

EPA SAMPLE NO.

MYE481L

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.: MYE470Matrix : Soil Analytical Method: ICP-AES% Solids: 95.3Concentration Units ($\mu\text{g/L}$, mg/L or mg/kg dry weight): mg/kg

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Difference	
		Q		Q		Q
Aluminum	22000	D	24000	D	9	
Antimony	1.8	JD	53.0	UD	100	
Arsenic	52	D	50	D	3	
Barium	250	D	280	D	10	
Beryllium	1.1	D	1.2	JD	16	
Cadmium	0.92	D	0.82	JD	10	
Calcium	9900	D	11000	D	11	
Chromium	45	D	50	D	11	
Cobalt	25	D	25	JD	0	
Copper	130	D	140	D	10	
Iron	43000	D	48000	D	12	
Lead	44	D	47	D	7	
Magnesium	9500	D	10000	D	9	
Manganese	1400	D	1600	D	12	
Nickel	47	D	48	D	2	
Potassium	4500	D	4600	D	3	
Selenium	6.2	UD	31.0	UD		
Silver	1.8	UD	8.8	UD		
Sodium	880	UD	4400	UD		
Thallium	4.4	UD	22.0	UD		
Vanadium	80	D	97	D	21	*
Zinc	100	D	120	D	16	