

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51822

MA No. : SDG No.: MH2GN9

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	4.5	0.2 J	4.6	93	
Arsenic	75 - 125	5.5	4.0	1.9	83	
Barium	75 - 125	250	180	92.6	82	
Beryllium	75 - 125	2.5	0.46	2.3	88	
Cadmium	75 - 125	3.9	1.8	2.3	91	
Chromium	75 - 125	13	5.0	9.3	90	
Cobalt	75 - 125	25	3.0	23.1	97	
Copper	75 - 125	36	26	11.6	89	
Lead		140	140	0.93	-698	
Manganese		260	250	23.1	28	
Nickel	75 - 125	36	14	23.1	93	
Selenium	75 - 125	4.5	0.31 J	4.6	91	
Silver	75 - 125	2.5	0.32	2.3	93	
Thallium	75 - 125	2.2	0.095 J	2.3	90	
Vanadium	75 - 125	34	12	23.1	96	
Zinc		190	170	23.1	76	