

EPA SAMPLE NO.

MBHM09L

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.: MBHMP6Matrix : Soil Analytical Method: ICP-AES% Solids: 75.1Concentration 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	6300		6800		8	
Antimony	6.2	U	31.0	U		
Arsenic	13		12		3	
Barium	160		170		5	
Beryllium	0.48	J	0.59	J	23	*
Cadmium	2.1		1.9	J	8	
Calcium	3800		4200		10	
Chromium	16		17		10	
Cobalt	8.1		7.8	J	3	
Copper	58		65		13	
Iron	16000		18000		10	
Lead	690		690		0	
Magnesium	1600		1800	J	9	
Manganese	580		640		10	
Nickel	20		19	J	3	
Potassium	770		920	J	19	
Selenium	4.0		4.3	J	9	
Silver	1.0	U	5.2	U		
Sodium	520	U	2600	U		
Thallium	2.6	U	13.0	U		
Vanadium	21		23	J	9	
Zinc	340		390		14	