

Table AOC48-1
Summary of Chemical Constituents Detected in Surface Soil, June 2000
Area of Concern 48

	Sample ID					AOC48-SS01				AOC48-SS02				AOC48-SS03				AOC48-SS03			
	Sampled Date					06/14/00				06/14/00				06/14/00				06/14/00			
	Sample Type					N1				N1				N1				FD1			
Soil Type					Soils (Tf)				Soils (Tf)				Soils (Tf)				Soils (Tf)				
Beginning Depth					0.				0.				0.				0.				
Ending Depth					0.5				0.5				0.5				0.5				
Lab ID					AP93967				AP93968				AP93969				AP93970				
Soil Comparison Criteria																					
	Background ^a					Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL
	Lab MDL	Lab RL	Soils	RRS2-GWP (Ind.)	RRS2-SAI (Ind.)																
SW6010B (mg/kg)																					
Barium	0.08	1.0	186	200	59000	92.72	J	1	1	103.58	J	1	1	89.93	J	1	1	93.44	J	1	1
Chromium	0.1	20.0	40.2	10	350000	25.5		1	20	20.6		1	20	24.7		1	20	26.8		1	20
Copper	0.19	2.0	23.2	130	74000	19.77		1	2	12.12		1	2	14.37		1	2	13.94		1	2
Nickel	0.12	2.0	35.5	200	12000	15.34	J	1	2	14.55	J	1	2	14.66	J	1	2	14.97	J	1	2
Zinc	0.63	5.0	73.2	3100	41000	55.18	J	1	5	30.58	J	1	5	40.44	J	1	5	43.89	J	1	5
SW7060A (mg/kg)																					
Arsenic	0.04	0.5	19.6	5	200	9.03		5	2.5	8.96		5	2.5	9.41		5	2.5	8.89		5	2.5
SW7131A (mg/kg)																					
Cadmium	0.01	0.1	3	0.5	410	0.16	M	1	0.1	0.15	M	1	0.1	0.18	M	1	0.1	0.16	M	1	0.1
SW7421 (mg/kg)																					
Lead	0.13	0.5	84.5	1.5	1000	32.27	M	10	5	19.55	M	10	5	38.04	M	10	5	34.14	M	10	5
SW7471A (mg/kg)																					
Mercury	0.01	0.1	0.77	0.2	9.6	0.05	F	1	0.1	0.03	F	1	0.1	0.03	F	1	0.1	0.04	F	1	0.1
SW8260B (mg/kg)																					
Methylene chloride	0.0007	0.005		0.5	16	0.0007	M	1	0.005	0.0007	M	1	0.005	0.0007	M	1	0.005	0.0037	M	1	0.005
SW8270C (mg/kg)																					
Di-n-butylphthalate	0.04	0.7		1000	100000	0.06	F	1	0.7	0.05	F	1	0.7	0.05	F	1	0.7	0.07	F	1	0.7

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 APPL Inc.

Referenced laboratory package numbers: APPL Inc.: 32926

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

Abbreviations/Notes:

Highlighted and bolded samples concentrations exceed RRS1 (background) standards

Boxed samples indicate results greater than RRS2 standards

a Background values from Revised Background Report, 2002

-- No risk reduction standard or background level available

Cb Crawford and Bexar soils

DL Dilution

FD1 Field Duplicate

GWP-Ind Soil MSC based on groundwater protection

Tf Trinity & Frio

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