

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51822

MA No. : SDG No.: MH2GX0

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 100

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

Analyte	Control Limit %R	Spiked Sample Result (SSR) Q	Sample Result (SR) Q	Spike Added (SA)	%R	Q
Antimony	75 - 125	6.1	1.1	5.0	102	
Arsenic		22	17	2.0	271	
Barium	75 - 125	330	190	100	142	*
Beryllium	75 - 125	3.4	0.7	2.5	108	
Cadmium	75 - 125	9.7	5.9	2.5	150	*
Chromium	75 - 125	21	9.1	10.0	118	
Cobalt	75 - 125	35	7.8	25.0	108	
Copper		180	140	12.5	333	
Lead		480	400	1.0	7897	
Manganese		1900	1500	25.0	1349	
Nickel	75 - 125	67	33	25.0	134	*
Selenium	75 - 125	1.3	0.46 J	5.0	17	*
Silver	75 - 125	4.8	2.0	2.5	112	
Thallium	75 - 125	2.7	0.3	2.5	95	
Vanadium	75 - 125	55	24	25.0	123	
Zinc		1500	1200	25.0	1112	