

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHJJ8

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 87.5

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	8.4	2.0 J	20.6	31	*
Arsenic	75 - 125	17	5.6	8.24	141	*
Barium	75 - 125	510	120	412	95	
Beryllium	75 - 125	10	0.73	10.3	90	
Cadmium	75 - 125	11	0.59	10.3	97	
Chromium	75 - 125	53	12	41.2	99	
Cobalt	75 - 125	110	11	103	99	
Copper	75 - 125	67	18	51.5	95	
Lead		37	26	4.12	265	
Manganese	75 - 125	530	380	103	150	*
Nickel	75 - 125	130	20	103	103	
Selenium	75 - 125	12	3.3 U	20.6	58	*
Silver	75 - 125	7.0	0.94 U	10.3	68	*
Thallium	75 - 125	11	1.8 J	10.3	93	
Vanadium	75 - 125	110	16	103	92	
Zinc	75 - 125	170	71	103	91	