

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group Contract: EPW14030
 Lab Code: ACE Case No.: 51772 MA No. : SDG No.: MYD0W8
 Matrix : Soil Analytical Method: ICP-MS
 % Solids: 95

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	110		1.1		115.5	96	
Arsenic	75 - 125	130		95		46.5	65	*
Barium	75 - 125	2300	D	97	D	2250	95	
Beryllium	75 - 125	54		0.35	J	57.0	93	
Cadmium	75 - 125	55		0.12	J	57.0	95	
Chromium	75 - 125	270		96		231	75	
Cobalt	75 - 125	570	D	51	D	576	91	
Copper	75 - 125	330		130		288	68	*
Lead	75 - 125	24		4.5		22.5	85	
Nickel	75 - 125	580	D	71	D	576	89	
Selenium	75 - 125	120		2.2	U	115.5	104	
Silver	75 - 125	38		0.43	U	57.0	66	*
Thallium	75 - 125	56		0.43	U	57.0	97	
Vanadium	75 - 125	690	D	200	D	576	86	
Zinc	75 - 125	510		81		576	74	*

MYD0Y5S

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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	26		1.1		24.9	99	
Arsenic		100		95		9.9	62	
Barium	75 - 125	800	D	97	D	510	142	*
Beryllium	75 - 125	18		0.35	J	12.3	140	*
Cadmium	75 - 125	13		0.12	J	12.3	102	
Chromium	75 - 125	150		96		49.8	111	
Cobalt	75 - 125	220	D	51	D	124.2	135	*
Copper	75 - 125	200		130		62.1	101	
Lead	75 - 125	9.0		4.5		5.1	89	
Nickel	75 - 125	240	D	71	D	124.2	133	*
Selenium	75 - 125	29		2.2	U	24.9	117	
Silver	75 - 125	15		0.43	U	12.3	121	
Thallium	75 - 125	11		0.43	U	12.3	88	
Vanadium	75 - 125	360	D	200	D	124.2	127	*
Zinc	75 - 125	220		81		124.2	110	