

**Table B8-2**  
**Summary of Chemical Constituents Detected in Sifted Soils, April 2000**  
**SWMU B-8 RCRA Facility Investigation and Interim Measures**

	Soil Comparison Criteria					B8-SIFT01				B8-SIFT02				B8-SIFT03			
	Lab	Lab	Background <sup>a</sup>	RRS2-GWP	RRS2-SAI	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL
	MDL	RL	Soil	(Ind.)	(Ind.)												
<b>Sample ID</b>						04/21/00				04/21/00				04/21/00			
<b>Sample Date</b>						N1				N1				N1			
<b>Sample Type</b>						Soil (Kr)				Soil (Kr)				Soil (Kr)			
<b>Soil Type</b>						1				2				3			
<b>Beginning Depth</b>						1.5				2.5				3.5			
<b>Ending Depth</b>						00C00900 / AP91514				AP91521				AP91522			
<b>Lab ID</b>																	
<b>SW6010B (mg/kg)</b>																	
Barium	0.08	1.0	186	200	59,000	65.44		1	1.0	<b>2393.4</b>	<b>10</b>	<b>10.0</b>	<b>2135.8</b>	<b>20</b>	<b>20.0</b>		
Chromium	0.1	20.0	40.2	10	350,000	20.1		1	20.0	34.9	1	20.0	39.7	1	20.0		
Copper	0.19	2.0	23.2	130	74,000	<b>24.61</b>		<b>1</b>	<b>2.0</b>	<b>422.2</b>	<b>10</b>	<b>20.0</b>	<b>2155.34</b>	<b>20</b>	<b>40.0</b>		
Nickel	0.12	2.0	35.5	200	12,000	10.59		1	2.0	20.16	1	2.0	23.24	1	2.0		
Zinc	0.63	5.0	73.2	3,100	41,000	55.82		1	5.0	<b>133.21</b>	<b>1</b>	<b>5.0</b>	<b>411.86</b>	<b>20</b>	<b>100.0</b>		
<b>SW7060A (mg/kg)</b>																	
Arsenic	0.04	0.5	19.6	5	200	7.82	J	5	2.5	10.39	J	5	2.5	10.98	J	5	2.5
<b>SW7131A (mg/kg)</b>																	
Cadmium	0.01	0.1	3	0.5	410	0.24		1	0.1	0.74	5	0.5	0.3	1	0.1		
<b>SW7421 (mg/kg)</b>																	
Lead	0.13	0.5	84.5	1.5	1,000	<b>3161</b>	<b>J</b>	<b>1000</b>	<b>500.0</b>	<b>3610.51</b>	<b>J</b>	<b>1000</b>	<b>500.0</b>	<b>3892.36</b>	<b>J</b>	<b>1000</b>	<b>500.0</b>
<b>SW7471A (mg/kg)</b>																	
Mercury	0.01	0.1	0.77	0.2	9.6	0.01	J	1	0.1	0.24	J	1	0.1	0.07	F	1	0.1
<b>SW8260B (mg/kg)</b>																	
Methylene chloride	0.0007	0.005	--	0.5	16	0.0020	F	1	0.005								
Trichloroethene	0.001	0.01	--	0.5	6.6	0.002	F	1	0.01								
<b>SW8330 (mg/kg)</b>																	
Trinitrotoluene, 2,4,6-	0.031	0.25	--	5.1	510	0.176	F	1	0.25								

Tables present all laboratory results for analytes detected above the method detection limit. Results from all laboratory analysis are presented in Appendix B. All samples were analyzed by APPL Inc. and DataChem Laboratories. Referenced laboratory package numbers: APPL Inc.: 32498  
 DataChem: 94-01  
 All MS/MSD results are presented in the Data Verification Report, Appendix D.

**Abbreviations and Notes:**

- Highlighted and bolded sample concentrations exceed RRS1 (background) Standards.
- Boxed samples indicate results greater than RRS2 Standards.
- No risk reduction standard or background level available
- a Background values from Revised Background Report, 2001
- DL Dilution
- FD1 Field Duplicate
- GR Glen Rose
- GWP-Ind Soil MSC based on groundwater protection
- Kr Krum Complex
- MDL Method Detection Limit
- N1 Environmental Sample
- NA Not Available
- RL Reporting Limit
- SAI-Ind Soil MSC for industrial use based on inhalation, ingestion, and dermal contact
- SQL Sample Quantitation Limit

**Data Qualifiers:**

- F- The analyte was positively identified but the associated numerical value is below the RL.
- J - The analyte was positively identified, the quantitation is an estimation.