

~~DECLASSIFIED SECRET//REL TO USA, AUS, CAN, and GBR//MR~~

(U)~~(S//REL)~~ Final Environmental Site Characterization and Operational Health Risk Assessment, Stronghold Freedom, Karshi Khanabad Airfield, Uzbekistan, 27 October – 27 November 2001

(U) ~~(C//REL)~~ APPENDIX C

DATA TABLES

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Boring/Area ID	Date(s) of Collection	Purpose of Sampling	Analyses
B	8, 13-Nov-01	Background	Various
Berm 1	31-Oct-01	Visual Contamination in Open Trenches	Metals, PCB, Herbicides, Pesticides
Berm 2	31-Oct-01	Visual Contamination in Open Trenches	Metals, PCB, Herbicides, Pesticides
Berm 3	31-Oct-01	Visual Contamination in Open Trenches	Metals, PCB, Herbicides, Pesticides
Berm 4	31-Oct-01	Visual Contamination in Open Trenches	Metals, PCB, Herbicides, Pesticides
Berm 5	31-Oct-01	Visual Contamination in Open Trenches	Metals, PCB, Herbicides, Pesticides
Berm 7	9-Nov-01	Visual Contamination in Open Trenches	Metals, VOC, PCB
1A	28-Oct-01	Visual Contamination in Open Trenches	Metals, VOC, TPH, PAH, PCB
1B	28-Oct-01	Visual Contamination in Open Trenches	Metals, VOC, TPH, PAH, PCB
1C	28-Oct-01	Visual Contamination in Open Trenches	Metals, VOC, TPH, PAH, PCB
1D	28-Oct-01	Visual Contamination in Open Trenches	Metals, VOC, TPH, PAH, PCB
1E	28-Oct-01	Visual Contamination in Open Trenches	Metals, VOC, TPH, PAH, PCB
1F	28-Oct-01	Visual Contamination in Open Trenches	Metals, VOC, TPH, PAH, PCB
1G	28-Oct-01	Visual Contamination in Open Trenches	Metals, VOC, TPH, PAH, PCB
1H	28-Oct-01	Visual Contamination in Open Trenches	Metals, VOC, TPH, PAH, PCB
2A	29-Oct-01	Visual Contamination in Open Trenches	Metals, VOC, TPH, PAH, PCB
2B	29-Oct-01	Visual Contamination in Open Trenches	Metals, VOC, TPH, PAH, PCB
2C	29-Oct-01	Visual Contamination in Open Trenches	Metals, VOC, TPH, PAH, PCB
4A	30, 31-Oct-01	Visual Contamination in Open Trenches	Metals, VOC, TPH, PAH, PCB, Explosives
4B	30, 31-Oct-01	Visual Contamination in Open Trenches	Metals, VOC, TPH, PAH, PCB, Explosives
4C	30, 31-Oct-01	Visual Contamination in Open Trenches	Metals, VOC, TPH, PAH, PCB, Explosives
5B	30-Oct-01	Visual Contamination in Open Trenches	Metals, VOC, TPH, PAH, PCB
5C	30-Oct-01	Visual Contamination in Open Trenches	Metals, VOC, TPH, PAH, PCB
6A	30-Oct-01	Visual Contamination in Open Trenches	None
6C	30-Oct-01	Visual Contamination in Open Trenches	None
10A	31-Oct-01	Former Ammunition Storage Area (1993)	Explosives
10B	31-Oct-01	Former Ammunition Storage Area (1993)	Explosives
10C	31-Oct-01	Former Ammunition Storage Area (1993)	Explosives
Area 1	30-Oct-01	Former Ammunition Storage Area (1993) & Adjacent Cotton Fields	Metals, Herbicides, Pesticides, Explosives
Area 2	30-Oct-01	Former Ammunition Storage Area (1993) & Adjacent Cotton Fields	Metals, Herbicides, Pesticides, Explosives
Area 3	30-Oct-01	Former Ammunition Storage Area (1993) & Adjacent Cotton Fields	Metals, Herbicides, Pesticides, Explosives
Area 4	30-Oct-01	Former Ammunition Storage Area (1993) & Adjacent Cotton Fields	Metals, Herbicides, Pesticides, Explosives
Area 5	30-Oct-01	Former Ammunition Storage Area (1993) & Adjacent Cotton Fields	Metals, Herbicides, Pesticides, Explosives
Area 6	30-Oct-01	Former Ammunition Storage Area (1993) & Adjacent Cotton Fields	Metals, Herbicides, Pesticides, Explosives

Boring/Area ID	Date(s) of Collection	Purpose of Sampling	Analyses
Area 7	30-Oct-01	Former Ammunition Storage Area (1993) & Adjacent Cotton Fields	Metals, Herbicides, Pesticides, Explosives
Area 8	30-Oct-01	Former Ammunition Storage Area (1993) & Adjacent Cotton Fields	Metals, Herbicides, Pesticides, Explosives
Area 11	6-Nov-01	Adjacent to Visual Contamination in Open Trenches and Cotton Fields	Metals, Herbicides, Pesticides
Area 12	6-Nov-01	Adjacent to Visual Contamination in Open Trenches and Cotton Fields	Metals, Herbicides, Pesticides
Area 13	6-Nov-01	Adjacent to Visual Contamination in Open Trenches and Cotton Fields	Metals, Herbicides, Pesticides
Area 14	6-Nov-01	Adjacent to Visual Contamination in Open Trenches and Cotton Fields	Metals, Herbicides, Pesticides
Area 15	6-Nov-01	Adjacent to Visual Contamination in Open Trenches, Cotton Fields, and Former Transformer Station	Metals, PCB, Herbicides, Pesticides
Area 16	7-Nov-01	Former Ammunition Storage Area (1993)	Metals, PCB, Explosives, CBP
Area 17	7-Nov-01	Former Ammunition Storage Area (1993)	Metals, PCB, Explosives, CBP
Area 18	7-Nov-01	Former Ammunition Storage Area (1993)	Metals, PCB, Explosives, CBP
Area 19	7-Nov-01	Former Ammunition Storage Area (1993)	Metals, PCB, Explosives, CBP
Area 20	8-Nov-01	Western Boundary, Former Concrete Reinforced Defensive Positions	Metals, PCB, Explosives, CBP
20A	3-Nov-01	Visual Contamination in Open Trenches	TPH, VOC
20B	3-Nov-01	Visual Contamination in Open Trenches	TPH, VOC, SG-VOC
20C	5-Nov-01	Visual Contamination in Open Trenches	TPH, VOC, SG-VOC
20D	5-Nov-01	Visual Contamination in Open Trenches	TPH, VOC, SG-VOC
20E	5-Nov-01	Visual Contamination in Open Trenches	Metals, TPH, PAH, VOC, PCB, Explosives, SG-VOC
30A	6-Nov-01	Former Ammunition Storage Area (1993)	Metals, VOC, SVOC, TPH, PAH, PCB, Explosives, CBP
30B	6-Nov-01	Former Ammunition Storage Area (1993)	Metals, VOC, SVOC, TPH, PAH, PCB, Explosives, CBP
30C	7-Nov-01	Former Ammunition Storage Area (1993)	Metals, VOC, SVOC, TPH, PAH, PCB, Explosives, CBP
30D	7-Nov-01	Former Ammunition Storage Area (1993)	Metals, VOC, SVOC, TPH, PAH, PCB, Explosives, CBP
30E	7-Nov-01	Former Ammunition Storage Area (1993)	Metals, VOC, SVOC, TPH, PAH, PCB, Explosives, CBP
30F	7-Nov-01	Former Ammunition Storage Area (1993)	Metals, VOC, SVOC, TPH, PAH, PCB, Explosives, CBP
30G	7-Nov-01	Former Ammunition Storage Area (1993)	Metals, VOC, SVOC, TPH, PAH, PCB, Explosives, CBP
Area 30	9-Nov-01	Bunker/Transformer Station	Metals, PCB, Explosives, CBP
Area 31	9-Nov-01	Transformer Station	Metals, PCB
Area 32	9-Nov-01	NW Bunker	Metals, Explosives, CBP
Area 33	9-Nov-01	SE Bunker	Metals, Explosives, CBP
40A	8-Nov-01	Potential Use as Seepage Pit	Metals, VOC, TPH, PAH, PCB
40B	8-Nov-01	Potential Use as Seepage Pit	Various Physical Parameters
40C	8-Nov-01	Potential Use as Seepage Pit	None
50A	10-Nov-01	Former Chemical Decontamination Line (1987)	CBP
50B	10-Nov-01	Former Chemical Decontamination Line (1987)	CBP

Boring/Area ID	Date(s) of Collection	Purpose of Sampling	Analyses
50C	10-Nov-01	Former Chemical Decontamination Line (1987)	CBP
50D	10-Nov-01	Former Chemical Decontamination Line (1987)	CBP
50E	10-Nov-01	Former Chemical Decontamination Line (1987)	CBP
50F	10-Nov-01	Former Chemical Decontamination Line (1987)	CBP
61A-E	11-Nov-01	Typical Aircraft Bunker and Apron	VOC, TPH
62A-E	11-Nov-01	Typical Aircraft Bunker and Apron	VOC, TPH
70A-F	15-Nov-01	Existing Aircraft Maintenance Facilities	Metals, VOC, TPH, PAH, PCB
80A	15-Nov-01	Visual Contamination in Open Trenches & Existing Aircraft Maintenance Facilities	Metals, VOC, TPH, PAH, PCB
80B	15-Nov-01	Visual Contamination in Open Trenches & Existing Aircraft Maintenance Facilities	Metals, VOC, TPH, PAH, PCB
80C	15-Nov-01	Visual Contamination in Open Trenches & Existing Aircraft Maintenance Facilities	Metals, VOC, TPH, PAH, PCB
Area 81	15-Nov-01	Visual Contamination in Open Trenches & Existing Aircraft Maintenance Facilities	Metals, PAH, PCB, Herbicides, Pesticides
Area 82	15-Nov-01	Visual Contamination in Open Trenches & Existing Aircraft Maintenance Facilities	Metals, PAH, PCB, Herbicides, Pesticides
Area 83	15-Nov-01	Visual Contamination in Open Trenches & Existing Aircraft Maintenance Facilities	Metals, PAH, PCB, Herbicides, Pesticides
Area 84	15-Nov-01	Visual Contamination in Open Trenches & Existing Aircraft Maintenance Facilities	Metals, PAH, PCB, Herbicides, Pesticides

Notes:

1. Area samples are surface composites, location is approximate center of area. Other samples are typically discrete at various depths.
2. CBP: Chemical Agent Breakdown Products.

Environmental Assessment, Stronghold Freedom
 (U) (C//REL) Table C-2, Soil Results, Metals

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Boring/Area Identification					B	B	B	B	B	B	B	1A	1A	1B	1B	1C	1C	1D	1D	1E	1E	1F
Depth Below Ground Surface (Meters)					0	0.5	1	1.5	2.5	3.5	2	3	2	3	2	3	2	3	2	3	2	3
Analyte	Units	MDL ¹	MSG-L ²	PRG ⁴																		
Arsenic	mg/kg	2	1100		<43.3	<41.1	N/A	<45.8	<47.8	<49.2	5.1	5.1	4.2	4.4	4.5	5.5	9.1	6.7	3.4	4.2	5.6	
Barium	mg/kg	5	N/A	5400	76	127	N/A	99	5.97	94.8	72	93	68	98	88	73	57	80	75	93	76	
Beryllium	mg/kg	0.5	16000		<2.17	<2.05	N/A	<2.29	<2.39	<2.46	BDL	0.62	0.59	0.77	0.51	0.83	0.53	0.91	BDL	0.52	0.66	
Cadmium	mg/kg	0.5	130		<4.34	<4.11	N/A	<4.58	<4.78	<4.92	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
Chromium (Total)	mg/kg	5	5700		21.3	14.5	N/A	24.3	23	24.9	16	24	20	26	19	29	19	31	13	18	28	
Cobalt	mg/kg	5	N/A	4700	N/A	N/A	N/A	N/A	N/A	N/A	5.8	7.3	6.5	8.2	6.2	7.8	7.3	11	BDL	5.4	7.3	
Copper	mg/kg	5	N/A	2900	N/A	N/A	N/A	N/A	N/A	N/A	8.4	13	11	15	10	15	12	16	6.9	10	15	
Lead	mg/kg	2.5	2200		<10.9	10.3	N/A	<11.4	<11.9	<12.3	6.1	8.4	7.8	10	6.7	10	7	10	5.6	6.9	10	
Manganese	mg/kg	5	N/A	1800	N/A	N/A	N/A	N/A	N/A	N/A	390	480	420	450	420	490	440	570	320	380	480	
Mercury	mg/kg	0.1	33		<0.0434	<0.041	N/A	<0.047	<0.049	<0.049	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
Molybdenum	mg/kg	5	1300		N/A	N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
Nickel	mg/kg	5	N/A	1600	21.4	10.3	N/A	24.5	24.5	25.7	15	22	17	23	16	24	18	27	11	17	23	
Selenium	mg/kg	5	N/A	390	<10.9	<10.3	N/A	<11.4	<11.9	<12.3	BDL	6	BDL	BDL	BDL	6.8	BDL	BDL	BDL	BDL	5.9	
Silver	mg/kg	1	N/A	390	<2.17	<2.05	N/A	<2.29	<2.39	<2.46	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	
Strontium	mg/kg	2.27	140000		125	147	N/A	134	673	253	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Zinc	mg/kg	5	69000		N/A	N/A	N/A	N/A	N/A	N/A	28	42	38	48	32	49	36	51	24	33	48	

Boring/Area Identification					2A	2A	2A	2A	2B	2B	2B	2B	2C	2C	2C	2C	4A	4A	4A	4B	4B
Depth Below Ground Surface (Meters)					1	2	3	3.5	1	2	3	3.5	1	2	3	3.5	0	1	2	0	1
Analyte	Units	MDL ¹	MSG-L ²	PRG ⁴																	
Arsenic	mg/kg	2	1100		4.9	3.3	4.2	3.4	3.5	2.2	4.6	3	4.4	4.3	6.5	3.3	5.6	5.3	2.7	5.6	5.7
Barium	mg/kg	5	N/A	5400	80	89	72	68	79	99	85	81	110	90	87	71	130	85	81	94	88
Beryllium	mg/kg	0.5	16000		0.72	BDL	BDL	0.54	0.81	BDL	0.53	0.68	0.59	BDL	1	0.84	0.72	0.93	0.58	0.65	0.83
Cadmium	mg/kg	0.5	130		0.56	BDL	BDL	0.51	0.65	BDL	BDL	0.55	BDL	BDL	0.69	0.59	0.55	0.63	BDL	0.56	0.64
Chromium (Total)	mg/kg	5	5700		26	12	27	21	29	16	20	25	22	18	32	30	26	29	22	25	28
Cobalt	mg/kg	5	N/A	4700	7.5	BDL	BDL	BDL	BDL	BDL	5.6	BDL	5.6	BDL	5.8	5.3	6.7	5.6	5.3	6.4	6.7
Copper	mg/kg	5	N/A	2900	15	6.4	10	14	17	9.4	10	13	11	8.7	19	14	14	16	12	14	16
Lead	mg/kg	2.5	2200		9	5.3	7.2	8.9	10	6.2	7.2	8.4	7.6	6.1	12	10	8.5	10	7.6	8.4	10
Manganese	mg/kg	5	N/A	1800	490	320	420	410	500	390	420	390	430	350	560	470	440	480	480	470	540
Mercury	mg/kg	0.1	33		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Molybdenum	mg/kg	5	1300		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Nickel	mg/kg	5	N/A	1600	21	11	17	17	24	14	17	19	17	14	26	23	20	23	17	20	22
Selenium	mg/kg	5	N/A	390	7.6	BDL	6.2	6.3	5.9	BDL	6.1	7.1	5.7	BDL	8.2	7	6.9	8.2	BDL	7.4	7.8
Silver	mg/kg	1	N/A	390	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Strontium	mg/kg	2.27	140000		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Zinc	mg/kg	5	69000		49	23	35	40	53	29	36	44	37	29	61	52	44	56	40	46	53

Notes:

1. MDL: Method Detection Limit; BDL: Below Detection Limit

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2. MSG-L: Military Soil Guidelines-Long Term, TG 230 ~~DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR~~
3. N/A: Not Applicable or Not Analyzed
4. EPA Region IX Preliminary Remediation Goal for Industrial Soil (mg/kg)

Environmental Assessment, Stronghold Freedom
 (U) (C//REL) Table C-2, Soil Results, Metals

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Boring/Area Identification					5B	5B	5B	5C	5C	5C	20E	30A	30A	30B	30B	30C	30C	30D	30D	30E	30E
Depth Below Ground Surface (Meters)					0	1	2	0	1	2	2.5	0.5	1.5	0.5	1.5	0.5	1.5	0.5	1.5	0.5	1.5
Analyte	Units	MDL ¹	MSG-L ²	PRG ⁴																	
Arsenic	mg/kg	2	1100		6.7	6.3	7.3	7.1	5.1	5.6	6.1	<40.7	<47.3	<44.7	<47.4	<43.2	<43.1	<44.8	<49.2	<42.2	<48.8
Barium	mg/kg	5	N/A	5400	78	81	72	68	99	110	73	110	69.6	85.4	79.3	84.6	94	173	75.6	103	92.2
Beryllium	mg/kg	0.5	16000		0.7	0.88	0.79	0.74	0.63	0.66	1	<2.03	<2.37	<2.23	<2.37	<2.16	<2.15	<2.24	<2.46	<2.11	<2.44
Cadmium	mg/kg	0.5	130		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.57	<4.07	<4.73	<4.47	<4.74	<4.32	<4.31	<4.48	<4.92	<4.22	<4.88
Chromium (Total)	mg/kg	5	5700		45	47	19	33	28	29	29	23.5	27.1	21.2	26.7	19.2	19.6	18.7	25.3	24.5	22.3
Cobalt	mg/kg	5	N/A	4700	8.3	7.3	8.2	7.1	6.5	7.5	9.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Copper	mg/kg	5	N/A	2900	18	17	18	17	14	13	22	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lead	mg/kg	2.5	2200		25	24	15	26	23	25	12	<10.2	<11.8	<11.2	<11.8	<10.8	<10.8	<11.2	<12.3	<10.5	<12.2
Manganese	mg/kg	5	N/A	1800	490	490	370	450	490	510	470	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Mercury	mg/kg	0.1	33		0.1	<0.1	<0.1	<0.1	<0.1	<0.1	BDL	<0.04	<0.04	<0.04	<0.05	<0.04	<0.04	<0.04	<0.05	<0.04	<0.05
Molybdenum	mg/kg	5	1300		<5	<5	<5	<5	<5	<5	BDL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Nickel	mg/kg	5	N/A	1600	33	33	17	28	24	23	24	22.2	26.2	21.2	25.7	19.9	20.1	20.4	25.7	24.7	22.6
Selenium	mg/kg	5	N/A	390	6.8	6.8	6.3	5.7	<5	<5	6.9	<10.2	<11.8	<11.2	<11.8	<10.8	<10.8	<11.2	<12.3	<10.5	<12.2
Silver	mg/kg	1	N/A	390	<1	<1	<1	<1	<1	<1	BDL	<2.03	<2.37	<2.23	<2.37	<2.16	<2.15	<2.24	<2.46	<2.11	<2.44
Strontium	mg/kg	2.27	140000		N/A	N/A	N/A	N/A	N/A	N/A	N/A	215	148	144	236	172	176	223	354	146	204
Zinc	mg/kg	5	69000		62	66	53	57	52	51	67	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Boring/Area Identification					70A	70A	80A	80A	80A	80B	80B	80B	80C	80C	80C
Depth Below Ground Surface (Meters)					1	1.5	0.5	1	2.5	0.5	1	2	0.5	1.5	2.5
Analyte	Units	MDL ¹	MSG-L ²	PRG ⁴											
Arsenic	mg/kg	2	1100		5.5	5.9	4.1	5.3	5.2	5.7	5	4.3	6.3	4.5	5.2
Barium	mg/kg	5	N/A	5400	86	88	100	83	58	110	100	78	91	76	86
Beryllium	mg/kg	0.5	16000		0.5	0.85	BDL	0.58	0.71	0.56	BDL	BDL	0.66	0.51	0.7
Cadmium	mg/kg	0.5	130		0.53	0.59	BDL	BDL	BDL	BDL	0.6	BDL	0.51	BDL	BDL
Chromium (Total)	mg/kg	5	5700		19	26	13	20	23	20	16	13	24	18	22
Cobalt	mg/kg	5	N/A	4700	BDL	9.2	BDL	5.9	7.2	6.7	BDL	BDL	7.2	6.1	7.3
Copper	mg/kg	5	N/A	2900	11	17	8.1	12	14	12	11	7.7	14	11	13
Lead	mg/kg	2.5	2200		10	12	6.2	9.3	8.6	9.4	8.9	6.8	10	7.6	10
Manganese	mg/kg	5	N/A	1800	410	510	330	440	360	420	400	350	440	390	460
Mercury	mg/kg	0.1	33		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Molybdenum	mg/kg	5	1300		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Nickel	mg/kg	5	N/A	1600	17	23	11	18	20	17	15	12	21	16	19
Selenium	mg/kg	5	N/A	390	BDL	6.3	BDL	BDL	BDL	BDL	BDL	BDL	5.7	BDL	BDL
Silver	mg/kg	1	N/A	390	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Strontium	mg/kg	2.27	140000		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Zinc	mg/kg	5	69000		41	55	28	41	47	40	39	29	45	39	45

Notes:

1. MDL: Method Detection Limit; BDL: Below Detection Limit
2. MSG-L: Military Soil Guidelines-Long Term, TG 230
3. N/A: Not Applicable or Not Analyzed
4. EPA Region IX Preliminary Remediation Goal for Industrial Soil (mg/kg)

Environmental Assessment, Stronghold Freedom
 (U) (C//REL) Table C-2, Soil Results, Metals

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Boring/Area Identification					Area 1	Area 2	Area 3	Area 4	Area 5	Area 6	Area 7	Area 8	Area 11	Area 12	Area 13	Area 14	Area 15	Area 16	Area 17	Area 18	Area 19	
Depth Below Ground Surface (Meters)					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Analyte	Units	MDL ¹	MSG-L ²	PRG ⁴																		
Arsenic	mg/kg	2	1100		6.9	6.5	6.2	12	6.3	5.7	6	5.8	5.8	5.9	6.1	5.7	5.7	<45.3	<44.4	<44.9	<43.5	
Barium	mg/kg	5	N/A	5400	76	81	78	120	100	72	69	67	78	80	76	71	82	82.1	82.6	89.1	102	
Beryllium	mg/kg	0.5	16000		0.67	0.62	0.69	BDL	0.57	0.62	0.55	BDL	0.58	0.58	0.56	0.51	0.52	<2.27	<2.22	<2.24	<2.17	
Cadmium	mg/kg	0.5	130		BDL	BDL	0.87	BDL	BDL	BDL	BDL	BDL	0.58	0.52	0.53	BDL	1.2	<4.53	<4.44	<4.49	<4.35	
Chromium (Total)	mg/kg	5	5700		33	31	44	20	26	29	28	25	23	23	22	21	19	24.7	24.2	26.5	30.6	
Cobalt	mg/kg	5	N/A	4700	7.5	6.5	8.1	5.1	6.3	6.8	6.3	BDL	6.1	6.8	7	6.7	5.1	N/A	N/A	N/A	N/A	
Copper	mg/kg	5	N/A	2900	17	17	27	14	17	15	15	14	15	18	17	14	26	N/A	N/A	N/A	N/A	
Lead	mg/kg	2.5	2200		71	25	31	31	30	25	30	24	17	10	14	8.9	16	<12.2	<12	<11.3	<11.1	
Manganese	mg/kg	5	N/A	1800	450	470	550	360	540	470	630	370	440	490	440	440	390	N/A	N/A	N/A	N/A	
Mercury	mg/kg	0.1	33		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.05	<0.05	<0.04	<0.04	
Molybdenum	mg/kg	5	1300		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	N/A	N/A	N/A	
Nickel	mg/kg	5	N/A	1600	28	27	33	17	22	25	24	20	20	21	20	18	16	22.8	22.3	25.6	31.9	
Selenium	mg/kg	5	N/A	390	5.9	BDL	5.8	BDL	5.3	5.1	5.4	BDL	BDL	5.4	5.3	5.4	5.2	<11.3	<11.1	<11.2	<10.9	
Silver	mg/kg	1	N/A	390	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<2.27	<2.22	<2.24	<2.17	
Strontium	mg/kg	2.27	140000		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	151	163	145	179	
Zinc	mg/kg	5	69000		63	59	80	51	62	67	59	53	51	56	52	44	57	N/A	N/A	N/A	N/A	

Boring/Area Identification					Berm1	Berm2	Berm 3	Berm4	Berm5	Berm7	Area 81	Area 82	Area 83	Area 84
Depth Below Ground Surface (Meters)					N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0
Analyte	Units	MDL ¹	MSG-L ²	PRG ⁴										
Arsenic	mg/kg	2	1100		5.7	6.2	5.1	4.6	5.4	6	5.8	5.7	5.9	6.8
Barium	mg/kg	5	N/A	5400	96	160	87	60	95	150	68	90	92	160
Beryllium	mg/kg	0.5	16000		0.76	0.6	0.58	0.51	0.65	0.73	0.52	0.57	0.52	0.52
Cadmium	mg/kg	0.5	130		0.62	0.54	0.54	BDL	0.59	BDL	0.54	0.7	1.4	11
Chromium (Total)	mg/kg	5	5700		25	22	22	18	25	23	21	21	22	32
Cobalt	mg/kg	5	N/A	4700	5.8	BDL	6	BDL	BDL	7.1	6.5	6.6	6.4	7.2
Copper	mg/kg	5	N/A	2900	18	13	12	9.9	14	14	14	13	20	440
Lead	mg/kg	2.5	2200		23	22	25	23	26	10	11	11	47	170
Manganese	mg/kg	5	N/A	1800	510	420	430	340	450	420	420	430	430	450
Mercury	mg/kg	0.1	33		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.92
Molybdenum	mg/kg	5	1300		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	24
Nickel	mg/kg	5	N/A	1600	22	18	18	14	19	20	19	19	19	36
Selenium	mg/kg	5	N/A	390	7	6.8	5.6	5.4	6.3	5.9	BDL	BDL	BDL	6
Silver	mg/kg	1	N/A	390	0.1	<0.1	0.19	<0.1	<0.1	BDL	BDL	BDL	BDL	BDL
Strontium	mg/kg	2.27	140000		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Zinc	mg/kg	5	69000		61	50	40	33	60	54	50	54	70	850

Notes:

1. MDL: Method Detection Limit; BDL: Below Detection Limit
2. MSG-L: Military Soil Guidelines-Long Term, TG 230
3. N/A: Not Applicable or Not Analyzed

1F	1G	1G	1H	1H
3	2	3	2	3
4.4	3.3	4	3	5
79	94	84	110	97
0.63	BDL	0.68	0.53	0.57
BDL	BDL	BDL	BDL	BDL
27	14	25	21	20
6.3	BDL	7	5.8	6.3
12	6.5	11	11	12
8.1	5.1	7.7	7.3	8.2
440	300	430	390	450
BDL	BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL	BDL
22	11	22	17	20
5.3	BDL	BDL	BDL	BDL
<2	<2	<2	<2	<2
N/A	N/A	N/A	N/A	N/A
39	22	38	34	37

4B	4C	4C	4C
2	0	1	2
4	6.8	6	4.5
85	80	79	95
0.69	0.82	1.1	0.63
0.51	0.64	0.73	0.54
23	30	34	17
5.8	BDL	5.7	BDL
12	16	19	9.1
8.3	9.4	12	6.3
430	470	560	350
BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL
17	23	25	13
5.9	7.1	7.4	BDL
<0.1	<0.1	0.17	<0.1
N/A	N/A	N/A	N/A
41	51	62	30

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DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR

30F	30F	30G	40A
0.5	1.5	1.5	4.5
<44.7	<48.8	<47.9	8.9
89.2	93.3	88.7	79
<2.24	<2.44	<2.4	1
<4.47	<4.88	<4.79	BDL
28.7	25.6	22	29
N/A	N/A	N/A	12
N/A	N/A	N/A	20
<11.2	<12.2	<11.2	16
N/A	N/A	N/A	660
<0.04	<0.05	<0.05	BDL
N/A	N/A	N/A	BDL
27.6	24.6	22.9	26
<11.2	<12.2	<12	BDL
<2.24	<2.44	<2.4	BDL
130	171	146	N/A
N/A	N/A	N/A	81

DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR

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DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR

Area 20	Area 30	Area 31	Area 32	Area 33
0	0	0	0	0
<43.1	<41.9	<47	<44.1	<45.1
84.3	84.1	87.9	77.1	5.66
<2.15	<2.1	<2.35	<2.21	<2.26
<4.31	<4.19	<4.7	<4.41	<4.52
21	20.8	21.7	25.2	21.8
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A
<10.8	<10.5	<11.7	<11	<11.3
N/A	N/A	N/A	N/A	N/A
<0.042	<0.042	<0.047	<0.045	<0.045
N/A	N/A	N/A	N/A	N/A
21.2	21.7	22	24.6	21.5
<10.8	<10.5	<11.7	<11	<11.3
<2.1	<2.1	<2.35	<2.21	<2.26
175	139	150	148	208
N/A	N/A	N/A	N/A	N/A

DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR

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DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR

Environmental Assessment, Stronghold Freedom
 (U) (C//REL)-Table C-3, Soil Results, Volatile Organic Compounds (VOCs)

Boring/Area Identification					B	B	B	B	B	1A	1A	1B	1B	1C	1C	1D
Depth Below Ground Surface (Meters)					0	0.5	1.5	2.5	3.5	2	3	2	3	2	3	2
Analyte	Units	MDL ¹	MSG-L ²	PRG/RBC												
1,1,1,2-Tetrachloroethane	mg/kg	0.01	N/A	7	<0.003	<0.003	<0.003	<0.003	<0.003	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	mg/kg	0.01	N/A	1400	N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,2,2-Tetrachloroethane	mg/kg	0.01	N/A	0.9	<0.003	<0.003	<0.003	<0.003	<0.003	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,2-Trichloroethane	mg/kg	0.01	N/A	0.84	<0.003	<0.003	<0.003	<0.003	<0.003	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane	mg/kg	0.01	N/A	2100	<0.003	<0.003	<0.003	<0.003	<0.003	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethene	mg/kg	0.01	N/A		<0.003	<0.003	<0.003	<0.003	<0.003	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloropropene	mg/kg	0.01	N/A		<0.003	<0.003	<0.003	<0.003	<0.003	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	mg/kg	0.01	N/A		<0.003	<0.003	<0.003	<0.003	<0.003	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichloropropane	mg/kg	0.01	N/A	0.0031	<0.003	<0.003	<0.003	<0.003	<0.003	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	mg/kg	0.01	N/A	3000	<0.003	<0.003	<0.003	<0.003	<0.003	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	mg/kg	0.01	5190		<0.003	<0.003	<0.003	<0.003	<0.003	150	43	110	37	84	70	71
1,2-Dibromo-3-Chloropropane	mg/kg	0.01	N/A	4	<0.003	<0.003	<0.003	<0.003	<0.003	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dibromoethane	mg/kg	0.01	N/A	0.048	<0.003	<0.003	<0.003	<0.003	<0.003	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	mg/kg	0.01	N/A	370	<0.003	<0.003	<0.003	<0.003	<0.003	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane	mg/kg	0.01	N/A	0.76	<0.003	<0.003	<0.003	<0.003	<0.003	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	mg/kg	0.01	N/A	0.77	<0.003	<0.003	<0.003	<0.003	<0.003	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	mg/kg	0.01	5190		<0.003	<0.003	<0.003	<0.003	<0.003	21	16	13	13	31	24	24
1,3-Dichlorobenzene	mg/kg	0.01	N/A	52	<0.003	<0.003	<0.003	<0.003	<0.003	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,3-Dichloropropane	mg/kg	0.01	N/A		<0.003	<0.003	<0.003	<0.003	<0.003	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	mg/kg	0.01	N/A	8.1	<0.003	<0.003	<0.003	<0.003	<0.003	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1-Chlorobutane	mg/kg	0.026	N/A	480	<0.03	<0.03	<0.03	<0.03	<0.03	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2,2-Dichloropropane	mg/kg	0.01	N/A		<0.003	<0.003	<0.003	<0.003	<0.003	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Chlorotoluene	mg/kg	0.01	N/A	570	<0.003	<0.003	<0.003	<0.003	<0.003	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Hexanone	mg/kg	0.026	N/A		<0.03	<0.03	<0.03	<0.03	<0.03	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2-Nitropropane	mg/kg	0.026	N/A		<0.03	<0.03	<0.03	<0.03	<0.03	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2-Methoxy-2-Methylpropane	mg/kg	0.01	N/A		N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4-Chlorotoluene	mg/kg	0.01	N/A		<0.003	<0.003	<0.003	<0.003	<0.003	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4-Isopropyltoluene	mg/kg	0.003	N/A		<0.003	<0.003	<0.003	<0.003	<0.003	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Acetone	mg/kg	0.026	16		<0.03	<0.03	<0.03	<0.03	<0.03	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Acrylonitrile	mg/kg	0.026	N/A	0.51	<0.03	<0.03	<0.03	<0.03	<0.03	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Allyl chloride	mg/kg	0.026	N/A	43000	<0.03	<0.03	<0.03	<0.03	<0.03	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Benzene	mg/kg	0.01	310		<0.003	<0.003	<0.003	<0.003	<0.003	BDL	BDL	BDL	BDL	0.93	BDL	BDL
Bromobenzene	mg/kg	0.01	N/A	92	<0.003	<0.003	<0.003	<0.003	<0.003	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromochloromethane	mg/kg	0.01	N/A		<0.003	<0.003	<0.003	<0.003	<0.003	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane	mg/kg	0.01	N/A	2.4	<0.003	<0.003	<0.003	<0.003	<0.003	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	mg/kg	0.01	N/A	310	<0.003	<0.003	<0.003	<0.003	<0.003	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	mg/kg	0.01	N/A	13	<0.003	<0.003	<0.003	<0.003	<0.003	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Carbon Disulfide	mg/kg	0.026	720		<0.03	<0.03	<0.03	<0.03	<0.03	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Carbontetrachloride	mg/kg	0.01	N/A	0.53	<0.003	<0.003	<0.003	<0.003	<0.003	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroacetonitrile	mg/kg	0.026	N/A		<0.03	<0.03	<0.03	<0.03	<0.03	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chlorobenzene	mg/kg	0.01	N/A	540	<0.003	<0.003	<0.003	<0.003	<0.003	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	mg/kg	0.01	N/A	6.5	<0.003	<0.003	<0.003	<0.003	<0.003	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	mg/kg	0.01	N/A	58	<0.003	<0.003	<0.003	<0.003	<0.003	BDL	BDL	BDL	BDL	BDL	BDL	BDL

Chemical	mg/kg	0.01	DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR	0.01	0.003	0.003	0.003	0.003	0.003	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	mg/kg	0.01	N/A		<0.003	<0.003	<0.003	<0.003	<0.003	BDL	BDL	BDL	BDL	BDL	BDL
Cis 1,2-Dichloroethene	mg/kg	0.01	N/A	1.6	<0.003	<0.003	<0.003	<0.003	<0.003	BDL	BDL	BDL	BDL	BDL	BDL
Cis 1,3-Dichloropropene	mg/kg	0.01	N/A	2.7	<0.003	<0.003	<0.003	<0.003	<0.003	BDL	BDL	BDL	BDL	BDL	BDL
Dibromochloromethane	mg/kg	0.01	N/A		<0.003	<0.003	<0.003	<0.003	<0.003	BDL	BDL	BDL	BDL	BDL	BDL
Dibromomethane	mg/kg	0.01	N/A		<0.003	<0.003	<0.003	<0.003	<0.003	BDL	BDL	BDL	BDL	BDL	BDL
Dichlorodifluoromethane	mg/kg	0.01	N/A	310	<0.003	<0.003	<0.003	<0.003	<0.003	BDL	BDL	BDL	BDL	BDL	BDL
Ethyl ether	mg/kg	0.026	N/A	1800	<0.03	<0.03	<0.03	<0.03	<0.03	N/A	N/A	N/A	N/A	N/A	N/A
Ethyl methacrylate	mg/kg	0.026	N/A	140	<0.03	<0.03	<0.03	<0.03	<0.03	N/A	N/A	N/A	N/A	N/A	N/A
Ethylbenzene	mg/kg	0.01	230		<0.003	<0.003	<0.003	<0.003	<0.003	31	8.4	13	7.7	16	14
Hexachlorobutadiene	mg/kg	0.01	N/A	32	<0.003	<0.003	<0.003	<0.003	<0.003	BDL	BDL	BDL	BDL	BDL	BDL
Hexachloroethane	mg/kg	0.026	N/A	180	<0.03	<0.03	<0.03	<0.03	<0.03	N/A	N/A	N/A	N/A	N/A	N/A
Isopropylbenzene	mg/kg	0.01	N/A		<0.003	<0.003	<0.003	<0.003	<0.003	21	6	13	5.2	12	8.9
Methacrylonitrile	mg/kg	0.026	N/A	8.8	<0.03	<0.03	<0.03	<0.03	<0.03	N/A	N/A	N/A	N/A	N/A	N/A
Methyl Acrylate	mg/kg	0.026	N/A	230	<0.03	<0.03	<0.03	<0.03	<0.03	N/A	N/A	N/A	N/A	N/A	N/A
Methyl Chloroform	mg/kg	0.003	N/A		<2.18	<2.08	<2.31	<2.4	<2.48	N/A	N/A	N/A	N/A	N/A	N/A
Methyl Ethyl Ketone	mg/kg	0.026	34000		<0.03	<0.03	<0.03	<0.03	<0.03	N/A	N/A	N/A	N/A	N/A	N/A
Methyl iodide	mg/kg	0.026	N/A		<0.03	<0.03	<0.03	<0.03	<0.03	N/A	N/A	N/A	N/A	N/A	N/A
Methyl Isobutyl Ketone	mg/kg	0.026	N/A	2900	<0.03	<0.03	<0.03	<0.03	<0.03	N/A	N/A	N/A	N/A	N/A	N/A
Methyl methacrylate	mg/kg	0.026	N/A	500	<0.03	<0.03	<0.03	<0.03	<0.03	N/A	N/A	N/A	N/A	N/A	N/A
Methylene Chloride	mg/kg	0.01	N/A	21	<0.003	<0.003	<0.003	<0.003	<0.003	BDL	BDL	BDL	BDL	BDL	BDL
Methyl-tert-butyl-ether	mg/kg	0.026	N/A		<0.03	<0.03	<0.03	<0.03	<0.03	N/A	N/A	N/A	N/A	N/A	N/A
Naphthalene	mg/kg	0.01	220		<0.003	<0.003	<0.003	<0.003	<0.003	56	20	30	15	35	28
n-Butylbenzene	mg/kg	0.01	N/A	240 PRG	<0.003	<0.003	<0.003	<0.003	<0.003	33	10	30	7.5	20	15
n-Propylbenzene	mg/kg	0.01	240		<0.003	<0.003	<0.003	<0.003	<0.003	41	12	29	11	22	18
p-Isopropyltoluene	mg/kg	0.01	N/A		N/A	N/A	N/A	N/A	N/A	17	5	14	BDL	11	7.8
Pentachloroethane	mg/kg	0.026	N/A		<0.03	<0.03	<0.03	<0.03	<0.03	N/A	N/A	N/A	N/A	N/A	N/A
Propionitrile	mg/kg	0.026	N/A		<0.03	<0.03	<0.03	<0.03	<0.03	N/A	N/A	N/A	N/A	N/A	N/A
sec-Butylbenzene	mg/kg	0.01	230		<0.003	<0.003	<0.003	<0.003	<0.003	22	6.2	18	5.7	13	10
Styrene	mg/kg	0.01	N/A	1700	<0.003	<0.003	<0.003	<0.003	<0.003	BDL	BDL	BDL	BDL	BDL	BDL
tert-Butylbenzene	mg/kg	0.01	N/A	390	<0.003	<0.003	<0.003	<0.003	<0.003	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethene	mg/kg	0.01	N/A		<0.003	<0.003	<0.003	<0.003	<0.003	BDL	BDL	BDL	BDL	BDL	BDL
Tetrahydrofuran	mg/kg	0.026	N/A	320	<0.03	<0.03	<0.03	<0.03	<0.03	N/A	N/A	N/A	N/A	N/A	N/A
Toluene	mg/kg	0.01	520		<0.003	<0.003	<0.003	<0.003	<0.003	5.6	4.7	7.4	4.3	5.3	6.3
Trans 1,2-Dichloroethene	mg/kg	0.01	N/A		<0.003	<0.003	<0.003	<0.003	<0.003	BDL	BDL	BDL	BDL	BDL	BDL
Trans 1,3-Dichloropropene	mg/kg	0.01	N/A	1.6	<0.003	<0.003	<0.003	<0.003	<0.003	BDL	BDL	BDL	BDL	BDL	BDL
Trans-1,4-Dichloro-2-Butene	mg/kg	0.003	N/A	0.018	<0.03	<0.03	<0.03	<0.03	<0.03	N/A	N/A	N/A	N/A	N/A	N/A
Trichloroethene	mg/kg	0.01	N/A		<0.003	<0.003	<0.003	<0.003	<0.003	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	mg/kg	0.01	N/A	2000	<0.003	0.0043	<0.003	<0.003	<0.003	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	mg/kg	0.01	N/A	0.83	<0.003	<0.003	<0.003	<0.003	<0.003	BDL	BDL	BDL	BDL	BDL	BDL
Xylene (m-, p-)	mg/kg	0.003	N/A	210	<0.003	<0.003	<0.003	<0.003	<0.003	N/A	N/A	N/A	N/A	N/A	N/A
Xylene (o-)	mg/kg	0.003	N/A	210	<0.003	<0.003	<0.003	<0.003	<0.003	N/A	N/A	N/A	N/A	N/A	N/A
Xylenes, total	mg/kg	0.01	210		N/A	N/A	N/A	N/A	N/A	180	53	88	30	100	72

- Notes:
1. MDL: Method Detection Limit; BDL: Below Detection Limit
 2. MSG-L: Military Soil Guidelines-Long Term, TG 230
 3. N/A: Not Applicable or Not Analyzed
 4. EPA Region IX Preliminary Remediation Goal for Industrial Soil (mg/kg)

Environmental Assessment, Stronghold Freedom
 (U) (C//REL) Table C-3, Soil Results, Volatile Organic Compounds (VOCs)

Boring/Area Identification					1F	1G	1G	1H	1H	2A	2A	2A	2A	2B	2B	2B
Depth Below Ground Surface (Meters)					3	2	3	2	3	1	2	3	3.5	1	2	3
Analyte	Units	MDL ¹	MSG-L ²	PRG/RBC												
1,1,1,2-Tetrachloroethane	mg/kg	0.01	N/A	7	BDL	BDL	BDL	BDL	BDL	<1.0	<2.0	<2.0	<2.0	<2.0	<4.0	<1.0
1,1,1-Trichloroethane	mg/kg	0.01	N/A	1400	BDL	BDL	BDL	BDL	BDL	<1.0	<2.0	<2.0	<2.0	<2.0	<4.0	<1.0
1,1,2,2-Tetrachloroethane	mg/kg	0.01	N/A	0.9	BDL	BDL	BDL	BDL	BDL	<1.0	<2.0	<2.0	<2.0	<2.0	<4.0	<1.0
1,1,2-Trichloroethane	mg/kg	0.01	N/A	0.84	BDL	BDL	BDL	BDL	BDL	<1.0	<2.0	<2.0	<2.0	<2.0	<4.0	<1.0
1,1-Dichloroethane	mg/kg	0.01	N/A	2100	BDL	BDL	BDL	BDL	BDL	<1.0	<2.0	<2.0	<2.0	<2.0	<4.0	<1.0
1,1-Dichloroethene	mg/kg	0.01	N/A		BDL	BDL	BDL	BDL	BDL	<1.0	<2.0	<2.0	<2.0	<2.0	<4.0	<1.0
1,1-Dichloropropene	mg/kg	0.01	N/A		BDL	BDL	BDL	BDL	BDL	<1.0	<2.0	<2.0	<2.0	<2.0	<4.0	<1.0
1,2,3-Trichlorobenzene	mg/kg	0.01	N/A		BDL	BDL	BDL	BDL	BDL	<1.0	<2.0	<2.0	<2.0	<2.0	<4.0	<1.0
1,2,3-Trichloropropane	mg/kg	0.01	N/A	0.0031	BDL	BDL	BDL	BDL	BDL	<1.0	<2.0	<2.0	<2.0	<2.0	<4.0	<1.0
1,2,4-Trichlorobenzene	mg/kg	0.01	N/A	3000	BDL	BDL	BDL	BDL	BDL	<1.0	<2.0	<2.0	<2.0	<2.0	<4.0	<1.0
1,2,4-Trimethylbenzene	mg/kg	0.01	5190		45	170	28	140	36	150	220	59	43	47	230	5.3
1,2-Dibromo-3-Chloropropane	mg/kg	0.01	N/A	4	BDL	BDL	BDL	BDL	BDL	<1.0	<2.0	<2.0	<2.0	<2.0	<4.0	<1.0
1,2-Dibromoethane	mg/kg	0.01	N/A	0.048	BDL	BDL	BDL	BDL	BDL	<1.0	<2.0	<2.0	<2.0	<2.0	<4.0	<1.0
1,2-Dichlorobenzene	mg/kg	0.01	N/A	370	BDL	BDL	BDL	BDL	BDL	<1.0	<2.0	<2.0	<2.0	<2.0	<4.0	<1.0
1,2-Dichloroethane	mg/kg	0.01	N/A	0.76	BDL	BDL	BDL	BDL	BDL	<1.0	<2.0	<2.0	<2.0	<2.0	<4.0	<1.0
1,2-Dichloropropane	mg/kg	0.01	N/A	0.77	BDL	BDL	BDL	BDL	BDL	<1.0	<2.0	<2.0	<2.0	<2.0	<4.0	<1.0
1,3,5-Trimethylbenzene	mg/kg	0.01	5190		15	64	9.4	51	12	53	66	20	14	3.7	72	<1.0
1,3-Dichlorobenzene	mg/kg	0.01	N/A	52	BDL	BDL	BDL	BDL	BDL	<1.0	<2.0	<2.0	<2.0	<2.0	<4.0	<1.0
1,3-Dichloropropane	mg/kg	0.01	N/A		BDL	BDL	BDL	BDL	BDL	<1.0	<2.0	<2.0	<2.0	<2.0	<4.0	<1.0
1,4-Dichlorobenzene	mg/kg	0.01	N/A	8.1	BDL	BDL	BDL	BDL	BDL	<1.0	<2.0	<2.0	<2.0	<2.0	<4.0	<1.0
1-Chlorobutane	mg/kg	0.026	N/A	480	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2,2-Dichloropropane	mg/kg	0.01	N/A		BDL	BDL	BDL	BDL	BDL	<1.0	<2.0	<2.0	<2.0	<2.0	<4.0	<1.0
2-Chlorotoluene	mg/kg	0.01	N/A	570	BDL	BDL	BDL	BDL	BDL	<1.0	<2.0	<2.0	<2.0	<2.0	<4.0	<1.0
2-Hexanone	mg/kg	0.026	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2-Nitropropane	mg/kg	0.026	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2-Methoxy-2-Methylpropane	mg/kg	0.01	N/A		BDL	BDL	BDL	BDL	BDL	<1.0	<2.0	<2.0	<2.0	<2.0	<4.0	<1.0
4-Chlorotoluene	mg/kg	0.01	N/A		BDL	BDL	BDL	BDL	BDL	<1.0	<2.0	<2.0	<2.0	<2.0	<4.0	<1.0
4-Isopropyltoluene	mg/kg	0.003	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Acetone	mg/kg	0.026	16		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Acrylonitrile	mg/kg	0.026	N/A	0.51	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Allyl chloride	mg/kg	0.026	N/A	43000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Benzene	mg/kg	0.01	310		BDL	BDL	BDL	BDL	BDL	<1.0	<2.0	<2.0	<2.0	<2.0	<4.0	<1.0
Bromobenzene	mg/kg	0.01	N/A	92	BDL	BDL	BDL	BDL	BDL	<1.0	<2.0	<2.0	<2.0	<2.0	<4.0	<1.0
Bromochloromethane	mg/kg	0.01	N/A		BDL	BDL	BDL	BDL	BDL	<1.0	<2.0	<2.0	<2.0	<2.0	<4.0	<1.0
Bromodichloromethane	mg/kg	0.01	N/A	2.4	BDL	BDL	BDL	BDL	BDL	<1.0	<2.0	<2.0	<2.0	<2.0	<4.0	<1.0
Bromoform	mg/kg	0.01	N/A	310	BDL	BDL	BDL	BDL	BDL	<1.0	<2.0	<2.0	<2.0	<2.0	<4.0	<1.0
Bromomethane	mg/kg	0.01	N/A	13	BDL	BDL	BDL	BDL	BDL	<1.0	<2.0	<2.0	<2.0	<2.0	<4.0	<1.0
Carbon Disulfide	mg/kg	0.026	720		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Carbontetrachloride	mg/kg	0.01	N/A	0.53	BDL	BDL	BDL	BDL	BDL	<1.0	<2.0	<2.0	<2.0	<2.0	<4.0	<1.0
Chloroacetonitrile	mg/kg	0.026	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chlorobenzene	mg/kg	0.01	N/A	540	BDL	BDL	BDL	BDL	BDL	<1.0	<2.0	<2.0	<2.0	<2.0	<4.0	<1.0
Chloroethane	mg/kg	0.01	N/A	6.5	BDL	BDL	BDL	BDL	BDL	<1.0	<2.0	<2.0	<2.0	<2.0	<4.0	<1.0
Chloroform	mg/kg	0.01	DE N/A	ASS	BDL	BDL	BDL	BDL	BDL	<1.0	<2.0	<2.0	<2.0	<2.0	<4.0	<1.0

DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR

			DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR	DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR	DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR	DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR	DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR	DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR	DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR	DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR	DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR	DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR	DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR	DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR	DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR	DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR
Chloromethane	mg/kg	0.01	N/A	310	BDL	BDL	BDL	BDL	BDL	BDL	<2.0	<2.0	<2.0	<2.0	<4.0	<1.0
Cis 1,2-Dichloroethene	mg/kg	0.01	N/A		BDL	BDL	BDL	BDL	BDL	BDL	<1.0	<2.0	<2.0	<2.0	<2.0	<4.0
Cis 1,3-Dichloropropene	mg/kg	0.01	N/A	1.6	BDL	BDL	BDL	BDL	BDL	BDL	<1.0	<2.0	<2.0	<2.0	<2.0	<4.0
Dibromochloromethane	mg/kg	0.01	N/A	2.7	BDL	BDL	BDL	BDL	BDL	BDL	<1.0	<2.0	<2.0	<2.0	<2.0	<4.0
Dibromomethane	mg/kg	0.01	N/A		BDL	BDL	BDL	BDL	BDL	BDL	<1.0	<2.0	<2.0	<2.0	<2.0	<4.0
Dichlorodifluoromethane	mg/kg	0.01	N/A	310	BDL	BDL	BDL	BDL	BDL	BDL	<1.0	<2.0	<2.0	<2.0	<2.0	<4.0
Ethyl ether	mg/kg	0.026	N/A	1800	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Ethyl methacrylate	mg/kg	0.026	N/A	140	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Ethylbenzene	mg/kg	0.01	230		6.6	39	5.2	28	7.3	32	50	13	9.8	<2.0	50	2.9
Hexachlorobutadiene	mg/kg	0.01	N/A	32	BDL	BDL	BDL	BDL	BDL	BDL	<1.0	<2.0	<2.0	<2.0	<2.0	<4.0
Hexachloroethane	mg/kg	0.026	N/A	180	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Isopropylbenzene	mg/kg	0.01	N/A		5.1	25	3.6	19	4.5	31	36	10	7.5	<2.0	10	36
Methacrylonitrile	mg/kg	0.026	N/A	8.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl Acrylate	mg/kg	0.026	N/A	230	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl Chloroform	mg/kg	0.003	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl Ethyl Ketone	mg/kg	0.026	34000		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl iodide	mg/kg	0.026	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl Isobutyl Ketone	mg/kg	0.026	N/A	2900	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl methacrylate	mg/kg	0.026	N/A	500	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methylene Chloride	mg/kg	0.01	N/A	21	BDL	BDL	BDL	BDL	BDL	BDL	<1.0	<2.0	<2.0	240	<2.0	<4.0
Methyl-tert-butyl-ether	mg/kg	0.026	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Naphthalene	mg/kg	0.01	220		23	68	13	56	14	53	66	22	17	9.8	80	4.4
n-Butylbenzene	mg/kg	0.01	N/A	240 PRG	10	39	6.4	32	8	47	55	16	8.1	4.2	57	2.6
n-Propylbenzene	mg/kg	0.01	240		11	48	7.3	38	9.1	58	71	20	17	20	72	4.5
p-Isopropyltoluene	mg/kg	0.01	N/A		5.1	21	BDL	17	4.2	26	29	7.8	6.2	7.4	29	1.6
Pentachloroethane	mg/kg	0.026	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Propionitrile	mg/kg	0.026	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
sec-Butylbenzene	mg/kg	0.01	230		6.4	27	4.1	20	5	36	39	10	8.6	14	39	2.4
Styrene	mg/kg	0.01	N/A	1700	BDL	BDL	BDL	BDL	BDL	BDL	<1.0	<2.0	<2.0	<2.0	<2.0	<4.0
tert-Butylbenzene	mg/kg	0.01	N/A	390	BDL	BDL	BDL	BDL	BDL	BDL	2.1	2.1	<2.0	<2.0	<2.0	<4.0
Tetrachloroethene	mg/kg	0.01	N/A		BDL	BDL	BDL	BDL	BDL	BDL	<1.0	<2.0	<2.0	<2.0	<2.0	<4.0
Tetrahydrofuran	mg/kg	0.026	N/A	320	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Toluene	mg/kg	0.01	520		4.3	BDL	BDL	14	6	11	33	3.2	<2.0	<2.0	<4.0	<1.0
Trans 1,2-Dichloroethene	mg/kg	0.01	N/A		BDL	BDL	BDL	BDL	BDL	BDL	<1.0	<2.0	<2.0	<2.0	<2.0	<4.0
Trans 1,3-Dichloropropene	mg/kg	0.01	N/A	1.6	BDL	BDL	BDL	BDL	BDL	BDL	<1.0	<2.0	<2.0	<2.0	<2.0	<4.0
Trans-1,4-Dichloro-2-Butene	mg/kg	0.026	N/A	0.018	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Trichloroethene	mg/kg	0.01	N/A		BDL	BDL	BDL	BDL	BDL	BDL	<1.0	<2.0	<2.0	<2.0	<2.0	<4.0
Trichlorofluoromethane	mg/kg	0.01	N/A	2000	BDL	BDL	BDL	BDL	BDL	BDL	<1.0	<2.0	<2.0	<2.0	<2.0	<4.0
Vinyl Chloride	mg/kg	0.01	N/A	0.83	BDL	BDL	BDL	BDL	BDL	BDL	<1.0	<2.0	<2.0	<2.0	<2.0	<4.0
Xylene (m-, p-)	mg/kg	0.003	N/A	210	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Xylene (o-)	mg/kg	0.003	N/A	210	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Xylenes, total	mg/kg	0.01	N/A	210	43	180	23	190	43	160	250	57	22	3.9	270	3.5

- Notes:
1. MDL: Method Detection Limit; BDL: Below Detection Limit
 2. MSG-L: Military Soil Guidelines-Long Term, TG 230
 3. N/A: Not Applicable or Not Analyzed
 4. EPA Region IX Preliminary Remediation Goal for Industrial Soil (mg/kg)

Environmental Assessment, Stronghold Freedom **DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR**
 (U) (C//REL) Table C-3, Soil Results, Volatile Organic Compounds (VOCs)

Boring/Area Identification					2C	4A	4A	4A	4B	4B	4B	4C	4C	4C	5B	5B
Depth Below Ground Surface (Meters)					3.5	0	1	2	0	1	2	0	1	2	0	1
Analyte	Units	MDL ¹	MSG-L ²	PRG/RBC												
1,1,1,2-Tetrachloroethane	mg/kg	0.01	N/A	7	<1.0	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	<1.0
1,1,1-Trichloroethane	mg/kg	0.01	N/A	1400	<1.0	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	<1.0
1,1,2,2-Tetrachloroethane	mg/kg	0.01	N/A	0.9	<1.0	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	<1.0
1,1,2-Trichloroethane	mg/kg	0.01	N/A	0.84	<1.0	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	<1.0
1,1-Dichloroethane	mg/kg	0.01	N/A	2100	<1.0	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	<1.0
1,1-Dichloroethene	mg/kg	0.01	N/A		<1.0	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	<1.0
1,1-Dichloropropene	mg/kg	0.01	N/A		<1.0	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	<1.0
1,2,3-Trichlorobenzene	mg/kg	0.01	N/A		<1.0	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	<1.0
1,2,3-Trichloropropane	mg/kg	0.01	N/A	0.0031	<1.0	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	<1.0
1,2,4-Trichlorobenzene	mg/kg	0.01	N/A	3000	<1.0	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	15
1,2,4-Trimethylbenzene	mg/kg	0.01	5190		5.7	BDL	26	110	BDL	7	77	BDL	BDL	BDL	BDL	<1.0
1,2-Dibromo-3-Chloropropane	mg/kg	0.01	N/A	4	<1.0	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	<1.0
1,2-Dibromoethane	mg/kg	0.01	N/A	0.048	<1.0	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	<1.0
1,2-Dichlorobenzene	mg/kg	0.01	N/A	370	<1.0	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	<1.0
1,2-Dichloroethane	mg/kg	0.01	N/A	0.76	<1.0	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	<1.0
1,2-Dichloropropane	mg/kg	0.01	N/A	0.77	<1.0	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	<1.0
1,3,5-Trimethylbenzene	mg/kg	0.01	5190		3.2	BDL	19	51	BDL	5	26	BDL	BDL	BDL	BDL	4.5
1,3-Dichlorobenzene	mg/kg	0.01	N/A	52	<1.0	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	<1.0
1,3-Dichloropropane	mg/kg	0.01	N/A		<1.0	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	<1.0
1,4-Dichlorobenzene	mg/kg	0.01	N/A	8.1	<1.0	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	<1.0
1-Chlorobutane	mg/kg	0.026	N/A	480	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2,2-Dichloropropane	mg/kg	0.01	N/A		<1.0	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	<1.0
2-Chlorotoluene	mg/kg	0.01	N/A	570	<1.0	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	<1.0
2-Hexanone	mg/kg	0.026	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2-Nitropropane	mg/kg	0.026	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2-Methoxy-2-Methylpropane	mg/kg	0.01	N/A		<1.0	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	<1.0
4-Chlorotoluene	mg/kg	0.01	N/A		<1.0	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	<1.0
4-Isopropyltoluene	mg/kg	0.003	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Acetone	mg/kg	0.026	16		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Acrylonitrile	mg/kg	0.026	N/A	0.51	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Allyl chloride	mg/kg	0.026	N/A	43000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Benzene	mg/kg	0.01	310		<1.0	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	<1.0
Bromobenzene	mg/kg	0.01	N/A	92	<1.0	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	<1.0
Bromochloromethane	mg/kg	0.01	N/A		<1.0	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	<1.0
Bromodichloromethane	mg/kg	0.01	N/A	2.4	<1.0	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	<1.0
Bromoform	mg/kg	0.01	N/A	310	<1.0	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	<1.0
Bromomethane	mg/kg	0.01	N/A	13	<1.0	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	<1.0
Carbon Disulfide	mg/kg	0.026	720		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Carbontetrachloride	mg/kg	0.01	N/A	0.53	<1.0	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	<1.0
Chloroacetonitrile	mg/kg	0.026	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chlorobenzene	mg/kg	0.01	N/A	540	<1.0	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	<1.0
Chloroethane	mg/kg	0.01	N/A	6.5	<1.0	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	<1.0
Chloroform	mg/kg	0.01	DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR		<1.0	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	<1.0

Chemical	Unit	MDL	MSG-L	RI	REL TO USA	AUS	CAN	and GBR	MR	USA	AUS	CAN	and GBR	MR	USA	AUS	CAN	and GBR	MR
Chloromethane	mg/kg	0.01	DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR		<1.0	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<1.0
Cis 1,2-Dichloroethene	mg/kg	0.01	N/A		<1.0	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<1.0
Cis 1,3-Dichloropropene	mg/kg	0.01	N/A	1.6	<1.0	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<1.0
Dibromochloromethane	mg/kg	0.01	N/A	2.7	<1.0	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<1.0
Dibromomethane	mg/kg	0.01	N/A		<1.0	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<1.0
Dichlorodifluoromethane	mg/kg	0.01	N/A	310	<1.0	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<1.0
Ethyl ether	mg/kg	0.026	N/A	1800	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Ethyl methacrylate	mg/kg	0.026	N/A	140	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Ethylbenzene	mg/kg	0.01	230		4.4	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1
Hexachlorobutadiene	mg/kg	0.01	N/A	32	<1.0	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<1.0
Hexachloroethane	mg/kg	0.026	N/A	180	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Isopropylbenzene	mg/kg	0.01	N/A		3.2	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.5
Methacrylonitrile	mg/kg	0.026	N/A	8.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl Acrylate	mg/kg	0.026	N/A	230	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl Chloroform	mg/kg	0.003	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl Ethyl Ketone	mg/kg	0.026	34000		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl iodide	mg/kg	0.026	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl Isobutyl Ketone	mg/kg	0.026	N/A	2900	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl methacrylate	mg/kg	0.026	N/A	500	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methylene Chloride	mg/kg	0.01	N/A	21	<1.0	BDL	56	47	BDL	43	46	BDL	BDL	BDL	BDL	BDL	BDL	BDL	47
Methyl-tert-butyl-ether	mg/kg	0.026	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Naphthalene	mg/kg	0.01	220		8	BDL	2	40	BDL	4.3	35	BDL	BDL	BDL	BDL	BDL	BDL	BDL	9.9
n-Butylbenzene	mg/kg	0.01	N/A	240 PRG	3.1	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.1
n-Propylbenzene	mg/kg	0.01	240		7.3	BDL	2.7	32	BDL	2	31	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4
p-Isopropyltoluene	mg/kg	0.01	N/A		2.2	BDL	5.9	21	BDL	2.6	13	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.8
Pentachloroethane	mg/kg	0.026	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Propionitrile	mg/kg	0.026	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
sec-Butylbenzene	mg/kg	0.01	230		3.9	BDL	5.4	21	BDL	1.7	17	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.3
Styrene	mg/kg	0.01	N/A	1700	<1.0	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<1.0
tert-Butylbenzene	mg/kg	0.01	N/A	390	<1.0	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<1.0
Tetrachloroethene	mg/kg	0.01	N/A		<1.0	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<1.0
Tetrahydrofuran	mg/kg	0.026	N/A	320	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Toluene	mg/kg	0.01	520		<1.0	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<1.0
Trans 1,2-Dichloroethene	mg/kg	0.01	N/A		<1.0	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<1.0
Trans 1,3-Dichloropropene	mg/kg	0.01	N/A	1.6	<1.0	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<1.0
Trans-1,4-Dichloro-2-Butene	mg/kg	0.026	N/A	0.018	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Trichloroethene	mg/kg	0.01	N/A		<1.0	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<1.0
Trichlorofluoromethane	mg/kg	0.01	N/A	2000	<1.0	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<1.0
Vinyl Chloride	mg/kg	0.01	N/A	0.83	<1.0	BDL	<2.0	<2.0	BDL	<1.0	<2.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<1.0
Xylene (m-, p-)	mg/kg	0.003	N/A	210	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Xylene (o-)	mg/kg	0.003	N/A	210	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Xylenes, total	mg/kg	0.01	210		<1.0	BDL	8.5	51	BDL	<1.0	18	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.8

- Notes:
1. MDL: Method Detection Limit; BDL: Below Detection Limit
 2. MSG-L: Military Soil Guidelines-Long Term, TG 230
 3. N/A: Not Applicable or Not Analyzed
 4. EPA Region IX Preliminary Remediation Goal for Industrial Soil (mg/kg)

Environmental Assessment, Stronghold Freedom ~~CONFIDENTIAL~~ REL TO USA, AUS, CAN and GBR//MR
 (U) (C//REL) Table C-3, Soil Results, Volatile Organic Compounds (VOCs)

Boring/Area Identification					20A	20B	20C	20D	20D	20E	30A	30A	30B	30B	30C	30C
Depth Below Ground Surface (Meters)					2	3	2	2	3.5	2.5	0.5	1.5	0.5	1.5	0.5	1.5
Analyte	Units	MDL ¹	MSG-L ²	PRG/RBC												
1,1,1,2-Tetrachloroethane	mg/kg	0.01	N/A	7	BDL	BDL	BDL	BDL	BDL	BDL	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
1,1,1-Trichloroethane	mg/kg	0.01	N/A	1400	BDL	BDL	BDL	BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	N/A
1,1,2,2-Tetrachloroethane	mg/kg	0.01	N/A	0.9	BDL	BDL	BDL	BDL	BDL	BDL	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
1,1,2-Trichloroethane	mg/kg	0.01	N/A	0.84	BDL	BDL	BDL	BDL	BDL	BDL	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
1,1-Dichloroethane	mg/kg	0.01	N/A	2100	BDL	BDL	BDL	BDL	BDL	BDL	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
1,1-Dichloroethene	mg/kg	0.01	N/A		BDL	BDL	BDL	BDL	BDL	BDL	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
1,1-Dichloropropene	mg/kg	0.01	N/A		BDL	BDL	BDL	BDL	BDL	BDL	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
1,2,3-Trichlorobenzene	mg/kg	0.01	N/A		BDL	BDL	BDL	BDL	BDL	BDL	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
1,2,3-Trichloropropane	mg/kg	0.01	N/A	0.0031	BDL	BDL	BDL	BDL	BDL	BDL	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
1,2,4-Trichlorobenzene	mg/kg	0.01	N/A	3000	BDL	BDL	BDL	BDL	BDL	BDL	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
1,2,4-Trimethylbenzene	mg/kg	0.01	5190		87	BDL	86	330	39	BDL	<0.003	<0.003	<0.003	0.0026	<0.003	<0.003
1,2-Dibromo-3-Chloropropane	mg/kg	0.01	N/A	4	BDL	BDL	BDL	BDL	BDL	BDL	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
1,2-Dibromoethane	mg/kg	0.01	N/A	0.048	BDL	BDL	BDL	BDL	BDL	BDL	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
1,2-Dichlorobenzene	mg/kg	0.01	N/A	370	BDL	BDL	BDL	BDL	BDL	BDL	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
1,2-Dichloroethane	mg/kg	0.01	N/A	0.76	BDL	BDL	BDL	BDL	BDL	BDL	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
1,2-Dichloropropane	mg/kg	0.01	N/A	0.77	BDL	BDL	BDL	BDL	BDL	BDL	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
1,3,5-Trimethylbenzene	mg/kg	0.01	5190		34	BDL	3.7	110	14	BDL	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
1,3-Dichlorobenzene	mg/kg	0.01	N/A	52	BDL	BDL	BDL	BDL	BDL	BDL	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
1,3-Dichloropropane	mg/kg	0.01	N/A		BDL	BDL	BDL	BDL	BDL	BDL	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
1,4-Dichlorobenzene	mg/kg	0.01	N/A	8.1	BDL	BDL	BDL	BDL	BDL	BDL	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
1-Chlorobutane	mg/kg	0.026	N/A	480	N/A	N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	mg/kg	0.01	N/A		BDL	BDL	BDL	BDL	BDL	BDL	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
2-Chlorotoluene	mg/kg	0.01	N/A	570	BDL	BDL	BDL	BDL	BDL	BDL	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
2-Hexanone	mg/kg	0.026	N/A		N/A	N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL	BDL	BDL	BDL
2-Nitropropane	mg/kg	0.026	N/A		N/A	N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL	BDL	BDL	BDL
2-Methoxy-2-Methylpropane	mg/kg	0.01	N/A		BDL	BDL	BDL	BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	N/A
4-Chlorotoluene	mg/kg	0.01	N/A		BDL	BDL	BDL	BDL	BDL	BDL	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
4-Isopropyltoluene	mg/kg	0.003	N/A		N/A	N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL	BDL	BDL	BDL
Acetone	mg/kg	0.026	16		N/A	N/A	N/A	N/A	N/A	N/A	0.0296	0.0528	BDL	0.0426	0.0248	BDL
Acrylonitrile	mg/kg	0.026	N/A	0.51	N/A	N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL	BDL	BDL	BDL
Allyl chloride	mg/kg	0.026	N/A	43000	N/A	N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL	BDL	BDL	BDL
Benzene	mg/kg	0.01	310		BDL	BDL	BDL	5.1	BDL	BDL	<0.003	0.0131	<0.003	0.0117	<0.003	<0.003
Bromobenzene	mg/kg	0.01	N/A	92	BDL	BDL	BDL	BDL	BDL	BDL	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Bromochloromethane	mg/kg	0.01	N/A		BDL	BDL	BDL	BDL	BDL	BDL	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Bromodichloromethane	mg/kg	0.01	N/A	2.4	BDL	BDL	BDL	BDL	BDL	BDL	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Bromoform	mg/kg	0.01	N/A	310	BDL	BDL	BDL	BDL	BDL	BDL	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Bromomethane	mg/kg	0.01	N/A	13	BDL	BDL	BDL	BDL	BDL	BDL	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Carbon Disulfide	mg/kg	0.026	720		N/A	N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL	BDL	BDL	BDL
Carbontetrachloride	mg/kg	0.01	N/A	0.53	BDL	BDL	BDL	BDL	BDL	BDL	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Chloroacetonitrile	mg/kg	0.026	N/A		N/A	N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL	BDL	BDL	BDL
Chlorobenzene	mg/kg	0.01	N/A	540	BDL	BDL	BDL	BDL	BDL	BDL	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Chloroethane	mg/kg	0.01	N/A	6.5	BDL	BDL	BDL	BDL	BDL	BDL	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Chloroform	mg/kg	0.01	N/A		BDL	BDL	BDL	BDL	BDL	BDL	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003

Chemical	Unit	MDL	MSG-L	PRG	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	mg/kg	0.01	DECLASSIFIED CONFIDENTIAL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Cis 1,2-Dichloroethene	mg/kg	0.01	N/A		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Cis 1,3-Dichloropropene	mg/kg	0.01	N/A	1.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dibromochloromethane	mg/kg	0.01	N/A	2.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dibromomethane	mg/kg	0.01	N/A		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dichlorodifluoromethane	mg/kg	0.01	N/A	310	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Ethyl ether	mg/kg	0.026	N/A	1800	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Ethyl methacrylate	mg/kg	0.026	N/A	140	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Ethylbenzene	mg/kg	0.01	230		18	BDL	BDL	51	7.4	BDL	<0.003	0.0046	<0.003	0.0038	<0.003	<0.003
Hexachlorobutadiene	mg/kg	0.01	N/A	32	BDL	BDL	BDL	BDL	BDL	BDL	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Hexachloroethane	mg/kg	0.026	N/A	180	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Isopropylbenzene	mg/kg	0.01	N/A		13	BDL	19	32	4.9	BDL	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Methacrylonitrile	mg/kg	0.026	N/A	8.8	N/A	N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL	BDL	BDL	BDL
Methyl Acrylate	mg/kg	0.026	N/A	230	N/A	N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL	BDL	BDL	BDL
Methyl Chloroform	mg/kg	0.003	N/A		N/A	N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL	BDL	BDL	BDL
Methyl Ethyl Ketone	mg/kg	0.026	34000		N/A	N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL	BDL	BDL	BDL
Methyl iodide	mg/kg	0.026	N/A		N/A	N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL	BDL	BDL	BDL
Methyl Isobutyl Ketone	mg/kg	0.026	N/A	2900	N/A	N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL	BDL	BDL	BDL
Methyl methacrylate	mg/kg	0.026	N/A	500	N/A	N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	mg/kg	0.01	N/A	21	BDL	BDL	BDL	BDL	BDL	BDL	0.0348	0.168	0.0082	<0.003	0.08	0.0558
Methyl-tert-butyl-ether	mg/kg	0.026	N/A		N/A	N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL	BDL	BDL	BDL
Naphthalene	mg/kg	0.01	220		38	BDL	34	130	20	BDL	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
n-Butylbenzene	mg/kg	0.01	N/A	240 PRG	21	BDL	19	48	6.3	BDL	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
n-Propylbenzene	mg/kg	0.01	240		25	BDL	39	60	9.6	BDL	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
p-Isopropyltoluene	mg/kg	0.01	N/A		12	BDL	18	28	4.2	BDL	N/A	N/A	N/A	N/A	N/A	N/A
Pentachloroethane	mg/kg	0.026	N/A		N/A	N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL	BDL	BDL	BDL
Propionitrile	mg/kg	0.026	N/A		N/A	N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL	BDL	BDL	BDL
sec-Butylbenzene	mg/kg	0.01	230		15	BDL	23	36	5.6	BDL	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Styrene	mg/kg	0.01	N/A	1700	BDL	BDL	BDL	BDL	BDL	BDL	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
tert-Butylbenzene	mg/kg	0.01	N/A	390	BDL	BDL	BDL	2.4	BDL	BDL	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Tetrachloroethene	mg/kg	0.01	N/A		BDL	BDL	BDL	BDL	BDL	BDL	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Tetrahydrofuran	mg/kg	0.026	N/A	320	N/A	N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL	BDL	BDL	BDL
Toluene	mg/kg	0.01	520		BDL	BDL	BDL	BDL	3.7	BDL	<0.003	0.0088	<0.003	0.0076	<0.003	<0.003
Trans 1,2-Dichloroethene	mg/kg	0.01	N/A		BDL	BDL	BDL	BDL	BDL	BDL	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Trans 1,3-Dichloropropene	mg/kg	0.01	N/A	1.6	BDL	BDL	BDL	BDL	BDL	BDL	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Trans-1,4-Dichloro-2-Butene	mg/kg	0.026	N/A	0.018	N/A	N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL	BDL	BDL	BDL
Trichloroethene	mg/kg	0.01	N/A		BDL	BDL	BDL	BDL	BDL	BDL	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Trichlorofluoromethane	mg/kg	0.01	N/A	2000	BDL	BDL	BDL	BDL	BDL	BDL	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Vinyl Chloride	mg/kg	0.01	N/A	0.83	BDL	BDL	BDL	BDL	BDL	BDL	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Xylene (m-, p-)	mg/kg	0.003	N/A	210	N/A	N/A	N/A	N/A	N/A	N/A	0.0023	0.004	BDL	0.0037	BDL	BDL
Xylene (o-)	mg/kg	0.003	N/A	210	N/A	N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL	BDL	BDL	BDL
Xylenes, total	mg/kg	0.01	210		57	BDL	29	250	33	BDL	N/A	N/A	N/A	N/A	N/A	N/A

- Notes:
1. MDL: Method Detection Limit; BDL: Below Detection Limit
 2. MSG-L: Military Soil Guidelines-Long Term, TG 230
 3. N/A: Not Applicable or Not Analyzed
 4. EPA Region IX Preliminary Remediation Goal for Industrial Soil (mg/kg)

Chemical	Unit	MDL	MSG-L	EPA IX	REL TO USA	REL TO AUS	REL TO CAN	REL TO GBR/MR	1	2	3	4	5	6	7	8
Chloromethane	mg/kg	0.01	N/A		<0.003	<0.003	<0.003	BDL	BDL	<1	<1	<1	<1	<1	BDL	BDL
Cis 1,2-Dichloroethene	mg/kg	0.01	N/A		<0.003	<0.003	<0.003	BDL	BDL	<1	<1	<1	<1	<1	BDL	BDL
Cis 1,3-Dichloropropene	mg/kg	0.01	N/A	1.6	<0.003	<0.003	<0.003	BDL	BDL	<1	<1	<1	<1	<1	BDL	BDL
Dibromochloromethane	mg/kg	0.01	N/A	2.7	<0.003	<0.003	<0.003	BDL	BDL	<1	<1	<1	<1	<1	BDL	BDL
Dibromomethane	mg/kg	0.01	N/A		<0.003	<0.003	<0.003	BDL	BDL	<1	<1	<1	<1	<1	BDL	BDL
Dichlorodifluoromethane	mg/kg	0.01	N/A	310	<0.003	<0.003	<0.003	BDL	BDL	<1	<1	<1	<1	<1	BDL	BDL
Ethyl ether	mg/kg	0.026	N/A	1800	BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Ethyl methacrylate	mg/kg	0.026	N/A	140	BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Ethylbenzene	mg/kg	0.01	230		<0.003	0.0045	0.0052	BDL	BDL	<1	<1	<1	<1	<1	BDL	BDL
Hexachlorobutadiene	mg/kg	0.01	N/A	32	<0.003	<0.003	<0.003	BDL	BDL	<1	<1	<1	<1	<1	BDL	BDL
Hexachloroethane	mg/kg	0.026	N/A	180	BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Isopropylbenzene	mg/kg	0.01	N/A		<0.003	<0.003	<0.003	BDL	BDL	<1	<1	<1	<1	<1	BDL	BDL
Methacrylonitrile	mg/kg	0.026	N/A	8.8	BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl Acrylate	mg/kg	0.026	N/A	230	BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl Chloroform	mg/kg	0.003	N/A		BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl Ethyl Ketone	mg/kg	0.026	34000		BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl iodide	mg/kg	0.026	N/A		BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl Isobutyl Ketone	mg/kg	0.026	N/A	2900	BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl methacrylate	mg/kg	0.026	N/A	500	BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methylene Chloride	mg/kg	0.01	N/A	21	0.0471	0.141	0.0073	BDL	BDL	<1	<1	<1	<1	<1	BDL	BDL
Methyl-tert-butyl-ether	mg/kg	0.026	N/A		BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Naphthalene	mg/kg	0.01	220		<0.003	<0.003	<0.003	BDL	0.01	<1	<1	<1	<1	<1	BDL	BDL
n-Butylbenzene	mg/kg	0.01	N/A	240 PRG	<0.003	<0.003	<0.003	BDL	BDL	<1	<1	<1	<1	<1	BDL	BDL
n-Propylbenzene	mg/kg	0.01	240		<0.003	<0.003	<0.003	BDL	BDL	<1	<1	<1	<1	<1	BDL	BDL
p-Isopropyltoluene	mg/kg	0.01	N/A		N/A	N/A	N/A	BDL	BDL	<1	<1	<1	<1	<1	BDL	BDL
Pentachloroethane	mg/kg	0.026	N/A		BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Propionitrile	mg/kg	0.026	N/A		BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
sec-Butylbenzene	mg/kg	0.01	230		<0.003	<0.003	<0.003	BDL	BDL	<1	<1	<1	<1	<1	BDL	BDL
Styrene	mg/kg	0.01	N/A	1700	<0.003	<0.003	<0.003	BDL	BDL	<1	<1	<1	<1	<1	BDL	BDL
tert-Butylbenzene	mg/kg	0.01	N/A	390	<0.003	<0.003	<0.003	BDL	BDL	<1	<1	<1	<1	<1	BDL	BDL
Tetrachloroethene	mg/kg	0.01	N/A		<0.003	<0.003	<0.003	BDL	BDL	<1	<1	<1	<1	<1	BDL	BDL
Tetrahydrofuran	mg/kg	0.026	N/A	320	BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Toluene	mg/kg	0.01	520		<0.003	0.0079	0.0102	BDL	BDL	<1	<1	<1	<1	<1	BDL	BDL
Trans 1,2-Dichloroethene	mg/kg	0.01	N/A		<0.003	<0.003	<0.003	BDL	BDL	<1	<1	<1	<1	<1	BDL	BDL
Trans 1,3-Dichloropropene	mg/kg	0.01	N/A	1.6	<0.003	<0.003	<0.003	BDL	BDL	<1	<1	<1	<1	<1	BDL	BDL
Trans-1,4-Dichloro-2-Butene	mg/kg	0.026	N/A	0.018	BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Trichloroethene	mg/kg	0.01	N/A		<0.003	<0.003	<0.003	BDL	BDL	<1	<1	<1	<1	<1	BDL	BDL
Trichlorofluoromethane	mg/kg	0.01	N/A	2000	<0.003	<0.003	<0.003	BDL	BDL	<1	<1	<1	<1	<1	BDL	BDL
Vinyl Chloride	mg/kg	0.01	N/A	0.03	<0.003	<0.003	<0.003	BDL	BDL	<1	<1	<1	<1	<1	BDL	BDL
Xylene (m-, p-)	mg/kg	0.003	N/A	210	BDL	0.0032	0.0041	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Xylene (o-)	mg/kg	0.003	N/A	210	BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Xylenes, total	mg/kg	0.01	210		N/A	N/A	N/A	BDL	BDL	<1	<1	<1	<1	<1	BDL	BDL

- Notes:
1. MDL: Method Detection Limit; BDL: Below Detection Limit
 2. MSG-L: Military Soil Guidelines-Long Term, TG 230
 3. N/A: Not Applicable or Not Analyzed
 4. EPA Region IX Preliminary Remediation Goal for Industrial Soil (mg/kg)

Environmental Assessment, Stronghold Freedom
 (U) (C//REL)-Table C-3, Soil Results, Volatile Organic Compounds (VOCs)

Boring/Area Identification					80A	80A	80A	80B	80B	80B	80C	80C	80C
Depth Below Ground Surface (Meters)					0.5	1	2.5	0.5	1	2	0.5	1.5	2.5
Analyte	Units	MDL ¹	MSG-L ²	PRG/RBC									
1,1,1,2-Tetrachloroethane	mg/kg	0.01	N/A	7	BDL	BDL	<2	BDL	BDL	<1	BDL	<1	<2
1,1,1-Trichloroethane	mg/kg	0.01	N/A	1400	BDL	BDL	<2	BDL	BDL	<1	BDL	<1	<2
1,1,2,2-Tetrachloroethane	mg/kg	0.01	N/A	0.9	BDL	BDL	<2	BDL	BDL	<1	BDL	<1	<2
1,1,2-Trichloroethane	mg/kg	0.01	N/A	0.84	BDL	BDL	<2	BDL	BDL	<1	BDL	<1	<2
1,1-Dichloroethane	mg/kg	0.01	N/A	2100	BDL	BDL	<2	BDL	BDL	<1	BDL	<1	<2
1,1-Dichloroethene	mg/kg	0.01	N/A		BDL	BDL	<2	BDL	BDL	<1	BDL	<1	<2
1,1-Dichloropropene	mg/kg	0.01	N/A		BDL	BDL	<2	BDL	BDL	<1	BDL	<1	<2
1,2,3-Trichlorobenzene	mg/kg	0.01	N/A		BDL	BDL	<2	BDL	BDL	<1	BDL	<1	<2
1,2,3-Trichloropropane	mg/kg	0.01	N/A	0.0031	BDL	BDL	<2	BDL	BDL	<1	BDL	<1	<2
1,2,4-Trichlorobenzene	mg/kg	0.01	N/A	3000	BDL	BDL	<2	BDL	BDL	<1	BDL	<1	<2
1,2,4-Trimethylbenzene	mg/kg	0.01	5190		BDL	0.42	78	BDL	BDL	210	BDL	96	68
1,2-Dibromo-3-Chloropropane	mg/kg	0.01	N/A	4	BDL	BDL	<2	BDL	BDL	<1	BDL	<1	<2
1,2-Dibromoethane	mg/kg	0.01	N/A	0.048	BDL	BDL	<2	BDL	BDL	<1	BDL	<1	<2
1,2-Dichlorobenzene	mg/kg	0.01	N/A	370	BDL	BDL	<2	BDL	BDL	<1	BDL	<1	<2
1,2-Dichloroethane	mg/kg	0.01	N/A	0.76	BDL	BDL	<2	BDL	BDL	<1	BDL	<1	<2
1,2-Dichloropropane	mg/kg	0.01	N/A	0.77	BDL	BDL	<2	BDL	BDL	<1	BDL	<1	<2
1,3,5-Trimethylbenzene	mg/kg	0.01	5190		BDL	0.44	30	BDL	0.05	57	BDL	36	25
1,3-Dichlorobenzene	mg/kg	0.01	N/A	52	BDL	BDL	<2	BDL	BDL	<1	BDL	<1	<2
1,3-Dichloropropane	mg/kg	0.01	N/A		BDL	BDL	<2	BDL	BDL	<1	BDL	<1	<2
1,4-Dichlorobenzene	mg/kg	0.01	N/A	8.1	BDL	BDL	<2	BDL	BDL	<1	BDL	<1	<2
1-Chlorobutane	mg/kg	0.026	N/A	480	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2,2-Dichloropropane	mg/kg	0.01	N/A		BDL	BDL	<2	BDL	BDL	<1	BDL	<1	<2
2-Chlorotoluene	mg/kg	0.01	N/A	570	BDL	BDL	<2	BDL	BDL	<1	BDL	<1	<2
2-Hexanone	mg/kg	0.026	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2-Nitropropane	mg/kg	0.026	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2-Methoxy-2-Methylpropane	mg/kg	0.01	N/A		BDL	BDL	<2	BDL	BDL	<1	BDL	<1	<2
4-Chlorotoluene	mg/kg	0.01	N/A		BDL	BDL	<2	BDL	BDL	<1	BDL	<1	<2
4-Isopropyltoluene	mg/kg	0.003	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Acetone	mg/kg	0.026	16		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Acrylonitrile	mg/kg	0.026	N/A	0.51	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Allyl chloride	mg/kg	0.026	N/A	43000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Benzene	mg/kg	0.01	310		BDL	BDL	<2	BDL	BDL	2.3	BDL	<1	<2
Bromobenzene	mg/kg	0.01	N/A	92	BDL	BDL	<2	BDL	BDL	<1	BDL	<1	<2
Bromochloromethane	mg/kg	0.01	N/A		BDL	BDL	<2	BDL	BDL	<1	BDL	<1	<2
Bromodichloromethane	mg/kg	0.01	N/A	2.4	BDL	BDL	<2	BDL	BDL	<1	BDL	<1	<2
Bromoform	mg/kg	0.01	N/A	310	BDL	BDL	<2	BDL	BDL	<1	BDL	<1	<2
Bromomethane	mg/kg	0.01	N/A	13	BDL	BDL	<2	BDL	BDL	<1	BDL	<1	<2
Carbon Disulfide	mg/kg	0.026	720		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Carbon tetrachloride	mg/kg	0.01	N/A	0.53	BDL	BDL	<2	BDL	BDL	<1	BDL	<1	<2
Chloroacetonitrile	mg/kg	0.026	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chlorobenzene	mg/kg	0.01	N/A	540	BDL	BDL	<2	BDL	BDL	<1	BDL	<1	<2
Chloroethane	mg/kg	0.01	N/A	6.5	BDL	BDL	<2	BDL	BDL	<1	BDL	<1	<2
Chloroform	mg/kg	0.01	N/A		BDL	BDL	<2	BDL	BDL	<1	BDL	<1	<2

UNCLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR

UNCLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR

			DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR	DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR	DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR	DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR	DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR	DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR	DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR	DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR	DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR	DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR	DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR	DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR
Chloromethane	mg/kg	0.01	0.01	BDL	BDL	<2	BDL	BDL	<1	BDL	<1	<2		
Cis 1,2-Dichloroethene	mg/kg	0.01	N/A	BDL	BDL	<2	BDL	BDL	<1	BDL	<1	<2		
Cis 1,3-Dichloropropene	mg/kg	0.01	N/A	1.6	BDL	BDL	<2	BDL	BDL	<1	BDL	<1	<2	
Dibromochloromethane	mg/kg	0.01	N/A	2.7	BDL	BDL	<2	BDL	BDL	<1	BDL	<1	<2	
Dibromomethane	mg/kg	0.01	N/A		BDL	BDL	<2	BDL	BDL	<1	BDL	<1	<2	
Dichlorodifluoromethane	mg/kg	0.01	N/A	310	BDL	BDL	<2	BDL	BDL	<1	BDL	<1	<2	
Ethyl ether	mg/kg	0.026	N/A	1800	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Ethyl methacrylate	mg/kg	0.026	N/A	140	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Ethylbenzene	mg/kg	0.01	230		BDL	BDL	14	BDL	BDL	32	BDL	17	15	
Hexachlorobutadiene	mg/kg	0.01	N/A	32	BDL	BDL	<2	BDL	BDL	<1	BDL	<1	<2	
Hexachloroethane	mg/kg	0.026	N/A	180	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Isopropylbenzene	mg/kg	0.01	N/A		BDL	BDL	10	BDL	BDL	24	BDL	15	10	
Methacrylonitrile	mg/kg	0.026	N/A	8.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl Acrylate	mg/kg	0.026	N/A	230	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl Chloroform	mg/kg	0.003	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl Ethyl Ketone	mg/kg	0.026	34000		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl iodide	mg/kg	0.026	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl Isobutyl Ketone	mg/kg	0.026	N/A	2900	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl methacrylate	mg/kg	0.026	N/A	500	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methylene Chloride	mg/kg	0.01	N/A	21	BDL	BDL	<2	BDL	BDL	<1	BDL	<1	<2	
Methyl-tert-butyl-ether	mg/kg	0.026	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Naphthalene	mg/kg	0.01	220		BDL	0.86	29	BDL	0.02	85	0.01	38	29	
n-Butylbenzene	mg/kg	0.01	N/A	240 PRG	BDL	BDL	<2	BDL	BDL	33	BDL	27	19	
n-Propylbenzene	mg/kg	0.01	240		BDL	BDL	21	BDL	BDL	41	BDL	28	21	
p-Isopropyltoluene	mg/kg	0.01	N/A		BDL	0.08	10	BDL	0.05	20	BDL	15	9.7	
Pentachloroethane	mg/kg	0.026	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Propionitrile	mg/kg	0.026	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
sec-Butylbenzene	mg/kg	0.01	230		BDL	0.02	13	BDL	BDL	27	BDL	19	12	
Styrene	mg/kg	0.01	N/A	1700	BDL	BDL	<2	BDL	BDL	<1	BDL	<1	<2	
tert-Butylbenzene	mg/kg	0.01	N/A	390	BDL	0.01	11	BDL	BDL	1.7	BDL	1.2	<2	
Tetrachloroethene	mg/kg	0.01	N/A		BDL	BDL	<2	BDL	BDL	<1	BDL	<1	<2	
Tetrahydrofuran	mg/kg	0.026	N/A	320	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Toluene	mg/kg	0.01	520		BDL	BDL	5.4	BDL	BDL	27	BDL	5.4	9.1	
Trans 1,2-Dichloroethene	mg/kg	0.01	N/A		BDL	BDL	<2	BDL	BDL	<1	BDL	<1	<2	
Trans 1,3-Dichloropropene	mg/kg	0.01	N/A	1.6	BDL	BDL	<2	BDL	BDL	<1	BDL	<1	<2	
Trans-1,4-Dichloro-2-Butene	mg/kg	0.026	N/A	0.018	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Trichloroethene	mg/kg	0.01	N/A		BDL	BDL	<2	BDL	BDL	<1	BDL	<1	<2	
Trichlorofluoromethane	mg/kg	0.01	N/A	2000	BDL	BDL	<2	BDL	BDL	<1	BDL	<1	<2	
Vinyl Chloride	mg/kg	0.01	N/A	0.83	BDL	BDL	<2	BDL	BDL	<1	BDL	<1	<2	
Xylene (m-, p-)	mg/kg	0.003	N/A	210	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Xylene (o-)	mg/kg	0.003	N/A	210	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Xylenes, total	mg/kg	0.01	310		BDL	0.14	80	BDL	0.03	240	BDL	98	83	

Notes:

1. MDL: Method Detection Limit; BDL: Below Detection Limit
2. MSG-L: Military Soil Guidelines-Long Term, TG 230
3. N/A: Not Applicable or Not Analyzed
4. EPA Region IX Preliminary Remediation Goal for Industrial Soil (mg/kg)

1D	1E	1E	1F
3	2	3	2
BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL
39	230	44	99
BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL
13	88	5.9	41
BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL
N/A	N/A	N/A	N/A
BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL
N/A	N/A	N/A	N/A
BDL	BDL	BDL	BDL
N/A	N/A	N/A	N/A
BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL

BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
7.7	57	8.4	8.6
BDL	BDL	BDL	BDL
N/A	N/A	N/A	N/A
5.3	38	5.9	9.2
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
BDL	BDL	BDL	BDL
N/A	N/A	N/A	N/A
19	110	20	100
7.4	53	9.1	38
11	71	12	22
4.4	32	5.1	19
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
5.8	40	6.9	19
BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL
N/A	N/A	N/A	N/A
BDL	4.9	BDL	BDL
BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL
N/A	N/A	N/A	N/A
BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
25	200	20	53

<2.0	<1.0	<4.0	<1.0
<2.0	<1.0	<4.0	<1.0
<2.0	<1.0	<4.0	<1.0
<2.0	<1.0	<4.0	<1.0
<2.0	<1.0	<4.0	<1.0
<2.0	<1.0	<4.0	<1.0
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
6.8	<1.0	25	7
<2.0	<1.0	<4.0	<1.0
N/A	N/A	N/A	N/A
2.2	1.4	20	5.5
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
230	<1.0	<4.0	<1.0
N/A	N/A	N/A	N/A
9.9	<1.0	37	14
6.6	<1.0	38	5.4
11	3.2	41	12
3.9	<1.0	17	3.3
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
5.9	2.2	21	6.6
<2.0	<1.0	<4.0	<1.0
<2.0	<1.0	<4.0	<1.0
<2.0	<1.0	<4.0	<1.0
N/A	N/A	N/A	N/A
<2.0	<1.0	<4.0	<1.0
<2.0	<1.0	<4.0	<1.0
<2.0	<1.0	<4.0	<1.0
N/A	N/A	N/A	N/A
<2.0	<1.0	<4.0	<1.0
<2.0	<1.0	<4.0	<1.0
<2.0	<1.0	<4.0	<1.0
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
6.3	<1.0	80	1.4

5B	5C	5C	5C
2	0	1	2
<2.0	BDL	BDL	<0.05
<2.0	BDL	BDL	<0.05
<2.0	BDL	BDL	<0.05
<2.0	BDL	BDL	<0.05
<2.0	BDL	BDL	<0.05
<2.0	BDL	BDL	<0.05
<2.0	BDL	BDL	<0.05
<2.0	BDL	BDL	<0.05
30	BDL	BDL	<0.05
<2.0	BDL	BDL	0.17
<2.0	BDL	BDL	<0.05
<2.0	BDL	BDL	<0.05
<2.0	BDL	BDL	<0.05
<2.0	BDL	BDL	<0.05
9.4	BDL	BDL	<0.05
<2.0	BDL	BDL	<0.05
<2.0	BDL	BDL	<0.05
<2.0	BDL	BDL	<0.05
N/A	N/A	N/A	N/A
<2.0	BDL	BDL	<0.05
<2.0	BDL	BDL	<0.05
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
<2.0	BDL	BDL	<0.05
<2.0	BDL	BDL	<0.05
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
<2.0	BDL	BDL	<0.05
<2.0	BDL	BDL	<0.05
<2.0	BDL	BDL	<0.05
<2.0	BDL	BDL	<0.05
<2.0	BDL	BDL	<0.05
<2.0	BDL	BDL	<0.05
N/A	N/A	N/A	N/A
<2.0	BDL	BDL	<0.05
N/A	N/A	N/A	N/A
<2.0	BDL	BDL	<0.05
<2.0	BDL	BDL	<0.05
<2.0	BDL	BDL	<0.05

<2.0	BDL	BDL	<0.05
<2.0	BDL	BDL	<0.05
<2.0	BDL	BDL	<0.05
<2.0	BDL	BDL	<0.05
<2.0	BDL	BDL	<0.05
<2.0	BDL	BDL	<0.05
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
5.4	BDL	BDL	<0.05
<2.0	BDL	BDL	<0.05
N/A	N/A	N/A	N/A
4.7	BDL	BDL	<0.05
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
<2.0	BDL	BDL	<0.05
N/A	N/A	N/A	N/A
12	BDL	BDL	0.2
8.2	BDL	BDL	<0.05
10	BDL	BDL	<0.05
4.7	BDL	BDL	<0.05
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
6.1	BDL	BDL	<0.05
<2.0	BDL	BDL	<0.05
<2.0	BDL	BDL	<0.05
<2.0	BDL	BDL	<0.05
N/A	N/A	N/A	N/A
<2.0	BDL	BDL	<0.05
<2.0	BDL	BDL	<0.05
<2.0	BDL	BDL	<0.05
N/A	N/A	N/A	N/A
<2.0	BDL	BDL	<0.05
<2.0	BDL	BDL	<0.05
<2.0	BDL	BDL	<0.05
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
19	BDL	BDL	<0.05

<0.003	<0.003	<0.003	<0.003
<0.003	<0.003	<0.003	<0.003
<0.003	<0.003	<0.003	<0.003
<0.003	<0.003	<0.003	<0.003
<0.003	<0.003	<0.003	<0.003
BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL
<0.003	0.0034	<0.003	0.0052
<0.003	<0.003	<0.003	<0.003
BDL	BDL	BDL	BDL
<0.003	<0.003	<0.003	<0.003
BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL
0.028	0.0915	0.0075	0.0028
BDL	BDL	BDL	BDL
<0.003	<0.003	<0.003	<0.003
<0.003	<0.003	<0.003	<0.003
<0.003	<0.003	<0.003	<0.003
N/A	N/A	N/A	N/A
BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL
<0.003	<0.003	<0.003	<0.003
<0.003	<0.003	<0.003	<0.003
<0.003	<0.003	<0.003	<0.003
<0.003	<0.003	<0.003	<0.003
BDL	BDL	BDL	BDL
<0.003	0.0066	<0.003	0.0091
<0.003	<0.003	<0.003	<0.003
<0.003	<0.003	<0.003	<0.003
BDL	BDL	BDL	BDL
<0.003	<0.003	<0.003	<0.003
<0.003	<0.003	<0.003	<0.003
<0.003	<0.003	<0.003	<0.003
BDL	0.0028	BDL	0.0036
BDL	BDL	BDL	BDL
N/A	N/A	N/A	N/A

62D	62E	70A	70A
0	0.5	1	1.5
BDL	BDL	<1	<1
BDL	BDL	<1	<1
BDL	BDL	<1	<1
BDL	BDL	<1	<1
BDL	BDL	<1	<1
BDL	BDL	<1	<1
BDL	BDL	<1	<1
BDL	BDL	<1	<1
BDL	BDL	<1	<1
BDL	BDL	<1	<1
BDL	BDL	150	35
BDL	BDL	<1	<1
BDL	BDL	<1	<1
BDL	BDL	<1	<1
BDL	BDL	<1	<1
BDL	BDL	<1	<1
BDL	BDL	41	10
BDL	BDL	<1	<1
BDL	BDL	<1	<1
BDL	BDL	<1	<1
N/A	N/A	N/A	N/A
BDL	BDL	<1	<1
BDL	BDL	<1	<1
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
BDL	BDL	<1	<1
BDL	BDL	<1	<1
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
BDL	BDL	<1	<1
BDL	BDL	<1	<1
BDL	BDL	<1	<1
BDL	BDL	<1	<1
BDL	BDL	<1	<1
BDL	BDL	<1	<1
N/A	N/A	N/A	N/A
BDL	BDL	<1	<1
N/A	N/A	N/A	N/A
BDL	BDL	<1	<1
BDL	BDL	<1	<1
BDL	BDL	<1	<1

BDL	BDL	<1	<1
BDL	BDL	<1	<1
BDL	BDL	<1	<1
BDL	BDL	<1	<1
BDL	BDL	<1	<1
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
BDL	BDL	18	5.5
BDL	BDL	<1	<1
N/A	N/A	N/A	N/A
BDL	BDL	17	4.9
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
BDL	BDL	<1	<1
N/A	N/A	N/A	N/A
BDL	BDL	28	8.7
BDL	BDL	42	13
BDL	BDL	30	8.4
BDL	BDL	34	9.1
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
BDL	BDL	22	5.4
BDL	BDL	<1	<1
BDL	BDL	<1	<1
BDL	BDL	<1	<1
N/A	N/A	N/A	N/A
BDL	BDL	4.9	1.2
BDL	BDL	<1	<1
BDL	BDL	<2	<2
N/A	N/A	N/A	N/A
BDL	BDL	<3	<3
BDL	BDL	<4	<4
BDL	BDL	<5	<5
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
BDL	BDL	79	18

DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR

C-25

DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR

Environmental Assessment, Stronghold Freedom
 (U) (C//REL) Table C-4, Soil Gas Results, Volatile Organic Compounds (VOCs)

Boring/Area Identification								20B	20B	20B	20C
Depth Below Ground Surface (Meters)								0.5	1	1.5	0.5
Analyte	Units	MDL ¹	MSG-L ²	ACGIH STEL	MAG-1hr	MAG-S ⁴	MAG-L ⁵				
1,1,1,2-Tetrachloroethane	mg/m ³	1	N/A		20.6/34.3/686	0.2		BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	mg/m ³	1	N/A	2460				BDL	BDL	BDL	BDL
1,1,2-Trichloroethane	mg/m ³	1	N/A				0.3	BDL	BDL	BDL	BDL
1,1,2-Trichlorotrifluoroethane	mg/m ³	1	N/A	9590				BDL	BDL	BDL	BDL
1,1-Dichloroethane	mg/m ³	1	N/A		12144 sev	9.8		BDL	BDL	BDL	BDL
1,1-Dichloroethylene	mg/m ³	1	N/A				0.096	BDL	BDL	BDL	BDL
1,2,3,4-Tetramethylbenzene	mg/m ³	1	N/A					BDL	BDL	BDL	BDL
1,2,3,5-Tetramethylbenzene	mg/m ³	1	N/A					BDL	BDL	BDL	BDL
1,2,3-Trimethylbenzene	mg/m ³	1	N/A	123 TWA				BDL	BDL	BDL	BDL
1,2,4,5-Tetramethylbenzene	mg/m ³	1	N/A					BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	mg/m ³	1	N/A	123 TWA			3.06	BDL	BDL	BDL	BDL
1,2-Dichloroethane	mg/m ³	1	N/A	40 TWA				BDL	BDL	BDL	BDL
1,2-Diethylbenzene	mg/m ³	1	N/A					BDL	BDL	BDL	BDL
1,3,5-Triethylbenzene	mg/m ³	1	N/A					BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	mg/m ³	1	N/A	123 TWA				BDL	BDL	BDL	BDL
1,3-Diethylbenzene	mg/m ³	1	N/A					BDL	BDL	BDL	BDL
1,3-Diisopropylbenzene	mg/m ³	1	N/A					BDL	BDL	BDL	BDL
1,4-Diethylbenzene	mg/m ³	1	N/A					BDL	BDL	BDL	BDL
1,4-Diisopropylbenzene	mg/m ³	1	N/A					BDL	BDL	BDL	BDL
2-Butanone	mg/m ³	1	N/A	885				BDL	BDL	BDL	BDL
2-Ethyltoluene	mg/m ³	1	N/A					BDL	BDL	BDL	BDL
3-/4-Ethyltoluene	mg/m ³	1	N/A					BDL	BDL	BDL	BDL
Benzene	mg/m ³	1	N/A		160/479/3195	0.16		BDL	BDL	BDL	BDL
Benzofuran	mg/m ³	1	N/A					BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	mg/m ³	1	N/A	793 TWA				BDL	BDL	BDL	BDL
Dichloromethane	mg/m ³	1	N/A	174 TWA				BDL	BDL	BDL	BDL
Ethylbenzene	mg/m ³	1	N/A	543	542/5342/8684	10.5		BDL	BDL	BDL	BDL
Indane	mg/m ³	1	N/A					BDL	BDL	BDL	BDL
Indene	mg/m ³	1	N/A	48 TWA				BDL	BDL	BDL	BDL
Isoamylbenzene	mg/m ³	1	N/A					BDL	BDL	BDL	BDL
Isopropylbenzene	mg/m ³	1	N/A					BDL	BDL	BDL	BDL
Kerosinefraction (C6-C10)	mg/m ³	0.1	N/A					1.9	1.1	2.6	0.65
Naphthylene (Naphthalene)	mg/m ³	1	N/A	79			0.0071	BDL	BDL	BDL	BDL
o, m, p-Xylenes	mg/m ³	1	N/A		650/868/3906	10.6		BDL	BDL	BDL	BDL
Propylbenzene	mg/m ³	1	N/A				0.025	BDL	BDL	BDL	BDL
Tetrachloroethylene	mg/m ³	1	N/A		237/1560/3323	4.2		BDL	BDL	BDL	BDL
Tetrachloromethane	mg/m ³	1	N/A	60.2				BDL	BDL	BDL	BDL
Tetrahydronaphthylene	mg/m ³	1	N/A					BDL	BDL	BDL	BDL

DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR

	mg/m ³	DECLASSIFIED	CONFIDENTIAL	REL TO USA, AUS, CAN and GBR//MR	US DoD 10/2014							
Toluene						11			BDL	BDL	BDL	BDL
trans-1,2-Dichloroethylene	mg/m ³	1	N/A	793 TWA					BDL	BDL	BDL	BDL
Trichloroethylene	mg/m ³	1	N/A		537/2687/26870	6.6			BDL	BDL	BDL	BDL
Trichlorofluoromethane	mg/m ³	1	N/A				4.8		BDL	BDL	BDL	BDL
Trichloromethane	mg/m ³	1	N/A	49 TWA					BDL	BDL	BDL	BDL
Vinyl Chloride	mg/m ³	1	N/A				0.057		BDL	BDL	BDL	BDL

Notes:

1. MDL: Method Detection Limit; BDL: Below Detection Limit
2. MSG-L: Military Soil Guidelines-Long Term, TG 230
3. N/A: Not Applicable or Not Analyzed
4. MAG-S: Military Air Guidelines-Short-Term (14-day), TG230
5. MAG-L: Military Air guidelines-Long-Term, TG230

20C	20C	20D	20D	20D	20E	20E	20E
1	1.5	0.5	1	1.5	0.5	1	1.5
BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
BDL	1.5	BDL	1.1	BDL	BDL	BDL	BDL
BDL	23	BDL	29	32	1.1	1.4	3.1
BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
BDL	88	1.7	74	97	2.7	3.1	6.9
BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
BDL	4.5	BDL	2	2	<0.1	<0.1	<0.1
BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
BDL	1.8	BDL	33	50	1	1.2	2.7
BDL	3.3	BDL	2.1	3	BDL	BDL	BDL
BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
BDL	5.4	BDL	10	8.4	BDL	BDL	1.5
BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
BDL	57	1.1	27	41	BDL	1	3.9
BDL	25	BDL	57	99	1.9	2	3.9
BDL	30	BDL	25	186	BDL	BDL	BDL
BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
BDL	4.9	BDL	4.1	4.7	BDL	BDL	BDL
BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
BDL	44	BDL	17	45	BDL	BDL	2.3
8.3	3350	17	1430	10900	39	30	64
BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
BDL	84	BDL	100	569	4.8	5.3	8.1
BDL	69	1.1	29	58	1.1	1	3.8
BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

Environmental Assessment, Stronghold Freedom
 (U) (C//REL) Table C-5, Soil Results, Semi-Volatile Organic Compounds (SVOCs)

Boring/Area Identification					B	B	B	B	B	30A	30A	30B	30B	30C	30C	30D	30D	30E	30E	
Depth Below Ground Surface (Meters)					0	0.5	1.5	2.5	3.5	0.5	1.5	0.5	1.5	0.5	1.5	0.5	1.5	0.5	1.5	
Analyte	Units	MDL ¹	MSG-L ²	PRG																
2,4,5-Trichlorophenol	mg/kg	0.4	N/A		<0.37	<0.39	<0.39	<0.41	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
2,4,6-Trichlorophenol	mg/kg	0.4	N/A		<0.37	<0.39	<0.39	<0.41	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,4-Dichlorophenol	mg/kg	0.4	N/A		<0.37	<0.39	<0.39	<0.41	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,4-Dimethylphenol	mg/kg	0.4	N/A		<0.37	<0.39	<0.39	<0.41	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,4-Dinitrophenol	mg/kg	0.4	N/A		<0.37	<0.39	<0.39	<0.41	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Chloronaphthalene	mg/kg	0.4	N/A		<0.37	<0.39	<0.39	<0.41	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Chlorophenol	mg/kg	0.4	N/A		<0.37	<0.39	<0.39	<0.41	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Methyl-4,6-dinitrophenol	mg/kg	0.4	N/A		<0.37	<0.39	<0.39	<0.41	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Methylnaphthalene	mg/kg	0.4	N/A		<0.37	<0.39	<0.39	<0.41	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Methylphenol (o-Cresol)	mg/kg	0.4	N/A		<0.37	<0.39	<0.39	<0.41	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Nitroaniline	mg/kg	0.4	N/A		<0.37	<0.39	<0.39	<0.41	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Nitrophenol	mg/kg	0.4	N/A		<0.37	<0.39	<0.39	<0.41	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
3-Nitroaniline	mg/kg	0.4	N/A		<0.37	<0.39	<0.39	<0.41	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4-Bromophenyl-phenylether	mg/kg	0.4	N/A		<0.37	<0.39	<0.39	<0.41	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4-Chloro-3-methylphenol	mg/kg	0.4	N/A		<0.37	<0.39	<0.39	<0.41	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4-Chloroaniline	mg/kg	0.4	N/A		<0.37	<0.39	<0.39	<0.41	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4-Chlorophenyl-phenylether	mg/kg	0.4	N/A		<0.37	<0.39	<0.39	<0.41	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4-Methylphenol (p-Cresol)	mg/kg	0.4	N/A		<0.37	<0.39	<0.39	<0.41	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4-Nitroaniline	mg/kg	0.4	N/A		<0.37	<0.39	<0.39	<0.41	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4-Nitrophenol	mg/kg	0.4	N/A		<0.37	<0.39	<0.39	<0.41	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Benzyl alcohol	mg/kg	0.4	N/A		<0.37	<0.39	<0.39	<0.41	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
bis(2-Chloroethoxy)methane	mg/kg	0.4	N/A		<0.37	<0.39	<0.39	<0.41	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
bis(2-Chloroethyl)ether	mg/kg	0.4	N/A		<0.37	<0.39	<0.39	<0.41	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
bis(2-Chloroisopropyl)ether	mg/kg	0.4	N/A		<0.37	<0.39	<0.39	<0.41	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
bis(2-ethylhexyl)phthalate	mg/kg	0.4	2900		<0.37	<0.39	<0.39	<0.41	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Butylbenzylphthalate	mg/kg	0.4	N/A		<0.37	<0.39	<0.39	<0.41	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dibenzofuran	mg/kg	0.4	N/A		<0.37	<0.39	<0.39	<0.41	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Diethylphthalate	mg/kg	0.4	N/A	100000	<0.37	<0.39	<0.39	<0.41	<0.42	BDL	BDL	BDL	BDL	BDL	3.8	BDL	BDL	BDL	BDL	BDL
Dimethylphthalate	mg/kg	0.4	N/A		<0.37	<0.39	<0.39	<0.41	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Di-n-butylphthalate	mg/kg	0.4	N/A		<0.37	<0.39	<0.39	<0.41	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Di-n-octylphthalate	mg/kg	0.4	N/A		<0.37	<0.39	<0.39	<0.41	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Hexachlorobenzene	mg/kg	0.4	31		<0.37	<0.39	<0.39	<0.41	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Hexachlorobutadiene	mg/kg	0.4	N/A		<0.37	<0.39	<0.39	<0.41	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Hexachlorocyclopentadiene	mg/kg	0.4	N/A		<0.37	<0.39	<0.39	<0.41	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Hexachloroethane	mg/kg	0.4	N/A		<0.37	<0.39	<0.39	<0.41	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isophorone	mg/kg	0.4	N/A		<0.37	<0.39	<0.39	<0.41	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
N-Nitrosodimethylamine	mg/kg	0.4	N/A		<0.37	<0.39	<0.39	<0.41	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
N-Nitrosodiphenylamine	mg/kg	0.4	N/A		<0.37	<0.39	<0.39	<0.41	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
N-Nitrosodipropylamine	mg/kg	0.4	N/A		<0.37	<0.39	<0.39	<0.41	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Pentachlorophenol	mg/kg	0.4	N/A		<0.37	<0.39	<0.39	<0.41	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Phenol	mg/kg	0.4	N/A		<0.37	<0.39	<0.39	<0.41	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

Notes:

1. MDL: Method Detection Limit; BDL: Below Detection Limit
2. MSG-L: Military Soil Guidelines-Long Term, TG 230
3. N/A: Not Applicable or Not Analyzed

DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR

C-5

DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR

(U) (C//REL) Table C-6, Soil Results, Total Petroleum Hydrocarbons (TPH), Polynuclear Aromatic Hydrocarbons (PAHs), Polychlorinated Biphenyl

Boring/Area Identification					B	B	B	B	B	1A	1A	1B	1B	1C	1C	1D	1D
Depth Below Ground Surface (Meters)					0	0.5	1.5	2.5	3.5	2	3	2	3	2	3	2	3
Analyte	Units	MDL ¹	MSG-L ²	PRG/RBC													
TPH	mg/kg	5	N/A		15.3	<10.4	<11.6	<12.1	<12.4	20,000	3,400	8,300	3,300	24,000	2,200	2,900	7,300
PAHs:																	
Fluoranthene	mg/kg	0.01	42000		<0.42	<0.42	<0.42	<0.42	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Benzo-(b)-Fluoranthene	mg/kg	0.01	2500		<0.42	<0.42	<0.42	<0.42	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Benzo-(k)-Fluoranthene	mg/kg	0.01	3100		<0.42	<0.42	<0.42	<0.42	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Benzo-(a)-Pyrene	mg/kg	0.01	250		<0.42	<0.42	<0.42	<0.42	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Benzo-(ghi)-Perylene	mg/kg	0.01	N/A		<0.42	<0.42	<0.42	<0.42	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Indeno-(1,2,3-cd)-Pyrene	mg/kg	0.01	N/A		<0.42	<0.42	<0.42	<0.42	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Naphthalene	mg/kg	0.01	N/A		<0.42	<0.42	<0.42	<0.42	<0.42	106	47	140	35	85	36	27	36
1-Methylnaphthalene	mg/kg	0.01	N/A		N/A	N/A	N/A	N/A	N/A	68	31	94	24	86	24	21	24
2-Methylnaphthalene	mg/kg	0.01	N/A		<0.42	<0.42	<0.42	<0.42	<0.42	97	44	130	30	102	33	28	32
Acenaphthylene	mg/kg	0.01	N/A		<0.42	<0.42	<0.42	<0.42	<0.42	0.25	0.14	0.37	0.09	0.58	0.08	0.11	0.1
Acenaphthene	mg/kg	0.01	1300		<0.42	<0.42	<0.42	<0.42	<0.42	0.25	0.06	BDL	0.12	0.34	0.1	0.15	0.05
Fluorene	mg/kg	0.01	90		<0.42	<0.42	<0.42	<0.42	<0.42	0.54	0.16	0.64	0.15	0.74	0.15	0.19	0.17
Phenanthrene	mg/kg	0.01	270		<0.42	<0.42	<0.42	<0.42	<0.42	0.12	0.05	0.18	0.03	0.14	0.04	0.05	0.04
Anthracene	mg/kg	0.01	6.1		<0.42	<0.42	<0.42	<0.42	<0.42	BDL	BDL	0.07	BDL	BDL	BDL	BDL	BDL
Pyrene	mg/kg	0.01	31000		<0.42	<0.42	<0.42	<0.42	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Benzo-(a)-Anthracene	mg/kg	0.01	2500		<0.42	<0.42	<0.42	<0.42	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chrysene	mg/kg	0.01	3100		<0.42	<0.42	<0.42	<0.42	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dibenzo-(ah)-Anthracene	mg/kg	0.01	N/A		<0.42	<0.42	<0.42	<0.42	<0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
PCBs:																	
PCB No.28	mg/kg	0.0005	N/A		N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
PCB No.52	mg/kg	0.0005	N/A		N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
PCB No.101	mg/kg	0.0005	N/A		N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
PCB No.138	mg/kg	0.0005	N/A		N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
PCB No.153	mg/kg	0.0005	N/A		N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
PCB No.180	mg/kg	0.0005	N/A		N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Aroclor-1016	mg/kg	0.0005	7.4		<0.2	<0.2	<0.2	<0.2	<0.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Aroclor-1221	mg/kg	0.0005	N/A		<0.2	<0.2	<0.2	<0.2	<0.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Aroclor-1232	mg/kg	0.0005	N/A		<0.2	<0.2	<0.2	<0.2	<0.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Aroclor-1242	mg/kg	0.0005	N/A		<0.2	<0.2	<0.2	<0.2	<0.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Aroclor-1254	mg/kg	0.0005	5.2		<0.2	<0.2	<0.2	<0.2	<0.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Aroclor-1260	mg/kg	0.0005	N/A		<0.2	<0.2	<0.2	<0.2	<0.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Notes:

1. MDL: Method Detection Limit; BDL: Below Detection Limit
2. MSG-L: Military Soil Guidelines-Long Term, TG 230
3. N/A: Not Applicable or Not Analyzed

DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR

C-3

DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR

(U) (C//REL) Table C-6, Soil Results, Total Petroleum Hydrocarbons (TPH), Polynuclear Aromatic Hydrocarbons (PAHs), Polychlorinated Biphenyl

Boring/Area Identification				1F	1F	1G	1G	1H	1H	2A	2A	2A	2A	2B	2B	2B	
Depth Below Ground Surface (Meters)				2	3	2	3	2	3	1	2	3	3.5	1	2	3	
Analyte	Units	MDL ¹	MSG-L ²	PRG/RBC													
TPH	mg/kg	5	N/A		52,000	11,000	22,000	3,500	17,000	8,100	24000	33300	5060	1400	13600	11400	777
PAHs:																	
Fluoranthene	mg/kg	0.01	42000		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.03	BDL	0.02	BDL	BDL
Benzo-(b)-Fluoranthene	mg/kg	0.01	2500		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.02	BDL	BDL	BDL	BDL
Benzo-(k)-Fluoranthene	mg/kg	0.01	3100		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.02	BDL	BDL	BDL	BDL
Benzo-(a)-Pyrene	mg/kg	0.01	250		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.02	BDL	BDL	BDL	BDL
Benzo-(ghi)-Perylene	mg/kg	0.01	N/A		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.01	BDL	BDL	BDL	BDL
Indeno-(1,2,3-cd)-Pyrene	mg/kg	0.01	N/A		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.01	BDL	BDL	BDL	BDL
Naphthalene	mg/kg	0.01	N/A		227	80	133	46	88	63	76	115	31	25	59	125	17
1-Methylnaphthalene	mg/kg	0.01	N/A		221	63	90	28	61	41	62	81	20	17	50	90	11
2-Methylnaphthalene	mg/kg	0.01	N/A		260	85	124	41	83	57	73	102	25	18	60	114	13
Acenaphthylene	mg/kg	0.01	N/A		1.4	0.23	0.35	0.11	0.26	0.15	BDL	0.37	0.12	BDL	BDL	0.61	BDL
Acenaphthene	mg/kg	0.01	1300		1.1	0.28	0.19	0.1	0.25	0.23	0.2	BDL	0.08	0.07	0.24	0.37	0.06
Fluorene	mg/kg	0.01	90		1.8	0.5	0.6	0.21	0.53	0.28	0.38	0.65	0.12	0.09	0.4	0.59	0.06
Phenanthrene	mg/kg	0.01	270		0.59	0.11	0.14	0.05	0.13	0.07	0.07	0.14	0.04	0.03	0.18	0.17	0.02
Anthracene	mg/kg	0.01	6.1		0.03	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.02	BDL	BDL	BDL	BDL
Pyrene	mg/kg	0.01	31000		0.03	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.03	BDL	0.02	0.08	BDL
Benzo-(a)-Anthracene	mg/kg	0.01	2500		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.02	BDL	BDL	BDL	BDL
Chrysene	mg/kg	0.01	3100		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.02	BDL	BDL	BDL	BDL
Dibenzo-(ah)-Anthracene	mg/kg	0.01	N/A		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
PCBs:																	
PCB No.28	mg/kg	0.0005	N/A		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
PCB No.52	mg/kg	0.0005	N/A		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
PCB No.101	mg/kg	0.0005	N/A		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
PCB No.138	mg/kg	0.0005	N/A		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
PCB No.153	mg/kg	0.0005	N/A		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
PCB No.180	mg/kg	0.0005	N/A		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
PCB No.180	mg/kg	0.0005	7.4		N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Aroclor-1016	mg/kg	0.0005	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Aroclor-1221	mg/kg	0.0005	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Aroclor-1232	mg/kg	0.0005	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Aroclor-1242	mg/kg	0.0005	5.2		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Aroclor-1254	mg/kg	0.0005	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Aroclor-1260	mg/kg	0.0005	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Notes:

- 1. MDL: Method Detection Limit; BDL: Below Detection Limit
- 2. MSG-L: Military Soil Guidelines-Long Term, TG 230
- 3. N/A: Not Applicable or Not Analyzed

DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR

C-5

DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR

(U) (C//REL) Table C-6, Soil Results, Total Petroleum Hydrocarbons (TPH), Polynuclear Aromatic Hydrocarbons (PAHs), Polychlorinated Biphenyl

Boring/Area Identification					2C	2C	2C	4A	4A	4A	4B	4B	4B	4C	4C	4C	5B
Depth Below Ground Surface (Meters)					2	3	3.5	0	1	2	0	1	2	0	1	2	0
Analyte	Units	MDL ¹	MSG-L ²	PRG/RBC													
TPH	mg/kg	5	N/A		7890	2010	1620	BDL	6180	23400	11	2620	8740	7	BDL	275	<20 ⁴
PAHs:																	
Fluoranthene	mg/kg	0.01	42000		BDL	BDL	BDL	BDL	BDL	0.03	BDL	BDL	0.05	BDL	BDL	BDL	BDL
Benzo-(b)-Fluoranthene	mg/kg	0.01	2500		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.03	BDL	BDL	BDL	BDL
Benzo-(k)-Fluoranthene	mg/kg	0.01	3100		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.02	BDL	BDL	BDL	BDL
Benzo-(a)-Pyrene	mg/kg	0.01	250		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.02	BDL	BDL	BDL	BDL
Benzo-(ghi)-Perylene	mg/kg	0.01	N/A		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.01	BDL	BDL	BDL	BDL
Indeno-(1,2,3-cd)-Pyrene	mg/kg	0.01	N/A		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.01	BDL	BDL	BDL	BDL
Naphthalene	mg/kg	0.01	N/A		55	12	11	0.01	0.93	84	0.02	1.5	37	0.01	0.01	0.01	0.01
1-Methylnaphthalene	mg/kg	0.01	N/A		43	9.9	9.5	BDL	6.6	71	BDL	1.3	30	<0.1	<0.1	<0.1	BDL
2-Methylnaphthalene	mg/kg	0.01	N/A		50	11	11	BDL	5.4	85	BDL	1.3	36	<0.1	<0.1	<0.1	BDL
Acenaphthylene	mg/kg	0.01	N/A		BDL	0.05	BDL	BDL	BDL	0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Acenaphthene	mg/kg	0.01	1300		0.18	0.04	0.04	BDL	BDL	0.35	BDL	BDL	0.17	BDL	BDL	BDL	BDL
Fluorene	mg/kg	0.01	90		0.25	0.06	0.05	BDL	BDL	0.67	BDL	0.01	0.29	BDL	BDL	BDL	BDL
Phenanthrene	mg/kg	0.01	270		0.09	0.02	0.02	BDL	0.02	0.31	BDL	BDL	0.14	BDL	BDL	BDL	BDL
Anthracene	mg/kg	0.01	6.1		BDL	BDL	BDL	BDL	BDL	0.08	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Pyrene	mg/kg	0.01	31000		BDL	BDL	BDL	BDL	BDL	0.01	BDL	BDL	0.05	BDL	BDL	BDL	BDL
Benzo-(a)-Anthracene	mg/kg	0.01	2500		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.03	BDL	BDL	BDL	BDL
Chrysene	mg/kg	0.01	3100		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.04	BDL	BDL	BDL	BDL
Dibenzo-(ah)-Anthracene	mg/kg	0.01	N/A		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
PCBs:																	
PCB No.28	mg/kg	0.0005	N/A		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
PCB No.52	mg/kg	0.0005	N/A		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
PCB No.101	mg/kg	0.0005	N/A		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
PCB No.138	mg/kg	0.0005	N/A		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
PCB No.153	mg/kg	0.0005	N/A		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
PCB No.180	mg/kg	0.0005	N/A		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Aroclor-1016	mg/kg	0.0005	7.4		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Aroclor-1221	mg/kg	0.0005	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Aroclor-1232	mg/kg	0.0005	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Aroclor-1242	mg/kg	0.0005	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Aroclor-1254	mg/kg	0.0005	5.2		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Aroclor-1260	mg/kg	0.0005	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Notes:

1. MDL: Method Detection Limit; BDL: Below Detection Limit
2. MSG-L: Military Soil Guidelines-Long Term, TG 230
3. N/A: Not Applicable or Not Analyzed
4. TPH reported as 43 mg/kg, 2290 mg/kg, and 1970 mg/kg for 5B0, 5B1, and 5B2, respectively by Institute fur Analytische Chemie.

DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR

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DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR

(U) (C//REL)-Table C-6, Soil Results, Total Petroleum Hydrocarbons (TPH), Polynuclear Aromatic Hydrocarbons (PAHs), Polychlorinated Biphenyl

Boring/Area Identification				5C	5C	5C	20A	20B	20C	20D	20D	20E	30A	30A	30B	30B	
Depth Below Ground Surface (Meters)				0	1	2	2	3	2	2	3.5	2.5	0.5	1.5	0.5	1.5	
Analyte	Units	MDL ¹	MSG-L ²	PRG/RBC													
TPH	mg/kg	5	N/A		<20	<20	21	12000	<20	15000	44000	4100	<20	<10.5	<12	<11.3	<12.2
PAHs:																	
Fluoranthene	mg/kg	0.01	42000		BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	BDL	<0.4	<0.4	<0.4	<0.4
Benzo-(b)-Fluoranthene	mg/kg	0.01	2500		BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	BDL	<0.4	<0.4	<0.4	<0.4
Benzo-(k)-Fluoranthene	mg/kg	0.01	3100		BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	BDL	<0.4	<0.4	<0.4	<0.4
Benzo-(a)-Pyrene	mg/kg	0.01	250		BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	BDL	<0.4	<0.4	<0.4	<0.4
Benzo-(ghi)-Perylene	mg/kg	0.01	N/A		BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	BDL	<0.4	<0.4	<0.4	<0.4
Indeno-(1,2,3-cd)-Pyrene	mg/kg	0.01	N/A		BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	BDL	<0.4	<0.4	<0.4	<0.4
Naphthalene	mg/kg	0.01	N/A		0.01	0.01	26	N/A	N/A	N/A	N/A	N/A	BDL	<0.4	<0.4	<0.4	<0.4
1-Methylnaphthalene	mg/kg	0.01	N/A		0.01	0.01	62	N/A	N/A	N/A	N/A	N/A	BDL	N/A	N/A	N/A	N/A
2-Methylnaphthalene	mg/kg	0.01	N/A		0.01	0.01	76	N/A	N/A	N/A	N/A	N/A	BDL	N/A	N/A	N/A	N/A
Acenaphthylene	mg/kg	0.01	N/A		BDL	BDL	0.09	N/A	N/A	N/A	N/A	N/A	BDL	<0.4	<0.4	<0.4	<0.4
Acenaphthene	mg/kg	0.01	1300		BDL	BDL	0.09	N/A	N/A	N/A	N/A	N/A	BDL	<0.4	<0.4	<0.4	<0.4
Fluorene	mg/kg	0.01	90		BDL	BDL	0.10	N/A	N/A	N/A	N/A	N/A	BDL	<0.4	<0.4	<0.4	<0.4
Phenanthrene	mg/kg	0.01	270		BDL	BDL	0.03	N/A	N/A	N/A	N/A	N/A	BDL	<0.4	<0.4	<0.4	<0.4
Anthracene	mg/kg	0.01	6.1		BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	BDL	<0.4	<0.4	<0.4	<0.4
Pyrene	mg/kg	0.01	31000		BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	BDL	<0.4	<0.4	<0.4	<0.4
Benzo-(a)-Anthracene	mg/kg	0.01	2500		BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	BDL	<0.4	<0.4	<0.4	<0.4
Chrysene	mg/kg	0.01	3100		BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	BDL	<0.4	<0.4	<0.4	<0.4
Dibenzo-(ah)-Anthracene	mg/kg	0.01	N/A		BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	BDL	<0.4	<0.4	<0.4	<0.4
PCBs:																	
PCB No.28	mg/kg	0.0005	N/A		BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	BDL	<0.2	<0.2	<0.2	<0.2
PCB No.52	mg/kg	0.0005	N/A		BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	BDL	<0.2	<0.2	<0.2	<0.2
PCB No.101	mg/kg	0.0005	N/A		BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	BDL	<0.2	<0.2	<0.2	<0.2
PCB No.138	mg/kg	0.0005	N/A		BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	BDL	<0.2	<0.2	<0.2	<0.2
PCB No.153	mg/kg	0.0005	N/A		BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	BDL	<0.2	<0.2	<0.2	<0.2
PCB No.180	mg/kg	0.0005	N/A		BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	BDL	<0.2	<0.2	<0.2	<0.2
Aroclor-1016	mg/kg	0.0005	7.4		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Aroclor-1221	mg/kg	0.0005	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Aroclor-1232	mg/kg	0.0005	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Aroclor-1242	mg/kg	0.0005	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Aroclor-1254	mg/kg	0.0005	5.2		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Aroclor-1260	mg/kg	0.0005	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Notes:

1. MDL: Method Detection Limit; BDL: Below Detection Limit
2. MSG-L: Military Soil Guidelines-Long Term, TG 230
3. N/A: Not Applicable or Not Analyzed

DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR

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DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR

(U) (C//REL) Table C-6, Soil Results, Total Petroleum Hydrocarbons (TPH), Polynuclear Aromatic Hydrocarbons (PAHs), Polychlorinated Biphenyl

Boring/Area Identification				30D	30D	30E	30E	30F	30F	30G	40A	61A	61B	61C	61D	61E	
Depth Below Ground Surface (Meters)				0.5	1.5	0.5	1.5	0.5	1.5	1.5	4.5	0	0	0	0	0.5	
Analyte	Units	MDL ¹	MSG-L ²	PRG/RBC													
TPH	mg/kg	5	N/A		<11.3	80	24.7	<12.2	<11.2	75.8	<12.2	<20	21000	32	20000	15000	1300
PAHs:																	
Fluoranthene	mg/kg	0.01	42000		<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	BDL	N/A	N/A	N/A	N/A	N/A
Benzo-(b)-Fluoranthene	mg/kg	0.01	2500		<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	BDL	N/A	N/A	N/A	N/A	N/A
Benzo-(k)-Fluoranthene	mg/kg	0.01	3100		<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	BDL	N/A	N/A	N/A	N/A	N/A
Benzo-(a)-Pyrene	mg/kg	0.01	250		<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	BDL	N/A	N/A	N/A	N/A	N/A
Benzo-(ghi)-Perylene	mg/kg	0.01	N/A		<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	BDL	N/A	N/A	N/A	N/A	N/A
Indeno-(1,2,3-cd)-Pyrene	mg/kg	0.01	N/A		<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	BDL	N/A	N/A	N/A	N/A	N/A
Naphthalene	mg/kg	0.01	N/A		<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	BDL	N/A	N/A	N/A	N/A	N/A
1-Methylnaphthalene	mg/kg	0.01	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2-Methylnaphthalene	mg/kg	0.01	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Acenaphthylene	mg/kg	0.01	N/A		<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	BDL	N/A	N/A	N/A	N/A	N/A
Acenaphthene	mg/kg	0.01	1300		<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	BDL	N/A	N/A	N/A	N/A	N/A
Fluorene	mg/kg	0.01	90		<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	BDL	N/A	N/A	N/A	N/A	N/A
Phenanthrene	mg/kg	0.01	270		<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	BDL	N/A	N/A	N/A	N/A	N/A
Anthracene	mg/kg	0.01	6.1		<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	BDL	N/A	N/A	N/A	N/A	N/A
Pyrene	mg/kg	0.01	31000		<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	BDL	N/A	N/A	N/A	N/A	N/A
Benzo-(a)-Anthracene	mg/kg	0.01	2500		<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	BDL	N/A	N/A	N/A	N/A	N/A
Chrysene	mg/kg	0.01	3100		<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	BDL	N/A	N/A	N/A	N/A	N/A
Dibenzo-(ah)-Anthracene	mg/kg	0.01	N/A		<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	BDL	N/A	N/A	N/A	N/A	N/A
PCBs:																	
PCB No.28	mg/kg	0.0005	N/A		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	BDL	N/A	N/A	N/A	N/A	N/A
PCB No.52	mg/kg	0.0005	N/A		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	BDL	N/A	N/A	N/A	N/A	N/A
PCB No.101	mg/kg	0.0005	N/A		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	BDL	N/A	N/A	N/A	N/A	N/A
PCB No.138	mg/kg	0.0005	N/A		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	BDL	N/A	N/A	N/A	N/A	N/A
PCB No.153	mg/kg	0.0005	N/A		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	BDL	N/A	N/A	N/A	N/A	N/A
PCB No.180	mg/kg	0.0005	N/A		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	BDL	N/A	N/A	N/A	N/A	N/A
Aroclor-1016	mg/kg	0.0005	7.4		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Aroclor-1221	mg/kg	0.0005	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Aroclor-1232	mg/kg	0.0005	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Aroclor-1242	mg/kg	0.0005	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Aroclor-1254	mg/kg	0.0005	5.2		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Aroclor-1260	mg/kg	0.0005	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Notes:

1. MDL: Method Detection Limit; BDL: Below Detection Limit
2. MSG-L: Military Soil Guidelines-Long Term, TG 230
3. N/A: Not Applicable or Not Analyzed

DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR

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DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR

(U) (C//REL)-Table C-6, Soil Results, Total Petroleum Hydrocarbons (TPH), Polynuclear Aromatic Hydrocarbons (PAHs), Polychlorinated Biphenyl

Boring/Area Identification				62C	62D	62E	70A	70A	70B	70C	70D	70E	70F	80A	80A	80A	
Depth Below Ground Surface (Meters)				0	0	0.5	1	1.5	0	0	0	0	0	0.5	1	2.5	
Analyte	Units	MDL ¹	MSG-L ²	PRG/RBC													
TPH	mg/kg	5	N/A		200	1500	240	44000	10000	21000	130000	79000	60000	42000	<20	500	16000
PAHs:																	
Fluoranthene	mg/kg	0.01	42000		N/A	N/A	N/A	0.02	BDL	N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL
Benzo-(b)-Fluoranthene	mg/kg	0.01	2500		N/A	N/A	N/A	BDL	BDL	N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL
Benzo-(k)-Fluoranthene	mg/kg	0.01	3100		N/A	N/A	N/A	BDL	BDL	N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL
Benzo-(a)-Pyrene	mg/kg	0.01	250		N/A	N/A	N/A	BDL	BDL	N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL
Benzo-(ghi)-Perylene	mg/kg	0.01	N/A		N/A	N/A	N/A	BDL	BDL	N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL
Indeno-(1,2,3-cd)-Pyrene	mg/kg	0.01	N/A		N/A	N/A	N/A	BDL	BDL	N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL
Naphthalene	mg/kg	0.01	N/A		N/A	N/A	N/A	43	11	N/A	N/A	N/A	N/A	N/A	BDL	1.7	55
1-Methylnaphthalene	mg/kg	0.01	N/A		N/A	N/A	N/A	64	16	N/A	N/A	N/A	N/A	N/A	BDL	2.1	45
2-Methylnaphthalene	mg/kg	0.01	N/A		N/A	N/A	N/A	60	16	N/A	N/A	N/A	N/A	N/A	BDL	1.9	58
Acenaphthylene	mg/kg	0.01	N/A		N/A	N/A	N/A	0.78	BDL	N/A	N/A	N/A	N/A	N/A	BDL	0.01	BDL
Acenaphthene	mg/kg	0.01	1300		N/A	N/A	N/A	BDL	BDL	N/A	N/A	N/A	N/A	N/A	BDL	BDL	0.19
Fluorene	mg/kg	0.01	90		N/A	N/A	N/A	0.70	0.16	N/A	N/A	N/A	N/A	N/A	BDL	BDL	0.28
Phenanthrene	mg/kg	0.01	270		N/A	N/A	N/A	0.33	0.09	N/A	N/A	N/A	N/A	N/A	BDL	0.01	0.11
Anthracene	mg/kg	0.01	6.1		N/A	N/A	N/A	BDL	BDL	N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL
Pyrene	mg/kg	0.01	31000		N/A	N/A	N/A	BDL	BDL	N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL
Benzo-(a)-Anthracene	mg/kg	0.01	2500		N/A	N/A	N/A	BDL	BDL	N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL
Chrysene	mg/kg	0.01	3100		N/A	N/A	N/A	BDL	BDL	N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL
Dibenzo-(ah)-Anthracene	mg/kg	0.01	N/A		N/A	N/A	N/A	BDL	BDL	N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL
PCBs:																	
PCB No.28	mg/kg	0.0005	N/A		N/A	N/A	N/A	BDL	BDL	N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL
PCB No.52	mg/kg	0.0005	N/A		N/A	N/A	N/A	0.0009	BDL	N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL
PCB No.101	mg/kg	0.0005	N/A		N/A	N/A	N/A	0.0011	BDL	N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL
PCB No.138	mg/kg	0.0005	N/A		N/A	N/A	N/A	0.0017	BDL	N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL
PCB No.153	mg/kg	0.0005	N/A		N/A	N/A	N/A	0.0010	BDL	N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL
PCB No.180	mg/kg	0.0005	N/A		N/A	N/A	N/A	0.0005	BDL	N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL
Aroclor-1016	mg/kg	0.0005	7.4		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Aroclor-1221	mg/kg	0.0005	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Aroclor-1232	mg/kg	0.0005	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Aroclor-1242	mg/kg	0.0005	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Aroclor-1254	mg/kg	0.0005	5.2		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Aroclor-1260	mg/kg	0.0005	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Notes:

1. MDL: Method Detection Limit; BDL: Below Detection Limit
2. MSG-L: Military Soil Guidelines-Long Term, TG 230
3. N/A: Not Applicable or Not Analyzed

DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR

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DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR

(U) (C//REL) Table C-6, Soil Results, Total Petroleum Hydrocarbons (TPH), Polynuclear Aromatic Hydrocarbons (PAHs), Polychlorinated Biphenyl

Boring/Area Identification					80B	80C	80C	80C	Area 15	Area 16	Area 17	Area 18	Area 19	Area 20	Area 30	Area 31
Depth Below Ground Surface (Meters)					2	0.5	1.5	2.5	0	0	0	0	0	0	0	0
Analyte	Units	MDL ¹	MSG-L ²	PRG/RBC												
TPH	mg/kg	5	N/A		47000	23	32000	22000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PAHs:																
Fluoranthene	mg/kg	0.01	42000		BDL	BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Benzo-(b)-Fluoranthene	mg/kg	0.01	2500		BDL	BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Benzo-(k)-Fluoranthene	mg/kg	0.01	3100		BDL	BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Benzo-(a)-Pyrene	mg/kg	0.01	250		BDL	BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Benzo-(ghi)-Perylene	mg/kg	0.01	N/A		BDL	BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Indeno-(1,2,3-cd)-Pyrene	mg/kg	0.01	N/A		BDL	BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Naphthalene	mg/kg	0.01	N/A		139	0.02	97	56	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1-Methylnaphthalene	mg/kg	0.01	N/A		101	BDL	86	42	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2-Methylnaphthalene	mg/kg	0.01	N/A		132	BDL	101	53	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Acenaphthylene	mg/kg	0.01	N/A		0.57	BDL	0.40	0.19	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Acenaphthene	mg/kg	0.01	1300		0.54	BDL	0.47	0.20	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fluorene	mg/kg	0.01	90		0.82	BDL	0.58	0.29	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Phenanthrene	mg/kg	0.01	270		0.17	BDL	0.21	0.10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Anthracene	mg/kg	0.01	6.1		BDL	BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pyrene	mg/kg	0.01	31000		BDL	BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Benzo-(a)-Anthracene	mg/kg	0.01	2500		BDL	BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chrysene	mg/kg	0.01	3100		BDL	BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dibenzo-(ah)-Anthracene	mg/kg	0.01	N/A		BDL	BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCBs:																
PCB No.28	mg/kg	0.0005	N/A	2.1	BDL	BDL	BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB No.52	mg/kg	0.0005	N/A		BDL	BDL	BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB No.101	mg/kg	0.0005	N/A		BDL	BDL	BDL	BDL	0.0008	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB No.138	mg/kg	0.0005	N/A		BDL	BDL	BDL	BDL	0.0012	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB No.153	mg/kg	0.0005	N/A		BDL	BDL	BDL	BDL	0.0008	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB No.180	mg/kg	0.0005	N/A		BDL	BDL	BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Aroclor-1016	mg/kg	0.0005	7.4		N/A	N/A	N/A	N/A	N/A	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Aroclor-1221	mg/kg	0.0005	N/A		N/A	N/A	N/A	N/A	N/A	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Aroclor-1232	mg/kg	0.0005	N/A		N/A	N/A	N/A	N/A	N/A	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Aroclor-1242	mg/kg	0.0005	N/A		N/A	N/A	N/A	N/A	N/A	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Aroclor-1254	mg/kg	0.0005	5.2		N/A	N/A	N/A	N/A	N/A	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Aroclor-1260	mg/kg	0.0005	N/A		N/A	N/A	N/A	N/A	N/A	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2

Notes:

1. MDL: Method Detection Limit; BDL: Below Detection Limit
2. MSG-L: Military Soil Guidelines-Long Term, TG 230
3. N/A: Not Applicable or Not Analyzed

(U) (C//REL) Table C-6, Soil Results, Total Petroleum Hydrocarbons (TPH), Polynuclear Aromatic Hydrocarbons (PAHs), Polychlorinated Biphenyl

Boring/Area Identification					Area 81	Area 82	Area 83	Area 84	BERM 1	BERM 2	BERM 3	BERM 4	BERM 5	BERM 7
Depth Below Ground Surface (Meters)					0	0	0	0	N/A	N/A	N/A	N/A	N/A	N/A
Analyte	Units	MDL ¹	MSG-L ²	PRG/RBC										
TPH	mg/kg	5	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PAHs:														
Fluoranthene	mg/kg	0.01	42000		BDL	0.01	0.10	0.90	N/A	N/A	N/A	N/A	N/A	N/A
Benzo-(b)-Fluoranthene	mg/kg	0.01	2500		BDL	0.01	0.10	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Benzo-(k)-Fluoranthene	mg/kg	0.01	3100		BDL	0.01	0.08	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Benzo-(a)-Pyrene	mg/kg	0.01	250		BDL	BDL	0.08	1.1	N/A	N/A	N/A	N/A	N/A	N/A
Benzo-(ghi)-Perylene	mg/kg	0.01	N/A		BDL	BDL	0.08	0.63	N/A	N/A	N/A	N/A	N/A	N/A
Indeno-(1,2,3-cd)-Pyrene	mg/kg	0.01	N/A		BDL	BDL	0.07	0.67	N/A	N/A	N/A	N/A	N/A	N/A
Naphthalene	mg/kg	0.01	N/A		BDL	0.02	0.02	0.36	N/A	N/A	N/A	N/A	N/A	N/A
1-Methylnaphthalene	mg/kg	0.01	N/A		BDL	0.01	BDL	0.25	N/A	N/A	N/A	N/A	N/A	N/A
2-Methylnaphthalene	mg/kg	0.01	N/A		BDL	0.02	0.01	0.47	N/A	N/A	N/A	N/A	N/A	N/A
Acenaphthylene	mg/kg	0.01	N/A		BDL	BDL	0.02	0.04	N/A	N/A	N/A	N/A	N/A	N/A
Acenaphthene	mg/kg	0.01	1300		BDL	BDL	BDL	BDL	N/A	N/A	N/A	N/A	N/A	N/A
Fluorene	mg/kg	0.01	90		BDL	BDL	BDL	0.02	N/A	N/A	N/A	N/A	N/A	N/A
Phenanthrene	mg/kg	0.01	270		BDL	0.01	0.02	0.52	N/A	N/A	N/A	N/A	N/A	N/A
Anthracene	mg/kg	0.01	6.1		BDL	BDL	0.02	0.06	N/A	N/A	N/A	N/A	N/A	N/A
Pyrene	mg/kg	0.01	31000		BDL	BDL	0.09	0.89	N/A	N/A	N/A	N/A	N/A	N/A
Benzo-(a)-Anthracene	mg/kg	0.01	2500		BDL	BDL	0.05	1.1	N/A	N/A	N/A	N/A	N/A	N/A
Chrysene	mg/kg	0.01	3100		BDL	0.01	0.09	1.4	N/A	N/A	N/A	N/A	N/A	N/A
Dibenzo-(ah)-Anthracene	mg/kg	0.01	N/A		BDL	BDL	0.02	0.30	N/A	N/A	N/A	N/A	N/A	N/A
PCBs:														
			2.1											
PCB No.28	mg/kg	0.0005	N/A		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
PCB No.52	mg/kg	0.0005	N/A		BDL	0.0009	0.0007	0.0018	BDL	BDL	BDL	BDL	BDL	BDL
PCB No.101	mg/kg	0.0005	N/A		BDL	0.0035	0.0036	0.0094	BDL	BDL	BDL	BDL	BDL	BDL
PCB No.138	mg/kg	0.0005	N/A		BDL	0.0057	0.0076	0.021	BDL	BDL	BDL	BDL	BDL	BDL
PCB No.153	mg/kg	0.0005	N/A		BDL	0.0038	0.0048	0.012	BDL	BDL	BDL	BDL	BDL	BDL
PCB No.180	mg/kg	0.0005	N/A		BDL	0.0009	0.0009	0.0026	BDL	BDL	BDL	BDL	BDL	BDL
Aroclor-1016	mg/kg	0.0005	7.4		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Aroclor-1221	mg/kg	0.0005	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Aroclor-1232	mg/kg	0.0005	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Aroclor-1242	mg/kg	0.0005	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Aroclor-1254	mg/kg	0.0005	5.2		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Aroclor-1260	mg/kg	0.0005	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Notes:

1. MDL: Method Detection Limit; BDL: Below Detection Limit
2. MSG-L: Military Soil Guidelines-Long Term, TG 230
3. N/A: Not Applicable or Not Analyzed

1E 2	1E 3
50,000	9600
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
205	43
165	29
224	38
0.62	0.15
0.77	0.12
1.1	0.2
0.34	0.05
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A

DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR

C-17

DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR

2B	2C
3.5	1
843	4170
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
8.1	4.4
5.4	7.9
5.7	1.6
BDL	0.06
0.02	0.05
0.03	0.12
0.01	0.05
BDL	0.01
BDL	0.01
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A

DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR

C-19

DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR

5B 1	5B 2
<20 ⁴	18000 ⁴
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
0.01	22
0.01	99
0.01	124
BDL	0.39
BDL	0.40
BDL	0.62
BDL	0.19
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
BDL	BDL
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A

DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR

C-21

DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR

30C 0.5	30C 1.5
<10.8	<11.1
<0.4	<0.4
<0.4	<0.4
<0.4	<0.4
<0.4	<0.4
<0.4	<0.4
<0.4	<0.4
<0.4	<0.4
N/A	N/A
N/A	N/A
<0.4	<0.4
<0.4	<0.4
<0.4	<0.4
<0.4	<0.4
<0.4	<0.4
<0.4	<0.4
<0.4	<0.4
<0.4	<0.4
<0.4	<0.4
<0.4	<0.4
<0.4	<0.4
<0.4	<0.4
<0.2	<0.2
<0.2	<0.2
<0.2	<0.2
<0.2	<0.2
<0.2	<0.2
<0.2	<0.2
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A

DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR

C-23

DECLASSIFIED CONFIDENTIAL//REL TO USA, AUS, CAN and GBR//MR

