

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHLM6

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	16		3.9	J	17.0	70	*
Arsenic	75 - 125	14		7.4		6.8	91	
Barium	75 - 125	310		50		340	75	
Beryllium	75 - 125	6.9		0.7		8.5	73	*
Cadmium	75 - 125	8.2		0.29	J	8.5	93	
Chromium	75 - 125	39		11		34.0	81	
Cobalt	75 - 125	92		11		85.0	95	
Copper	75 - 125	45		15		42.5	72	*
Lead		24		22		3.4	59	
Manganese		410		360		85.0	57	
Nickel	75 - 125	95		17		85.0	93	
Selenium	75 - 125	18		7.0		17.0	63	*
Silver	75 - 125	4.3		0.87	U	8.5	51	*
Thallium	75 - 125	1.6	J	2.2	U	8.5	19	*
Vanadium	75 - 125	79		16		85.0	75	
Zinc	75 - 125	110		46		85.0	71	*