

EPA SAMPLE NO.

MBHJ13L

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.: MBHHZ4Matrix : Soil Analytical Method: ICP-AES% Solids: 90.8Concentration Units ($\mu\text{g/L}$, mg/L or mg/kg dry weight): mg/kg

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Difference	
		Q		Q		Q
Aluminum	1200		1200		6	
Antimony	5.2	U	26.0	U		
Arsenic	2.6		4.4	U	100	
Barium	15	J	15	J	1	
Beryllium	0.16	J	0.19	J	23	
Cadmium	0.52		0.46	J	11	
Calcium	220000	D	210000	D	1	
Chromium	4.4		5.0		13	
Cobalt	6.1		16	J	165	*
Copper	7.8		9.3	J	19	
Iron	5700		6400		13	
Lead	43		44		2	
Magnesium	49000		55000		11	
Manganese	590		670		13	
Nickel	9.5		9.4	J	0	
Potassium	500		2200	U	100	
Selenium	3.1	U	15.0	U		
Silver	0.87	U	4.4	U		
Sodium	440	U	2200	U		
Thallium	1.2	J	5.9	J	377	
Vanadium	3.6	J	22.0	U	100	
Zinc	99		110		6	