

EPA SAMPLE NO.

ME28N8L

FORM 8-IN

ICP-AES AND ICP-MS SERIAL DILUTIONS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51847 MA No.: SDG No.: ME28M0Matrix : Soil Analytical Method: ICP-MS% Solids: 78.1Concentration 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	2.1		1.9	J	6	
Arsenic	4.5		4.6		3	
Barium	56		53		6	
Beryllium	0.57		0.57	J	1	
Cadmium	0.49	U	2.5	U		
Chromium	14		14		1	
Cobalt	4.6		4.8		2	
Copper	17		22		35	
Lead	25		23		10	
Manganese	450		430		5	
Nickel	14		19		36	*
Selenium	2.5	U	12.0	U		
Silver	0.49	U	2.5	U		
Thallium	0.098	J	2.5	U	100	
Vanadium	9.6		9.6	J	0	
Zinc	36		38		4	