

EPA SAMPLE NO.

MBHK44L

FORM 8-IN

ICP-AES AND ICP-MS SERIAL DILUTIONS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51879 MA No.: _____ SDG No.: MBHK41Matrix : Soil Analytical Method: ICP-AES% Solids: 89Concentration Units ($\mu\text{g/L}$, mg/L or mg/kg dry weight): mg/kg

Analyte	Initial Sample Result (I)	Q	Serial Dilution Result (S)	Q	% Difference	Q
Aluminum	6900		8300		19	
Antimony	2.8	J	24.0	U	100	
Arsenic	21		18		13	
Barium	100		120		20	
Beryllium	1.3		1.7	J	28	*
Cadmium	1.1		0.93	J	12	
Calcium	7400		8900		20	
Chromium	13		16		18	
Cobalt	6.4		8.2	J	29	*
Copper	39		45		17	
Iron	19000		23000		21	*
Lead	400		390		3	
Magnesium	2600		3100		20	
Manganese	1300		1600		22	*
Nickel	24		23		4	
Potassium	660		770	J	18	
Selenium	11		9.8	J	12	
Silver	0.45	J	0.61	J	36	
Sodium	390	U	2000	U		
Thallium	2.0	U	9.8	U		
Vanadium	18		16	J	12	
Zinc	110		140		21	*