

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51817

MA No. : SDG No.: MYE4H0

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 95.3

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	140		1.5		120	118	
Arsenic	75 - 125	240		160		48.0	167	*
Barium	75 - 125	3100	D	180	D	2400	123	
Beryllium	75 - 125	74		0.69		60.0	122	
Cadmium	75 - 125	67		0.2	J	60.0	111	
Chromium	75 - 125	600	D	220	D	240	160	*
Cobalt	75 - 125	790	D	39	D	601.5	124	
Copper	75 - 125	390		84		300	103	
Lead	75 - 125	33		6.5		24.0	108	
Nickel	75 - 125	900	D	140	D	601.5	127	*
Selenium	75 - 125	140		0.35	J	120	118	
Silver	75 - 125	61		0.051	J	60.0	102	
Thallium	75 - 125	72		0.13	J	60.0	120	
Vanadium	75 - 125	890	D	130	D	601.5	126	*
Zinc	75 - 125	680		77		601.5	100	

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Analyte	Control Limit %R	Spiked Sample Result (SSR)	Q	Sample Result (SR)	Q	Spike Added (SA)	%R	Q
Antimony	75 - 125	33		1.5		27.6	115	
Arsenic		240		160		11.1	656	
Barium	75 - 125	1000	D	180	D	540	149	*
Beryllium	75 - 125	18		0.69		13.8	126	*
Cadmium	75 - 125	16		0.2	J	13.8	114	
Chromium	75 - 125	430	D	220	D	55.2	380	*
Cobalt	75 - 125	230	D	39	D	138	136	*
Copper	75 - 125	190		84		69.0	155	*
Lead	75 - 125	15		6.5		5.4	151	*
Nickel	75 - 125	390	D	140	D	138	183	*
Selenium	75 - 125	35		0.35	J	27.6	126	*
Silver	75 - 125	14		0.051	J	13.8	99	
Thallium	75 - 125	15		0.13	J	13.8	104	
Vanadium	75 - 125	380	D	130	D	138	179	*
Zinc	75 - 125	240		77		138	120	