

EPA SAMPLE NO.

MYDB88L

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.: MYDB73Matrix : Soil Analytical Method: ICP-AES% Solids: 95.4Concentration 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	20000	D	22000	D	12	
Antimony	11.0	UD	57.0	UD		
Arsenic	13	D	20	D	52	
Barium	170	D	190	D	13	
Beryllium	1.2	D	1.5	JD	30	
Cadmium	0.94	UD	4.7	UD		
Calcium	7200	D	8100	D	13	
Chromium	15	D	17	D	9	
Cobalt	17	D	17	JD	1	
Copper	31	D	35	D	14	
Iron	38000	D	44000	D	14	
Lead	17	D	16	D	9	
Magnesium	7100	D	7900	D	12	
Manganese	630	D	720	D	14	
Nickel	19	D	20	JD	4	
Potassium	1300	D	1300	JD	5	
Selenium	6.6	UD	33.0	UD		
Silver	1.9	UD	9.4	UD		
Sodium	940	UD	4700	UD		
Thallium	4.7	UD	24.0	UD		
Vanadium	64	D	65	D	2	
Zinc	59	D	67	D	13	