

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51817

MA No. : SDG No.: MYE5F3

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 96

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	98		0.49	J	111	88	
Arsenic	75 - 125	78		48		45.0	69	*
Barium	75 - 125	2200	D	260	D	2250	88	
Beryllium	75 - 125	52		0.74		55.5	92	
Cadmium	75 - 125	49		0.84		55.5	88	
Chromium	75 - 125	240		43		222	89	
Cobalt	75 - 125	570	D	25	D	553.5	99	
Copper	75 - 125	330		93		277.5	85	
Lead	75 - 125	48		36		22.5	55	*
Nickel	75 - 125	600	D	43	D	553.5	101	
Selenium	75 - 125	110		2.2	U	111	99	
Silver	75 - 125	41		0.19	J	55.5	73	*
Thallium	75 - 125	49		0.18	J	55.5	88	
Vanadium	75 - 125	590	D	83	D	553.5	92	
Zinc	75 - 125	620		110		553.5	91	

MYE5F5S

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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	28		0.49	J	30.3	91	
Arsenic	75 - 125	65		48		12.0	143	*
Barium	75 - 125	850	D	260	D	600	98	
Beryllium	75 - 125	15		0.74		15.3	92	
Cadmium	75 - 125	15		0.84		15.3	91	
Chromium	75 - 125	110		43		60.6	104	
Cobalt	75 - 125	180	D	25	D	151.8	102	
Copper	75 - 125	180		93		75.9	111	
Lead		46		36		6.0	161	
Nickel	75 - 125	200	D	43	D	151.8	105	
Selenium	75 - 125	36		2.2	U	30.3	119	
Silver	75 - 125	12		0.19	J	15.3	76	
Thallium	75 - 125	14		0.18	J	15.3	92	
Vanadium	75 - 125	240	D	83	D	151.8	103	
Zinc	75 - 125	280		110		151.8	108	