

EPA SAMPLE NO.

MYE5K5L

FORM 8-IN

ICP-AES AND ICP-MS SERIAL DILUTIONS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51817 MA No.: SDG No.: MYE5J2Matrix : Soil Analytical Method: ICP-AES% Solids: 94.4Concentration Units (µg/L, mg/L or mg/kg dry weight): mg/kg

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Difference	
		Q		Q		Q
Aluminum	23000	D	25000	D	10	
Antimony	1.9	JD	5.3	JD	178	
Arsenic	42	D	46	D	12	
Barium	450	D	500	D	11	
Beryllium	1.0	D	1.2	JD	14	
Cadmium	0.48	JD	0.31	JD	36	
Calcium	29000	D	33000	D	13	
Chromium	44	D	50	D	14	
Cobalt	24	D	25	JD	2	
Copper	58	D	67	D	15	
Iron	41000	D	47000	D	14	
Lead	19	D	19	D	2	
Magnesium	12000	D	14000	D	12	
Manganese	1200	D	1300	D	14	
Nickel	61	D	64	D	4	
Potassium	3900	D	4300	JD	10	
Selenium	6.6	UD	33.0	UD		
Silver	1.9	UD	9.4	UD		
Sodium	210	JD	4700	UD	100	
Thallium	4.7	UD	23.0	UD		
Vanadium	88	D	96	D	10	
Zinc	84	D	99	D	18	