

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHLJ8

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 82.3

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	3.3 J	18.3	75	
Arsenic	75 - 125	20	13	7.31	104	
Barium	75 - 125	430	130	365	81	
Beryllium	75 - 125	7.7	0.67	9.14	77	
Cadmium	75 - 125	9.5	0.74	9.14	96	
Chromium	75 - 125	51	20	36.5	86	
Cobalt	75 - 125	100	9.3	91.4	99	
Copper	75 - 125	61	26	45.7	75	
Lead		220	220	3.65	145	
Manganese		620	540	91.4	87	
Nickel	75 - 125	110	17	91.4	97	
Selenium	75 - 125	19	6.7	18.3	68	*
Silver	75 - 125	4.8	0.9 U	9.14	53	*
Thallium	75 - 125	2.7	2.3 U	9.14	30	*
Vanadium	75 - 125	88	17	91.4	78	
Zinc	75 - 125	230	170	91.4	71	*