

EPA SAMPLE NO.

A6305L

FORM 8-IN

ICP-AES AND ICP-MS SERIAL DILUTIONS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51952 MA No.: SDG No.: A6301Matrix : Soil Analytical Method: ICP-MS% Solids: 24.3Concentration 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
Aluminum	10000		11000		5	
Antimony	0.2	J	0.24	J	19	
Arsenic	53		55		3	
Barium	72		75		4	
Beryllium	1.4		1.5	J	13	
Cadmium	0.62		0.5	J	19	
Chromium	360	D	400	D	10	
Cobalt	5.5		5.7		3	
Copper	630		660		5	
Iron	20000		21000		4	
Lead	180		180		1	
Magnesium	1700		1800		4	
Manganese	880		890		2	
Nickel	62		64		4	
Potassium	570		580	J	2	
Selenium	0.53	J	8.6	U	100	
Silver	0.9		0.95	J	6	
Sodium	1500		1500		4	
Thallium	0.12	J	0.12	J	0	
Vanadium	11		11		1	
Zinc	77		81		5	