

Table 5-1

**Surface Soil Analytical Results
Ground Scar Near the ASP, Parcel 156(7)
Fort McClellan, Calhoun County, Alabama**

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Parcel Sample Location Sample Number Sample Date Sample Depth (Feet)					GSBP-156 SI14-SS01 14-SS01A 20-May-98 0-1					GSBP-156 SI14-SS02 14-SS02A 20-May-98 0-1					GSBP-156 SI14-SS03 14-SS03A 20-May-98 0-1				
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
METALS																			
Aluminum	mg/kg	1.63E+04	7.80E+03	5.00E+01	8.35E+03			YES	YES	8.03E+03			YES	YES	6.79E+03				YES
Antimony	mg/kg	1.99E+00	3.11E+00	3.50E+00	ND					ND					ND				
Arsenic	mg/kg	1.37E+01	4.26E-01	1.00E+01	4.48E+00			YES		3.62E+00			YES		3.27E+00			YES	
Barium	mg/kg	1.24E+02	5.47E+02	1.65E+02	6.96E+01					7.59E+01					5.52E+01				
Beryllium	mg/kg	8.00E-01	9.60E+00	1.10E+00	9.51E-01		YES			1.08E+00		YES			9.67E-01		YES		
Cadmium	mg/kg	2.90E-01	6.25E+00	1.60E+00	ND					ND					ND				
Calcium	mg/kg	1.72E+03	NA	NA	7.77E+02					6.07E+02					2.19E+02				
Chromium	mg/kg	3.70E+01	2.32E+01	4.00E-01	1.51E+01				YES	1.52E+01				YES	1.27E+01				YES
Cobalt	mg/kg	1.52E+01	4.68E+02	2.00E+01	1.15E+01					1.95E+01		YES			8.63E+00				
Copper	mg/kg	1.27E+01	3.13E+02	4.00E+01	2.44E+01		YES			2.28E+01		YES			1.38E+01		YES		
Iron	mg/kg	3.42E+04	2.34E+03	2.00E+02	2.32E+04			YES	YES	2.60E+04			YES	YES	1.73E+04			YES	YES
Lead	mg/kg	4.01E+01	4.00E+02	5.00E+01	2.32E+01					3.90E+01					2.07E+01				
Magnesium	mg/kg	1.03E+03	NA	4.40E+05	7.89E+02					9.44E+02					4.72E+02				
Manganese	mg/kg	1.58E+03	3.63E+02	1.00E+02	4.41E+02			YES	YES	3.80E+02			YES	YES	3.57E+02				YES
Mercury	mg/kg	8.00E-02	2.33E+00	1.00E-01	3.71E-02 J					3.20E-02 J					7.02E-02 J				
Nickel	mg/kg	1.03E+01	1.54E+02	3.00E+01	1.28E+01		YES			1.19E+01		YES			6.33E+00				
Potassium	mg/kg	8.00E+02	NA	NA	6.50E+02					4.66E+02		YES			4.14E+02				
Selenium	mg/kg	4.80E-01	3.91E+01	8.10E-01	9.19E-01		YES		YES	9.52E-01		YES		YES	7.66E-01		YES		
Silver	mg/kg	3.60E-01	3.91E+01	2.00E+00	2.90E-01					ND					ND				
Sodium	mg/kg	6.34E+02	NA	NA	1.74E+02					2.28E+02					1.38E+02				
Thallium	mg/kg	3.43E+00	5.08E-01	1.00E+00	1.39E+00			YES	YES	9.54E-01			YES		ND				
Vanadium	mg/kg	5.88E+01	5.31E+01	2.00E+00	2.55E+01				YES	2.39E+01				YES	2.07E+01				YES
Zinc	mg/kg	4.06E+01	2.34E+03	5.00E+01	4.87E+01		YES			5.31E+01		YES		YES	2.30E+01				
VOLATILE ORGANIC COMPOUNDS																			
1,1,1-Trichloroethane	mg/kg	NA	1.55E+03	1.00E-01	7.00E-02					7.70E-02					1.00E-01				YES
1,1-Dichloroethane	mg/kg	NA	7.77E+02	1.00E-01	ND					ND					4.70E-03				
1,1-Dichloroethene	mg/kg	NA	1.05E+00	1.00E-01	4.00E-03 J					ND					ND				
1,2-Dichloroethene	mg/kg	NA	7.00E+01	1.00E-01	2.50E-03 J					3.00E-03 J					4.10E-03 J				
1,2-Dichloropropane	mg/kg	NA	9.26E+00	7.00E+02	5.80E-03					7.70E-03					9.20E-03				
2-Butanone	mg/kg	NA	4.66E+03	8.96E+01	2.30E-02					1.50E-02 J					2.20E-02 J				
Acetone	mg/kg	NA	7.76E+02	2.50E+00	3.00E-01					1.60E-01					3.50E-01				
Benzene	mg/kg	NA	2.17E+01	5.00E-02	2.90E-03 J					1.80E-03 J					2.20E-03 J				
Carbon disulfide	mg/kg	NA	7.77E+02	9.00E-02	ND					ND					ND				
Ethylbenzene	mg/kg	NA	7.77E+02	5.00E-02	5.30E-03					8.30E-03					8.20E-03				
Methylene chloride	mg/kg	NA	8.41E+01	2.00E+00	1.10E-01					1.20E-01					1.60E-01				
Tetrachloroethene	mg/kg	NA	1.21E+01	1.00E-02	5.50E-02				YES	7.10E-02				YES	8.20E-02				YES
Toluene	mg/kg	NA	1.55E+03	5.00E-02	8.30E-03					1.10E-02					1.30E-02				
Trichloroethene	mg/kg	NA	5.72E+01	1.00E-03	2.80E-02				YES	3.50E-02				YES	4.70E-02				YES
Xylene, Total	mg/kg	NA	1.55E+04	5.00E-02	2.20E-02					3.50E-02					3.30E-02				

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**Surface Soil Analytical Results
Ground Scar Near the ASP, Parcel 156(7)
Fort McClellan, Calhoun County, Alabama**

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Parcel Sample Location Sample Number Sample Date Sample Depth (Feet)					GSBP-156 SI14-SS01 14-SS01A 20-May-98 0- 1					GSBP-156 SI14-SS02 14-SS02A 20-May-98 0- 1					GSBP-156 SI14-SS03 14-SS03A 20-May-98 0- 1				
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
SEMIVOLATILE ORGANIC COMPOUNDS																			
Acenaphthylene	mg/kg	8.91E-01	4.63E+02	6.82E+02	ND					ND					ND				
Anthracene	mg/kg	9.35E-01	2.33E+03	1.00E-01	ND					ND					ND				
Benzo(a)anthracene	mg/kg	1.19E+00	8.51E-01	5.21E+00	ND					ND					ND				
Benzo(a)pyrene	mg/kg	1.42E+00	8.51E-02	1.00E-01	ND					ND					ND				
Benzo(b)fluoranthene	mg/kg	1.66E+00	8.51E-01	5.98E+01	ND					ND					ND				
Benzo(ghi)perylene	mg/kg	9.55E-01	2.32E+02	1.19E+02	ND					ND					ND				
Benzo(k)fluoranthene	mg/kg	1.45E+00	8.51E+00	1.48E+02	ND					ND					ND				
Chrysene	mg/kg	1.40E+00	8.61E+01	4.73E+00	ND					ND					ND				
Di-n-butyl phthalate	mg/kg	NA	7.80E+02	2.00E+02	ND					ND					ND				
Fluoranthene	mg/kg	2.03E+00	3.09E+02	1.00E-01	ND					ND					ND				
Indeno(1,2,3-cd)pyrene	mg/kg	9.37E-01	8.51E-01	1.09E+02	ND					ND					ND				
Phenanthrene	mg/kg	1.08E+00	2.32E+03	1.00E-01	ND					ND					ND				
Pyrene	mg/kg	1.63E+00	2.33E+02	1.00E-01	ND					ND					ND				
bis(2-Ethylhexyl)phthalate	mg/kg	NA	4.52E+01	9.30E-01	1.74E-01	B				3.20E-02	B				1.50E-02	B			
PESTICIDES																			
4,4'-DDD	mg/kg	NA	2.54E+00	2.50E-03	ND					ND					ND				
4,4'-DDE	mg/kg	NA	1.79E+00	2.50E-03	ND					ND					ND				
4,4'-DDT	mg/kg	NA	1.79E+00	2.50E-03	ND					ND					ND				
Chlordane	mg/kg	NA	1.69E+00	1.00E-01	ND					ND					ND				
alpha-Chlordane	mg/kg	NA	NA	NA	ND					ND					ND				
gamma-Chlordane	mg/kg	NA	NA	NA	ND					ND					ND				
HERBICIDES																			
2,2-Dichloropropanoic Acid	mg/kg	NA	2.33E+02	1.00E-01	ND					ND					ND				

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Surface Soil Analytical Results
Ground Scar Near the ASP, Parcel 156(7)
Fort McClellan, Calhoun County, Alabama

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Parcel Sample Location Sample Number Sample Date Sample Depth (Feet)					GSBP-156 SI14-SS04 14-SS04 22-May-98 0-1					GSBP-156 SI14-SS05 14-SS05 22-May-98 0-1					GSBP-156 SI14-SS06 14-SS06 22-May-98 0-1				
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
METALS																			
Aluminum	mg/kg	1.63E+04	7.80E+03	5.00E+01	9.94E+03			YES	YES	1.23E+04			YES	YES	9.04E+03			YES	YES
Antimony	mg/kg	1.99E+00	3.11E+00	3.50E+00	ND					ND					1.12E+00				
Arsenic	mg/kg	1.37E+01	4.26E-01	1.00E+01	4.01E+00			YES		8.64E+00			YES		7.15E+00			YES	
Barium	mg/kg	1.24E+02	5.47E+02	1.65E+02	6.36E+01					6.25E+01					1.05E+02				
Beryllium	mg/kg	8.00E-01	9.60E+00	1.10E+00	9.71E-01		YES			1.12E+00		YES		YES	8.93E-01		YES		
Cadmium	mg/kg	2.90E-01	6.25E+00	1.60E+00	1.85E-01					ND					ND				
Calcium	mg/kg	1.72E+03	NA	NA	1.62E+04		YES			1.34E+03					1.05E+03				
Chromium	mg/kg	3.70E+01	2.32E+01	4.00E-01	1.39E+01				YES	1.79E+01				YES	2.12E+01				YES
Cobalt	mg/kg	1.52E+01	4.68E+02	2.00E+01	5.09E+00					1.06E+01					1.05E+01				
Copper	mg/kg	1.27E+01	3.13E+02	4.00E+01	1.62E+01		YES			4.13E+01		YES		YES	3.35E+01		YES		
Iron	mg/kg	3.42E+04	2.34E+03	2.00E+02	1.50E+04			YES	YES	3.35E+04			YES	YES	3.01E+04			YES	YES
Lead	mg/kg	4.01E+01	4.00E+02	5.00E+01	1.73E+01					2.12E+01					1.12E+02		YES		YES
Magnesium	mg/kg	1.03E+03	NA	4.40E+05	4.97E+03		YES			2.79E+03		YES			7.81E+02				
Manganese	mg/kg	1.58E+03	3.63E+02	1.00E+02	2.89E+02				YES	3.01E+02				YES	3.79E+02			YES	YES
Mercury	mg/kg	8.00E-02	2.33E+00	1.00E-01	4.74E-02 J					3.20E-02 J					3.57E-02 J				
Nickel	mg/kg	1.03E+01	1.54E+02	3.00E+01	9.48E+00					1.90E+01		YES			1.23E+01		YES		
Potassium	mg/kg	8.00E+02	NA	NA	9.71E+02		YES			7.70E+02					6.25E+02				
Selenium	mg/kg	4.80E-01	3.91E+01	8.10E-01	8.39E-01		YES		YES	2.00E+00		YES		YES	1.89E+00		YES		YES
Silver	mg/kg	3.60E-01	3.91E+01	2.00E+00	ND					ND					2.23E-01				
Sodium	mg/kg	6.34E+02	NA	NA	5.09E+02					3.46E+02					4.02E+02				
Thallium	mg/kg	3.43E+00	5.08E-01	1.00E+00	ND					1.08E+00			YES	YES	1.23E+00			YES	YES
Vanadium	mg/kg	5.88E+01	5.31E+01	2.00E+00	2.31E+01				YES	3.35E+01				YES	3.13E+01				YES
Zinc	mg/kg	4.06E+01	2.34E+03	5.00E+01	4.16E+01		YES			6.92E+01		YES		YES	1.56E+02		YES		YES
VOLATILE ORGANIC COMPOUNDS																			
1,1,1-Trichloroethane	mg/kg	NA	1.55E+03	1.00E-01	3.40E-03 J					1.50E-03 J					5.40E-02				
1,1-Dichloroethane	mg/kg	NA	7.77E+02	1.00E-01	ND					ND					ND				
1,1-Dichloroethene	mg/kg	NA	1.05E+00	1.00E-01	ND					ND					ND				
1,2-Dichloroethene	mg/kg	NA	7.00E+01	1.00E-01	ND					ND					1.20E-03 J				
1,2-Dichloropropane	mg/kg	NA	9.26E+00	7.00E+02	5.00E-03 J					1.30E-03 J					2.40E-02				
2-Butanone	mg/kg	NA	4.66E+03	8.96E+01	2.70E-02 J					2.20E-02 J					1.60E-02 J				
Acetone	mg/kg	NA	7.76E+02	2.50E+00	4.30E-01 J					5.10E-01 J					2.20E-01 J				
Benzene	mg/kg	NA	2.17E+01	5.00E-02	8.20E-04 J					7.80E-04 J					1.00E-03 J				
Carbon disulfide	mg/kg	NA	7.77E+02	9.00E-02	1.30E-02					ND					ND				
Ethylbenzene	mg/kg	NA	7.77E+02	5.00E-02	2.80E-03 J					2.00E-03 J					9.60E-03				
Methylene chloride	mg/kg	NA	8.41E+01	2.00E+00	4.20E-03 J					3.20E-03 J					4.50E-02				
Tetrachloroethene	mg/kg	NA	1.21E+01	1.00E-02	1.40E-02				YES	7.40E-03					8.00E-02				YES
Toluene	mg/kg	NA	1.55E+03	5.00E-02	2.20E-03 J					2.40E-03 J					1.20E-02				
Trichloroethene	mg/kg	NA	5.72E+01	1.00E-03	ND					3.50E-03 J				YES	2.70E-02				YES
Xylene, Total	mg/kg	NA	1.55E+04	5.00E-02	1.30E-02					9.50E-03					4.40E-02				

Table 5-1

**Surface Soil Analytical Results
Ground Scar Near the ASP, Parcel 156(7)
Fort McClellan, Calhoun County, Alabama**

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Parcel Sample Location Sample Number Sample Date Sample Depth (Feet)					GSBP-156 SI14-SS04 14-SS04 22-May-98 0-1					GSBP-156 SI14-SS05 14-SS05 22-May-98 0-1					GSBP-156 SI14-SS06 14-SS06 22-May-98 0-1				
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
SEMIVOLATILE ORGANIC COMPOUNDS																			
Acenaphthylene	mg/kg	8.91E-01	4.63E+02	6.82E+02	1.20E+00		YES			ND					ND				
Anthracene	mg/kg	9.35E-01	2.33E+03	1.00E-01	2.20E-01	J			YES	ND					ND				
Benzo(a)anthracene	mg/kg	1.19E+00	8.51E-01	5.21E+00	6.50E-01					ND					ND				
Benzo(a)pyrene	mg/kg	1.42E+00	8.51E-02	1.00E-01	2.00E+00		YES	YES	YES	7.00E-02	J				ND				
Benzo(b)fluoranthene	mg/kg	1.66E+00	8.51E-01	5.98E+01	1.70E+00		YES	YES		9.30E-02	J				ND				
Benzo(ghi)perylene	mg/kg	9.55E-01	2.32E+02	1.19E+02	2.70E+00		YES			ND					ND				
Benzo(k)fluoranthene	mg/kg	1.45E+00	8.51E+00	1.48E+02	1.70E+00		YES			6.20E-02	J				ND				
Chrysene	mg/kg	1.40E+00	8.61E+01	4.73E+00	7.20E-01					ND					ND				
Di-n-butyl phthalate	mg/kg	NA	7.80E+02	2.00E+02	ND					ND					ND				
Fluoranthene	mg/kg	2.03E+00	3.09E+02	1.00E-01	8.20E-01				YES	ND					ND				
Indeno(1,2,3-cd)pyrene	mg/kg	9.37E-01	8.51E-01	1.09E+02	2.02E+00		YES	YES		ND					ND				
Phenanthrene	mg/kg	1.08E+00	2.32E+03	1.00E-01	2.80E-01	J			YES	ND					ND				
Pyrene	mg/kg	1.63E+00	2.33E+02	1.00E-01	9.00E-01	J			YES	ND					ND				
bis(2-Ethylhexyl)phthalate	mg/kg	NA	4.52E+01	9.30E-01	ND					1.00E+00	J			YES	2.30E-01	B			
PESTICIDES																			
4,4'-DDD	mg/kg	NA	2.54E+00	2.50E-03	ND					ND					1.76E-02	J			YES
4,4'-DDE	mg/kg	NA	1.79E+00	2.50E-03	3.40E-02				YES	1.30E-03					2.36E-02				YES
4,4'-DDT	mg/kg	NA	1.79E+00	2.50E-03	1.03E-02	J			YES	1.47E-03	J				7.50E-02	J			YES
Chlordane	mg/kg	NA	1.69E+00	1.00E-01	ND					ND					1.95E-02				
alpha-Chlordane	mg/kg	NA	NA	NA	ND					ND					1.84E-03				
gamma-Chlordane	mg/kg	NA	NA	NA	ND					ND					2.73E-03				
HERBICIDES																			
2,2-Dichloropropanoic Acid	mg/kg	NA	2.33E+02	1.00E-01	ND					ND					4.24E-02				

Table 5-1

Surface Soil Analytical Results
Ground Scar Near the ASP, Parcel 156(7)
Fort McClellan, Calhoun County, Alabama

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Parcel Sample Location Sample Number Sample Date Sample Depth (Feet)					GSBP-156 SI14-SS07 14-SS07 22-May-98 0-1					GSBP-156 SI14-SS08 14-SS08 22-May-98 0-1					GSBP-156 SI14-SS09 14-SS09 21-May-98 0-1				
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
METALS																			
Aluminum	mg/kg	1.63E+04	7.80E+03	5.00E+01	8.83E+03			YES	YES	7.51E+03				YES	8.00E+03			YES	YES
Antimony	mg/kg	1.99E+00	3.11E+00	3.50E+00	ND					ND					ND				
Arsenic	mg/kg	1.37E+01	4.26E-01	1.00E+01	6.16E+00			YES		4.46E+00			YES		4.24E+00			YES	
Barium	mg/kg	1.24E+02	5.47E+02	1.65E+02	6.42E+01					6.94E+01					4.97E+01				
Beryllium	mg/kg	8.00E-01	9.60E+00	1.10E+00	1.07E+00		YES			1.39E+00		YES		YES	1.07E+00		YES		
Cadmium	mg/kg	2.90E-01	6.25E+00	1.60E+00	ND					ND					ND				
Calcium	mg/kg	1.72E+03	NA	NA	3.33E+02					2.89E+02					1.33E+02				
Chromium	mg/kg	3.70E+01	2.32E+01	4.00E-01	2.06E+01				YES	1.39E+01				YES	1.82E+01				YES
Cobalt	mg/kg	1.52E+01	4.68E+02	2.00E+01	9.98E+00					2.20E+01		YES		YES	1.12E+01				
Copper	mg/kg	1.27E+01	3.13E+02	4.00E+01	2.87E+01		YES			2.08E+01		YES			1.58E+01		YES		
Iron	mg/kg	3.42E+04	2.34E+03	2.00E+02	3.33E+04			YES	YES	2.20E+04			YES	YES	2.55E+04			YES	YES
Lead	mg/kg	4.01E+01	4.00E+02	5.00E+01	2.29E+01					2.77E+01					1.82E+01				
Magnesium	mg/kg	1.03E+03	NA	4.40E+05	6.88E+02					6.24E+02					4.97E+02				
Manganese	mg/kg	1.58E+03	3.63E+02	1.00E+02	6.77E+02			YES	YES	1.39E+03			YES	YES	5.70E+02			YES	YES
Mercury	mg/kg	8.00E-02	2.33E+00	1.00E-01	5.16E-02 J					4.90E-02 J					4.73E-02 J				
Nickel	mg/kg	1.03E+01	1.54E+02	3.00E+01	1.49E+01		YES			1.16E+01		YES			7.76E+00				
Potassium	mg/kg	8.00E+02	NA	NA	7.34E+02					4.74E+02					4.36E+02				
Selenium	mg/kg	4.80E-01	3.91E+01	8.10E-01	1.89E+00		YES		YES	1.09E+00		YES		YES	9.78E-01		YES		YES
Silver	mg/kg	3.60E-01	3.91E+01	2.00E+00	ND					ND					2.42E-01				
Sodium	mg/kg	6.34E+02	NA	NA	4.47E+02					3.58E+02					1.45E+02				
Thallium	mg/kg	3.43E+00	5.08E-01	1.00E+00	1.15E+00			YES	YES	8.32E-01			YES		6.55E-01			YES	
Vanadium	mg/kg	5.88E+01	5.31E+01	2.00E+00	3.10E+01				YES	2.31E+01				YES	2.67E+01				YES
Zinc	mg/kg	4.06E+01	2.34E+03	5.00E+01	6.08E+01		YES		YES	4.39E+01		YES			2.55E+01				
VOLATILE ORGANIC COMPOUNDS																			
1,1,1-Trichloroethane	mg/kg	NA	1.55E+03	1.00E-01	2.30E-02					2.60E-03 J					8.20E-02				
1,1-Dichloroethane	mg/kg	NA	7.77E+02	1.00E-01	ND					ND					ND				
1,1-Dichloroethene	mg/kg	NA	1.05E+00	1.00E-01	ND					ND					4.00E-03 J				
1,2-Dichloroethene	mg/kg	NA	7.00E+01	1.00E-01	ND					ND					3.10E-03 J				
1,2-Dichloropropane	mg/kg	NA	9.26E+00	7.00E+02	3.50E-03 J					2.10E-03 J					9.50E-03				
2-Butanone	mg/kg	NA	4.66E+03	8.96E+01	2.70E-02 J					2.30E-02 J					1.20E-02 J				
Acetone	mg/kg	NA	7.76E+02	2.50E+00	5.50E-01 J					4.20E-01 J					1.50E-01				
Benzene	mg/kg	NA	2.17E+01	5.00E-02	2.30E-03 J					ND					1.60E-03 J				
Carbon disulfide	mg/kg	NA	7.77E+02	9.00E-02	ND					ND					ND				
Ethylbenzene	mg/kg	NA	7.77E+02	5.00E-02	3.00E-03 J					3.60E-03 J					7.30E-03				
Methylene chloride	mg/kg	NA	8.41E+01	2.00E+00	2.30E-02					3.10E-03 J					1.30E-01				
Tetrachloroethene	mg/kg	NA	1.21E+01	1.00E-02	1.90E-02				YES	1.90E-02				YES	8.00E-02				YES
Toluene	mg/kg	NA	1.55E+03	5.00E-02	6.50E-03					ND					1.30E-02				
Trichloroethene	mg/kg	NA	5.72E+01	1.00E-03	1.00E-02				YES	3.90E-03 J				YES	4.10E-02				YES
Xylene, Total	mg/kg	NA	1.55E+04	5.00E-02	1.50E-02					1.80E-02					3.00E-02				

Table 5-1

**Surface Soil Analytical Results
Ground Scar Near the ASP, Parcel 156(7)
Fort McClellan, Calhoun County, Alabama**

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Parcel Sample Location Sample Number Sample Date Sample Depth (Feet)					GSBP-156 SI14-SS07 14-SS07 22-May-98 0-1					GSBP-156 SI14-SS08 14-SS08 22-May-98 0-1					GSBP-156 SI14-SS09 14-SS09 21-May-98 0-1				
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
SEMIVOLATILE ORGANIC COMPOUNDS																			
Acenaphthylene	mg/kg	8.91E-01	4.63E+02	6.82E+02	ND					ND					ND				
Anthracene	mg/kg	9.35E-01	2.33E+03	1.00E-01	ND					ND					ND				
Benzo(a)anthracene	mg/kg	1.19E+00	8.51E-01	5.21E+00	ND					ND					ND				
Benzo(a)pyrene	mg/kg	1.42E+00	8.51E-02	1.00E-01	ND					ND					ND				
Benzo(b)fluoranthene	mg/kg	1.66E+00	8.51E-01	5.98E+01	ND					ND					ND				
Benzo(ghi)perylene	mg/kg	9.55E-01	2.32E+02	1.19E+02	ND					ND					ND				
Benzo(k)fluoranthene	mg/kg	1.45E+00	8.51E+00	1.48E+02	ND					ND					ND				
Chrysene	mg/kg	1.40E+00	8.61E+01	4.73E+00	ND					ND					ND				
Di-n-butyl phthalate	mg/kg	NA	7.80E+02	2.00E+02	ND					1.30E-02	J				1.80E-02	J			
Fluoranthene	mg/kg	2.03E+00	3.09E+02	1.00E-01	ND					ND					ND				
Indeno(1,2,3-cd)pyrene	mg/kg	9.37E-01	8.51E-01	1.09E+02	ND					ND					ND				
Phenanthrene	mg/kg	1.08E+00	2.32E+03	1.00E-01	ND					ND					ND				
Pyrene	mg/kg	1.63E+00	2.33E+02	1.00E-01	ND					ND					ND				
bis(2-Ethylhexyl)phthalate	mg/kg	NA	4.52E+01	9.30E-01	2.80E-01	B				4.40E-01	B				7.70E-02	B			
PESTICIDES																			
4,4'-DDD	mg/kg	NA	2.54E+00	2.50E-03	ND					ND					ND				
4,4'-DDE	mg/kg	NA	1.79E+00	2.50E-03	ND					ND					ND				
4,4'-DDT	mg/kg	NA	1.79E+00	2.50E-03	ND					ND					ND				
Chlordane	mg/kg	NA	1.69E+00	1.00E-01	ND					ND					ND				
alpha-Chlordane	mg/kg	NA	NA	NA	ND					ND					ND				
gamma-Chlordane	mg/kg	NA	NA	NA	ND					ND					ND				
HERBICIDES																			
2,2-Dichloropropanoic Acid	mg/kg	NA	2.33E+02	1.00E-01	1.67E-02					2.47E-02					ND				

Table 5-1

Surface Soil Analytical Results Ground Scar Near the ASP, Parcel 156(7) Fort McClellan, Calhoun County, Alabama

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Analyses performed using U.S. Environmental Protection Agency (EPA) SW-846 analytical methods, including Update III methods where applicable.

- ^a Bkg - Background. Concentration listed is two times (2x) the arithmetic mean of background metals concentration given in Science Applications International Corporation (1998), *Final Background Metals Survey Report, Fort McClellan, Alabama*, July.
For SVOCs, value listed is the background screening criterion for soils adjacent to asphalt as given in IT Corporation (2000), *Final Human Health and Ecological Screening Values and PAH Background Summary Report, Fort McClellan, Calhoun County, Alabama*, July.
- ^b Residential human health site-specific screening level (SSSL) and ecological screening value (ESV) as given in IT Corporation (2000), *Final Human Health and Ecological Screening Values and PAH Background Summary Report, Fort McClellan, Calhoun County, Alabama*, July.
- B - Analyte detected in laboratory or field blank at concentration greater than the reporting limit (and greater than zero).
- J - Compound positively identified; reported value is estimated concentration.
- mg/kg - Milligrams per kilogram.
- NA - Not available.
- ND - Not detected.
- Qual - Data validation qualifier.