

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHKB4

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 84.5

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	3.2	18.9	67	*
Arsenic	75 - 125	25	18	7.57	89	
Barium	75 - 125	490	200	379	77	
Beryllium	75 - 125	8.1	0.65	9.47	79	
Cadmium	75 - 125	10	1.2	9.47	95	
Chromium	75 - 125	43	12	37.9	81	
Cobalt	75 - 125	110	17	94.7	94	
Copper	75 - 125	62	28	47.3	70	*
Lead		62	64	3.79	-63	
Manganese		3400 D	3900 D	94.7	-522	
Nickel	75 - 125	110	23	94.7	95	
Selenium	75 - 125	14	3.7 U	18.9	74	*
Silver	75 - 125	5.3	1.1 U	9.47	56	*
Thallium	75 - 125	15	6.1	9.47	93	
Vanadium	75 - 125	93	15	94.7	82	
Zinc	75 - 125	130	69	94.7	60	*