

EPA SAMPLE NO.

MBHJG2L

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.: MBHJ97Matrix : Soil Analytical Method: ICP-AES% Solids: 80.2Concentration Units (µg/L, mg/L or mg/kg dry weight): mg/kg

Analyte	Initial Sample Result (I)	Q	Serial Dilution Result (S)	Q	% Difference	Q
Aluminum	12000		13000		11	
Antimony	5.4	U	27.0	U		
Arsenic	3.4		2.7	J	19	
Barium	170		190		11	
Beryllium	1.1		1.3	J	17	
Cadmium	0.64		0.57	J	11	
Calcium	68000		78000		14	
Chromium	17		20		17	
Cobalt	14		23		61	*
Copper	25		28		11	
Iron	24000		27000		16	
Lead	24		25		4	
Magnesium	13000		14000		15	
Manganese	440		510		15	
Nickel	30		30		1	
Potassium	400	J	2300	U	100	
Selenium	3.2	U	16.0	U		
Silver	0.9	U	4.5	U		
Sodium	450	U	2300	U		
Thallium	2.3	U	11.0	U		
Vanadium	22		21	J	7	
Zinc	110		130		16	