

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51716

MA No. : SDG No.: MC0PI1

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 94.5

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	15	0.72 J	17.5	82	
Arsenic	75 - 125	6.8	1.0	7.0	83	
Barium	75 - 125	370	19	350	100	
Beryllium	75 - 125	8.5	0.35 J	8.75	94	
Cadmium	75 - 125	8.6	0.11 J	8.75	97	
Chromium	75 - 125	44	5.2	35.0	110	
Cobalt	75 - 125	89	2.5 J	87.5	99	
Copper	75 - 125	50	9.4	43.7	94	
Lead	75 - 125	13	9.0	3.5	127	*
Manganese	75 - 125	180	82	87.5	113	
Nickel	75 - 125	91	3.3	87.5	100	
Selenium	75 - 125	13	2.6 U	17.5	74	*
Silver	75 - 125	7.3	0.75 U	8.75	83	
Thallium	75 - 125	8.0	1.9 U	8.75	91	
Vanadium	75 - 125	96	5.8	87.5	103	
Zinc	75 - 125	87	16	87.5	81	