

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51817

MA No. : SDG No.: MYE596

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 92.9

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	130	1.0	135	99	
Arsenic	75 - 125	100	54	54.0	89	
Barium	75 - 125	2900 D	220 D	2700	98	
Beryllium	75 - 125	63	0.61	67.5	93	
Cadmium	75 - 125	67	0.68	67.5	98	
Chromium	75 - 125	320	50	268.5	98	
Cobalt	75 - 125	710 D	30 D	673.5	102	
Copper	75 - 125	420	110	336	94	
Lead	75 - 125	63	38	27.0	89	
Nickel	75 - 125	740 D	42 D	673.5	103	
Selenium	75 - 125	140	0.46 J	135	101	
Silver	75 - 125	48	0.19 J	67.5	71	*
Thallium	75 - 125	66	0.16 J	67.5	98	
Vanadium	75 - 125	760 D	110 D	673.5	96	
Zinc	75 - 125	770	120	673.5	96	

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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	1.0	24.0	116	
Arsenic		58	54	9.6	39	
Barium	75 - 125	760	220	480	113	
Beryllium	75 - 125	14	0.61	12.0	111	
Cadmium	75 - 125	15	0.68	12.0	116	
Chromium	75 - 125	100	50	47.7	112	
Cobalt	75 - 125	180	30	119.7	122	
Copper	75 - 125	160	110	59.7	94	
Lead		38	38	4.8	-8	
Nickel	75 - 125	190	42	119.7	120	
Selenium	75 - 125	29	0.46	24.0	119	
Silver	75 - 125	12	0.19	12.0	97	
Thallium	75 - 125	14	0.16	12.0	117	
Vanadium	75 - 125	240	110	119.7	110	
Zinc	75 - 125	240	120	119.7	103	