

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51974

MA No. : SDG No.: MBHH96

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 74

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	19		0.64	J	23.1	81	
Arsenic	75 - 125	10		2.1		9.2	90	
Barium	75 - 125	480		87		460	84	
Beryllium	75 - 125	11		0.58		11.6	90	
Cadmium	75 - 125	11		0.2	J	11.6	96	
Chromium	75 - 125	56		10		46.2	99	
Cobalt	75 - 125	120		7.1		120	93	
Copper	75 - 125	56		7.1		57.8	84	
Lead		26		19		4.6	137	
Manganese		870		740		120	107	
Nickel	75 - 125	130		13		120	94	
Selenium	75 - 125	20		1.4	J	23.1	80	
Silver	75 - 125	7.7		1.0	U	11.6	66	*
Thallium	75 - 125	12		2.6	U	11.6	103	
Vanadium	75 - 125	120		12		120	85	
Zinc	75 - 125	140		46		120	79	