

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHL70

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 85.8

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	16	2.1 J	17.0	83	
Arsenic	75 - 125	12	5.4	6.81	93	
Barium	75 - 125	380	67	340	93	
Beryllium	75 - 125	8.5	0.57	8.51	93	
Cadmium	75 - 125	8.5	0.25 J	8.51	97	
Chromium	75 - 125	38	7.4	34.0	91	
Cobalt	75 - 125	91	8.8	85.1	96	
Copper	75 - 125	45	8.1	42.5	86	
Lead		16	14	3.4	65	
Manganese		690	650	85.1	48	
Nickel	75 - 125	94	10	85.1	98	
Selenium	75 - 125	20	6.0	17.0	80	
Silver	75 - 125	6.1	0.43 J	8.51	66	*
Thallium	75 - 125	3.2	2.3 U	8.51	38	*
Vanadium	75 - 125	94	15	85.1	93	
Zinc	75 - 125	92	30	85.1	73	*