

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group Contract: EPW14030
 Lab Code: ACE Case No.: 51772 MA No. : SDG No.: MYD0B5
 Matrix : Soil Analytical Method: ICP-MS
 % Solids: 86.8

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	0.3	J	151.5	89
Arsenic	75 - 125	85	39		60.0	76
Barium	75 - 125	3000	D	D	3000	92
Beryllium	75 - 125	70	1.5		76.5	91
Cadmium	75 - 125	70	0.28	J	76.5	92
Chromium	75 - 125	330	52		303	91
Cobalt	75 - 125	740	D	D	757.5	95
Copper	75 - 125	390	53		379.5	88
Lead	75 - 125	53	28		30.0	82
Nickel	75 - 125	760	D	D	757.5	96
Selenium	75 - 125	150	0.33	J	151.5	100
Silver	75 - 125	59	0.12	J	76.5	78
Thallium	75 - 125	68	0.24	J	76.5	90
Vanadium	75 - 125	780	D	D	757.5	92
Zinc	75 - 125	770	71		757.5	92

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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	23		0.3	J	24.9	89	
Arsenic	75 - 125	38		39		9.9	-7	*
Barium	75 - 125	660	D	220	D	510	89	
Beryllium	75 - 125	13		1.5		12.6	90	
Cadmium	75 - 125	12		0.28	J	12.6	91	
Chromium	75 - 125	87		52		50.1	69	*
Cobalt	75 - 125	130	D	17	D	125.1	92	
Copper	75 - 125	97		53		62.7	71	*
Lead		26		28		5.1	-39	
Nickel	75 - 125	150	D	34	D	125.1	90	
Selenium	75 - 125	28		0.33	J	24.9	112	
Silver	75 - 125	9.9		0.12	J	12.6	78	
Thallium	75 - 125	11		0.24	J	12.6	88	
Vanadium	75 - 125	180	D	83	D	125.1	79	
Zinc	75 - 125	170		71		125.1	82	