

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHJ56

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 81.3

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	12	5.3 U	17.8	67	*
Arsenic	75 - 125	16	9.7	7.13	95	
Barium	75 - 125	350	60	357	81	
Beryllium	75 - 125	7.8	0.43 J	8.91	82	
Cadmium	75 - 125	8.3	0.32 J	8.91	89	
Chromium	75 - 125	39	8.1	35.7	86	
Cobalt	75 - 125	96	12	89.1	95	
Copper	75 - 125	70	36	44.6	76	
Lead		110	110	3.57	50	
Manganese		1200	1200	89.1	67	
Nickel	75 - 125	100	16	89.1	96	
Selenium	75 - 125	10	3.1 U	17.8	56	*
Silver	75 - 125	5.9	0.89 U	8.91	66	*
Thallium	75 - 125	8.8	0.91 J	8.91	88	
Vanadium	75 - 125	85	11	89.1	83	
Zinc	75 - 125	130	69	89.1	71	*