EPA SAMPLE NO.

MCC0R7L

FORM 8-IN

ICP-AES AND ICP-MS SERIAL DILUTIONS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51716 MA No.: SDG No.: MC0PI2

Matrix : Soil Analytical Method: ICP-AES

% Solids: 81.2

Concentration Units (µg/L, mg/L or mg/kg dry weight): mg/kg

Analyte	Initial Sample Result (I)	Q	Serial Dilution Result(S)	Q	% Difference	Q
Aluminum	14000		16000		16	
Antimony	1.2	J	3.9	J	225	
Arsenic	2.8		5.1	J	84	
Barium	47		54	J	14	
Beryllium	1.0		1.3	J	24	
Cadmium	0.17	J	2.8	U	100	
Calcium	300	J	300	J	1	
Chromium	37		45		20	
Cobalt	6.1		6.2	J	1	
Copper	4.6		6.2	J	33	
Iron	26000		30000		17	
Lead	13		13		5	
Magnesium	1900		2300	J	18	
Manganese	95		110		16	
Nickel	9.2		9.1	J	1	
Potassium	1500		1700	J	12	
Selenium	3.9	U	19.0	U		
Silver	1.1	U	5.6	U		
Sodium	120	J	2800	U	100	
Thallium	2.8	U	14.0	U		
Vanadium	44		51		14	
Zinc	30		36		21	