitroaniline	0.97 U	
3-Nitroaniline	0.97 U	
4-Nitroaniline	0.97 U	
2-Nitrophenol	0.19 U	
4-Nitrophenol	0.97 U	
N-Nitrosodimethylamine	0.19 U	
N-Nitrosodi-N-propylamine	0.19 U	
N-Nitrosodiphenylamine	0.19 U	
Pentachlorophenol	0.19 U	
Phenol	0.19 U	
1,2,4-Trichlorobenzene	0.19 U	
2,4,5-Trichlorophenol	0.97 U	
2,4,6-Trichlorophenol	0.19 U	

Table B.20-6
Area 5 - DNT Waste Drum Area Soil PAH Results

Area	5D	5D	5D	5D	5D	5D	5D	5D	5D
Sample ID	5D-TPS-6-S-3	5D-VS-82	5D-VS-83	5D-VS-86	5D-VS-87	5D-VS-88	5D-VS-91	5D-VS-95	5D-VS-96
Date Sampled	9/18/92	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93	9/7/93	9/7/93	9/7/93
Depth	0 to 1	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
PAH (mg/kg)									
Benzo(a)Anthracene	0.19 U	0.018 U	0.42	0.39	0.7	0.22	0.056	0.45	0.084
Benzo(a)Pyrene	0.19 U	0.17	0.35	0.43	0.18	0.34	0.096 U	0.018 U	0.076
Benzo(b)Fluoranthene	0.19 U	0.19	0.18 U	0.44	0.28	0.18 U	0.12	0.48	0.099
Benzo(k)Fluoranthene	0.19 U	0.068	0.18 U	0.22	0.21	0.18	0.047	0.2	0.046
Chrysene	0.049 J	0.054	0.18 U	0.44	0.69	0.18 U	0.045	0.42	0.09
Dibenz(a,h)anthracene	0.19 U	0.036 U	0.37 U	0.35 U	0.039	0.36 U	0.029 U	0.036 U	0.009 U
Indeno(1,2,3-cd)pyrene	0.19 U	0.11	0.18 U	0.26	0.17	0.19	0.062	0.28	0.057
Total Carcinogenic PAHS (BaP TEQs)	0.219499	0.219634	0.59599	0.71664	0.33679	0.57189	0.086815	0.15042	0.10505
Methylnaphthalene, 2-	0.19 U								
Acenaphthene	0.19 U	0.18 U	1.8 U	1.7 U	0.17 U	1.8 U	0.18 U	0.18 U	0.19 U
Acenaphthylene	0.19 U	0.18 U	1.8 U	1.7 U	0.17 U	1.8 U	0.18 U	0.18 U	0.19 U
Anthracene	0.19 U	0.056	0.091 U	0.084 U	0.16	0.088 U	0.0034 U	0.047	0.0053 U
Benzo(g,h,i)Perylene	0.04 J	0.12	0.3	0.19	0.26	0.18 U	0.047	0.26	0.025
Fluoranthene	0.19 U	0.39	0.18 U	0.17 U	1.3	0.18 U	0.14	1.1	0.22
Fluorene	0.19 U	0.023	0.18 U	0.17 U	0.017 U	0.18 U	0.018 U	0.018 U	0.019 U
Naphthalene	0.19 U	0.088 U	0.91 U	0.84 U	0.085 U	0.88 U	0.091 U	0.088 U	0.093 U
Phenanthrene	0.067 J	0.29	0.091 U	0.084 U	0.23	0.088 U	0.027	0.38	0.039
Pyrene	0.065 J	0.24	0.18 U	0.17 U	0.34	0.18 U	0.059	0.51	0.094
PAH (Non-Carc) - Total	0.837	1.343	2.916	2.649	2.511	5.376 U	0.5092	2.53	0.62665

Table B.20-7
Area 5 - DNT Waste Drum Area Soil Pesticide Results

Area	5D		5D	
Sample ID	5D-TPS-19-S-2		5D-TPS-6-S-3	
Date Sampled	10/7/92		9/18/92	
Depth	0 to 1		0 to 1	
Pesticides (mg/kg)				
Aldrin	0.0053	U	0.0058	U
Chlordane	0.053	U	0.058	U
DDD (p,p'-Dichlorodiphenyldichloroethane)	0.011	U	0.012	U
DDE (p,p'-Dichlorodiphenyldichloroethyle)	0.011	U	0.012	U
DDT (p,p'-Dichorodiphenyltrichloroethane)	0.011	U	0.012	U
Dieldrin	0.011	U	0.012	U
Endosulfan I	0.0053	U	0.0058	U
Endosulfan II	0.011	U	0.012	U
Endosulfan Sulfate	0.011	U	0.012	U
Endrin	0.011	U	0.012	U
Endrin Ketone	0.011	U	0.012	U
Heptachlor	0.0053	U	0.0058	U
Heptachlor Epoxide	0.0053	U	0.0058	U
alpha-Hexachlorocyclohexane	0.0053	U	0.0058	U
beta-Hexachlorocyclohexane	0.0053	U	0.0058	U
delta-Hexachlorocyclohexane	0.0053	U	0.0058	U
gamma-Hexachlorocyclohexane	0.0053	U	0.0058	U
Methoxychlor	0.053	U	0.058	U
Toxaphene	0.11	U	0.12	U

Table B.20-8
Area 5 - DNT Waste Drum Area Soil PCB Results

Area	5D		5D	
Sample ID	5D-TPS-19-S-2		5D-TPS-6-S-3	
Date Sampled	10/7/92		9/18/92	
Depth	0 to 1		0 to 1	
PCBs (mg/kg)				
Aroclor 1016	0.11	U	0.12	U
Aroclor 1221	0.11	U	0.12	U
Aroclor 1232	0.11	U	0.12	U
Aroclor 1242	0.11	U	0.12	U
Aroclor 1248	0.11	U	0.12	U
Aroclor 1254	0.11	U	0.12	U
Aroclor 1260	0.11	U	0.12	U

Table B.20-9
Area 5 - DNT Waste Drum Area Soil TPH Results

Area	5D	5D	5D	5D	5D	5D
Sample ID	5D-TPS-12-S-3	5D-TPS-15-S-2	5D-TPS-16-S-3	5D-TPS-17-S-3	5D-TPS-18-S-4	5D-TPS-21-S-2-DAVG
Date Sampled	9/29/92	10/1/92	10/1/92	10/1/92	10/7/92	10/7/92
Depth	0 to 1	0 to 1	2 to 4	0 to 1.5	0 to 1	0.5 to 1.5
TPH (mg/kg)						
TPH	25 U	38	42	14	25 U	25 U

Area	5D	5D	5D	5D	5D	5D
Sample ID	5D-TPS-6-S-3	5D-TPS-7-S-3	5D-VS-10	5D-VS-11	5D-VS-15	5D-VS-17
Date Sampled	9/18/92	9/18/92	4/13/93	4/13/93	4/13/93	4/13/93
Depth	0 to 1	0 to 1	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TPH (mg/kg)						
TPH	31	25 U	21 U	24 U	35	140

Area	5D	5D	5D	5D	5D	5D
Sample ID	5D-VS-18	5D-VS-2	5D-VS-21	5D-VS-23	5D-VS-26	5D-VS-27
Date Sampled	4/13/93	4/13/93	4/13/93	4/13/93	4/13/93	4/13/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TPH (mg/kg)						
TPH	22 U	22 U	160	110	23 U	140

Table B.20-9
Area 5 - DNT Waste Drum Area Soil TPH Results

Area	5D	5D	5D	5D	5D	5D	5D	5D	5D	5D
Sample ID	5D-VS-32	5D-VS-35	5D-VS-36	5D-VS-4	5D-VS-53	5D-VS-55	5D-VS-56	5D-VS-57	5D-VS-59-DAVG	5D-VS-6
Date Sampled	2/17/93	4/13/93	4/13/93	4/13/93	4/13/93	4/13/93	4/13/93	4/13/93	4/13/93	4/13/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TPH (mg/kg)										
TPH	36	21 U	90	22 U	27	140	42	22 U	86 J	190

Area	5D	5	5D	5D	5D	5D	5D	5D	5D	5D
Sample ID	5D-VS-68	5D-VS-69	5D-VS-70-DAVG	5D-VS-71-DAVG	5D-VS-72	5D-VS-73	5D-VS-74	5D-VS-75	5D-VS-76	5D-VS-77
Date Sampled	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TPH (mg/kg)										
TPH	45	21 U	22 U	20 U	110	21 U	22 U	22 U	22 U	33

Area	5D	5D	5D	5D	5D	5D	5D	5D	5D	5D
Sample ID	5D-VS-79	5D-VS-80-DAVG	5D-VS-81	5D-VS-82	5D-VS-83	5D-VS-84	5D-VS-85	5D-VS-86	5D-VS-87	5D-VS-88
Date Sampled	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TPH (mg/kg)										
TPH	21 U	21 U	21 U	380	520	21 U	60	1900	1500	750

Table B.20-9
Area 5 - DNT Waste Drum Area Soil TPH Results

Area	5D	5D	5D	5D	5D	5D	5D	5D	5D	5D
Sample ID	5D-VS-89-DAVG	5D-VS-90-DAVG	5D-VS-91	5D-VS-92	5D-VS-93	5D-VS-94	5D-VS-95	5D-VS-96	5D-VS-97	5D-VS-98
Date Sampled	8/10/93	9/7/93	9/7/93	9/7/93	9/7/93	9/7/93	9/7/93	9/7/93	9/7/93	9/7/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TPH (mg/kg)										
TPH	24 U	190	320	140	22	270	740	630	280	160

Area	5D	5	5	5	5	5	5	5	5	5
Sample ID	5D-VS-78	5-TP-511-S-3	5-TP-512-S-3	5-TP-513-S-3	5-VS-1	5-VS-11	5-VS-15	5-VS-17	5-VS-18	5-VS-19
Date Sampled	8/10/93	8/18/92	8/18/92	8/18/92	2/12/93	2/12/93	2/12/93	8/10/93	8/10/93	8/10/93
Depth	0 to 0.5	4 to 4.5	4 to 4.5	4 to 4.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TPH (mg/kg)										
TPH	21 U	25 U	29	40	57	53	430	21 U	21 U	20 U

Area	5D	5	5	5	5	5	5	5	5	5
Sample ID	5D-VS-60-DAVG	5-VS-20-DAVG	5-VS-21	5-VS-22	5-VS-24	5-VS-25	5-VS-26	5-VS-28	5-VS-5	5-VS-9
Date Sampled	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93	8/10/93	2/12/93	2/12/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TPH (mg/kg)										
TPH	21 U	21 U	21 U	38	27	21 U	21 U	21 U	170	93

Table B.21-1
Area 8 - Bunker C Pipeline Soil Metals Results

Area	8	8	8
Sample ID	**SA1-29-48**	**SA1-30-48**	**01-N01-SS[NGRR-275]C2-005**
Date Sampled	**10/14/99**	**10/14/99**	**8/13/01**
Depth	**3 to 6.5**	**3 to 6.5**	**1.5 to 2**
Arsenic (mg/kg)			
Arsenic	2.2	4.2	19
Lead (mg/kg)			
Lead	12	46	22

Table B.21-2
Area 8 - Bunker C Pipeline Soil Explosives Results

Area	8
Sample ID	8-BS-1-S-7
Date Sampled	6/9/92
Depth	32.5 to 34
Explosives (mg/kg)	
2,4-Dinitrotoluene	1.7 U
2,6-Dinitrotoluene	1.7 U
DNT - Total	3.4 U
Nitrobenzene	1.7 U

Table B.21-3
Area 8 - Bunker C Pipeline Soil VOC Results

Area	8	8
Sample ID	8-TPS-04-S-1	8-TPS-04-S-2
Date Sampled	1/31/92	1/31/92
Depth	14.5 to 15	16.5 to 17
VOCs (mg/kg)		
Acetone	1 U	1 U
Benzene	0.05 U	0.05 U
Bromodichloromethane	0.05 U	0.05 U
Bromoform	0.25 U	0.25 U
Bromomethane	0.5 U	0.5 U
Carbon Disulfide	0.05 U	0.05 U
Carbon Tetrachloride	0.05 U	0.05 U
Chlorobenzene	0.05 U	0.05 U
Chloroform	0.05 U	0.05 U
Chloromethane	0.5 U	0.5 U
Dibromochloromethane	0.05 U	0.05 U
1,1-Dichloroethane	0.05 U	0.05 U
1,2-Dichloroethane	0.05 U	0.05 U
1,1-Dichloroethene	0.05 U	0.05 U
1,2-Dichloroethylene (Mixed Isomers)	0.05 U	0.05 U
Dichloromethane	0.25 U	0.25 U
1,2-Dichloropropane	0.05 U	0.05 U
Cis-1,3-Dichloropropene	0.05 U	0.05 U
Trans-1,3-Dichloropropene	0.05 U	0.05 U
Ethyl Benzene	0.05 U	0.05 U
Ethyl Chloride	0.05 U	0.05 U
2-Hexanone	0.5 U	0.5 U
Methyl Ethyl Ketone	0.5 U	0.5 U
Methyl Isobutyl Ketone	0.5 U	0.5 U
Styrene	0.05 U	0.05 U
1,1,2,2-Tetrachloroethane	0.05 U	0.05 U
Tetrachloroethene	0.05 U	0.05 U
Toluene	0.05 U	0.05 U
1,1,1-Trichloroethane	0.05 U	0.05 U
1,1,2-Trichloroethane	0.05 U	0.05 U
Trichloroethylene	0.05 U	0.05 U
Vinyl Acetate	0.5 U	0.5 U
Vinyl Chloride	0.05 U	0.05 U
Xylenes	0.05 U	0.05 U

Table B.21-4
Area 8 - Bunker C Pipeline Soil SVOC Results

Area	8
Sample ID	8-BS-1-S-7
Date Sampled	6/9/92
Depth	32.5 to 34
SVOCs (mg/kg)	
Aniline	1.7 U
Benzidine	17 U
Benzoic Acid	8.3 U
Benzyl Alcohol	1.7 U
Bis(2-Chloroethoxy)methane	1.7 U
Bis(2-Chloroisopropyl)ether	1.7 U
Bis(2-ethylhexyl)Phthalate (DEHP)	1.7 U
Bis(Chloroethyl)ether	1.7 U
4-Bromodiphenyl ether	1.7 U
N-Butyl Benzyl Phthalate	1.7 U
4-Chloroaniline	1.7 U
2-Chloronaphthalene	1.7 U
2-Chlorophenol	1.7 U
4-Chlorophenyl-phenyl ether	1.7 U
Dibenzofuran	1.7 U
Dibutyl Phthalate	1.7 U
1,2-Dichlorobenzene	1.7 U
1,3-Dichlorobenzene,	1.7 U
Dichlorobenzene, 1,4-	1.7 U
3,3-Dichlorobenzidine	3.3 U
2,4-Dichlorophenol	1.7 U
Diethyl Phthalate	1.7 U
Dimethyl Phthalate	1.7 U
2,4-Dimethylphenol	1.7 U
4,6-Dinitro-o-Cresol	8.3 U
2,4-Dinitrophenol	8.3 U
Di-N-Octylphthalate	1.7 U
Hexachlorobenzene	1.7 U
Hexachlorobutadiene	1.7 U
Hexachlorocyclopentadiene	1.7 U
Hexachloroethane	1.7 U
Isophorone	1.7 U
2-Methylphenol	1.7 U
4-Methylphenol	1.7 U
2-Nitroaniline	8.3 U
3-Nitroaniline	8.3 U
4-Nitroaniline	8.3 U
2-Nitrophenol	1.7 U
4-Nitrophenol	8.3 U
N-Nitrosodimethylamine	1.7 U
N-Nitrosodi-N-propylamine	1.7 U
N-Nitrosodiphenylamine	1.7 U
Pentachlorophenol	1.7 U
Phenol	1.7 U
1,2,4-Trichlorobenzene	1.7 U
2,4,5-Trichlorophenol	8.3 U
2,4,6-Trichlorophenol	1.7 U

Table B.21-5
Area 8 - Bunker C Pipeline Soil PAH Results

Area	8	8	8	8	8	8	8
Sample ID	8-BS-1-S-4	8-BS-1-S-7	8-TP-7-S-4	8-VS-41	8-VS-42	8-VS-43	8-VS-44
Date Sampled	6/9/92	6/9/92	5/27/92	6/23/93	6/23/93	6/23/93	6/23/93
Depth	17.5 to 19	32.5 to 34	19 to 20	15 to 15.5	15 to 15.5	15 to 15.5	12 to 13
PAH (mg/kg)							
Benzo(a)Anthracene	0.019 U	0.018 U	0.018	0.018 U	0.018 U	0.019 U	0.018 U
Benzo(a)Pyrene	0.019 U	0.018 U	0.018 U	0.018 U	0.018 U	0.019 U	0.018 U
Benzo(b)Fluoranthene	0.019 U	0.018 U	0.018 U	0.018 U	0.018 U	0.019 U	0.018 U
Benzo(k)Fluoranthene	0.019 U	0.018 U	0.018 U	0.018 UJ	0.018 UJ	0.019 UJ	0.018 UJ
Chrysene	0.019 U	0.018 U	0.018 U	0.018 U	0.018 U	0.019 U	0.018 U
Dibenz(a,h)anthracene	0.039 U	0.037 U	0.036 U	0.036 UJ	0.037 UJ	0.039 UJ	0.037 UJ
Indeno(1,2,3-cd)pyrene	0.019 U	0.018 U	0.018 U	0.018 UJ	0.018 UJ	0.019 UJ	0.018 UJ
Total Carcinogenic PAHS (BaP TEQs)	0.063909 U	0.060598 U	0.030699	0.059598 U	0.060598 U	0.063909 U	0.060598 U
2-Methylnaphthalene		1.7 U					
Acenaphthene	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.19 U	0.18 U
Acenaphthylene	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.19 U	0.18 U
Anthracene	0.0095 U	0.0091 U	0.0088 U	0.0089 U	0.009 U	0.0095 U	0.0089 U
Benzo(g,h,i)Perylene	0.18	0.21	0.14	0.018 U	0.018 U	0.019 U	0.018 U
Fluoranthene	0.019 U	0.36 J	0.018 U	0.018 U	0.018 U	0.019 U	0.018 U
Fluorene	0.019 U	0.018 U	0.018 U	0.018 U	0.018 U	0.019 U	0.018 U
Naphthalene	0.095 U	0.091 U	0.088 U	0.089 U	0.09 U	0.095 U	0.089 U
Phenanthrene	0.0095 U	0.54 J	0.0088 U	0.0089 U	0.009 U	0.0095 U	0.0089 U
Pyrene	0.019 U	0.018 U	0.018 U	0.018 UJ	0.018 UJ	0.019 UJ	0.018 UJ
PAH (Non-Carc) - Total	0.4555	2.20805	0.3998	0.5388 U	0.54 U	0.57 U	0.5388 U

Table B.21-5
Area 8 - Bunker C Pipeline Soil PAH Results

Area	8	8	8	8	8
Sample ID	8-VS-45	8-VS-46	8-VS-47	8-VS-48	8-VS-49
Date Sampled	6/23/93	6/23/93	6/23/93	6/23/93	6/23/93
Depth	9 to 10	13 to 14	15 to 15.5	12 to 13	12 to 13
PAH (mg/kg)					
Benzo(a)Anthracene	0.017 U	0.017 U	0.017 U	0.018 U	0.018 U
Benzo(a)Pyrene	0.017 U	0.017 U	0.017 U	0.018 U	0.018 U
Benzo(b)Fluoranthene	0.017 U	0.017 U	0.017 U	0.018 U	0.018 U
Benzo(k)Fluoranthene	0.017 UJ	0.017 UJ	0.017 UJ	0.018 UJ	0.018 UJ
Chrysene	0.017 U	0.017 U	0.017 U	0.018 U	0.018 U
Dibenz(a,h)anthracene	0.036 UJ	0.036 UJ	0.036 UJ	0.036 UJ	0.037 UJ
Indeno(1,2,3-cd)pyrene	0.017 UJ	0.017 UJ	0.017 UJ	0.018 UJ	0.018 UJ
Total Carcinogenic PAHS (BaP TEQs)	0.058287 U	0.058287 U	0.058287 U	0.059598 U	0.060598 U
2-Methylnaphthalene					
Acenaphthene	0.17 U	0.17 U	0.17 U	0.18 U	0.18 U
Acenaphthylene	0.17 U	0.17 U	0.17 U	0.18 U	0.18 U
Anthracene	0.0087 U	0.0087 U	0.0087 U	0.0088 U	0.0089 U
Benzo(g,h,i)Perylene	0.017 U	0.017 U	0.017 U	0.018 U	0.018 U
Fluoranthene	0.017 U	0.017 U	0.017 U	0.018 U	0.018 U
Fluorene	0.017 U	0.017 U	0.017 U	0.018 U	0.018 U
Naphthalene	0.087 U	0.087 U	0.087 U	0.088 U	0.089 U
Phenanthrene	0.0087 U	0.0087 U	0.0087 U	0.0088 U	0.0089 U
Pyrene	0.017 UJ	0.017 UJ	0.017 UJ	0.018 UJ	0.018 UJ
PAH (Non-Carc) - Total	0.5124 U	0.5124 U	0.5124 U	0.5376 U	0.5388 U

Table B.21-5
Area 8 - Bunker C Pipeline Soil PAH Results

Area	8	8	8	8	8
Sample ID	8-VS-50	8-VS-51	8-VS-59	8-VS-61	S-10
Date Sampled	6/23/93	6/23/93	7/12/93	7/12/93	1/28/92
Depth	15 to 15.5	15 to 15.5	15 to 15.5	37 to 38	15.5 to 16
PAH (mg/kg)					
Benzo(a)Anthracene	0.018 U	0.017 U	0.93 U	0.019 U	0.0036 U
Benzo(a)Pyrene	0.018 U	0.017 U	0.93 U	0.019 U	0.0036 U
Benzo(b)Fluoranthene	0.018 U	0.017 U	0.93 U	0.019 U	0.0036 U
Benzo(k)Fluoranthene	0.018 UJ	0.017 UJ	0.93 U	0.082	0.0036 U
Chrysene	0.018 U	0.017 U	0.93 U	0.019 U	0.0036 U
Dibenz(a,h)anthracene	0.036 UJ	0.035 UJ	1.9 U	0.19	0.0071 U
Indeno(1,2,3-cd)pyrene	0.018 UJ	0.017 UJ	1.1	0.1	0.0036 U
Total Carcinogenic PAHS (BaP TEQs)	0.059598 U	0.057287 U	1.623115	0.2122295	0.0118196 U
2-Methylnaphthalene					
Acenaphthene	0.18 U	0.17 U	9.3 U	0.19 U	0.036 U
Acenaphthylene	0.18 U	0.17 U	9.3 U	0.19 U	0.036 U
Anthracene	0.0088 U	0.0086 U	0.46 U	0.0094 U	0.0018 U
Benzo(g,h,i)Perylene	0.018 U	0.017 U	0.93 U	0.03	0.0036 U
Fluoranthene	0.018 U	0.017 U	0.93 U	0.019 U	0.0036 U
Fluorene	0.018 U	0.017 U	0.93 U	0.019 U	0.0036 U
Naphthalene	0.088 U	0.086 U	4.6 U	0.094 U	0.018 U
Phenanthrene	0.0088 U	0.0086 U	0.46 U	0.0094 U	0.0018 U
Pyrene	0.018 UJ	0.017 UJ	0.93 U	0.019 U	0.0036 U
PAH (Non-Carc) - Total	0.5376 U	0.5112 U	27.84 U	0.3049	0.108 U

Table B.21-6
Area 8 - Bunker C Pipeline Soil TPH Results

Area	8	8	8	8	8	8	8	8	8	8
Sample ID	8-BS-1-S-4	8-BS-1-S-7	8-BS-2-S-4	8-BS-3-S-3	8-BS-3-S-5	8-LD-VS-1	8-LD-VS-10	8-LD-VS-14	8-LD-VS-15	8-LD-VS-19
Date Sampled	6/9/92	6/9/92	6/9/92	6/10/92	6/10/92	1/12/96	1/12/96	1/12/96	1/12/96	1/12/96
Depth	17.5 to 19	32.5 to 34	22.5 to 24	17.5 to 19	27_5 to 29	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP TPH (mg/L)										
TPH										
TPH (mg/kg)										
#2 Diesel		240								
Motor Oil		880								
TPH 418.1										
TPH	2800	2400	25 U	150	25 U	73	1100	250	160	940
TPH 8015										
Bunker C		10 U								
Bunker C (Aged)										
Gasoline		10 U								
Kensol		10 U								
Kerosene		10 U								
Stoddard Solvent		10 U								
TPH-8015		10 U								

Area	8	8	8	8	8	8	8	8	8	8
Sample ID	8-LD-VS-2	8-LD-VS-20	8-LD-VS-24	8-LD-VS-25	8-TP-10-S-4	8-TP-7-S-4	8-TPS-02-S-1	8-TPS-04-S-1	8-TPS-04-S-2	8-VS-41
Date Sampled	1/12/96	1/12/96	1/12/96	1/12/96	5/27/92	5/27/92	1/30/92	1/31/92	1/31/92	6/23/93
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	15 to 16	19 to 20	17 to 17.5	14.5 to 15	16.5 to 17	15 to 15.5
TCLP TPH (mg/L)										
TPH										
TPH (mg/kg)										
#2 Diesel							10 U	1000	660	
Motor Oil							10 U	3000	2100	
TPH 418.1										
TPH	75	870	120	190	94	1400				160 J
TPH 8015										
Bunker C							10 U	10 U	10 U	
Bunker C (Aged)										
Gasoline							10 U	10 U	10 U	
Kensol							10 U	10 U	10 U	
Kerosene							10 U	10 U	10 U	
Stoddard Solvent							10 U	10 U	10 U	
TPH-8015							10 U	10 U	10 U	

Table B.21-6
Area 8 - Bunker C Pipeline Soil TPH Results

Area	8	8	8	8	8	8	8	8	8	8	8	8	8	8
Sample ID	8-VS-42	8-VS-43	8-VS-44	8-VS-45	8-VS-46	8-VS-47	8-VS-48	8-VS-49	8-VS-50	8-VS-51	8-VS-52	8-VS-53	8-VS-55	8-VS-56
Date Sampled	6/23/93	6/23/93	6/23/93	6/23/93	6/23/93	6/23/93	6/23/93	6/23/93	6/23/93	6/23/93	7/12/93	7/12/93	7/12/93	7/12/93
Depth	15 to 15.5	15 to 15.5	12 to 13	9 to 10	13 to 14	15 to 15.5	12 to 13	12 to 13	15 to 15.5	15 to 15.5	15 to 15.5	15 to 15.5	15 to 15.5	10 to 10.5
TCLP TPH (mg/L)														
TPH														
TPH (mg/kg)														
#2 Diesel														
Motor Oil														
TPH 418.1														
TPH	210 J	4000 J	21 U	21 U	24 J	77 J	22 U	30 J	21 U	55 J	45 J	50 U	260	200
TPH 8015														
Bunker C														
Bunker C (Aged)														
Gasoline														
Kensol														
Kerosene														
Stoddard Solvent														
TPH-8015														

Area	8	8	8	8	8	8	8	8	8	8	8	8	8	8
Sample ID	8-VS-57	8-VS-58	8-VS-59	8-VS-60	8-VS-61	8-VS-62	8-VS-63	8-VS-64	8-VS-65	8-VS-66	8-VS-67	8-VS-68	8-VS-69	8-VS-70
Date Sampled	7/12/93	7/12/93	7/12/93	7/12/93	7/12/93	7/12/93	7/12/93	7/12/93	7/12/93	7/12/93	7/12/93	7/12/93	7/12/93	7/12/93
Depth	10 to 10.5	15 to 15.5	15 to 15.5	20 to 20.5	37 to 38	6 to 7	9 to 10	4 to 5	3 to 4	12 to 13	7 to 8	15 to 15.5	10 to 11	5 to 7
TCLP TPH (mg/L)														
TPH			1 U											
TPH (mg/kg)														
#2 Diesel														
Motor Oil														
TPH 418.1														
TPH	81	110	7200	50 U	2500	50 U	48 J	61	50 U	50 U	50 U	540	50 U	50 U
TPH 8015														
Bunker C														
Bunker C (Aged)														
Gasoline														
Kensol														
Kerosene														
Stoddard Solvent														
TPH-8015														

Table B.21-6
Area 8 - Bunker C Pipeline Soil TPH Results

Area	8	8	8	8	8	8	8	8	8	8	8
Sample ID	8-VS-72	8-VS-73	8-VS-74	8-VS-75	8-VS-76	8-VS-77	8-VS-78	8-VS-80	8-VS-81	8-VS-82	8-VS-83
Date Sampled	7/28/93	7/28/93	7/28/93	7/28/93	7/28/93	7/28/93	7/28/93	7/28/93	7/28/93	7/28/93	7/28/93
Depth	20 to 20.5	20 to 20.5	18 to 18.5	20 to 20.5	20 to 20.5	20 to 20.5	18 to 18.5	20 to 20.5	20 to 20.5	18 to 18.5	20 to 20.5
TCLP TPH (mg/L)											
TPH									1 U		
TPH (mg/kg)											
#2 Diesel											
Motor Oil											
TPH 418.1											
TPH	6300	96	1300	5100	7500	64	1100	6100	11000	50 U	340
TPH 8015											
Bunker C											
Bunker C (Aged)											
Gasoline											
Kensol											
Kerosene											
Stoddard Solvent											
TPH-8015											

Area	8	8
Sample ID	8-VS-84	S-10
Date Sampled	7/28/93	1/28/92
Depth	18 to 18.5	15.5 to 16
TCLP TPH (mg/L)		
TPH		
TPH (mg/kg)		
#2 Diesel		10 U
Motor Oil		
TPH 418.1		
TPH	50 U	
TPH 8015		
Bunker C		10 U
Bunker C (Aged)		10 U
Gasoline		10 U
Kensol		10 U
Kerosene		10 U
Stoddard Solvent		10 U
TPH-8015		10 U

Table B.22-1
Area 19 - Maintenance Areas Soil Metals Results

Area	19A	19A	19A	19A	19A	19A	19B
Sample ID	01-F15-SS[F-129]C2-005	01-F15-SS[F-130]C2-005	01-F15-SS[F-131]C2-005	01-F15-SS[F-132]C2-005	19A-TP-1-S-1	19A-TP-1-S-2	19B-OI-TP-1 (S-1)
Date Sampled	6/26/01	6/26/01	6/26/01	6/26/01	7/31/92	7/31/92	7/31/92
Depth	2 to 2.5	2 to 2.5	2 to 2.5	2 to 2.5	5 to 6	7 to 8	2 to 2.5
Total Metals (mg/kg)							
Aluminum							12000
Antimony (metallic)							0.25 UJ
Arsenic (inorganic)	2.5	3.2	1.9 U	2.3	2.5 J	5.5 J	2.6 J
Beryllium							0.31
Cadmium (food)							0.077
Chromium							13
Copper							11
Lead (and compounds) (inorganic)	8.4	4.2	23	2.5	86	960	11
Mercury (inorganic)							0.081 U
Nickel (soluble salts)							19
Selenium (and compounds)							0.23 U
Silver							0.25 U
Thallium							0.23 U
Zinc and Compounds							49

Area	19B	19B	19B	19B	19B	19B	19A
Sample ID	19B-OI-TP-1 (S-2)	19B-VS-15	19B-VS-16	19B-VS-17	19B-VS-18	19B-VS-19-DAVG	19-VS-20
Date Sampled	7/31/92	10/19/92	10/19/92	10/19/92	10/19/92	10/19/92	9/14/99
Depth	4 to 4.5	5 to 6	5 to 6	5 to 6	5 to 6	0 to 0.5	2 to 4.5
Total Metals (mg/kg)							
Aluminum	13000						
Antimony (metallic)	0.26 UJ						
Arsenic (inorganic)	2 J						3.3
Beryllium	0.32						
Cadmium (food)	0.041						
Chromium	18						
Copper	4.8						
Lead (and compounds) (inorganic)	5.1 U	5 U	7.1	5.9	10	6.7	17 J
Mercury (inorganic)	0.081 U						
Nickel (soluble salts)	24						
Selenium (and compounds)	0.24 U						
Silver	0.25 U						
Thallium	0.24 U						
Zinc and Compounds	29						

Table B.22-1
Area 19 - Maintenance Areas Soil Metals Results

Area	19A	19A	19A	19A	19A	19C
Sample ID	19-VS-28	19-VS-29	19-VS-46-DAVG	19-VS-60	19-VS-61	19-VS-62
Date Sampled	9/14/99	9/14/99	9/14/99	10/19/99	10/19/99	10/19/99
Depth	0 to 0.5	2 to 4.5	0 to 0.5	2 to 4.5	2 to 4.5	0 to 0.5
Total Metals (mg/kg)						
Aluminum						
Antimony (metallic)						
Arsenic (inorganic)	17	9.8	69	2 U	1.9 U	19
Beryllium						
Cadmium (food)						
Chromium						
Copper						
Lead (and compounds) (inorganic)	240 J	270 J	140	6.1 U	5.8 U	110
Mercury (inorganic)						
Nickel (soluble salts)						
Selenium (and compounds)						
Silver						
Thallium						
Zinc and Compounds						

Table B.22-2
Area 19 - Maintenance Areas Soil TPH Results

Area	19B	19B	19B	19B
Sample ID	19B-OI-TP-1 (S-1)	19B-OI-TP-1 (S-2)	19B-VS-10-DAVG	19B-VS-11
Date Sampled	7/31/92	7/31/92	10/19/92	10/19/92
Depth	2 to 2.5	4 to 4.5	0 to 0.5	4 to 5
TPH (mg/kg)				
TPH	42	21 U	25 U	25 U

Area	19B	19B	19B	19B
Sample ID	19B-VS-12	19B-VS-13	19B-VS-14	19B-VS-15
Date Sampled	10/19/92	10/19/92	10/19/92	10/19/92
Depth	4 to 5	4 to 5	4 to 5	5 to 6
TPH (mg/kg)				
TPH	25 U	25 U	25 U	25 U

Area	19B	19B	19B	19B
Sample ID	19B-VS-16	19B-VS-17	19B-VS-18	19B-VS-19-DAVG
Date Sampled	10/19/92	10/19/92	10/19/92	10/19/92
Depth	5 to 6	5 to 6	5 to 6	0 to 0.5
TPH (mg/kg)				
TPH	25 U	25 U	25 U	25 U

Table B.23-1
Area 24/24A - Upper Power House Soil Metals Results

Area	24A	24A	24A	24A	24A
Sample ID	24-VS-104	24-VS-105	24-VS-106	24-VS-107	24-VS-108
Date Sampled	10/10/95	10/10/95	10/10/95	10/10/95	10/10/95
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)					
Arsenic (inorganic)	18	18	11	14	12
Cadmium (food)	2	1.6	0.48	0.65	2.5
Lead (and compounds) (inorganic)	280	1100	2400	560	390
Mercury (inorganic)	0.81	10	2.3	31	1.3

Area	24A	24A	24A	24A	24A
Sample ID	24-VS-109	24-VS-110	24-VS-111-DAVG	24-VS-112	24-VS-113
Date Sampled	10/10/95	10/10/95	10/10/95	10/10/95	10/10/95
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Total Metals (mg/kg dry)					
Arsenic (inorganic)	6.4	6.1	6.1	17	10
Cadmium (food)	0.56	0.22	0.28	1.4	0.69
Lead (and compounds) (inorganic)	49	230	270	450	230
Mercury (inorganic)	0.13	0.24	1.9	0.86	0.43

Table B.23-1
Area 24/24A - Upper Power House Soil Metals Results

Area	24A	24A	24A	24A	24
Sample ID	24-VS-114	24-VS-115	24-VS-116	24-VS-117	24-VS-120
Date Sampled	10/10/95	10/10/95	10/10/95	10/10/95	10/10/95
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	3 to 6
Total Metals (mg/kg dry)					
Arsenic (inorganic)	6.7	7.8	15	12	2.8
Cadmium (food)	0.28	0.2	0.42	0.24	0.19
Lead (and compounds) (inorganic)	120	66	73	46	59
Mercury (inorganic)	4.2	1	0.21	0.29	0.24

Area	24	24	24
Sample ID	24-VS-121	24-VS-122-DAVG	24-VS-123
Date Sampled	10/10/95	10/10/95	10/10/95
Depth	6 to 7	3 to 6	7 to 8
Total Metals (mg/kg dry)			
Arsenic (inorganic)	3.6	6.2	3.4
Cadmium (food)	0.13	0.48	0.27
Lead (and compounds) (inorganic)	20	150	74
Mercury (inorganic)	0.11 U	8.9	7.7

Table B.23-2
Area 24/24A - Upper Power House Soil PAH Results

Area	24A	24A	24A
Sample ID	24-VS-125	24-VS-126	24-VS-127
Date Sampled	3/27/96	3/27/96	3/27/96
Depth	15 to 15.5	15 to 15.5	3 to 4
PAH (mg/kg)			
Benzo(a)Anthracene	0.097	0.2	0.06
Benzo(a)Pyrene	0.15	0.23	0.067
Benzo(b)Fluoranthene	0.12	0.16	0.039
Benzo(k)Fluoranthene	0.069	0.1	0.026
Chrysene	0.14	0.28	0.11
Dibenz(a,h)anthracene	0.0082	0.0035 U	0.0037 U
Indeno(1,2,3-cd)pyrene	0.14	0.17	0.062
Total Carcinogenic PAHS	0.19473	0.28603	0.08532
2-Methylnaphthalene	0.019 U	0.037	0.019 U
Acenaphthene	0.019 U	0.036	0.019 U
Acenaphthylene	0.037 U	0.035 U	0.037 U
Anthracene	0.02	0.073	0.026
Benzo(g,h,i)Perylene	0.16	0.21	0.046
Fluoranthene	0.27	0.7 U	0.25 U
Fluorene	0.0074	0.038	0.013
Naphthalene	0.019 U	0.018 U	0.019 U
Phenanthrene	0.15	0.51	0.16
Pyrene	0.28	0.63	0.26
PAH (Non-Carc) - Total	0.9344	1.9105	0.677

Table B.23-3
Area 24/24A - Upper Power House Soil TPH Results

Area	24A	24A	24A	24A	24A	24A
Sample ID	24-VS-104	24-VS-105	24-VS-106	24-VS-107	24-VS-108	24-VS-109
Date Sampled	10/10/95	10/10/95	10/10/95	10/10/95	10/10/95	10/10/95
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TPH (mg/kg)						
TPH	100.00	2500.00	330.00	210.00	260.00	190.00

Area	24A	24A	24A	24A	24A	24A
Sample ID	24-VS-110	24-VS-111-DAVG	24-VS-112	24-VS-113	24-VS-114	24-VS-115
Date Sampled	10/10/95	10/10/95	10/10/95	10/10/95	10/10/95	10/10/95
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TPH (mg/kg)						
TPH	760	210	58	280	970	62

Area	24A	24A	24	24	24	24
Sample ID	24-VS-116	24-VS-117	24-VS-120	24-VS-121	24-VS-122-DAVG	24-VS-123
Date Sampled	10/10/95	10/10/95	10/10/95	10/10/95	10/10/95	10/10/95
Depth	0 to 0.5	0 to 0.5	3 to 6	6 to 7	3 to 6	7 to 8
TPH (mg/kg)						
TPH	50 U	50 U	1,400	50 U	720	350

Area	24A	24A	24A	24A	24A
Sample ID	24-VS-124	24-VS-125	24-VS-126	24-VS-127	24-VS-128
Date Sampled	3/27/96	3/27/96	3/27/96	3/27/96	3/27/96
Depth	7 to 7.5	15 to 15.5	15 to 15.5	3 to 4	5.5 to 6
TPH (Mg/kg)					
TPH	170	360	460	750	2,600

Table B.24-1
Area 20 - Railroad Debris Area Soil Metals Results

Area	20	20	20	20	20	20	20
Sample ID	31-VS-549	31-VS-550	31-VS-558	31-VS-559	31-VS-626	31-VS-632	31-VS-633
Date Sampled	4/19/00	4/19/00	4/19/00	4/19/00	5/24/00	6/29/00	6/29/00
Depth	2 to 4.5	2 to 4.5	2 to 4.5	2 to 4.5	1.5 to 3.5	1.5 to 3.5	1.5 to 3.5
Arsenic (mg/kg)							
Arsenic	3.3	13	11	14	8.2	6.5	6.3
Lead (mg/kg)							
Lead	5.3	8.9	14	9.9	9.4	5.5	15

Table B.25-1
Area 36 - Lead Melt House Area Soil Metals Results

Area	36	36	36	36	36	36	36	36	36	36	36	36	36
Sample ID	36-SS-07	36-SS-10	36-SS-18	36-SS-20	36-SS-21	36-SS-24	36-SS-25	36-SS-26	36-SS-27	36-SS-29	36-SS-30	36-SS-31	36-SS-32
Date Sampled	1/10/92	1/10/92	4/27/92	4/27/92	4/27/92	4/27/92	4/27/92	4/27/92	4/30/92	4/30/92	4/30/92	4/27/92	4/27/92
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
Arsenic (mg/kg)													
Arsenic													
Lead (mg/kg)													
Lead	92	140	23	5 U	120	5 U	29	1300	130	320	150	1000	74

Area	36	36	36	36	36	36	36	36	36	36	36	36	36
Sample ID	36-TP-1-S-3	36-TP-2-S-3	36-TP-4-S-3	36-TP-5-S-3	36-TP-6-S-1	36-TP-6-S-2	36-TP-6-S-3	36-VS-10	36-VS-11	36-VS-12	36-VS-21	36-VS-6	36-VS-8
Date Sampled	4/27/92	4/27/92	4/27/92	4/27/92	4/27/92	4/27/92	4/27/92	9/20/99	9/20/99	9/20/99	10/1/99	9/20/99	9/20/99
Depth	3 to 5	3 to 5	3 to 5	3 to 5	0 to 1	1 to 2	3 to 5	1 to 2.5	1 to 2.5	1 to 2.5	3 to 4.5	0-0.5	1 to 2.5
Arsenic (mg/kg)													
Arsenic								9	4	2.4	4.1 U	2.7	3
Lead (mg/kg)													
Lead	240	10	5 U	5 U	75	5 U	5 U	1800	100	44	6.9	9.4	37

Table B.26-1
Area 39 - Laboratory Area Soil Metals Results

Area	39	39	39	39	39	39	39	39	39	39
Sample ID	39-B-1-S-6	39-B-1-S-7	39-SS-01	39-SS-03	39-SS-04	39-SS-05	39-SS-06	39-SS-08	39-SS-12	39-SS-16
Date Sampled	1/8/92	1/8/92	1/7/92	1/7/92	1/7/92	1/7/92	1/7/92	1/7/92	1/7/92	1/7/92
Depth	0.5 to 2	2 to 3.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)										
Lead										
Mercury (inorganic)										
Total Metals (mg/kg)										
Aluminum										
Antimony (metallic)										
Arsenic										
Beryllium										
Cadmium										
Chromium										
Copper										
Lead										
Mercury (inorganic)	0.52	0.4	0.54	1.9	0.81	0.51	0.84	1.4	0.17	0.43
Nickel (soluble salts)										
Selenium (and compounds)										
Silver										
Thallium										
Zinc and Compounds										

Table B.26-1
Area 39 - Laboratory Area Soil Metals Results

Area	39	39	39	39	39	39	39	39	39
Sample ID	39-VS-10	39-VS-11	39-VS-12	39-VS-13	39-VS-14	39-VS-15	39-VS-16	39-VS-17-DAVG	39-VS-18
Date Sampled	4/21/92	4/20/92	4/20/92	4/17/92	6/1/92	6/1/92	6/1/92	6/1/92	4/17/92
Depth	2 to 9	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)									
Lead									
Mercury (inorganic)		0.0002 U	0.00035						0.0002 U
Total Metals (mg/kg)									
Aluminum	10000				20400	18000	19200	21000	
Antimony (metallic)					2.9 UJ	2.8 UJ	2.9 UJ	2.9 UJ	
Arsenic	1.3				11.2	9.34	6.66	7.29	
Beryllium	0.11 U				0.51	0.41	0.53	0.52	
Cadmium	0.073 J				0.34	0.17	0.17	0.14	
Chromium	13				15.5	13.9	15.8	18	
Copper	13				21	18	16.3	15.4	
Lead	26	110	180	47	28	55	69	37	68
Mercury (inorganic)	2.6 J	13 J	72 J	2.4 J	7.45	7.02	22.5	1.52	7.9 J
Nickel (soluble salts)	17				21.1	20	20	21.2	
Selenium (and compounds)	0.27 U				0.31	0.28 U	0.29 U	0.29 U	
Silver	0.34				0.29 U	0.28 U	0.48	0.29 U	
Thallium	0.27 U				0.29 U	0.28 U	0.29 U	0.29 U	
Zinc and Compounds	25				61.2	47.8	39.9	42.6	

Table B.26-1
Area 39 - Laboratory Area Soil Metals Results

Area	39	39	39	39	39	39	39	39	39
Sample ID	39-VS-19	39-VS-1-DAVG	39-VS-2	39-VS-20	39-VS-21	39-VS-22	39-VS-23	39-VS-24	39-VS-25
Date Sampled	4/17/92	4/16/92	4/16/92	4/21/92	4/21/92	4/21/92	4/20/92	4/21/92	4/21/92
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5	2 to 12	2 to 12	2 to 12	9 to 12
TCLP Metals (mg/L)									
Lead									
Mercury (inorganic)									
Total Metals (mg/kg)									
Aluminum		16000	17000			16000	13000	16000	10000
Antimony (metallic)		3 J	3 UJ				0.64 J		0.31 J
Arsenic		120	27 J			1.7	2.8	1.6	1.6
Beryllium		0.38	0.36			0.11 U	0.11 U	0.11 U	0.11 U
Cadmium		0.18	0.24 J			0.27 J	0.54 J	0.25 J	0.14 J
Chromium		14	13			20	20	18	18
Copper		25	17			12	15	12	23
Lead	210	170	80	140	230	60	140	23	100
Mercury (inorganic)	5.7 J	1.6 J	9.2 J	7 J	7.4 J	3.3 J	13 J	4.7 J	11 J
Nickel (soluble salts)		18	16			22	20	21	20
Selenium (and compounds)		0.33 J	0.3 UJ			0.29 U	0.28 U	0.29 U	0.27 U
Silver		0.49	0.55			0.93	1.3	0.86	0.28
Thallium		0.31 U	0.3 U			0.29 U	0.28 U	0.29 U	0.27 U
Zinc and Compounds		36	54			39	270	42	33

Table B.26-1
Area 39 - Laboratory Area Soil Metals Results

Area	39	39	39	39	39	39	39	39	39	39
Sample ID	39-VS-26	39-VS-27	39-VS-28	39-VS-29	39-VS-3	39-VS-30	39-VS-31	39-VS-32	39-VS-33	39-VS-34
Date Sampled	4/21/92	4/12/92	4/20/92	4/21/92	4/16/92	5/7/92	5/7/92	5/7/92	5/7/92	6/3/92
Depth	12 to 12.5	2 to 12	2 to 12	0 to 0.5	0 to 0.5	21 to 21.5	2 to 6	2 to 6	6 to 6.5	0 to 0.5
TCLP Metals (mg/L)										
Lead										
Mercury (inorganic)										
Total Metals (mg/kg)										
Aluminum	12000	14000	11000		19000	11400	15300	20200	26200	19300
Antimony (metallic)			0.31 J		3.2 UJ					2.6 UJ
Arsenic	5	2.2	1.8		9.5	3.88 J	3.43 J	2.11 J	3.18 J	26.9
Beryllium	0.11 U	0.11 U	0.11 U		0.41	0.2	0.3	0.7	0.5	0.78
Cadmium	0.2 J	0.43 J	0.11 J		0.52 J	0.05	0.09	0.04	0.05	1.31
Chromium	15	21	17		13	13.5	18	45.4	30.9	25.6
Copper	16	9.8	14		13	17.8	16.1	22.6	15.5	80.4
Lead	46	29	21	19	21	5.3 U	5.4 U	5.3 U	5.7 U	560
Mercury (inorganic)	4.9 J	4.3 J	4.7 J	3.7 J	1.6	0.11 U	0.11 U	0.11 U	0.12 U	4.45
Nickel (soluble salts)	18	16	16		17	17	19.4	35.7	32.6	25.5
Selenium (and compounds)	0.27 U	0.16	0.27 U		0.32 UJ	0.27 UJ	0.27 UJ	0.27 UJ	0.27 J	2.3
Silver	0.67	1.5	0.57		0.58	0.3	0.27 U	0.27 U	0.3 U	0.26 U
Thallium	0.27 U	0.28 U	0.27 U		0.32 U	0.27 U	0.27 U	0.27 U	0.3 U	1.7
Zinc and Compounds	38	51	32		160	26.2	25.4	46.4	37.6	276

Table B.26-1
Area 39 - Laboratory Area Soil Metals Results

Area	39	39	39	39	39	39	39	39	39	39
Sample ID	39-VS-35	39-VS-36	39-VS-37	39-VS-38	39-VS-39	39-VS-4	39-VS-40	39-VS-41	39-VS-42	39-VS-5
Date Sampled	6/27/92	6/27/92	6/27/92	6/27/92	8/14/92	4/16/92	6/27/92	8/14/92	8/14/92	4/16/92
Depth	0 to 5	0 to 5	0 to 5	0 to 5	4 to 5	0 to 0.5	4 to 5	4 to 5	4 to 5	0 to 0.5
TCLP Metals (mg/L)										
Lead										
Mercury (inorganic)										
Total Metals (mg/kg)										
Aluminum						19000				18000
Antimony (metallic)						3 UJ				3 UJ
Arsenic					2.3	3.7		1.3	5.8	12
Beryllium						0.39				0.39
Cadmium						0.37 J				0.36 J
Chromium						13				12
Copper						12				19
Lead	10	5.6 U	5.1 U	17		7.7	22			220
Mercury (inorganic)					0.1	0.5 J		0.08 U	0.92	6.7 J
Nickel (soluble salts)						16				15
Selenium (and compounds)						0.31 J				0.31 UJ
Silver						0.44				0.5
Thallium						0.31 U				0.31 U
Zinc and Compounds						47				89

Table B.26-1
Area 39 - Laboratory Area Soil Metals Results

Area	39	39	39	39
Sample ID	39-VS-6	39-VS-7	39-VS-8	39-VS-9
Date Sampled	4/16/92	4/16/92	4/17/92	4/20/92
Depth	0 to 0.5	0 to 0.5	0 to 0.5	0 to 0.5
TCLP Metals (mg/L)				
Lead				
Mercury (inorganic)				0.0002 U
Total Metals (mg/kg)				
Aluminum	18000	19000		
Antimony (metallic)	3.2 J	3.1 UJ		
Arsenic	29 J	23		
Beryllium	0.4	0.41		
Cadmium	0.31 J	0.24 J		
Chromium	13	13		
Copper	31	48		
Lead	160	54	160	220
Mercury (inorganic)	14 J	6.8 J	15 J	44 J
Nickel (soluble salts)	17	17		
Selenium (and compounds)	0.3 UJ	0.38 J		
Silver	0.49	0.45		
Thallium	0.3 U	0.32 U		
Zinc and Compounds	82	43		

Table B.26-2
Area 39 - Laboratory Area Soil Explosives Results

Area	39	39	39	39	39	39	39
Sample ID	39-VS-10	39-VS-26	39-VS-35	39-VS-36	39-VS-37	39-VS-38	39-VS-40
Date Sampled	4/21/92	4/21/92	6/27/92	6/27/92	6/27/92	6/27/92	6/27/92
Depth	2 to 9	12 to 12.5	0 to 5	0 to 5	0 to 5	0 to 5	4 to 5
Explosives (mg/kg)							
2,4-Dinitrotoluene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
2,6-Dinitrotoluene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
DNT - Total	0.36 U	0.38 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Nitrobenzene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U

Table B.26-3
Area 39 - Laboratory Area Soil VOC Results

Area	39	39	39	39	39	39	39
Sample ID	39-VS-10	39-VS-26	39-VS-35	39-VS-36	39-VS-37	39-VS-38	39-VS-40
Date Sampled	4/21/92	4/21/92	6/27/92	6/27/92	6/27/92	6/27/92	6/27/92
Depth	2 to 9	12 to 12.5	0 to 5	0 to 5	0 to 5	0 to 5	4 to 5
VOCs (mg/kg)							
Acetone	1.1 U	1.1 U	11 U	11 U	11 U	11 U	11 U
Benzene	0.053 U	0.056 U	0 027 U	0.027 U	0.027 U	0.026 U	0.027 U
Bromodichloromethane	0.053 U	0.056 U					
Bromoform	0.27 U	0.28 U					
Bromomethane	0.53 U	0.56 U					
Carbon Disulfide	0.053 U	0.056 U					
Carbon Tetrachloride	0.053 U	0.056 U					
Chlorobenzene	0.053 U	0.056 U	0.027 U	0.027 U	0.027 U	0.026 U	0.027 U
Chloroform	0.053 U	0.056 U					
Chloromethane	0.53 U	0.56 U					
Dibromochloromethane	0.053 U	0.056 U					
1,1-Dichloroethane	0.053 U	0.056 U					
1,2-Dichloroethane	0.053 U	0.056 U					
1,1-Dichloroethene	0.053 U	0.056 U					
1,2-Dichloroethylene (Mixed Isomers)	0.053 U	0.056 U					
Dichloromethane	0.53 U	0.53 U					
1,2-Dichloropropane	0.053 U	0.056 U					
Cis-1,3-Dichloropropene	0.053 U	0.056 U					
Trans-1,3-Dichloropropene	0.053 U	0.056 U					
Ethyl Benzene	0.053 U	0.056 U	0.027 U	0.027 U	0.027 U	0.026 U	1.5
Ethyl Chloride	0.053 U	0.056 U					
2-Hexanone	0.53 U	0.56 U					
Methyl Ethyl Ketone	0.53 U	0.56 U					
Methyl Isobutyl Ketone	0.53 U	0.56 U					
Styrene	0.053 U	0.056 U					
1,1,2,2-Tetrachloroethane	0.053 U	0.056 U					
Tetrachloroethene	0.053 U	0.056 U					
Toluene	0.053 U	0.056 U	0.027 U	0.027 U	0.027 U	0.026 U	0.027 U
1,1,1-Trichloroethane	0.053 U	0.056 U					
1,1,2-Trichloroethane	0.053 U	0.056 U					
Trichloroethylene	0.053 U	0.056 U					
Vinyl Acetate	0.53 U	0.56 U					
Vinyl Chloride	0.053 U	0.056 U					
Xylenes	0.053 U	0.056 U	0.027 U	0.027 U	0.027 U	0.026 U	2.8

Table B.26-4
Area 39 - Laboratory Area Soil SVOC Results

Area	39	39	39	39	39	39	39
Sample ID	39-VS-10	39-VS-26	39-VS-35	39-VS-36	39-VS-37	39-VS-38	39-VS-40
Date Sampled	4/21/92	4/21/92	6/27/92	6/27/92	6/27/92	6/27/92	6/27/92
Depth	2 to 9	12 to 12.5	0 to 5	0 to 5	0 to 5	0 to 5	4 to 5
SVOCs (mg/kg)							
Aniline	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Benzidine	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Benzoic Acid	0.91 U	0.96 U	0.91 U	0.91 U	0.9 U	0.88 U	0.9 U
Benzyl Alcohol	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Bis(2-Chloroethoxy)methane	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Bis(2-Chloroisopropyl)ether	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Bis(2-ethylhexyl)Phthalate (DEHP)	0.044 J	0.19 U	0.18 U	0.18 U	0.18 U	0.046 J	0.18 U
Bis(Chloroethyl)ether	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
4-Bromodiphenyl ether	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
N-Butyl Benzyl Phthalate	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
4-Chloroaniline	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
2-Chloronaphthalene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
2-Chlorophenol	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
4-Chlorophenyl-phenyl ether	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Dibenzofuran	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Dibutyl Phthalate	0.18 U	0.19 U	0.18 U	0.25	0.18 U	0.18 U	0.18 U
1,2-Dichlorobenzene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,3-Dichlorobenzene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,4-Dichlorobenzene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
3,3-Dichlorobenzidine	0.36 U	0.38 U	0.36 U	0.36 U	0.36 U	0.35 U	0.36 U
2,4-Dichlorophenol	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Diethyl Phthalate	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Dimethyl Phthalate	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
2,4-Dimethylphenol	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
4,6-Dinitro-o-Cresol	0.91 U	0.96 U	0.91 U	0.91 U	0.9 U	0.88 U	0.9 U
2,4-Dinitrophenol	0.91 U	0.96 U	0.91 U	0.91 U	0.9 U	0.88 U	0.9 U
Di-N-Octylphthalate	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Hexachlorobenzene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Hexachlorobutadiene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U

Table B.26-4
Area 39 - Laboratory Area Soil SVOC Results

Area	39	39	39	39	39	39	39
Sample ID	39-VS-10	39-VS-26	39-VS-35	39-VS-36	39-VS-37	39-VS-38	39-VS-40
Date Sampled	4/21/92	4/21/92	6/27/92	6/27/92	6/27/92	6/27/92	6/27/92
Depth	2 to 9	12 to 12.5	0 to 5	0 to 5	0 to 5	0 to 5	4 to 5
SVOCs (mg/kg)							
Hexachlorocyclopentadiene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Hexachloroethane	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Isophorone	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
2-Methylphenol	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
4-Methylphenol	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
2-Nitroaniline	0.91 U	0.96 U	0.91 U	0.91 U	0.9 U	0.88 U	0.9 U
3-Nitroaniline	0.91 U	0.96 U	0.91 U	0.91 U	0.9 U	0.88 U	0.9 U
4-Nitroaniline	0.91 U	0.96 U	0.91 U	0.91 U	0.9 U	0.88 U	0.9 U
2-Nitrophenol	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
4-Nitrophenol	0.91 U	0.96 U	0.91 U	0.91 U	0.9 U	0.88 U	0.9 U
N-Nitrosodimethylamine	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
N-Nitrosodi-N-propylamine	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
N-Nitrosodiphenylamine	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Pentachlorophenol	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Phenol	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,2,4-Trichlorobenzene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
2,4,5-Trichlorophenol	0.91 U	0.96 U	0.91 U	0.91 U	0.9 U	0.88 U	0.9 U
2,4,6-Trichlorophenol	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U

Table B.26-5
Area 39 - Laboratory Area Soil PAH Results

Area	39	39	39	39	39	39	39
Sample ID	39-VS-10	39-VS-26	39-VS-35	39-VS-36	39-VS-37	39-VS-38	39-VS-40
Date Sampled	4/21/92	4/21/92	6/27/92	6/27/92	6/27/92	6/27/92	6/27/92
Depth	2 to 9	12 to 12.5	0 to 5	0 to 5	0 to 5	0 to 5	4 to 5
PAH (mg/kg)							
Benzo(a)Anthracene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.038 J
Benzo(a)Pyrene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Benzo(b)Fluoranthene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Benzo(k)Fluoranthene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Chrysene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.039 J
Dibenz(a,h)anthracene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Indeno(1,2,3-cd)pyrene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Total Carcinogenic PAHS (BaP TEQs)	0.41598 U	0.43909 U	0.41598 U	0.41598 U	0.41598 U	0.41598 U	0.202739
2-Methylnaphthalene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.038 J
Acenaphthene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Acenaphthylene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Anthracene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Benzo(g,h,i)Perylene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Fluoranthene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.076 J
Fluorene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Naphthalene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Phenanthrene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.047 J
Pyrene	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.077 J
PAH (Non-Carc) - Total	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	0.778

Table B.26-6
Area 39 - Laboratory Area Soil TPH Results

Area	39	39	39	39	39
Sample ID	39-VS-35	39-VS-36	39-VS-37	39-VS-38	39-VS-40
Date Sampled	6/27/92	6/27/92	6/27/92	6/27/92	6/27/92
Depth	0 to 5	0 to 5	0 to 5	0 to 5	4 to 5
TPH (mg/kg)					
#2 Diesel	25 U	25 U	25 U	25 U	61
Gasoline	5 U	5 U	5 U	5 U	87