

EPA SAMPLE NO.

MBHH91L

FORM 8-IN

ICP-AES AND ICP-MS SERIAL DILUTIONS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51879 MA No.: SDG No.: MBHH78Matrix : Soil Analytical Method: ICP-AES% Solids: 81Concentration Units ($\mu\text{g/L}$, mg/L or mg/kg dry weight): mg/kg

Analyte	Initial Sample Result (I)	Q	Serial Dilution Result (S)	Q	% Difference	Q
Aluminum	4800		5400		11	
Antimony	5.6	U	28.0	U		
Arsenic	7.1		6.7		7	
Barium	230		260		11	
Beryllium	0.47		0.53	J	12	
Cadmium	0.66		0.68	J	3	
Calcium	22000		24000		12	
Chromium	11		13		13	
Cobalt	8.6		14	J	67	*
Copper	46		52		15	
Iron	12000		14000		12	
Lead	480		490		2	
Magnesium	7600		8500		12	
Manganese	480		550		12	
Nickel	13		13	J	3	
Potassium	360	J	2300	U	100	
Selenium	3.3	U	16.0	U		
Silver	0.93	U	4.6	U		
Sodium	460	U	2300	U		
Thallium	2.3	U	12.0	U		
Vanadium	14		12	J	9	
Zinc	210		230		12	