

EPA SAMPLE NO.

MBHL82L

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.: MBHL80Matrix : Soil Analytical Method: ICP-AES% Solids: 90.9Concentration 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	3500		4200		22	*
Antimony	0.63	J	23.0	U	100	
Arsenic	5.0		3.6	J	28	
Barium	26		31	J	21	*
Beryllium	0.38	J	0.49	J	29	
Cadmium	0.26	J	0.2	J	23	
Calcium	84000	D	93000	D	11	
Chromium	5.0		6.7		36	*
Cobalt	9.6		22		125	*
Copper	22		25		15	
Iron	11000		13000		25	*
Lead	15		19		28	*
Magnesium	19000		24000		25	*
Manganese	690		870		26	*
Nickel	11		9.6	J	9	
Potassium	370	J	460	J	25	
Selenium	2.7		14.0	U	100	
Silver	0.33	J	3.9	U	100	
Sodium	200	J	390	J	95	
Thallium	2.0	U	6.0	J	100	
Vanadium	10		13	J	28	
Zinc	47		66		40	*