

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51810

MA No. : SDG No.: MC0VL1

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 80.1

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	16	1.5 J	18.5	78	
Arsenic	75 - 125	24	18	7.4	86	
Barium	75 - 125	440	96	370	92	
Beryllium	75 - 125	9.1	0.77	9.25	90	
Cadmium	75 - 125	9.9	1.1	9.25	96	
Chromium	75 - 125	58	22	37.0	97	
Cobalt	75 - 125	100	9.6	92.5	97	
Copper	75 - 125	110	67	46.2	83	
Lead		210	210	3.7	-3	
Manganese	75 - 125	400	320	92.5	82	
Nickel	75 - 125	130	36	92.5	97	
Selenium	75 - 125	12	3.3 U	18.5	65	*
Silver	75 - 125	5.5	0.94 U	9.25	59	*
Thallium	75 - 125	8.0	2.4 U	9.25	87	
Vanadium	75 - 125	110	20	92.5	97	
Zinc	75 - 125	230	170	92.5	69	*