

EPA SAMPLE NO.

MBHNG5L

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.: MBHNE9Matrix : Soil Analytical Method: ICP-AES% Solids: 80.4Concentration 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	4700		5200		10	
Antimony	3.0	J	33.0	U	100	
Arsenic	9.7		9.4		2	
Barium	190		210		7	
Beryllium	0.51	J	0.41	J	20	
Cadmium	1.5		1.4	J	8	
Calcium	120000	D	130000	D	5	
Chromium	17		18		7	
Cobalt	6.8		20	J	196	*
Copper	44		52		18	
Iron	15000		16000		10	
Lead	340		330		2	
Magnesium	15000		17000		14	
Manganese	990		1100		11	
Nickel	21		19	J	9	
Potassium	550		350	J	36	
Selenium	2.0	J	19.0	U	100	
Silver	0.6	J	0.55	J	9	
Sodium	170	J	2700	U	100	
Thallium	0.97	J	9.4	J	877	
Vanadium	13		15	J	16	
Zinc	300		330		9	