Table 5-2

Subsurface Soil Analytical Results
Area M2, Subsection of Area 45
Fort McClellan, Calhoun County, Alabama

Sample Location				HR-232Q-GP01				HR-232Q-GP02				HR-232Q-GP03				HR-232Q-GP04				HR-232Q-GP05			
Sample Number				EC0002				EC0004				EC0006				EC0010				EC0012			
Sample Date				28-Mar-00				27-Mar-00				27-Mar-00				27-Mar-00				27-Mar-00			
Sample Depth (Feet)				4-8				8-12				2-4				8-12				4-8			
Parameter	Units	BKG[a]	SSSL[b]	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL
METALS																							
Aluminum	mg/kg	1.36E+04	7.80E+03	1.41E+03				7.62E+03				9.04E+03			YES	1.13E+04			YES	9.64E+03			YES
Antimony	mg/kg	1.31E+00	3.11E+00	ND				ND				1.10E+00	J			ND				ND			
Arsenic	mg/kg	1.83E+01	4.26E-01	1.75E+01			YES	2.37E+01		YES	YES	2.24E+01		YES	YES	9.80E+00			YES	2.04E+01		YES	YES
Barium	mg/kg	2.34E+02	5.47E+02	3.80E+01	J			8.40E+00	J			1.46E+01	J			1.11E+01	J			3.20E+01	J		
Beryllium	mg/kg	8.60E-01	9.60E+00	8.30E-01				3.60E-01	J			4.00E-01	J			2.90E-01	B			2.90E-01	B		
Calcium	mg/kg	6.37E+02	NA	4.42E+01	J			ND				5.13E+01	J			1.39E+01	J			2.81E+01	J		
Chromium	mg/kg	3.83E+01	2.32E+01	6.70E+00				2.84E+01	J		YES	8.30E+01	J	YES	YES	4.75E+01	J	YES	YES	9.56E+01	J	YES	YES
Cobalt	mg/kg	1.75E+01	4.68E+02	1.22E+01	J			5.10E+00	J			1.20E+01				7.50E+00				4.20E+00	J		
Copper	mg/kg	1.94E+01	3.13E+02	3.12E+01	J	YES		2.40E+01		YES		8.50E+00				1.11E+01				1.57E+01			
Iron	mg/kg	4.48E+04	2.34E+03	1.42E+04			YES	4.42E+04			YES	7.95E+04		YES	YES	2.96E+04			YES	4.25E+04			YES
Lead	mg/kg	3.85E+01	4.00E+02	2.41E+01	J			2.06E+01				1.76E+01				1.37E+01				1.76E+01			
Magnesium	mg/kg	7.66E+02	NA	6.50E+01	J			6.91E+01	J			8.50E+01	J			1.41E+02	J			1.11E+02	J		
Manganese	mg/kg	1.36E+03	3.63E+02	3.77E+02	J		YES	1.75E+02				3.07E+02				2.56E+02				3.35E+02			
Mercury	mg/kg	7.00E-02	2.33E+00	1.10E-01		YES		3.80E-02	J			4.90E-02				3.20E-02	J			3.50E-02	J		
Nickel	mg/kg	1.29E+01	1.54E+02	1.75E+01	J	YES		1.03E+01				1.87E+01		YES		5.90E+00				6.80E+00			
Potassium	mg/kg	7.11E+02	NA	7.09E+01	J			1.22E+02	J			8.72E+01	J			9.42E+01	J			1.51E+02	J		
Selenium	mg/kg	4.70E-01	3.91E+01	9.60E-01		YES		ND				ND				ND				ND			
Thallium	mg/kg	1.40E+00	5.08E-01	8.40E-01	J		YES	6.00E-01	J		YES	8.80E-01	J		YES	ND				ND			
Vanadium	mg/kg	6.49E+01	5.31E+01	2.03E+01				6.50E+01		YES	YES	9.74E+01		YES	YES	4.72E+01				7.66E+01		YES	YES
Zinc	mg/kg	3.49E+01	2.34E+03	3.52E+01	J	YES		2.96E+01	J			4.22E+01	J	YES		1.80E+01	J			1.96E+01	J		
VOLATILE ORGANIC COMPOUNDS																							
1,2,4-Trimethylbenzene	mg/kg	NA	3.88E+02	ND				ND				ND				ND				ND			
Methylene chloride	mg/kg	NA	8.41E+01	3.80E-03	B			4.50E-03	B			5.20E-03	B			6.30E-03	B			4.70E-03	B		
Trichlorofluoromethane	mg/kg	NA	2.33E+03	ND				ND				1.40E-03	J			1.90E-03	J			ND			
SEMIVOLATILE ORGANIC COMPOUNDS																							
bis(2-Ethylhexyl)phthalate	mg/kg	NA	4.52E+01	1.10E-01	B			1.30E-01	B			1.10E-01	B			1.30E-01	B			1.40E-01	B		

Table 5-2

Subsurface Soil Analytical Results
Area M2, Subsection of Area 45
Fort McClellan, Calhoun County, Alabama

Sample Location				HR-232Q-GP06				HR-232Q-GP07				HR-232Q-GP08				HR-232Q-GP09				HR-232Q-GP10			
Sample Number				EC0014				EC0016				EC0018				EC0020				EC0022			
Sample Date				28-Mar-00				28-Mar-00				28-Mar-00				28-Mar-00				28-Mar-00			
Sample Depth (Feet)				8-12				8-12				4-7				8-12				8-12			
Parameter	Units	BKG[a]	SSSL[b]	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL
METALS																							
Aluminum	mg/kg	1.36E+04	7.80E+03	7.03E+03				5.68E+03				7.09E+03				7.85E+03			YES	9.08E+03			YES
Antimony	mg/kg	1.31E+00	3.11E+00	ND				ND				ND				7.10E-01	J			ND			
Arsenic	mg/kg	1.83E+01	4.26E-01	2.17E+01		YES	YES	2.82E+01		YES	YES	2.76E+01		YES	YES	5.10E+01		YES	YES	8.30E+00			YES
Barium	mg/kg	2.34E+02	5.47E+02	2.94E+01	J			3.09E+01	J			6.40E+00	J			4.09E+01	J			1.17E+01	J		
Beryllium	mg/kg	8.60E-01	9.60E+00	2.40E-01	B			3.60E-01	J			1.40E-01	B			6.70E-01				2.30E-01	B		
Calcium	mg/kg	6.37E+02	NA	3.55E+01	J			2.80E+02	J			1.31E+02	J			3.16E+01	J			3.61E+01	J		
Chromium	mg/kg	3.83E+01	2.32E+01	2.53E+01			YES	8.40E+00				3.29E+01			YES	1.74E+01				2.08E+01			
Cobalt	mg/kg	1.75E+01	4.68E+02	2.90E+00	J			6.50E+01	J	YES		1.50E+00	J			7.90E+00	J			2.70E+00	J		
Copper	mg/kg	1.94E+01	3.13E+02	1.77E+01	J			7.41E+01	J	YES		1.09E+01	J			4.32E+01	J	YES		1.28E+01	J		
Iron	mg/kg	4.48E+04	2.34E+03	2.70E+04			YES	2.36E+04			YES	5.03E+04		YES	YES	5.20E+04		YES	YES	3.03E+04			YES
Lead	mg/kg	3.85E+01	4.00E+02	1.49E+01	J			6.21E+01	J	YES		8.60E+00	J			3.24E+01	J			7.70E+00	J		
Magnesium	mg/kg	7.66E+02	NA	1.66E+02	J			1.31E+02	J			7.52E+01	J			1.72E+02	J			1.21E+02	J		
Manganese	mg/kg	1.36E+03	3.63E+02	1.47E+02	J			4.83E+03	J	YES	YES	3.39E+01	J			3.99E+02	J		YES	7.00E+01	J		
Mercury	mg/kg	7.00E-02	2.33E+00	3.40E-02	J			1.20E-01		YES		1.50E-02	J			3.40E-02	J			3.90E-02	J		
Nickel	mg/kg	1.29E+01	1.54E+02	7.00E+00	J			9.19E+01	J	YES		3.70E+00	J			2.13E+01	J	YES		4.80E+00	J		
Potassium	mg/kg	7.11E+02	NA	1.90E+02	J			1.54E+02	J			8.41E+01	J			3.29E+02	J			1.04E+02	J		
Selenium	mg/kg	4.70E-01	3.91E+01	ND				ND				ND				ND				ND			
Thallium	mg/kg	1.40E+00	5.08E-01	ND				ND				ND				1.00E+00	J		YES	ND			
Vanadium	mg/kg	6.49E+01	5.31E+01	4.08E+01				3.13E+01				7.42E+01		YES	YES	7.23E+01		YES	YES	4.86E+01			
Zinc	mg/kg	3.49E+01	2.34E+03	1.97E+01	J			8.18E+01	J	YES		1.07E+01	J			6.13E+01	J	YES		1.50E+01	J		
VOLATILE ORGANIC COMPOUNDS																							
1,2,4-Trimethylbenzene	mg/kg	NA	3.88E+02	ND				ND				7.50E-04	J			ND				ND			
Methylene chloride	mg/kg	NA	8.41E+01	4.10E-03	B			4.20E-03	B			4.10E-03	B			3.90E-03	B			4.80E-03	B		
Trichlorofluoromethane	mg/kg	NA	2.33E+03	ND				ND				ND				ND				ND			
SEMIVOLATILE ORGANIC COMPOUNDS																							
bis(2-Ethylhexyl)phthalate	mg/kg	NA	4.52E+01	1.10E-01	B			1.20E-01	B			8.70E-02	B			1.90E-01	B			8.80E-02	B		

Table 5-2

Subsurface Soil Analytical Results
Area M2, Subsection of Area 45
Fort McClellan, Calhoun County, Alabama

Sample Location				HR-232Q-GP11				HR-232Q-GP12				HR-232Q-GP13				HR-232Q-GP14			
Sample Number				EC0024				EC0026				EC0028				EC0032			
Sample Date				29-Mar-00				29-Mar-00				29-Mar-00				29-Mar-00			
Sample Depth (Feet)				8-12				8-12				8-12				8-12			
Parameter	**Units**	**BKG[a]**	**SSSL[b]**	**Result**	**Qual**	**>BKG**	**>SSSL**	**Result**	**Qual**	**>BKG**	**>SSSL**	**Result**	**Qual**	**>BKG**	**>SSSL**	**Result**	**Qual**	**>BKG**	**>SSSL**
METALS																			
Aluminum	mg/kg	1.36E+04	7.80E+03	1.11E+04			YES	7.85E+03			YES	6.01E+03				1.09E+04			YES
Antimony	mg/kg	1.31E+00	3.11E+00	ND				ND				ND				ND			
Arsenic	mg/kg	1.83E+01	4.26E-01	1.59E+01			YES	3.45E+01		YES	YES	2.19E+01		YES	YES	1.92E+01		YES	YES
Barium	mg/kg	2.34E+02	5.47E+02	1.15E+01	J			4.26E+01				7.70E+00	J			2.42E+01			
Beryllium	mg/kg	8.60E-01	9.60E+00	1.70E-01	B			8.80E-01		YES		2.60E-01	B			2.10E-01	B		
Calcium	mg/kg	6.37E+02	NA	3.60E+02	J			1.59E+02	J			5.16E+01	J			4.24E+02	J		
Chromium	mg/kg	3.83E+01	2.32E+01	4.25E+01		YES	YES	1.57E+01				1.92E+01				3.66E+01			YES
Cobalt	mg/kg	1.75E+01	4.68E+02	2.20E+00	J			1.69E+01				2.40E+00	J			2.10E+00	J		
Copper	mg/kg	1.94E+01	3.13E+02	1.61E+01				4.37E+01		YES		1.30E+01				1.33E+01			
Iron	mg/kg	4.48E+04	2.34E+03	4.43E+04			YES	5.06E+04		YES	YES	3.60E+04			YES	4.34E+04			YES
Lead	mg/kg	3.85E+01	4.00E+02	9.30E+00	J			4.61E+01	J	YES		9.00E+00	J			1.03E+01	J		
Magnesium	mg/kg	7.66E+02	NA	1.80E+02	J			1.54E+02	J			5.71E+01	J			1.53E+02	J		
Manganese	mg/kg	1.36E+03	3.63E+02	1.15E+02				4.84E+02			YES	9.42E+01				1.74E+02			
Mercury	mg/kg	7.00E-02	2.33E+00	1.20E-01		YES		1.30E-01		YES		5.30E-02	B			9.40E-02		YES	
Nickel	mg/kg	1.29E+01	1.54E+02	4.10E+00	J			2.70E+01		YES		6.50E+00				4.00E+00	J		
Potassium	mg/kg	7.11E+02	NA	2.46E+02	J			2.48E+02	J			1.28E+02	J			1.74E+02	J		
Selenium	mg/kg	4.70E-01	3.91E+01	ND				ND				ND				ND			
Thallium	mg/kg	1.40E+00	5.08E-01	7.30E-01	J		YES	1.10E+00	J		YES	7.10E-01	J		YES	ND			
Vanadium	mg/kg	6.49E+01	5.31E+01	7.19E+01		YES	YES	7.01E+01		YES	YES	5.65E+01			YES	7.91E+01		YES	YES
Zinc	mg/kg	3.49E+01	2.34E+03	4.55E+01	J	YES		1.77E+02	J	YES		2.21E+01	J			4.12E+01	J	YES	
VOLATILE ORGANIC COMPOUNDS																			
1,2,4-Trimethylbenzene	mg/kg	NA	3.88E+02	ND				ND				ND				ND			
Methylene chloride	mg/kg	NA	8.41E+01	3.70E-03	B			4.50E-03	B			4.00E-03	B			3.50E-03	B		
Trichlorofluoromethane	mg/kg	NA	2.33E+03	ND				ND				ND				ND			
SEMIVOLATILE ORGANIC COMPOUNDS																			
bis(2-Ethylhexyl)phthalate	mg/kg	NA	4.52E+01	1.20E-01	B			8.60E-02	B			1.00E-01	B			1.40E-01	B		