

**Table AOC50-3  
Summary of Detected Constituents, Subsurface Soil Samples, April 2001**

	Sample ID					AOC50-T1				AOC50-T2				AOC50-T3				
	Sample Date					04/12/01				04/12/01				04/12/01				
	Sample Type					N1				N1				N1				
	SoiType					So				So				So				
Beginning Depth					4.5				3.0				2.5					
Ending Depth					5.0				3.5				3.0					
Lab Sample ID					S4153				S4154				S4155					
Soil Comparison Criteria																		
		Background*		GWP-Ind														
Lab MDL	Lab RL	Soil	(mg/kg)	SAI-Ind (mg/kg)	Results	Flags	Dilutions	SQL	Results	Flags	Dilutions	SQL	Results	Flags	Dilutions	SQL		
<b>SW6010B</b>																		
Barium	0.04	1.	186	200	59000	63.7		1	1	56.1		1	1	43.7		1	1	
Chromium	0.06	20.	40.2	10	350000	19.80	F	1	20	17.70	F	1	20	13.60	F	1	20	
Copper	0.08	2.	23.2	130	74000	12.90		1	2	10.70		1	2	8.90		1	2	
Nickel	0.118	2.	35.5	200	12000	13.580		1	2	11.950		1	2	9.440		1	2	
Zinc	0.31	2.	73.2	3100	410000	46.30		1	2	38.30		1	2	31.50		1	2	
<b>SW7060A</b>																		
Arsenic	0.047	0.5	19.6	5	200	3.160	J	1	0.5	4.120	M	1	0.5	4.060	M	1	0.5	
<b>SW7131A</b>																		
Cadmium	0.0104	0.1	3	0.5	1500	0.2780	J	1	0.1	0.3510	M	1	0.1	0.3150	M	1	0.1	
<b>SW7471</b>																		
Lead	0.269	5	84.5	1.5	1000	17.010			10	50	16.790	M	10	50	13.580	M	10	50
<b>SW7471A</b>																		
Mercury	0.0217	0.1	0.77	0.2	9.6	0.0217	U	1	0.1	0.033	F	1	0.1	0.095	F	1	0.1	
<b>SW8260B</b>																		
Benzene	0.00012	0.002	--	0.50	1.6	0.0005	F	1	0.002	0.0006	F	1	0.002	0.0006	F	1	0.002	
Chloroform	0.00012	0.002	--	10.00	0.51	0.00012	U	1	0.002	0.0007	F	1	0.002	0.00012	U	1	0.002	
Toluene	0.00015	0.005	--	100	2400	0.00015	U	1	0.005	0.0007	F	1	0.005	0.0007	F	1	0.005	
Trichloroethene	0.0002	0.01	--	0.5	6.6	0.001	F	1	0.01	0.001	F	1	0.01	0.001	F	1	0.01	

Tables present all laboratory results for analytes detected above the method detection limit.

Results from all laboratory analysis are presented in Appendix A

All samples were analyzed by O'Brien and Gere Laboratories.

Referenced laboratory package numbers: O'Brien and Gere: 8675

All MS/MSD results are presented in the Data Verification Report, Appendix B.

**Abbreviations/Notes:**

Highlighted and bolded sample concentrations exceed RRS1

Boxed samples indicate results greater than RRS2 standards. As per 30 TAC 335.555(D)(1), concentrations that do not exceed RRS1 levels do not, therefore, exceed RRS2 levels. Although CSSA plans to pursue RRS1 closure, RRS2 criteria are included in the table to provide a frame of reference for RRS1 exceedances.

a Background values from Second Revision to the Evaluation of Background Metals Concentration in Soils and Bedrock at CSSA Report (Parsons, 2002)

-- No risk reduction standard or background level available

DL Dilution

FD1 Field Duplicate

GWP-Ind Soil MSC based on groundwater protection

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.

M - A matrix effect was present.

U - The analyte was analyzed for, but not detected. The associated numerical value is the MDL