

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group Contract: EPW14030
 Lab Code: ACE Case No.: 51772 MA No. : SDG No.: MYDB12
 Matrix : Soil Analytical Method: ICP-MS
 % Solids: 96.5

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	120		0.4	J	127.5	95	
Arsenic	75 - 125	84		38		51.0	90	
Barium	75 - 125	2700	D	140	D	2550	100	
Beryllium	75 - 125	69		0.77		63.0	107	
Cadmium	75 - 125	60		0.37	J	63.0	94	
Chromium	75 - 125	270		19		255	99	
Cobalt	75 - 125	680	D	15	D	637.5	105	
Copper	75 - 125	360		51		318	96	
Lead	75 - 125	45		22		25.5	88	
Nickel	75 - 125	690	D	18	D	637.5	105	
Selenium	75 - 125	130		0.36	J	127.5	100	
Silver	75 - 125	46		0.14	J	63.0	72	*
Thallium	75 - 125	54		0.071	J	63.0	85	
Vanadium	75 - 125	710	D	62	D	637.5	101	
Zinc	75 - 125	710		110		637.5	95	

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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	27		0.4	J	23.7	114	
Arsenic		47		38		9.3	93	
Barium	75 - 125	660	D	140	D	480	111	
Beryllium	75 - 125	16		0.77		11.7	129	*
Cadmium	75 - 125	14		0.37	J	11.7	118	
Chromium	75 - 125	74		19		47.1	116	
Cobalt	75 - 125	160	D	15	D	117.9	120	
Copper	75 - 125	120		51		58.8	109	
Lead		27		22		4.8	98	
Nickel	75 - 125	170	D	18	D	117.9	125	
Selenium	75 - 125	26		0.36	J	23.7	109	
Silver	75 - 125	11		0.14	J	11.7	95	
Thallium	75 - 125	13		0.071	J	11.7	106	
Vanadium	75 - 125	200	D	62	D	117.9	117	
Zinc	75 - 125	240		110		117.9	111	