

EPA SAMPLE NO.

MJNBZ2L

FORM 8-IN

ICP-AES AND ICP-MS SERIAL DILUTIONS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51918 MA No.: SDG No.: MJNBZ1Matrix : Soil Analytical Method: ICP-MS% Solids: 90.6Concentration 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
Antimony	0.11	J	4.8	U	100	
Arsenic	4.6		4.9		6	
Barium	82		82		0	
Beryllium	0.39	J	0.31	J	21	
Cadmium	0.14	J	2.4	U	100	
Chromium	11		11		5	
Cobalt	14		14		4	
Copper	32		34		8	
Lead	21		20		0	
Manganese	490		490		1	
Nickel	23		24		3	
Selenium	0.3	J	12.0	U	100	
Molybdenum	0.36	J	0.26	J	26	
Silver	0.096	J	2.4	U	100	
Thallium	0.15	J	0.22	J	41	
Vanadium	59		61		2	
Zinc	63		66		5	