

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group Contract: EPW14030
 Lab Code: ACE Case No.: 51772 MA No. : SDG No.: MYDBF4
 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	160		1.3		154.5	100	
Arsenic	75 - 125	150		86		61.5	103	
Barium	75 - 125	3900	D	650	D	3150	104	
Beryllium	75 - 125	91		2.3		78.0	114	
Cadmium	75 - 125	83		4.9		78.0	100	
Chromium	75 - 125	390		81		309	101	
Cobalt	75 - 125	760	D	23	D	774	95	
Copper	75 - 125	1300		810		387	118	
Lead		220		160		31.5	166	
Nickel	75 - 125	840	D	100	D	774	96	
Selenium	75 - 125	160		1.4	J	154.5	102	
Silver	75 - 125	61		1.9		78.0	76	
Thallium	75 - 125	64		0.19	J	78.0	82	
Vanadium	75 - 125	790	D	73	D	774	93	
Zinc	75 - 125	1300		550		774	101	

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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	29		1.3		23.4	119	
Arsenic		86		86		9.3	4	
Barium	75 - 125	1200	D	650	D	480	110	
Beryllium	75 - 125	17		2.3		11.7	128	*
Cadmium	75 - 125	19		4.9		11.7	120	
Chromium	75 - 125	120		81		46.8	89	
Cobalt	75 - 125	150	D	23	D	117	112	
Copper		770		810		58.5	-71	
Lead		150		160		4.8	-371	
Nickel	75 - 125	230	D	100	D	117	110	
Selenium	75 - 125	24		1.4	J	23.4	98	
Silver	75 - 125	13		1.9		11.7	93	
Thallium	75 - 125	12		0.19	J	11.7	103	
Vanadium	75 - 125	200	D	73	D	117	107	
Zinc		600		550		117	47	