

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHL94

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 90.8

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	16	2.8 J	18.8	70	*
Arsenic	75 - 125	16	8.0	7.53	110	
Barium	75 - 125	510	170	377	92	
Beryllium	75 - 125	8.8	0.58	9.41	87	
Cadmium	75 - 125	9.2	0.43	9.41	93	
Chromium	75 - 125	44	9.0	37.7	93	
Cobalt	75 - 125	100	11	94.1	94	
Copper	75 - 125	48	8.1	47.1	85	
Lead		20	16	3.77	122	
Manganese		1800	1600	94.1	235	
Nickel	75 - 125	110	15	94.1	96	
Selenium	75 - 125	21	7.3	18.8	74	*
Silver	75 - 125	6.9	0.6 J	9.41	67	*
Thallium	75 - 125	3.9	2.2 U	9.41	41	*
Vanadium	75 - 125	98	15	94.1	88	
Zinc	75 - 125	110	39	94.1	79	