

EPA SAMPLE NO.

MH2GW8L

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.: MH2GW5Matrix : 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	0.46	J	0.47	J	3	
Arsenic	3.4		3.6		5	
Barium	150		150		3	
Beryllium	0.57		0.47	J	17	
Cadmium	11		11		0	
Chromium	13		12		5	
Cobalt	3.2		3.1		3	
Copper	26		26		2	
Lead	160		150		5	
Manganese	330		320		3	
Nickel	14		15		5	
Selenium	0.85	J	11.0	U	100	
Silver	0.18	J	2.2	U	100	
Thallium	0.12	J	2.2	U	100	
Vanadium	8.7		8.2	J	6	
Zinc	160		160		2	