

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51822

MA No. : SDG No.: MH2GW5

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	9.3	0.46 J	8.9	99	
Arsenic	75 - 125	6.8	3.4	3.6	94	
Barium	75 - 125	320	150	180	94	
Beryllium	75 - 125	5.0	0.57	4.5	99	
Cadmium	75 - 125	15	11	4.5	100	
Chromium	75 - 125	30	13	17.9	97	
Cobalt	75 - 125	47	3.2	44.6	98	
Copper	75 - 125	47	26	22.3	93	
Lead		190	160	1.8	1466	
Manganese		360	330	44.6	74	
Nickel	75 - 125	58	14	44.6	99	
Selenium	75 - 125	9.3	0.85 J	8.9	94	
Silver	75 - 125	4.4	0.18 J	4.5	95	
Thallium	75 - 125	4.4	0.12 J	4.5	95	
Vanadium	75 - 125	52	8.7	44.6	96	
Zinc	75 - 125	210	160	44.6	95	