

EPA SAMPLE NO.

MBHJT0L

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.: MBHJJ0Matrix : Soil Analytical Method: ICP-AES% Solids: 85.3Concentration 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	6100		7600		24	*
Antimony	1.8	J	30.0	U	100	
Arsenic	5.9		4.0	J	31	
Barium	61		76	J	24	*
Beryllium	0.64		0.82	J	27	
Cadmium	0.52		0.42	J	20	
Calcium	33000		40000		23	*
Chromium	14		17		26	*
Cobalt	13		24	J	86	*
Copper	15		18		20	
Iron	15000		18000		25	*
Lead	24		27		12	
Magnesium	7100		8800		24	*
Manganese	600		750		25	*
Nickel	20		19	J	4	
Potassium	650		1000	J	59	
Selenium	5.1		18.0	U	100	
Silver	0.64	J	0.76	J	19	
Sodium	150	J	2500	U	100	
Thallium	2.5	U	13.0	U		
Vanadium	16		21	J	31	
Zinc	69		87		25	*