

Hit Summary Sheet
SW-846

SDG No.: Q1447 **Order ID:** Q1447
Client: G Environmental **Project ID:** Nelson

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC1								
Q1447-01	WC1	SOIL	Aluminum	3200		2.32	4.81	mg/Kg
Q1447-01	WC1	SOIL	Arsenic	1.34		0.28	0.96	mg/Kg
Q1447-01	WC1	SOIL	Barium	43.6		0.62	4.81	mg/Kg
Q1447-01	WC1	SOIL	Beryllium	0.35		0.012	0.29	mg/Kg
Q1447-01	WC1	SOIL	Calcium	1070		2.69	96.2	mg/Kg
Q1447-01	WC1	SOIL	Chromium	7.05		0.052	0.48	mg/Kg
Q1447-01	WC1	SOIL	Cobalt	3.94		0.056	1.44	mg/Kg
Q1447-01	WC1	SOIL	Copper	20.3		0.45	0.96	mg/Kg
Q1447-01	WC1	SOIL	Iron	10100		2.59	4.81	mg/Kg
Q1447-01	WC1	SOIL	Lead	64.0		0.14	0.58	mg/Kg
Q1447-01	WC1	SOIL	Magnesium	1370		3.30	96.2	mg/Kg
Q1447-01	WC1	SOIL	Manganese	256		0.068	0.96	mg/Kg
Q1447-01	WC1	SOIL	Nickel	7.49		0.087	1.92	mg/Kg
Q1447-01	WC1	SOIL	Potassium	387		27.6	96.2	mg/Kg
Q1447-01	WC1	SOIL	Sodium	48.4	J	34.7	96.2	mg/Kg
Q1447-01	WC1	SOIL	Thallium	0.53	J	0.42	1.92	mg/Kg
Q1447-01	WC1	SOIL	Vanadium	9.00		0.26	1.92	mg/Kg
Q1447-01	WC1	SOIL	Zinc	30.9		0.11	1.92	mg/Kg



SAMPLE DATA

Report of Analysis

Client:	G Environmental	Date Collected:	02/23/25
Project:	Nelson	Date Received:	02/26/25
Client Sample ID:	WC1	SDG No.:	Q1447
Lab Sample ID:	Q1447-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	92.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	3200		1	2.32	4.81	mg/Kg	02/27/25 10:05	03/05/25 11:21	SW6010	SW3050
7440-36-0	Antimony	0.14	UN	1	0.14	2.41	mg/Kg	02/27/25 10:05	03/05/25 11:21	SW6010	SW3050
7440-38-2	Arsenic	1.34		1	0.28	0.96	mg/Kg	02/27/25 10:05	03/05/25 11:21	SW6010	SW3050
7440-39-3	Barium	43.6		1	0.62	4.81	mg/Kg	02/27/25 10:05	03/05/25 11:21	SW6010	SW3050
7440-41-7	Beryllium	0.35		1	0.012	0.29	mg/Kg	02/27/25 10:05	03/05/25 11:21	SW6010	SW3050
7440-43-9	Cadmium	0.015	U	1	0.015	0.29	mg/Kg	02/27/25 10:05	03/05/25 11:21	SW6010	SW3050
7440-70-2	Calcium	1070	*	1	2.69	96.2	mg/Kg	02/27/25 10:05	03/05/25 11:21	SW6010	SW3050
7440-47-3	Chromium	7.05		1	0.052	0.48	mg/Kg	02/27/25 10:05	03/05/25 11:21	SW6010	SW3050
7440-48-4	Cobalt	3.94		1	0.056	1.44	mg/Kg	02/27/25 10:05	03/05/25 11:21	SW6010	SW3050
7440-50-8	Copper	20.3		1	0.45	0.96	mg/Kg	02/27/25 10:05	03/05/25 11:21	SW6010	SW3050
7439-89-6	Iron	10100	*	1	2.59	4.81	mg/Kg	02/27/25 10:05	03/05/25 11:21	SW6010	SW3050
7439-92-1	Lead	64.0	N*	1	0.14	0.58	mg/Kg	02/27/25 10:05	03/05/25 11:21	SW6010	SW3050
7439-95-4	Magnesium	1370		1	3.30	96.2	mg/Kg	02/27/25 10:05	03/05/25 11:21	SW6010	SW3050
7439-96-5	Manganese	256	*	1	0.068	0.96	mg/Kg	02/27/25 10:05	03/05/25 11:21	SW6010	SW3050
7439-97-6	Mercury	0.0060	U	1	0.0060	0.014	mg/Kg	02/27/25 07:40	02/27/25 10:37	SW7471B	
7440-02-0	Nickel	7.49	*	1	0.087	1.92	mg/Kg	02/27/25 10:05	03/05/25 11:21	SW6010	SW3050
7440-09-7	Potassium	387		1	27.6	96.2	mg/Kg	02/27/25 10:05	03/05/25 11:21	SW6010	SW3050
7782-49-2	Selenium	0.32	U	1	0.32	0.96	mg/Kg	02/27/25 10:05	03/05/25 11:21	SW6010	SW3050
7440-22-4	Silver	0.050	U	1	0.050	0.48	mg/Kg	02/27/25 10:05	03/05/25 11:21	SW6010	SW3050
7440-23-5	Sodium	48.4	J	1	34.7	96.2	mg/Kg	02/27/25 10:05	03/05/25 11:21	SW6010	SW3050
7440-28-0	Thallium	0.53	J	1	0.42	1.92	mg/Kg	02/27/25 10:05	03/05/25 11:21	SW6010	SW3050
7440-62-2	Vanadium	9.00		1	0.26	1.92	mg/Kg	02/27/25 10:05	03/05/25 11:21	SW6010	SW3050
7440-66-6	Zinc	30.9	N*	1	0.11	1.92	mg/Kg	02/27/25 10:05	03/05/25 11:21	SW6010	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	METALS-TAL			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:	G Environmental				SDG No.:	Q1447				
Contract:	GENV01	Lab Code:	CHEM		Case No.:	Q1447		SAS No.:	Q1447	
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number	
ICB20	Mercury	0.20	+/-0.20	U	0.20	CV	02/27/2025	09:54	LB134824	

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: <u>G Environmental</u>		SDG No.: <u>Q1447</u>							
Contract:	<u>GENV01</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q1447</u>	SAS No.:	<u>Q1447</u>		
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB29	Mercury	0.20	+/-0.20	U	0.20	CV	02/27/2025	10:02	LB134824
CCB30	Mercury	0.20	+/-0.20	U	0.20	CV	02/27/2025	10:34	LB134824
CCB31	Mercury	0.20	+/-0.20	U	0.20	CV	02/27/2025	10:55	LB134824

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1447
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1447 **SAS No.:** Q1447

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	100	+/-100	U	100	P	03/05/2025	10:56	LB134904
	Antimony	50.0	+/-50.0	U	50.0	P	03/05/2025	10:56	LB134904
	Arsenic	20.0	+/-20.0	U	20.0	P	03/05/2025	10:56	LB134904
	Barium	100	+/-100	U	100	P	03/05/2025	10:56	LB134904
	Beryllium	6.00	+/-6.00	U	6.00	P	03/05/2025	10:56	LB134904
	Cadmium	6.00	+/-6.00	U	6.00	P	03/05/2025	10:56	LB134904
	Calcium	2000	+/-2000	U	2000	P	03/05/2025	10:56	LB134904
	Chromium	10.0	+/-10.0	U	10.0	P	03/05/2025	10:56	LB134904
	Cobalt	30.0	+/-30.0	U	30.0	P	03/05/2025	10:56	LB134904
	Copper	20.0	+/-20.0	U	20.0	P	03/05/2025	10:56	LB134904
	Iron	100	+/-100	U	100	P	03/05/2025	10:56	LB134904
	Lead	12.0	+/-12.0	U	12.0	P	03/05/2025	10:56	LB134904
	Magnesium	2000	+/-2000	U	2000	P	03/05/2025	10:56	LB134904
	Manganese	20.0	+/-20.0	U	20.0	P	03/05/2025	10:56	LB134904
	Nickel	40.0	+/-40.0	U	40.0	P	03/05/2025	10:56	LB134904
	Potassium	2000	+/-2000	U	2000	P	03/05/2025	10:56	LB134904
	Selenium	20.0	+/-20.0	U	20.0	P	03/05/2025	10:56	LB134904
	Silver	10.0	+/-10.0	U	10.0	P	03/05/2025	10:56	LB134904
	Sodium	2000	+/-2000	U	2000	P	03/05/2025	10:56	LB134904
	Thallium	40.0	+/-40.0	U	40.0	P	03/05/2025	10:56	LB134904
	Vanadium	40.0	+/-40.0	U	40.0	P	03/05/2025	10:56	LB134904
	Zinc	40.0	+/-40.0	U	40.0	P	03/05/2025	10:56	LB134904

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental		SDG No.: Q1447							
Contract: GENV01	Lab Code: CHEM	Case No.: Q1447	SAS No.: Q1447						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	100	+/-100	U	100	P	03/05/2025	11:17	LB134904
	Antimony	50.0	+/-50.0	U	50.0	P	03/05/2025	11:17	LB134904
	Arsenic	20.0	+/-20.0	U	20.0	P	03/05/2025	11:17	LB134904
	Barium	100	+/-100	U	100	P	03/05/2025	11:17	LB134904
	Beryllium	6.00	+/-6.00	U	6.00	P	03/05/2025	11:17	LB134904
	Cadmium	6.00	+/-6.00	U	6.00	P	03/05/2025	11:17	LB134904
	Calcium	2000	+/-2000	U	2000	P	03/05/2025	11:17	LB134904
	Chromium	10.0	+/-10.0	U	10.0	P	03/05/2025	11:17	LB134904
	Cobalt	30.0	+/-30.0	U	30.0	P	03/05/2025	11:17	LB134904
	Copper	20.0	+/-20.0	U	20.0	P	03/05/2025	11:17	LB134904
	Iron	100	+/-100	U	100	P	03/05/2025	11:17	LB134904
	Lead	12.0	+/-12.0	U	12.0	P	03/05/2025	11:17	LB134904
	Magnesium	2000	+/-2000	U	2000	P	03/05/2025	11:17	LB134904
	Manganese	20.0	+/-20.0	U	20.0	P	03/05/2025	11:17	LB134904
	Nickel	40.0	+/-40.0	U	40.0	P	03/05/2025	11:17	LB134904
	Potassium	2000	+/-2000	U	2000	P	03/05/2025	11:17	LB134904
	Selenium	20.0	+/-20.0	U	20.0	P	03/05/2025	11:17	LB134904
	Silver	10.0	+/-10.0	U	10.0	P	03/05/2025	11:17	LB134904
	Sodium	2000	+/-2000	U	2000	P	03/05/2025	11:17	LB134904
	Thallium	40.0	+/-40.0	U	40.0	P	03/05/2025	11:17	LB134904
	Vanadium	40.0	+/-40.0	U	40.0	P	03/05/2025	11:17	LB134904
	Zinc	40.0	+/-40.0	U	40.0	P	03/05/2025	11:17	LB134904
CCB02	Aluminum	100	+/-100	U	100	P	03/05/2025	11:59	LB134904
	Antimony	50.0	+/-50.0	U	50.0	P	03/05/2025	11:59	LB134904
	Arsenic	20.0	+/-20.0	U	20.0	P	03/05/2025	11:59	LB134904
	Barium	100	+/-100	U	100	P	03/05/2025	11:59	LB134904
	Beryllium	6.00	+/-6.00	U	6.00	P	03/05/2025	11:59	LB134904
	Cadmium	6.00	+/-6.00	U	6.00	P	03/05/2025	11:59	LB134904
	Calcium	2000	+/-2000	U	2000	P	03/05/2025	11:59	LB134904
	Chromium	10.0	+/-10.0	U	10.0	P	03/05/2025	11:59	LB134904
	Cobalt	30.0	+/-30.0	U	30.0	P	03/05/2025	11:59	LB134904
	Copper	20.0	+/-20.0	U	20.0	P	03/05/2025	11:59	LB134904
	Iron	100	+/-100	U	100	P	03/05/2025	11:59	LB134904
	Lead	12.0	+/-12.0	U	12.0	P	03/05/2025	11:59	LB134904
	Magnesium	2000	+/-2000	U	2000	P	03/05/2025	11:59	LB134904
	Manganese	20.0	+/-20.0	U	20.0	P	03/05/2025	11:59	LB134904
	Nickel	40.0	+/-40.0	U	40.0	P	03/05/2025	11:59	LB134904
	Potassium	2000	+/-2000	U	2000	P	03/05/2025	11:59	LB134904
	Selenium	20.0	+/-20.0	U	20.0	P	03/05/2025	11:59	LB134904

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental		SDG No.: Q1447							
Contract: GENV01	Lab Code: CHEM	Case No.: Q1447	SAS No.: Q1447						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	10.0	+/-10.0	U	10.0	P	03/05/2025	11:59	LB134904
	Sodium	2000	+/-2000	U	2000	P	03/05/2025	11:59	LB134904
	Thallium	40.0	+/-40.0	U	40.0	P	03/05/2025	11:59	LB134904
	Vanadium	40.0	+/-40.0	U	40.0	P	03/05/2025	11:59	LB134904
	Zinc	40.0	+/-40.0	U	40.0	P	03/05/2025	11:59	LB134904
CCB03	Aluminum	100	+/-100	U	100	P	03/05/2025	12:49	LB134904
	Antimony	50.0	+/-50.0	U	50.0	P	03/05/2025	12:49	LB134904
	Arsenic	20.0	+/-20.0	U	20.0	P	03/05/2025	12:49	LB134904
	Barium	100	+/-100	U	100	P	03/05/2025	12:49	LB134904
	Beryllium	6.00	+/-6.00	U	6.00	P	03/05/2025	12:49	LB134904
	Cadmium	6.00	+/-6.00	U	6.00	P	03/05/2025	12:49	LB134904
	Calcium	2000	+/-2000	U	2000	P	03/05/2025	12:49	LB134904
	Chromium	10.0	+/-10.0	U	10.0	P	03/05/2025	12:49	LB134904
	Cobalt	30.0	+/-30.0	U	30.0	P	03/05/2025	12:49	LB134904
	Copper	20.0	+/-20.0	U	20.0	P	03/05/2025	12:49	LB134904
	Iron	100	+/-100	U	100	P	03/05/2025	12:49	LB134904
	Lead	12.0	+/-12.0	U	12.0	P	03/05/2025	12:49	LB134904
	Magnesium	2000	+/-2000	U	2000	P	03/05/2025	12:49	LB134904
	Manganese	20.0	+/-20.0	U	20.0	P	03/05/2025	12:49	LB134904
	Nickel	40.0	+/-40.0	U	40.0	P	03/05/2025	12:49	LB134904
	Potassium	2000	+/-2000	U	2000	P	03/05/2025	12:49	LB134904
	Selenium	20.0	+/-20.0	U	20.0	P	03/05/2025	12:49	LB134904
	Silver	10.0	+/-10.0	U	10.0	P	03/05/2025	12:49	LB134904
	Sodium	2000	+/-2000	U	2000	P	03/05/2025	12:49	LB134904
	Thallium	40.0	+/-40.0	U	40.0	P	03/05/2025	12:49	LB134904
	Vanadium	40.0	+/-40.0	U	40.0	P	03/05/2025	12:49	LB134904
	Zinc	40.0	+/-40.0	U	40.0	P	03/05/2025	12:49	LB134904
CCB04	Aluminum	100	+/-100	U	100	P	03/05/2025	14:11	LB134904
	Antimony	50.0	+/-50.0	U	50.0	P	03/05/2025	14:11	LB134904
	Arsenic	20.0	+/-20.0	U	20.0	P	03/05/2025	14:11	LB134904
	Barium	100	+/-100	U	100	P	03/05/2025	14:11	LB134904
	Beryllium	6.00	+/-6.00	U	6.00	P	03/05/2025	14:11	LB134904
	Cadmium	6.00	+/-6.00	U	6.00	P	03/05/2025	14:11	LB134904
	Calcium	2000	+/-2000	U	2000	P	03/05/2025	14:11	LB134904
	Chromium	10.0	+/-10.0	U	10.0	P	03/05/2025	14:11	LB134904
	Cobalt	30.0	+/-30.0	U	30.0	P	03/05/2025	14:11	LB134904
	Copper	20.0	+/-20.0	U	20.0	P	03/05/2025	14:11	LB134904
	Iron	100	+/-100	U	100	P	03/05/2025	14:11	LB134904
	Lead	12.0	+/-12.0	U	12.0	P	03/05/2025	14:11	LB134904

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental		SDG No.: Q1447							
Contract: GENV01	Lab Code: CHEM	Case No.: Q1447	SAS No.: Q1447						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	2000	+/-2000	U	2000	P	03/05/2025	14:11	LB134904
	Manganese	20.0	+/-20.0	U	20.0	P	03/05/2025	14:11	LB134904
	Nickel	40.0	+/-40.0	U	40.0	P	03/05/2025	14:11	LB134904
	Potassium	2000	+/-2000	U	2000	P	03/05/2025	14:11	LB134904
	Selenium	20.0	+/-20.0	U	20.0	P	03/05/2025	14:11	LB134904
	Silver	10.0	+/-10.0	U	10.0	P	03/05/2025	14:11	LB134904
	Sodium	2000	+/-2000	U	2000	P	03/05/2025	14:11	LB134904
	Thallium	40.0	+/-40.0	U	40.0	P	03/05/2025	14:11	LB134904
	Vanadium	40.0	+/-40.0	U	40.0	P	03/05/2025	14:11	LB134904
	Zinc	40.0	+/-40.0	U	40.0	P	03/05/2025	14:11	LB134904

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q1447

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB166888BL		SOLID		Batch Number:	PB166888		Prep Date:	02/27/2025	
	Mercury	0.013	<0.013	U	0.013	CV	02/27/2025	10:13	LB134824

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q1447

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB166898BL	SOLID			Batch Number:	PB166898		Prep Date:	02/27/2025	
	Aluminum	4.93	<4.93	U	4.93	P	03/05/2025	13:29	LB134904
	Antimony	2.46	<2.46	U	2.46	P	03/05/2025	13:29	LB134904
	Arsenic	0.99	<0.99	U	0.99	P	03/05/2025	13:29	LB134904
	Barium	4.93	<4.93	U	4.93	P	03/05/2025	13:29	LB134904
	Beryllium	0.30	<0.30	U	0.30	P	03/05/2025	13:29	LB134904
	Cadmium	0.30	<0.30	U	0.30	P	03/05/2025	13:29	LB134904
	Calcium	98.5	<98.5	U	98.5	P	03/05/2025	13:29	LB134904
	Chromium	0.49	<0.49	U	0.49	P	03/05/2025	13:29	LB134904
	Cobalt	1.48	<1.48	U	1.48	P	03/05/2025	13:29	LB134904
	Copper	0.99	<0.99	U	0.99	P	03/05/2025	13:29	LB134904
	Iron	4.93	<4.93	U	4.93	P	03/05/2025	13:29	LB134904
	Lead	0.59	<0.59	U	0.59	P	03/05/2025	13:29	LB134904
	Magnesium	98.5	<98.5	U	98.5	P	03/05/2025	13:29	LB134904
	Manganese	0.99	<0.99	U	0.99	P	03/05/2025	13:29	LB134904
	Nickel	1.97	<1.97	U	1.97	P	03/05/2025	13:29	LB134904
	Potassium	98.5	<98.5	U	98.5	P	03/05/2025	13:29	LB134904
	Selenium	0.99	<0.99	U	0.99	P	03/05/2025	13:29	LB134904
	Silver	0.49	<0.49	U	0.49	P	03/05/2025	13:29	LB134904
	Sodium	98.5	<98.5	U	98.5	P	03/05/2025	13:29	LB134904
	Thallium	1.97	<1.97	U	1.97	P	03/05/2025	13:29	LB134904
	Vanadium	1.97	<1.97	U	1.97	P	03/05/2025	13:29	LB134904
	Zinc	1.97	<1.97	U	1.97	P	03/05/2025	13:29	LB134904



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1447
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1447 **SAS No.:** Q1447
Initial Calibration Source: EPA
Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV20	Mercury	3.87	4.0	97	90 - 110	CV	02/27/2025	09:49	LB134824

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1447
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1447 **SAS No.:** Q1447
Initial Calibration Source: EPA
Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV29	Mercury	5.16	5.0	103	90 - 110	CV	02/27/2025	09:57	LB134824
CCV30	Mercury	5.12	5.0	102	90 - 110	CV	02/27/2025	10:29	LB134824
CCV31	Mercury	5.13	5.0	103	90 - 110	CV	02/27/2025	10:50	LB134824

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental SDG No.: Q1447
 Contract: GENV01 Lab Code: CHEM Case No.: Q1447 SAS No.: Q1447
 Initial Calibration Source: EPA
 Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	2560	2500	102	90 - 110	P	03/05/2025	10:43	LB134904
	Antimony	1020	1000	102	90 - 110	P	03/05/2025	10:43	LB134904
	Arsenic	1040	1000	104	90 - 110	P	03/05/2025	10:43	LB134904
	Barium	493	520	95	90 - 110	P	03/05/2025	10:43	LB134904
	Beryllium	513	510	101	90 - 110	P	03/05/2025	10:43	LB134904
	Cadmium	508	510	100	90 - 110	P	03/05/2025	10:43	LB134904
	Calcium	9960	10000	100	90 - 110	P	03/05/2025	10:43	LB134904
	Chromium	534	520	103	90 - 110	P	03/05/2025	10:43	LB134904
	Cobalt	516	520	99	90 - 110	P	03/05/2025	10:43	LB134904
	Copper	534	510	105	90 - 110	P	03/05/2025	10:43	LB134904
	Iron	9820	10000	98	90 - 110	P	03/05/2025	10:43	LB134904
	Lead	1020	1000	102	90 - 110	P	03/05/2025	10:43	LB134904
	Magnesium	5970	6000	100	90 - 110	P	03/05/2025	10:43	LB134904
	Manganese	509	520	98	90 - 110	P	03/05/2025	10:43	LB134904
	Nickel	519	530	98	90 - 110	P	03/05/2025	10:43	LB134904
	Potassium	9490	9900	96	90 - 110	P	03/05/2025	10:43	LB134904
	Selenium	1040	1000	104	90 - 110	P	03/05/2025	10:43	LB134904
	Silver	258	250	103	90 - 110	P	03/05/2025	10:43	LB134904
	Sodium	9130	10000	91	90 - 110	P	03/05/2025	10:43	LB134904
	Thallium	1060	1000	106	90 - 110	P	03/05/2025	10:43	LB134904
	Vanadium	491	500	98	90 - 110	P	03/05/2025	10:43	LB134904
	Zinc	1030	1000	103	90 - 110	P	03/05/2025	10:43	LB134904

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental SDG No.: Q1447
Contract: GENV01 Lab Code: CHEM Case No.: Q1447 SAS No.: Q1447
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	101	100	101	80 - 120	P	03/05/2025	10:51	LB134904
	Antimony	52.3	50.0	105	80 - 120	P	03/05/2025	10:51	LB134904
	Arsenic	19.0	20.0	95	80 - 120	P	03/05/2025	10:51	LB134904
	Barium	92.3	100	92	80 - 120	P	03/05/2025	10:51	LB134904
	Beryllium	5.85	6.0	98	80 - 120	P	03/05/2025	10:51	LB134904
	Cadmium	5.96	6.0	99	80 - 120	P	03/05/2025	10:51	LB134904
	Calcium	1970	2000	99	80 - 120	P	03/05/2025	10:51	LB134904
	Chromium	10.7	10.0	107	80 - 120	P	03/05/2025	10:51	LB134904
	Cobalt	29.6	30.0	99	80 - 120	P	03/05/2025	10:51	LB134904
	Copper	22.8	20.0	114	80 - 120	P	03/05/2025	10:51	LB134904
	Iron	96.3	100	96	80 - 120	P	03/05/2025	10:51	LB134904
	Lead	11.9	12.0	99	80 - 120	P	03/05/2025	10:51	LB134904
	Magnesium	2100	2000	105	80 - 120	P	03/05/2025	10:51	LB134904
	Manganese	20.1	20.0	100	80 - 120	P	03/05/2025	10:51	LB134904
	Nickel	39.6	40.0	99	80 - 120	P	03/05/2025	10:51	LB134904
	Potassium	1970	2000	98	80 - 120	P	03/05/2025	10:51	LB134904
	Selenium	20.8	20.0	104	80 - 120	P	03/05/2025	10:51	LB134904
	Silver	10.7	10.0	107	80 - 120	P	03/05/2025	10:51	LB134904
	Sodium	1860	2000	93	80 - 120	P	03/05/2025	10:51	LB134904
	Thallium	41.0	40.0	102	80 - 120	P	03/05/2025	10:51	LB134904
	Vanadium	40.2	40.0	100	80 - 120	P	03/05/2025	10:51	LB134904
	Zinc	43.4	40.0	108	80 - 120	P	03/05/2025	10:51	LB134904

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental SDG No.: Q1447
 Contract: GENV01 Lab Code: CHEM Case No.: Q1447 SAS No.: Q1447
 Initial Calibration Source: EPA
 Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	10000	10000	100	90 - 110	P	03/05/2025	11:13	LB134904
	Antimony	5120	5000	102	90 - 110	P	03/05/2025	11:13	LB134904
	Arsenic	5100	5000	102	90 - 110	P	03/05/2025	11:13	LB134904
	Barium	9750	10000	98	90 - 110	P	03/05/2025	11:13	LB134904
	Beryllium	245	250	98	90 - 110	P	03/05/2025	11:13	LB134904
	Cadmium	2480	2500	99	90 - 110	P	03/05/2025	11:13	LB134904
	Calcium	24200	25000	97	90 - 110	P	03/05/2025	11:13	LB134904
	Chromium	1030	1000	104	90 - 110	P	03/05/2025	11:13	LB134904
	Cobalt	2480	2500	99	90 - 110	P	03/05/2025	11:13	LB134904
	Copper	1270	1250	102	90 - 110	P	03/05/2025	11:13	LB134904
	Iron	5060	5000	101	90 - 110	P	03/05/2025	11:13	LB134904
	Lead	5000	5000	100	90 - 110	P	03/05/2025	11:13	LB134904
	Magnesium	24200	25000	97	90 - 110	P	03/05/2025	11:13	LB134904
	Manganese	2390	2500	96	90 - 110	P	03/05/2025	11:13	LB134904
	Nickel	2480	2500	99	90 - 110	P	03/05/2025	11:13	LB134904
	Potassium	25600	25000	102	90 - 110	P	03/05/2025	11:13	LB134904
	Selenium	5150	5000	103	90 - 110	P	03/05/2025	11:13	LB134904
	Silver	1280	1250	102	90 - 110	P	03/05/2025	11:13	LB134904
	Sodium	24900	25000	100	90 - 110	P	03/05/2025	11:13	LB134904
	Thallium	5090	5000	102	90 - 110	P	03/05/2025	11:13	LB134904
	Vanadium	2460	2500	99	90 - 110	P	03/05/2025	11:13	LB134904
	Zinc	2590	2500	104	90 - 110	P	03/05/2025	11:13	LB134904
CCV02	Aluminum	10200	10000	102	90 - 110	P	03/05/2025	11:55	LB134904
	Antimony	5220	5000	104	90 - 110	P	03/05/2025	11:55	LB134904
	Arsenic	5190	5000	104	90 - 110	P	03/05/2025	11:55	LB134904
	Barium	9730	10000	97	90 - 110	P	03/05/2025	11:55	LB134904
	Beryllium	246	250	98	90 - 110	P	03/05/2025	11:55	LB134904
	Cadmium	2500	2500	100	90 - 110	P	03/05/2025	11:55	LB134904
	Calcium	24500	25000	98	90 - 110	P	03/05/2025	11:55	LB134904
	Chromium	1040	1000	104	90 - 110	P	03/05/2025	11:55	LB134904
	Cobalt	2500	2500	100	90 - 110	P	03/05/2025	11:55	LB134904
	Copper	1300	1250	104	90 - 110	P	03/05/2025	11:55	LB134904
	Iron	5100	5000	102	90 - 110	P	03/05/2025	11:55	LB134904
	Lead	5050	5000	101	90 - 110	P	03/05/2025	11:55	LB134904

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental SDG No.: Q1447
Contract: GENV01 Lab Code: CHEM Case No.: Q1447 SAS No.: Q1447
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	24400	25000	98	90 - 110	P	03/05/2025	11:55	LB134904
	Manganese	2410	2500	96	90 - 110	P	03/05/2025	11:55	LB134904
	Nickel	2500	2500	100	90 - 110	P	03/05/2025	11:55	LB134904
	Potassium	26100	25000	104	90 - 110	P	03/05/2025	11:55	LB134904
	Selenium	5210	5000	104	90 - 110	P	03/05/2025	11:55	LB134904
	Silver	1300	1250	104	90 - 110	P	03/05/2025	11:55	LB134904
	Sodium	25300	25000	101	90 - 110	P	03/05/2025	11:55	LB134904
	Thallium	4930	5000	99	90 - 110	P	03/05/2025	11:55	LB134904
	Vanadium	2490	2500	100	90 - 110	P	03/05/2025	11:55	LB134904
	Zinc	2610	2500	104	90 - 110	P	03/05/2025	11:55	LB134904
CCV03	Aluminum	10100	10000	101	90 - 110	P	03/05/2025	12:45	LB134904
	Antimony	5080	5000	102	90 - 110	P	03/05/2025	12:45	LB134904
	Arsenic	5020	5000	100	90 - 110	P	03/05/2025	12:45	LB134904
	Barium	10000	10000	100	90 - 110	P	03/05/2025	12:45	LB134904
	Beryllium	244	250	98	90 - 110	P	03/05/2025	12:45	LB134904
	Cadmium	2450	2500	98	90 - 110	P	03/05/2025	12:45	LB134904
	Calcium	24400	25000	98	90 - 110	P	03/05/2025	12:45	LB134904
	Chromium	1020	1000	102	90 - 110	P	03/05/2025	12:45	LB134904
	Cobalt	2470	2500	99	90 - 110	P	03/05/2025	12:45	LB134904
	Copper	1270	1250	101	90 - 110	P	03/05/2025	12:45	LB134904
	Iron	4960	5000	99	90 - 110	P	03/05/2025	12:45	LB134904
	Lead	4940	5000	99	90 - 110	P	03/05/2025	12:45	LB134904
	Magnesium	24000	25000	96	90 - 110	P	03/05/2025	12:45	LB134904
	Manganese	2390	2500	96	90 - 110	P	03/05/2025	12:45	LB134904
	Nickel	2470	2500	99	90 - 110	P	03/05/2025	12:45	LB134904
	Potassium	26000	25000	104	90 - 110	P	03/05/2025	12:45	LB134904
	Selenium	5040	5000	101	90 - 110	P	03/05/2025	12:45	LB134904
	Silver	1280	1250	102	90 - 110	P	03/05/2025	12:45	LB134904
	Sodium	25600	25000	102	90 - 110	P	03/05/2025	12:45	LB134904
	Thallium	4790	5000	96	90 - 110	P	03/05/2025	12:45	LB134904
	Vanadium	2470	2500	99	90 - 110	P	03/05/2025	12:45	LB134904
	Zinc	2560	2500	102	90 - 110	P	03/05/2025	12:45	LB134904
CCV04	Aluminum	10000	10000	100	90 - 110	P	03/05/2025	14:07	LB134904
	Antimony	5000	5000	100	90 - 110	P	03/05/2025	14:07	LB134904

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1447
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1447 **SAS No.:** Q1447
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4980	5000	100	90 - 110	P	03/05/2025	14:07	LB134904
	Barium	10200	10000	102	90 - 110	P	03/05/2025	14:07	LB134904
	Beryllium	247	250	99	90 - 110	P	03/05/2025	14:07	LB134904
	Cadmium	2490	2500	100	90 - 110	P	03/05/2025	14:07	LB134904
	Calcium	24500	25000	98	90 - 110	P	03/05/2025	14:07	LB134904
	Chromium	1020	1000	102	90 - 110	P	03/05/2025	14:07	LB134904
	Cobalt	2510	2500	100	90 - 110	P	03/05/2025	14:07	LB134904
	Copper	1260	1250	101	90 - 110	P	03/05/2025	14:07	LB134904
	Iron	4900	5000	98	90 - 110	P	03/05/2025	14:07	LB134904
	Lead	4980	5000	100	90 - 110	P	03/05/2025	14:07	LB134904
	Magnesium	24400	25000	98	90 - 110	P	03/05/2025	14:07	LB134904
	Manganese	2370	2500	95	90 - 110	P	03/05/2025	14:07	LB134904
	Nickel	2520	2500	101	90 - 110	P	03/05/2025	14:07	LB134904
	Potassium	25700	25000	103	90 - 110	P	03/05/2025	14:07	LB134904
	Selenium	4980	5000	100	90 - 110	P	03/05/2025	14:07	LB134904
	Silver	1270	1250	102	90 - 110	P	03/05/2025	14:07	LB134904
	Sodium	25300	25000	101	90 - 110	P	03/05/2025	14:07	LB134904
	Thallium	5020	5000	100	90 - 110	P	03/05/2025	14:07	LB134904
	Vanadium	2470	2500	99	90 - 110	P	03/05/2025	14:07	LB134904
	Zinc	2570	2500	103	90 - 110	P	03/05/2025	14:07	LB134904



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Metals

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CRDL STANDARD FOR AA & ICP

Client: G Environmental **SDG No.:** Q1447
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1447 **SAS No.:** Q1447
Initial Calibration Source: _____
Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRA	Mercury	0.18	0.2	91	40 - 160	CV	02/27/2025	10:04	LB134824
CRI01	Aluminum	102	100	102	40 - 160	P	03/05/2025	11:00	LB134904
	Antimony	51.7	50.0	103	40 - 160	P	03/05/2025	11:00	LB134904
	Arsenic	20.2	20.0	101	40 - 160	P	03/05/2025	11:00	LB134904
	Barium	91.8	100	92	40 - 160	P	03/05/2025	11:00	LB134904
	Beryllium	5.92	6.0	99	40 - 160	P	03/05/2025	11:00	LB134904
	Cadmium	5.85	6.0	98	40 - 160	P	03/05/2025	11:00	LB134904
	Calcium	1970	2000	98	40 - 160	P	03/05/2025	11:00	LB134904
	Chromium	10.5	10.0	105	40 - 160	P	03/05/2025	11:00	LB134904
	Cobalt	29.4	30.0	98	40 - 160	P	03/05/2025	11:00	LB134904
	Copper	22.5	20.0	112	40 - 160	P	03/05/2025	11:00	LB134904
	Iron	93.2	100	93	40 - 160	P	03/05/2025	11:00	LB134904
	Lead	12.3	12.0	103	40 - 160	P	03/05/2025	11:00	LB134904
	Magnesium	2080	2000	104	40 - 160	P	03/05/2025	11:00	LB134904
	Manganese	19.8	20.0	99	40 - 160	P	03/05/2025	11:00	LB134904
	Nickel	39.1	40.0	98	40 - 160	P	03/05/2025	11:00	LB134904
	Potassium	1920	2000	96	40 - 160	P	03/05/2025	11:00	LB134904
	Selenium	18.9	20.0	95	40 - 160	P	03/05/2025	11:00	LB134904
	Silver	10.5	10.0	105	40 - 160	P	03/05/2025	11:00	LB134904
	Sodium	1830	2000	92	40 - 160	P	03/05/2025	11:00	LB134904
	Thallium	41.3	40.0	103	40 - 160	P	03/05/2025	11:00	LB134904
	Vanadium	40.1	40.0	100	40 - 160	P	03/05/2025	11:00	LB134904
	Zinc	42.9	40.0	107	40 - 160	P	03/05/2025	11:00	LB134904

Metals
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INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q1447
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1447 **SAS No.:** Q1447
ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	251000	255000	98	216000	294000	03/05/2025	11:04	LB134904
	Antimony	-2.46			-50	50	03/05/2025	11:04	LB134904
	Arsenic	4.69			-20	20	03/05/2025	11:04	LB134904
	Barium	3.05	6.0	51	-94	106	03/05/2025	11:04	LB134904
	Beryllium	1.20			-6	6	03/05/2025	11:04	LB134904
	Cadmium	-3.85	1.0	385	-5	7	03/05/2025	11:04	LB134904
	Calcium	235000	245000	96	208000	282000	03/05/2025	11:04	LB134904
	Chromium	60.3	52.0	116	42	62	03/05/2025	11:04	LB134904
	Cobalt	2.15			-30	30	03/05/2025	11:04	LB134904
	Copper	14.9	2.0	745	-18	22	03/05/2025	11:04	LB134904
	Iron	104000	101000	103	85600	116500	03/05/2025	11:04	LB134904
	Lead	3.18			-12	12	03/05/2025	11:04	LB134904
	Magnesium	255000	255000	100	216000	294000	03/05/2025	11:04	LB134904
	Manganese	2.43	7.0	35	-13	27	03/05/2025	11:04	LB134904
	Nickel	1.88	2.0	94	-38	42	03/05/2025	11:04	LB134904
	Potassium	-63.2			0	0	03/05/2025	11:04	LB134904
	Selenium	-15.4			-20	20	03/05/2025	11:04	LB134904
	Silver	-1.85			-10	10	03/05/2025	11:04	LB134904
	Sodium	-2.98			0	0	03/05/2025	11:04	LB134904
	Thallium	7.88			-40	40	03/05/2025	11:04	LB134904
	Vanadium	3.34			-40	40	03/05/2025	11:04	LB134904
	Zinc	3.82			-40	40	03/05/2025	11:04	LB134904
ICSAB01	Aluminum	251000	247000	102	209000	285000	03/05/2025	11:09	LB134904
	Antimony	623	618	101	525	711	03/05/2025	11:09	LB134904
	Arsenic	115	104	111	88.4	120	03/05/2025	11:09	LB134904
	Barium	478	537	89	437	637	03/05/2025	11:09	LB134904
	Beryllium	483	495	98	420	570	03/05/2025	11:09	LB134904
	Cadmium	1000	972	103	826	1120	03/05/2025	11:09	LB134904
	Calcium	232000	235000	99	199000	271000	03/05/2025	11:09	LB134904
	Chromium	583	542	108	460	624	03/05/2025	11:09	LB134904
	Cobalt	510	476	107	404	548	03/05/2025	11:09	LB134904
	Copper	517	511	101	434	588	03/05/2025	11:09	LB134904
	Iron	103000	99300	104	84400	114500	03/05/2025	11:09	LB134904
	Lead	54.9	49.0	112	37	61	03/05/2025	11:09	LB134904
	Magnesium	250000	248000	101	210000	286000	03/05/2025	11:09	LB134904
	Manganese	464	507	92	430	584	03/05/2025	11:09	LB134904
	Nickel	1010	954	106	810	1100	03/05/2025	11:09	LB134904
	Potassium	-64.1			0	0	03/05/2025	11:09	LB134904
	Selenium	32.0	46.0	70	26	66	03/05/2025	11:09	LB134904
	Silver	224	201	111	170	232	03/05/2025	11:09	LB134904
	Sodium	8.35			0	0	03/05/2025	11:09	LB134904
	Thallium	107	108	99	68	148	03/05/2025	11:09	LB134904

Metals
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INTERFERENCE CHECK SAMPLE

Client: <u>G Environmental</u>	SDG No.: <u>Q1447</u>
Contract: <u>GENV01</u> Lab Code: <u>CHEM</u>	Case No.: <u>Q1447</u> SAS No.: <u>Q1447</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Vanadium	471	491	96	417	565	03/05/2025	11:09	LB134904
	Zinc	1090	952	114	809	1095	03/05/2025	11:09	LB134904



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client:	<u>G Environmental</u>	level:	<u>low</u>	sdg no.:	<u>Q1447</u>
contract:	<u>GENV01</u>	lab code:	<u>CHEM</u>	case no.:	<u>Q1447</u>
matrix:	<u>Solid</u>	sample id:	<u>Q1447-01</u>	client id:	<u>WC1MS</u>
Percent Solids for Sample:	92.4	Spiked ID:	Q1447-01MS	Percent Solids for Spike Sample:	92.4

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	4320		3200		97.1	1148		P
Antimony	mg/Kg	75 - 125	19.3		2.41	U	38.8	50	N	P
Arsenic	mg/Kg	75 - 125	37.5		1.34		38.8	93		P
Barium	mg/Kg	75 - 125	59.8		43.6		9.7	167		P
Beryllium	mg/Kg	75 - 125	8.23		0.35		9.7	81		P
Cadmium	mg/Kg	75 - 125	8.94		0.29	U	9.7	92		P
Calcium	mg/Kg	75 - 125	618		1070		48.5	-922		P
Chromium	mg/Kg	75 - 125	26.0		7.05		19.4	97		P
Cobalt	mg/Kg	75 - 125	14.9		3.94		9.7	112		P
Copper	mg/Kg	75 - 125	36.7		20.3		14.6	113		P
Iron	mg/Kg	75 - 125	12800		10100		150	1807		P
Lead	mg/Kg	75 - 125	113		64.0		48.5	102		P
Magnesium	mg/Kg	75 - 125	1750		1370		97.1	387		P
Manganese	mg/Kg	75 - 125	390		256		9.7	1382		P
Mercury	mg/Kg	80 - 120	0.25		0.014	U	0.27	91		CV
Nickel	mg/Kg	75 - 125	36.0		7.49		24.3	117		P
Potassium	mg/Kg	75 - 125	939		387		490	113		P
Selenium	mg/Kg	75 - 125	79.2		0.96	U	97.1	82		P
Silver	mg/Kg	75 - 125	3.57		0.48	U	3.6	99		P
Sodium	mg/Kg	75 - 125	190		48.4	J	150	95		P
Thallium	mg/Kg	75 - 125	90.6		0.53	J	97.1	93		P
Vanadium	mg/Kg	75 - 125	21.8		9.00		14.6	87		P
Zinc	mg/Kg	75 - 125	64.6		30.9		9.7	347	N	P

metals
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MATRIX SPIKE DUPLICATE SUMMARY

client:	<u>G Environmental</u>	level:	<u>low</u>	sdg no.:	<u>Q1447</u>
contract:	<u>GENV01</u>	lab code:	<u>CHEM</u>	case no.:	<u>Q1447</u>
matrix:	<u>Solid</u>	sample id:	<u>Q1447-01</u>	client id:	<u>WC1MSD</u>
Percent Solids for Sample:	92.4	Spiked ID:	Q1447-01MSD	Percent Solids for Spike Sample:	92.4

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	4090		3200		92.1	962		P
Antimony	mg/Kg	75 - 125	17.5		2.41	U	36.8	48	N	P
Arsenic	mg/Kg	75 - 125	34.6		1.34		36.8	90		P
Barium	mg/Kg	75 - 125	56.3		43.6		9.2	138		P
Beryllium	mg/Kg	75 - 125	7.85		0.35		9.2	82		P
Cadmium	mg/Kg	75 - 125	8.78		0.29	U	9.2	95		P
Calcium	mg/Kg	75 - 125	1020		1070		46.1	-96		P
Chromium	mg/Kg	75 - 125	24.6		7.05		18.4	95		P
Cobalt	mg/Kg	75 - 125	14.0		3.94		9.2	109		P
Copper	mg/Kg	75 - 125	34.8		20.3		13.8	106		P
Iron	mg/Kg	75 - 125	10300		10100		140	150		P
Lead	mg/Kg	75 - 125	87.5		64.0		46.1	51	N	P
Magnesium	mg/Kg	75 - 125	1660		1370		92.1	310		P
Manganese	mg/Kg	75 - 125	315		256		9.2	640		P
Mercury	mg/Kg	80 - 120	0.25		0.014	U	0.27	93		CV
Nickel	mg/Kg	75 - 125	32.2		7.49		23.0	108		P
Potassium	mg/Kg	75 - 125	879		387		460	107		P
Selenium	mg/Kg	75 - 125	73.1		0.96	U	92.1	79		P
Silver	mg/Kg	75 - 125	3.05		0.48	U	3.5	87		P
Sodium	mg/Kg	75 - 125	178		48.4	J	140	93		P
Thallium	mg/Kg	75 - 125	86.2		0.53	J	92.1	93		P
Vanadium	mg/Kg	75 - 125	20.7		9.00		13.8	85		P
Zinc	mg/Kg	75 - 125	38.1		30.9		9.2	78		P

Metals
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POST DIGEST SPIKE SUMMARY

Client: <u>G Environmental</u>	SDG No.: <u>Q1447</u>	
Contract: <u>GENV01</u>	Lab Code: <u>CHEM</u>	Case No.: <u>Q1447</u> SAS No.: <u>Q1447</u>
Matrix: <u>Solid</u>	Level: <u>LOW</u>	Client ID: <u>WC1A</u>
Sample ID: <u>Q1447-01</u>	Spiked ID: <u>Q1447-01A</u>	

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	75 - 125	17.8		2.41	U	38.5	46		P
Lead	mg/Kg	75 - 125	98.9		64.0		48.1	72		P
Zinc	mg/Kg	75 - 125	40.7		30.9		9.60	102		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q1447
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1447 **SAS No.:** Q1447
Matrix: Solid **Sample ID:** Q1447-01 **Client ID:** WC1DUP
Percent Solids for Sample: 92.4 **Duplicate ID** Q1447-01DUP **Percent Solids for Spike Sample:** 92.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	3200		3680		14		P
Antimony	mg/Kg	20	2.41	U	2.47	U			P
Arsenic	mg/Kg	20	1.34		1.84		31		P
Barium	mg/Kg	20	43.6		45.8		5		P
Beryllium	mg/Kg	20	0.35		0.40		15		P
Cadmium	mg/Kg	20	0.29	U	0.30	U			P
Calcium	mg/Kg	20	1070		571		61	*	P
Chromium	mg/Kg	20	7.05		8.20		15		P
Cobalt	mg/Kg	20	3.94		4.69		17		P
Copper	mg/Kg	20	20.3		22.3		9		P
Iron	mg/Kg	20	10100		16500		48	*	P
Lead	mg/Kg	20	64.0		64.3		0		P
Magnesium	mg/Kg	20	1370		1540		12		P
Manganese	mg/Kg	20	256		301		16		P
Mercury	mg/Kg	20	0.014	U	0.0060	J	200.0		CV
Nickel	mg/Kg	20	7.49		9.30		22	*	P
Potassium	mg/Kg	20	387		466		19		P
Selenium	mg/Kg	20	0.96	U	0.99	U			P
Silver	mg/Kg	20	0.48	U	0.25	J	200.0		P
Sodium	mg/Kg	20	48.4	J	61.8	J	24		P
Thallium	mg/Kg	20	0.53	J	0.89	J	51		P
Vanadium	mg/Kg	20	9.00		10.6		16		P
Zinc	mg/Kg	20	30.9		56.9		59	*	P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q1447
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1447 **SAS No.:** Q1447
Matrix: Solid **Sample ID:** Q1447-01MS **Client ID:** WC1MSD
Percent Solids for Sample: 92.4 **Duplicate ID** Q1447-01MSD **Percent Solids for Spike Sample:** 92.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	4320		4090		5		P
Antimony	mg/Kg	20	19.3		17.5		10		P
Arsenic	mg/Kg	20	37.5		34.6		8		P
Barium	mg/Kg	20	59.8		56.3		6		P
Beryllium	mg/Kg	20	8.23		7.85		5		P
Cadmium	mg/Kg	20	8.94		8.78		2		P
Calcium	mg/Kg	20	618		1020		49	*	P
Chromium	mg/Kg	20	26.0		24.6		6		P
Cobalt	mg/Kg	20	14.9		14.0		6		P
Copper	mg/Kg	20	36.7		34.8		5		P
Iron	mg/Kg	20	12800		10300		22	*	P
Lead	mg/Kg	20	113		87.5		25	*	P
Magnesium	mg/Kg	20	1750		1660		5		P
Manganese	mg/Kg	20	390		315		21	*	P
Mercury	mg/Kg	20	0.25		0.25		2		CV
Nickel	mg/Kg	20	36.0		32.2		11		P
Potassium	mg/Kg	20	939		879		7		P
Selenium	mg/Kg	20	79.2		73.1		8		P
Silver	mg/Kg	20	3.57		3.05		16		P
Sodium	mg/Kg	20	190		178		7		P
Thallium	mg/Kg	20	90.6		86.2		5		P
Vanadium	mg/Kg	20	21.8		20.7		5		P
Zinc	mg/Kg	20	64.6		38.1		52	*	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental

SDG No.: Q1447

Contract: GENV01

Lab Code: CHEM

Case No.: Q1447

SAS No.: Q1447

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB166888BS Mercury	mg/Kg	0.25	0.23		92	80 - 120	CV

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental **SDG No.:** Q1447
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1447 **SAS No.:** Q1447

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB166898BS							
Aluminum	mg/Kg	98.0	93.0		95	80 - 120	P
Antimony	mg/Kg	39.2	36.9		94	80 - 120	P
Arsenic	mg/Kg	39.2	38.8		99	80 - 120	P
Barium	mg/Kg	9.8	8.97		92	80 - 120	P
Beryllium	mg/Kg	9.8	9.39		96	80 - 120	P
Cadmium	mg/Kg	9.8	9.23		94	80 - 120	P
Calcium	mg/Kg	49.0	46.5	J	95	80 - 120	P
Chromium	mg/Kg	19.6	19.7		100	80 - 120	P
Cobalt	mg/Kg	9.8	9.40		96	80 - 120	P
Copper	mg/Kg	14.7	15.1		103	80 - 120	P
Iron	mg/Kg	150	141		94	80 - 120	P
Lead	mg/Kg	49.0	46.7		95	80 - 120	P
Magnesium	mg/Kg	98.0	90.9	J	93	80 - 120	P
Manganese	mg/Kg	9.8	9.08		93	80 - 120	P
Nickel	mg/Kg	24.5	23.7		97	80 - 120	P
Potassium	mg/Kg	490	478		98	80 - 120	P
Selenium	mg/Kg	98.0	95.5		97	80 - 120	P
Silver	mg/Kg	3.7	3.72		100	80 - 120	P
Sodium	mg/Kg	150	137		91	80 - 120	P
Thallium	mg/Kg	98.0	95.5		97	80 - 120	P
Vanadium	mg/Kg	14.7	13.9		95	80 - 120	P
Zinc	mg/Kg	9.8	10.0		102	80 - 120	P

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

WC1L

Lab Name: Chemtech Consulting Group

Contract: GENV01

Lab Code: CHEM Lb No.: lb134904 Lab Sample ID : Q1447-01L SDG No.: Q1447

Matrix (soil/water): Solid Level (low/med): LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Difference	Q	M
Aluminum	3200		3530		10		P
Antimony	2.41	U	12.0	U			P
Arsenic	1.34		4.81	U	100.0		P
Barium	43.6		45.8		5		P
Beryllium	0.35		0.41	J	17		P
Cadmium	0.29	U	1.44	U			P
Calcium	1070		737		31		P
Chromium	7.05		8.05		14		P
Cobalt	3.94		3.90	J	1		P
Copper	20.3		23.1		14		P
Iron	10100		12700		26		P
Lead	64.0		81.0		27		P
Magnesium	1370		1500		9		P
Manganese	256		328		28		P
Mercury	0.014	U	0.068	U			CV
Nickel	7.49		8.38	J	12		P
Potassium	387		426	J	10		P
Selenium	0.96	U	4.81	U			P
Silver	0.48	U	2.41	U			P
Sodium	48.4	J	481	U	100.0		P
Thallium	0.53	J	9.62	U	100.0		P
Vanadium	9.00		9.72		8		P
Zinc	30.9		54.9		78		P

metals
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ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: CHEM **Case no.:** Q1447 **Sas no.:** Q1447 **Sdg no.:** Q1447

Instrument id number: **Method:** **Run number:** LB134824

Start date: 02/27/2025 **End date:** 02/27/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0930	HG
S0.2	S0.2	1	0932	HG
S2.5	S2.5	1	0937	HG
S5	S5	1	0939	HG
S7.5	S7.5	1	0942	HG
S10	S10	1	0944	HG
ICV20	ICV20	1	0949	HG
ICB20	ICB20	1	0954	HG
CCV29	CCV29	1	0957	HG
CCB29	CCB29	1	1002	HG
CRA	CRA	1	1004	HG
PB166888BL	PB166888BL	1	1013	HG
PB166888BS	PB166888BS	1	1016	HG
CCV30	CCV30	1	1029	HG
CCB30	CCB30	1	1034	HG
Q1447-01	WC1	1	1037	HG
Q1447-01DUP	WC1DUP	1	1039	HG
Q1447-01MS	WC1MS	1	1041	HG
Q1447-01MSD	WC1MSD	1	1043	HG
Q1447-01L	WC1L	5	1046	HG
CCV31	CCV31	1	1050	HG
CCB31	CCB31	1	1055	HG

metals
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ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: CHEM **Case no.:** Q1447 **Sas no.:** Q1447 **Sdg no.:** Q1447

Instrument id number: **Method:** **Run number:** LB134904

Start date: 03/05/2025 **End date:** 03/05/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1017	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1022	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1026	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1030	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1034	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1039	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1043	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1051	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1056	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1100	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1104	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1109	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1113	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1117	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1447-01	WC1	1	1121	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1155	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1159	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1447-01DUP	WC1DUP	1	1225	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1447-01L	WC1L	5	1229	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1447-01MS	WC1MS	1	1233	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1447-01MSD	WC1MSD	1	1237	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1447-01A	WC1A	1	1241	Pb,Sb,Zn
CCV03	CCV03	1	1245	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1249	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB166898BL	PB166898BL	1	1329	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB166898BS	PB166898BS	1	1403	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1407	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1411	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental

SDG No.: Q1447

Contract: GENV01

Lab Code: CHEM

Case No.: Q1447

SAS No.: Q1447

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Al	Ca	Fe	Mg	Ag
Aluminum	396.100	0.0000000	-0.0002060	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	-0.0075970	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental

SDG No.: Q1447

Contract: GENV01

Lab Code: CHEM

Case No.: Q1447

SAS No.: Q1447

Instrument ID: _____

Date: _____

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		As	Ba	Be	Cd	Co
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	-0.0039600
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0054900
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental

SDG No.: Q1447

Contract: GENV01

Lab Code: CHEM

Case No.: Q1447

SAS No.: Q1447

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Cr	Cu	K	Mn	Mo
Aluminum	396.100	0.0000000	0.0000000	0.0000590	0.0000000	0.0396900
Antimony	206.833	0.0122000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	-0.0000710	-0.0003400
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	-0.0007860
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Iron	240.488	0.0000000	0.0000000	0.0000730	0.0000000	-0.0015250
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0017400	-0.0100400
Vanadium	292.402	-0.0025100	0.0000000	0.0000000	0.0000000	-0.0072000
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental

SDG No.: Q1447

Contract: GENV01

Lab Code: CHEM

Case No.: Q1447

SAS No.: Q1447

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Na	Ni	Pb	Sb	Se
Aluminum	396.100	0.0000000	0.0000000	0.0012800	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Iron	240.488	0.0000000	-0.0017000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMEN CORRECTION FACTORS

Client: G Environmental

SDG No.: Q1447

Contract: GENV01

Lab Code: CHEM

Case No.: Q1447

SAS No.: Q1447

Instrument ID: _____

Date: _____

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		Sn	Ti	Tl	V	Zn
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	-0.0035600	-0.0007970	0.0000000	-0.0018900	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Cobalt	228.616	0.0000000	0.0018800	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	-0.0039700	0.0000000	-0.0115600	0.0000000
Vanadium	292.402	0.0000000	0.0005320	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

LAB CHRONICLE

OrderID:	Q1447	OrderDate:	2/26/2025 2:32:53 PM
Client:	G Environmental	Project:	Nelson
Contact:	Gary Landis	Location:	H31,H33,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1447-01	WC1	SOIL			02/23/25			02/26/25
			Mercury	7471B		02/27/25	02/27/25	
			Metals ICP-TAL	6010D		02/27/25	03/05/25	
Q1447-02	WC1	TCLP			02/23/25			02/26/25
			TCLP ICP Metals	6010D		02/27/25	03/03/25	
			TCLP Mercury	7470A		02/28/25	02/28/25	



METAL PREPARATION & ANALYICAL SUMMARY

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SAMPLE PREPARATION SUMMARY

Client:	<u>G Environmental</u>	SDG No.:	<u>Q1447</u>
Contract:	<u>GENV01</u>	Lab Code:	<u>CHEM</u>
		Method:	<u></u>
		Case No.:	<u>Q1447</u>
		SAS No.:	<u>Q1447</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB166888							
PB166888BL	PB166888BL	MB	SOLID	02/27/2025	0.52	35.0	100.00
PB166888BS	PB166888BS	LCS	SOLID	02/27/2025	0.57	35.0	100.00
Q1447-01	WC1	SAM	SOLID	02/27/2025	0.56	35.0	92.40
Q1447-01DUP	WC1DUP	DUP	SOLID	02/27/2025	0.55	35.0	92.40
Q1447-01MS	WC1MS	MS	SOLID	02/27/2025	0.57	35.0	92.40
Q1447-01MSD	WC1MSD	MSD	SOLID	02/27/2025	0.56	35.0	92.40

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SAMPLE PREPARATION SUMMARY

Client:	<u>G Environmental</u>	SDG No.:	<u>Q1447</u>
Contract:	<u>GENV01</u>	Lab Code:	<u>CHEM</u>
		Method:	<u></u>
		Case No.:	<u>Q1447</u>
		SAS No.:	<u>Q1447</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB166898							
PB166898BL	PB166898BL	MB	SOLID	02/27/2025	2.03	100.0	100.00
PB166898BS	PB166898BS	LCS	SOLID	02/27/2025	2.04	100.0	100.00
Q1447-01	WC1	SAM	SOLID	02/27/2025	2.25	100.0	92.40
Q1447-01DUP	WC1DUP	DUP	SOLID	02/27/2025	2.19	100.0	92.40
Q1447-01MS	WC1MS	MS	SOLID	02/27/2025	2.23	100.0	92.40
Q1447-01MSD	WC1MSD	MSD	SOLID	02/27/2025	2.35	100.0	92.40

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB134824

Review By	Jaswal	Review On	3/6/2025 12:06:26 PM
Supervise By	Mohan	Supervise On	3/6/2025 12:07:24 PM
STD. NAME	STD REF.#		
ICAL Standard	MP84665,MP84666,MP84667,MP84668,MP84669,MP84670		
ICV Standard	MP84671		
CCV Standard	MP84673		
ICSA Standard			
CRI Standard	MP84675		
LCS Standard			
Chk Standard	MP84672,MP84674,MP84676,MP84678		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	02/27/25 09:30		Mohan	OK
2	S0.2	S0.2	CAL2	02/27/25 09:32		Mohan	OK
3	S2.5	S2.5	CAL3	02/27/25 09:37		Mohan	OK
4	S5	S5	CAL4	02/27/25 09:39		Mohan	OK
5	S7.5	S7.5	CAL5	02/27/25 09:42		Mohan	OK
6	S10	S10	CAL6	02/27/25 09:44		Mohan	OK
7	ICV20	ICV20	ICV	02/27/25 09:49		Mohan	OK
8	ICB20	ICB20	ICB	02/27/25 09:54		Mohan	OK
9	CCV29	CCV29	CCV	02/27/25 09:57		Mohan	OK
10	CCB29	CCB29	CCB	02/27/25 10:02		Mohan	OK
11	CRA	CRA	CRDL	02/27/25 10:04		Mohan	OK
12	HighStd	HighStd	HIGH STD	02/27/25 10:06		Mohan	OK
13	ChkStd	ChkStd	SAM	02/27/25 10:08		Mohan	OK
14	PB166888BL	PB166888BL	MB	02/27/25 10:13		Mohan	OK
15	PB166888BS	PB166888BS	LCS	02/27/25 10:16		Mohan	OK
16	Q1427-01	VNJ-227	SAM	02/27/25 10:18		Mohan	OK
17	Q1428-01	NB-07-022525	SAM	02/27/25 10:20		Mohan	OK
18	Q1440-01	OR-02-022625	SAM	02/27/25 10:22		Mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB134824

Review By	Jaswal	Review On	3/6/2025 12:06:26 PM
Supervise By	Mohan	Supervise On	3/6/2025 12:07:24 PM
STD. NAME	STD REF.#		
ICAL Standard	MP84665,MP84666,MP84667,MP84668,MP84669,MP84670		
ICV Standard	MP84671		
CCV Standard	MP84673		
ICSA Standard			
CRI Standard	MP84675		
LCS Standard			
Chk Standard	MP84672,MP84674,MP84676,MP84678		

19	Q1441-01	HD-02-022625	SAM	02/27/25 10:25		Mohan	OK
20	Q1442-03	351	SAM	02/27/25 10:27		Mohan	OK
21	CCV30	CCV30	CCV	02/27/25 10:29		Mohan	OK
22	CCB30	CCB30	CCB	02/27/25 10:34		Mohan	OK
23	Q1447-01	WC1	SAM	02/27/25 10:37		Mohan	OK
24	Q1447-01DUP	WC1DUP	DUP	02/27/25 10:39		Mohan	OK
25	Q1447-01MS	WC1MS	MS	02/27/25 10:41		Mohan	OK
26	Q1447-01MSD	WC1MSD	MSD	02/27/25 10:43		Mohan	OK
27	Q1447-01L	WC1L	SD	02/27/25 10:46		Mohan	OK
28	Q1447-01A	WC1A	PS	02/27/25 10:48		Mohan	OK
29	CCV31	CCV31	CCV	02/27/25 10:50		Mohan	OK
30	CCB31	CCB31	CCB	02/27/25 10:55		Mohan	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB134904

Review By	kareem	Review On	3/6/2025 12:15:01 PM
Supervise By	Mohan	Supervise On	3/6/2025 12:16:30 PM
STD. NAME	STD REF.#		
ICAL Standard	MP84636,MP84642,MP84640,MP84639,MP84638,MP84637		
ICV Standard	MP84643		
CCV Standard	MP84646		
ICSA Standard	MP84644,MP84721		
CRI Standard	MP84640		
LCS Standard			
Chk Standard	MP84649,MP84650		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	03/05/25 10:17		Kareem	OK
2	S1	S1	CAL2	03/05/25 10:22		Kareem	OK
3	S2	S2	CAL3	03/05/25 10:26		Kareem	OK
4	S3	S3	CAL4	03/05/25 10:30		Kareem	OK
5	S4	S4	CAL5	03/05/25 10:34		Kareem	OK
6	S5	S5	CAL6	03/05/25 10:39		Kareem	OK
7	ICV01	ICV01	ICV	03/05/25 10:43		Kareem	OK
8	LLICV01	LLICV01	LLICV	03/05/25 10:51		Kareem	OK
9	ICB01	ICB01	ICB	03/05/25 10:56		Kareem	OK
10	CRI01	CRI01	CRDL	03/05/25 11:00		Kareem	OK
11	ICSA01	ICSA01	ICSA	03/05/25 11:04		Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	03/05/25 11:09		Kareem	OK
13	CCV01	CCV01	CCV	03/05/25 11:13		Kareem	OK
14	CCB01	CCB01	CCB	03/05/25 11:17		Kareem	OK
15	Q1447-01	WC1	SAM	03/05/25 11:21		Kareem	OK
16	Q1474-01	BU-03-02282025	SAM	03/05/25 11:26		Kareem	OK
17	Q1480-01	TP-1	SAM	03/05/25 11:30		Kareem	OK
18	Q1480-09	TP-2	SAM	03/05/25 11:34		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB134904

Review By	kareem	Review On	3/6/2025 12:15:01 PM
Supervise By	Mohan	Supervise On	3/6/2025 12:16:30 PM
STD. NAME	STD REF.#		
ICAL Standard	MP84636,MP84642,MP84640,MP84639,MP84638,MP84637		
ICV Standard	MP84643		
CCV Standard	MP84646		
ICSA Standard	MP84644,MP84721		
CRI Standard	MP84640		
LCS Standard			
Chk Standard	MP84649,MP84650		

19	Q1480-17	TP-3	SAM	03/05/25 11:38		Kareem	OK
20	Q1480-25	TP-4	SAM	03/05/25 11:43		Kareem	OK
21	Q1474-01DUP	BU-03-02282025DUP	DUP	03/05/25 11:47		Kareem	OK
22	Q1474-01L	BU-03-02282025L	SD	03/05/25 11:51		Kareem	OK
23	CCV02	CCV02	CCV	03/05/25 11:55		Kareem	OK
24	CCB02	CCB02	CCB	03/05/25 11:59		Kareem	OK
25	Q1474-01MS	BU-03-02282025MS	MS	03/05/25 12:04	0.1 ML M6003 AND M6011 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
26	Q1474-01MSD	BU-03-02282025MSD	MSD	03/05/25 12:07	0.1 ML M6003 AND M6011 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
27	Q1474-01A	BU-03-02282025A	PS	03/05/25 12:11	0.1 ML M6003 AND M6011 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
28	LR1	LR1	HIGH STD	03/05/25 12:15		Kareem	OK
29	LR2	LR2	HIGH STD	03/05/25 12:20		Kareem	OK
30	Q1447-01DUP	WC1DUP	DUP	03/05/25 12:25		Kareem	OK
31	Q1447-01L	WC1L	SD	03/05/25 12:29		Kareem	OK
32	Q1447-01MS	WC1MS	MS	03/05/25 12:33	0.1 ML M6003 AND M6011 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
33	Q1447-01MSD	WC1MSD	MSD	03/05/25 12:37	0.1 ML M6003 AND M6011 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB134904

Review By	kareem	Review On	3/6/2025 12:15:01 PM
Supervise By	Mohan	Supervise On	3/6/2025 12:16:30 PM
STD. NAME	STD REF.#		
ICAL Standard	MP84636,MP84642,MP84640,MP84639,MP84638,MP84637		
ICV Standard	MP84643		
CCV Standard	MP84646		
ICSA Standard	MP84644,MP84721		
CRI Standard	MP84640		
LCS Standard			
Chk Standard	MP84649,MP84650		

34	Q1447-01A	WC1A	PS	03/05/25 12:41	0.1 ML M6003 AND M6011 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
35	CCV03	CCV03	CCV	03/05/25 12:45		Kareem	OK
36	CCB03	CCB03	CCB	03/05/25 12:49		Kareem	OK
37	PB166962BL	PB166962BL	MB	03/05/25 13:12		Kareem	OK
38	PB166962BS	PB166962BS	LCS	03/05/25 13:17	0.1 ML M6003 AND M6011 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
39	PB166897BL	PB166897BL	MB	03/05/25 13:21		Kareem	OK
40	PB166898BL	PB166898BL	MB	03/05/25 13:29		Kareem	OK
41	PB166924BL	PB166924BL	MB	03/05/25 13:37		Kareem	OK
42	PB166924BS	PB166924BS	LCS	03/05/25 13:42	0.1 ML M6003 AND M6011 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
43	Q1451-01	VNJ208	SAM	03/05/25 13:46		Kareem	OK
44	Q1475-01	TR-04-02282025	SAM	03/05/25 13:50		Kareem	OK
45	PB166897BS	PB166897BS	LCS	03/05/25 13:59	0.1 ML M6003 AND M6011 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
46	PB166898BS	PB166898BS	LCS	03/05/25 14:03	0.1 ML M6003 AND M6011 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
47	CCV04	CCV04	CCV	03/05/25 14:07		Kareem	OK
48	CCB04	CCB04	CCB	03/05/25 14:11		Kareem	OK

SOP ID : M7471B-Mercury-18

SDG No : N/A

Matrix : SOIL

Pipette ID: HG A

Balance ID : M SC-3

Filter paper ID : NA

pH Strip ID : NA

Hood ID : #1

Block ID: 1. HG HOT BLOCK#3 2. N/A

Start Digest Date: 02/27/2025 Time : 07:40 Temp : 94 °C

End Digest Date: 02/27/2025 Time : 08:10 Temp : 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature:

Supervisor Signature:

Temp : 1. 94°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP84671
CCV	30mL	MP84673
CRA	30mL	MP84675
Blank Spike	0.48mL	MP84664
Matrix Spike	0.48mL	MP84664

Chemical Used	ML/SAMPLE USED	Lot Number
AQUA REGIA	1.5mL	MP84677
KMnO4 (5%)	4.5mL	MP84564
Hydroxylamine HCL (12%)	2.0mL	MP84566
PTFE Boiling Stones	2.0mL	M4583
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30mL	MP84665
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP84666
2.5 ppb	S2.5	30mL	MP84667
5.0 ppb	S5.0	30mL	MP84668
7.5 ppb	S7.5	30mL	MP84669
10.0 ppb	S10.0	30mL	MP84670
ICV	ICV	30mL	MP84671
ICB	ICB	30mL	MP84672
CCV	CCV	30mL	MP84673
CCB	CCB	30mL	MP84674
CRI	CRI	30mL	MP84675
CHK STD	CHK STD	30mL	MP84676

Extraction Conformance/Non-Conformance Comments:

N/A		
Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
2/27/25 8:15	MB - Drg Lab	MB - Drg Lab
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Comment	Prep Pos
PB166888BL	PBS888	0.52	35	NA	N/A	3-1
PB166888BS	LCS888	0.57	35	NA	MP84664	2
Q1427-01	VNJ-227	0.50	35	NA	N/A	3
Q1428-01	NB-07-022525	0.57	35	NA	N/A	4
Q1440-01	OR-02-022625	0.54	35	NA	N/A	5
Q1441-01	HD-02-022625	0.54	35	NA	N/A	6
Q1442-03	351	0.54	35	NA	N/A	7
Q1447-01	WC1	0.56	35	NA	N/A	8
Q1447-01DUP	WC1DUP	0.55	35	NA	N/A	9
Q1447-01MS	WC1MS	0.57	35	NA	MP84664	10
Q1447-01MSD	WC1MSD	0.56	35	NA	MP84664	11

SOP ID : M3050B-Digestion-20

SDG No : N/A

Matrix : SOIL

Pipette ID: ICP A

Balance ID : M SC-2

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #3

Block ID: 1. HOT BLOCK #2 2. N/A

Start Digest Date: 02/27/2025 Time : 10:05 Temp : 96 °C

End Digest Date: 02/27/2025 Time : 12:10 Temp : 96 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #2

Dig Technician Signature: *SLD*

Supervisor Signature: *[Signature]*

Temp : 1. 96°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
LFS-1	1.00	M6003
LFS-2	1.00	M6011
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
1:1 HNO3	10.00	MP84041
Conc. HNO3	5.00	M6126
30% H2O2	3.00	M6125
Conc. HCL	10.00	M6121
PTFE Boiling Stones	N/A	M5585
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK # 2 CELL 35 Temp :96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
02/27/25 13:10	<i>SLD met. dig.</i>	<i>[Signature] (metals Lab)</i>
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
PB166898BL	PBS898	N/A	2.03	100	Colorless	Colorless	Fine	N/A	N/A	1
PB166898BS	LCS898	N/A	2.04	100	Colorless	Colorless	Fine	N/A	M6003,M6011	2
Q1440-01	OR-02-022625	N/A	2.39	100	Brown	Yellow	Medium	N/A	N/A	3
Q1441-01	HD-02-022625	N/A	2.28	100	Brown	Yellow	Medium	N/A	N/A	4
Q1442-03	351	N/A	2.26	100	Brown	Yellow	Medium	N/A	N/A	5
Q1447-01	WC1	N/A	2.25	100	Brown	Yellow	Medium	N/A	N/A	6
Q1447-01MS	WC1MS	N/A	2.23	100	Brown	Yellow	Medium	N/A	M6003,M6011	8
Q1447-01MSD	WC1MSD	N/A	2.35	100	Brown	Yellow	Medium	N/A	M6003,M6011	9
Q1447-01DUP	WC1DUP	N/A	2.19	100	Brown	Yellow	Medium	N/A	N/A	7