

EPA SAMPLE NO.

MH2GW9L

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.: MH2GW9Matrix : 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	0.63		0.61	J	3	
Arsenic	11		11		0	
Barium	130		120		7	
Beryllium	0.82		0.81	J	1	
Cadmium	4.6		4.4		5	
Chromium	14		13		3	
Cobalt	4.3		4.0		5	
Copper	90		89		1	
Lead	370		350		5	
Manganese	1500		1400		8	
Nickel	17		17		1	
Selenium	0.38	J	6.0	U	100	
Silver	1.8		1.7		2	
Thallium	0.14	J	0.16	J	8	
Vanadium	15		14		7	
Zinc	980		960		2	