

EPA SAMPLE NO.

MBHJ01L

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.: MBHJ01Matrix : Soil Analytical Method: ICP-AES% Solids: 82.1Concentration 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	2200		2300		2	
Antimony	6.4	U	32.0	U		
Arsenic	4.7		3.2	J	32	
Barium	30		29	J	1	
Beryllium	0.26	J	0.23	J	9	
Cadmium	0.81		0.82	J	1	
Calcium	150000	D	150000	D	2	
Chromium	8.4		9.3		10	
Cobalt	7.8		19	J	150	*
Copper	21		23		13	
Iron	9600		10000		8	
Lead	130		130		0	
Magnesium	70000		75000		7	
Manganese	870		950		9	
Nickel	16		16	J	1	
Potassium	610		2700	U	100	
Selenium	3.7	U	19.0	U		
Silver	0.15	J	5.3	U	100	
Sodium	530	U	2700	U		
Thallium	1.2	J	6.5	J	433	
Vanadium	6.6		2.9	J	56	
Zinc	180		190		6	