

EPA SAMPLE NO.

MBHJ68L

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.: MBHJ66Matrix : Soil Analytical Method: ICP-AES% Solids: 87.7Concentration 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	7600		11000		37	*
Antimony	2.2	J	30.0	U	100	
Arsenic	5.4		5.8		8	
Barium	110		150		36	*
Beryllium	0.48	J	0.7	J	46	
Cadmium	0.86		0.6	J	30	
Calcium	7800		11000		37	*
Chromium	8.3		11		38	*
Cobalt	14		16	J	14	
Copper	11		12	J	12	
Iron	16000		22000		37	*
Lead	35		35		1	
Magnesium	1700		2400	J	39	*
Manganese	3700	D	4400	D	20	
Nickel	16		15	J	7	
Potassium	270	J	500	J	87	
Selenium	2.5	J	18.0	U	100	
Silver	1.0	U	0.59	J	100	
Sodium	510	U	2500	U		
Thallium	5.1		5.1	J	0	
Vanadium	15		22	J	50	
Zinc	27		38		42	