

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting GroupContract: EPW14030Lab Code: ACE Case No.: 51879MA No. : SDG No.: MBHKS4Matrix : SoilAnalytical Method: ICP-AES% Solids: 80.7Concentration 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	14	2.5 J	18.0	67	*
Arsenic	75 - 125	19	13	7.18	86	
Barium	75 - 125	430	140	359	80	
Beryllium	75 - 125	8.3	0.76	8.98	84	
Cadmium	75 - 125	9.2	0.61	8.98	95	
Chromium	75 - 125	42	11	35.9	85	
Cobalt	75 - 125	97	12	89.8	95	
Copper	75 - 125	54	20	44.9	76	
Lead		88	97	3.59	-232	
Manganese		950	990	89.8	-47	
Nickel	75 - 125	100	15	89.8	96	
Selenium	75 - 125	17	5.5	18.0	66	*
Silver	75 - 125	6.4	0.61 J	8.98	64	*
Thallium	75 - 125	6.0	2.6 U	8.98	67	*
Vanadium	75 - 125	91	18	89.8	82	
Zinc	75 - 125	150	90	89.8	62	*