

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51495

MA No. : SDG No.: MYD5N0

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 98.6

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		0.79	J	130.5	87	
Arsenic	75 - 125	120		75		52.5	76	
Barium	75 - 125	2600	D	210	D	2550	92	
Beryllium	75 - 125	52		0.56		66.0	79	
Cadmium	75 - 125	56		0.25	J	66.0	85	
Chromium	75 - 125	300		59		262.5	91	
Cobalt	75 - 125	690	D	39	D	655.5	100	
Copper	75 - 125	380		92		328.5	87	
Lead	75 - 125	50		26		25.5	92	
Nickel	75 - 125	690	D	49	D	655.5	97	
Selenium	75 - 125	13		2.2	U	130.5	10	*
Silver	75 - 125	56		0.15	J	66.0	86	
Thallium	75 - 125	60		0.13	J	66.0	91	
Vanadium	75 - 125	740	D	130	D	655.5	93	
Zinc	75 - 125	720		140		655.5	89	

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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	22		0.79	J	23.4	92	
Arsenic		75		75		9.3	-7	
Barium	75 - 125	630	D	210	D	480	91	
Beryllium	75 - 125	10		0.56		11.7	83	
Cadmium	75 - 125	11		0.25	J	11.7	90	
Chromium	75 - 125	99		59		46.8	85	
Cobalt	75 - 125	150	D	39	D	117	99	
Copper	75 - 125	140		92		58.5	74	*
Lead		27		26		4.8	34	
Nickel	75 - 125	160	D	49	D	117	98	
Selenium	75 - 125	24		2.2	U	23.4	103	
Silver	75 - 125	10		0.15	J	11.7	87	
Thallium	75 - 125	12		0.13	J	11.7	98	
Vanadium	75 - 125	220	D	130	D	117	81	
Zinc	75 - 125	230		140		117	81	