

EPA SAMPLE NO.

MH2GX1L

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.: MH2GX1Matrix : 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	3.9		4.0		3	
Arsenic	57		63		12	
Barium	720		740		3	
Beryllium	1.7		1.8		5	
Cadmium	3.6		3.5		2	
Chromium	16		17		5	
Cobalt	8.6		9.2		8	
Copper	440		450		4	
Lead	1700	D	1700	D	2	
Manganese	1800		1800		0	
Nickel	30		32		9	
Selenium	0.77	J	5.8	U	100	
Silver	6.7		7.1		7	
Thallium	0.24		0.24	J	1	
Vanadium	31		32		4	
Zinc	2500	D	2700	D	6	