

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51988

MA No. : SDG No.: MBHHA0

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 85.8

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	18	4.5 J	18.1	73	*
Arsenic	75 - 125	21	14	7.23	96	
Barium	75 - 125	400	94	361	83	
Beryllium	75 - 125	9.2	1.7	9.03	83	
Cadmium	75 - 125	8.9	0.2 J	9.03	96	
Chromium	75 - 125	58	28	36.1	84	
Cobalt	75 - 125	110	19	90.3	95	
Copper	75 - 125	56	20	45.2	81	
Lead		36	34	3.61	63	
Manganese		800	750	90.3	63	
Nickel	75 - 125	120	34	90.3	95	
Selenium	75 - 125	30	17	18.1	76	
Silver	75 - 125	7.7	2.5	9.03	57	*
Thallium	75 - 125	2.3 U	2.4 U	9.03	0	*
Vanadium	75 - 125	110	34	90.3	82	
Zinc	75 - 125	150	84	90.3	70	*