

EPA SAMPLE NO.

E2A12L

FORM 8-IN

ICP-AES AND ICP-MS SERIAL DILUTIONS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51878 MA No.: SDG No.: E29Y8Matrix : Soil Analytical Method: ICP-MS% Solids: 82.6Concentration 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	0.052	J	5.2	U	100	
Arsenic	2.3		2.2	J	4	
Barium	25		25	J	2	
Beryllium	0.12	J	2.6	U	100	
Cadmium	0.52	U	2.6	U		
Chromium	2.5		2.5	J	2	
Cobalt	2.0		2.0	J	2	
Copper	7.6		4.7	J	39	*
Lead	5.3		5.0		6	
Manganese	140		130		1	
Nickel	4.6		4.4		2	
Selenium	2.6	U	13.0	U		
Silver	0.52	U	2.6	U		
Thallium	0.047	J	2.6	U	100	
Vanadium	4.2		4.0	J	5	
Zinc	16		16		1	