

EPA SAMPLE NO.

MH2GQ2L

FORM 8-IN

ICP-AES AND ICP-MS SERIAL DILUTIONS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51822 MA No.: _____ SDG No.: MH2GQ2Matrix : Soil Analytical Method: ICP-MS% Solids: 100Concentration 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
Antimony	0.26	J	0.27	J	4	
Arsenic	3.6		3.9		6	
Barium	150		140		7	
Beryllium	0.37		0.39	J	4	
Cadmium	2.1		2.1		0	
Chromium	3.4		3.2		6	
Cobalt	2.7		2.6		5	
Copper	30		30		1	
Lead	170		160		3	
Manganese	250		240		5	
Nickel	5.2		5.7		9	
Selenium	0.19	J	5.4	U	100	
Silver	0.55		0.56	J	2	
Thallium	0.11	J	0.14	J	30	
Vanadium	9.7		9.0		7	
Zinc	180		180		1	