

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group Contract: EPW14030
 Lab Code: ACE Case No.: 51495 MA No. : SDG No.: MYD589
 Matrix : Soil Analytical Method: ICP-MS
 % Solids: 95.3

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	0.86	135	90	
Arsenic	75 - 125	120	58	54.0	108	
Barium	75 - 125	2800	D 260	2700	96	
Beryllium	75 - 125	59	1.1	67.5	86	
Cadmium	75 - 125	65	2.5	67.5	93	
Chromium	75 - 125	290	39	268.5	94	
Cobalt	75 - 125	670	D 22	672	97	
Copper	75 - 125	700	330	336	110	
Lead	75 - 125	130	96	27.0	142	*
Nickel	75 - 125	700	D 34	672	98	
Selenium	75 - 125	130	1.1	135	96	
Silver	75 - 125	58	1.1	67.5	85	
Thallium	75 - 125	63	0.24	67.5	93	
Vanadium	75 - 125	730	D 76	672	97	
Zinc	75 - 125	930	260	672	100	

MYD581S

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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		0.86		26.4	96	
Arsenic		83		58		10.5	241	
Barium	75 - 125	810	D	260	D	540	104	
Beryllium	75 - 125	13		1.1		13.2	92	
Cadmium	75 - 125	16		2.5		13.2	100	
Chromium	75 - 125	100		39		52.8	120	
Cobalt	75 - 125	150	D	22	D	132.3	98	
Copper		490		330		66.0	244	
Lead		120		96		5.4	424	
Nickel	75 - 125	170	D	34	D	132.3	102	
Selenium	75 - 125	26		1.1	J	26.4	94	
Silver	75 - 125	14		1.1		13.2	96	
Thallium	75 - 125	12		0.24	J	13.2	88	
Vanadium	75 - 125	220	D	76	D	132.3	105	
Zinc	75 - 125	470		260		132.3	159	*