

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHJH3

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 81.1

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	7.7	1.2 J	16.6	39	*
Arsenic	75 - 125	14	6.3	6.62	113	
Barium	75 - 125	440	170	331	81	
Beryllium	75 - 125	6.9	0.4 J	8.28	78	
Cadmium	75 - 125	8.4	0.53	8.28	95	
Chromium	75 - 125	37	9.3	33.1	84	
Cobalt	75 - 125	88	9.8	82.8	95	
Copper	75 - 125	57	23	41.4	82	
Lead		170	150	3.31	706	
Manganese		830	850	82.8	-23	
Nickel	75 - 125	93	12	82.8	98	
Selenium	75 - 125	9.9	3.2 U	16.6	60	*
Silver	75 - 125	6.1	0.93 U	8.28	74	*
Thallium	75 - 125	9.8	2.3	8.28	90	
Vanadium	75 - 125	80	10	82.8	84	
Zinc	75 - 125	160	95	82.8	75	