

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHMA8

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 80.3

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	17	1.4 J	20.6	78	
Arsenic	75 - 125	13	5.1	8.23	99	
Barium	75 - 125	390	32	412	87	
Beryllium	75 - 125	9.4	0.43 J	10.29	87	
Cadmium	75 - 125	10	0.25 J	10.29	97	
Chromium	75 - 125	43	5.0	41.2	91	
Cobalt	75 - 125	110	10	103	99	
Copper	75 - 125	60	16	51.5	86	
Lead		41	32	4.12	219	
Manganese		800	620	103	182	
Nickel	75 - 125	120	12	103	100	
Selenium	75 - 125	15	3.1 U	20.6	73	*
Silver	75 - 125	5.8	0.88 U	10.29	56	*
Thallium	75 - 125	9.4	1.3 J	10.29	79	
Vanadium	75 - 125	96	5.6	103	88	
Zinc	75 - 125	140	53	103	88	