

EPA SAMPLE NO.

MYDAN1L

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.: MYDAN1Matrix : Soil Analytical Method: ICP-AES% Solids: 97.8Concentration 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	18000	D	20000	D	9	
Antimony	1.5	JD	57.0	UD	100	
Arsenic	33	D	33	D	0	
Barium	150	D	160	JD	9	
Beryllium	1.0	D	1.2	JD	19	
Cadmium	1.3	D	1.0	JD	21	
Calcium	9400	D	10000	D	11	
Chromium	19	D	20	D	8	
Cobalt	16	D	16	JD	2	
Copper	37	D	42	D	13	
Iron	35000	D	40000	D	12	
Lead	29	D	33	D	15	
Magnesium	6100	D	6600	D	9	
Manganese	720	D	800	D	11	
Nickel	21	D	22	JD	3	
Potassium	3800	D	4200	JD	9	
Selenium	6.6	UD	33.0	UD		
Silver	1.9	UD	9.5	UD		
Sodium	950	UD	4700	UD		
Thallium	4.7	UD	24.0	UD		
Vanadium	58	D	66	D	14	
Zinc	110	D	120	D	11	