

ME28X0S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51847

MA No. : SDG No.: ME28W7

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 78.3

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	0.33	J	0.33	J	11.0	-0	*
Arsenic	75 - 125	130		9.3		4.4	2636	*
Barium	75 - 125	320		94		220	102	
Beryllium	75 - 125	6.0		0.58		5.5	98	
Cadmium	75 - 125	58		0.39	J	5.5	1052	*
Chromium	75 - 125	44		21		22.0	104	
Cobalt	75 - 125	70		12		55.0	105	
Copper	75 - 125	55		27		27.5	101	
Lead		140		28		2.2	5070	
Manganese		630		570		55.0	106	
Nickel	75 - 125	90		32		55.0	105	
Selenium	75 - 125	130		2.7	U	11.0	1181	*
Silver	75 - 125	5.7		0.13	J	5.5	102	
Thallium	75 - 125	110		0.22	J	5.5	1992	*
Vanadium	75 - 125	82		25		55.0	103	
Zinc	75 - 125	160		98		55.0	105	