

EPA SAMPLE NO.

MYD0Z7L

FORM 8-IN

ICP-AES AND ICP-MS SERIAL DILUTIONS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51772 MA No.: SDG No.: MYD0Z2Matrix : Soil Analytical Method: ICP-AES% Solids: 86.7Concentration 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	33000	D	35000	D	8	
Antimony	0.9	JD	59.0	UD	100	
Arsenic	23	D	28	D	24	
Barium	980	D	1100	D	7	
Beryllium	1.8	D	2.3	JD	26	
Cadmium	1.4	D	1.1	JD	19	
Calcium	27000	D	29000	D	10	
Chromium	99	D	110	D	13	
Cobalt	31	D	30	JD	2	
Copper	93	D	100	D	8	
Iron	39000	D	44000	D	13	
Lead	42	D	43	D	4	
Magnesium	11000	D	12000	D	10	
Manganese	910	D	1000	D	12	
Nickel	140	D	140	D	0	
Potassium	1700	D	2100	JD	19	
Selenium	6.9	UD	35.0	UD		
Silver	2.0	UD	9.9	UD		
Sodium	330	JD	4900	UD	100	
Thallium	4.9	UD	25.0	UD		
Vanadium	82	D	85	D	4	
Zinc	80	D	90	D	14	