

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHJ66

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 87.7

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	13	2.2	J	18.1	59 *
Arsenic	75 - 125	13	5.4		7.24	100
Barium	75 - 125	390	110		362	78
Beryllium	75 - 125	6.6	0.48	J	9.05	68 *
Cadmium	75 - 125	9.2	0.86		9.05	92
Chromium	75 - 125	35	8.3		36.2	72 *
Cobalt	75 - 125	94	14		90.5	89
Copper	75 - 125	44	11		45.2	73 *
Lead		34	35		3.62	-2
Manganese		3400	D	D	90.5	-344
Nickel	75 - 125	100	16		90.5	93
Selenium	75 - 125	13	2.5	J	18.1	58 *
Silver	75 - 125	5.2	1.0	U	9.05	57 *
Thallium	75 - 125	14	5.1		9.05	93
Vanadium	75 - 125	84	15		90.5	76
Zinc	75 - 125	82	27		90.5	61 *