

Hit Summary Sheet SW-846

SDG No.: Q2743 **Order ID:** Q2743
Client: G Environmental **Project ID:** Capra

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC1								
Q2743-01	WC1	SOIL	Aluminum	6560		0.96	5.73	mg/Kg
Q2743-01	WC1	SOIL	Arsenic	11.6		0.22	1.15	mg/Kg
Q2743-01	WC1	SOIL	Barium	232		0.84	5.73	mg/Kg
Q2743-01	WC1	SOIL	Beryllium	0.61		0.029	0.34	mg/Kg
Q2743-01	WC1	SOIL	Cadmium	0.78		0.027	0.34	mg/Kg
Q2743-01	WC1	SOIL	Calcium	18700		12.7	115	mg/Kg
Q2743-01	WC1	SOIL	Chromium	13.1		0.054	0.57	mg/Kg
Q2743-01	WC1	SOIL	Cobalt	6.15		0.12	1.72	mg/Kg
Q2743-01	WC1	SOIL	Copper	151		0.25	1.15	mg/Kg
Q2743-01	WC1	SOIL	Iron	11100		4.57	5.73	mg/Kg
Q2743-01	WC1	SOIL	Lead	633		0.15	0.69	mg/Kg
Q2743-01	WC1	SOIL	Magnesium	4120		13.7	115	mg/Kg
Q2743-01	WC1	SOIL	Manganese	152		0.16	1.15	mg/Kg
Q2743-01	WC1	SOIL	Mercury	3.38	D	0.094	0.17	mg/Kg
Q2743-01	WC1	SOIL	Nickel	16.2		0.15	2.29	mg/Kg
Q2743-01	WC1	SOIL	Potassium	672		31.7	115	mg/Kg
Q2743-01	WC1	SOIL	Silver	0.88		0.14	0.57	mg/Kg
Q2743-01	WC1	SOIL	Sodium	262		20.4	115	mg/Kg
Q2743-01	WC1	SOIL	Vanadium	20.1		0.29	2.29	mg/Kg
Q2743-01	WC1	SOIL	Zinc	255		0.26	2.29	mg/Kg



SAMPLE DATA

Report of Analysis

Client:	G Environmental	Date Collected:	07/31/25
Project:	Capra	Date Received:	07/31/25
Client Sample ID:	WC1	SDG No.:	Q2743
Lab Sample ID:	Q2743-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	78.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6560		1	0.96	5.73	mg/Kg	08/04/25 10:05	08/04/25 14:25	6010D	SW3050
7440-36-0	Antimony	0.25	UN	1	0.25	2.86	mg/Kg	08/04/25 10:05	08/04/25 14:25	6010D	SW3050
7440-38-2	Arsenic	11.6		1	0.22	1.15	mg/Kg	08/04/25 10:05	08/04/25 14:25	6010D	SW3050
7440-39-3	Barium	232		1	0.84	5.73	mg/Kg	08/04/25 10:05	08/04/25 14:25	6010D	SW3050
7440-41-7	Beryllium	0.61		1	0.029	0.34	mg/Kg	08/04/25 10:05	08/04/25 14:25	6010D	SW3050
7440-43-9	Cadmium	0.78		1	0.027	0.34	mg/Kg	08/04/25 10:05	08/04/25 14:25	6010D	SW3050
7440-70-2	Calcium	18700	*	1	12.7	115	mg/Kg	08/04/25 10:05	08/04/25 14:25	6010D	SW3050
7440-47-3	Chromium	13.1		1	0.054	0.57	mg/Kg	08/04/25 10:05	08/04/25 14:25	6010D	SW3050
7440-48-4	Cobalt	6.15		1	0.12	1.72	mg/Kg	08/04/25 10:05	08/04/25 14:25	6010D	SW3050
7440-50-8	Copper	151		1	0.25	1.15	mg/Kg	08/04/25 10:05	08/04/25 14:25	6010D	SW3050
7439-89-6	Iron	11100		1	4.57	5.73	mg/Kg	08/04/25 10:05	08/04/25 14:25	6010D	SW3050
7439-92-1	Lead	633		1	0.15	0.69	mg/Kg	08/04/25 10:05	08/04/25 14:25	6010D	SW3050
7439-95-4	Magnesium	4120		1	13.7	115	mg/Kg	08/04/25 10:05	08/04/25 14:25	6010D	SW3050
7439-96-5	Manganese	152		1	0.16	1.15	mg/Kg	08/04/25 10:05	08/04/25 14:25	6010D	SW3050
7439-97-6	Mercury	3.38	D	10	0.094	0.17	mg/Kg	07/31/25 16:00	08/01/25 13:44	7471B	
7440-02-0	Nickel	16.2		1	0.15	2.29	mg/Kg	08/04/25 10:05	08/04/25 14:25	6010D	SW3050
7440-09-7	Potassium	672		1	31.7	115	mg/Kg	08/04/25 10:05	08/04/25 14:25	6010D	SW3050
7782-49-2	Selenium	0.30	U	1	0.30	1.15	mg/Kg	08/04/25 10:05	08/04/25 14:25	6010D	SW3050
7440-22-4	Silver	0.88		1	0.14	0.57	mg/Kg	08/04/25 10:05	08/04/25 14:25	6010D	SW3050
7440-23-5	Sodium	262		1	20.4	115	mg/Kg	08/04/25 10:05	08/04/25 14:25	6010D	SW3050
7440-28-0	Thallium	0.26	U	1	0.26	2.29	mg/Kg	08/04/25 10:05	08/04/25 14:25	6010D	SW3050
7440-62-2	Vanadium	20.1		1	0.29	2.29	mg/Kg	08/04/25 10:05	08/04/25 14:25	6010D	SW3050
7440-66-6	Zinc	255		1	0.26	2.29	mg/Kg	08/04/25 10:05	08/04/25 14:25	6010D	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.: Q2743

Contract: GENV01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB48	Mercury	0.076	+/-0.2	U	0.20	CV	08/01/2025	12:42	LB136668

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q2743

Contract: GENV01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB73	Mercury	0.076	+/-0.2	U	0.20	CV	08/01/2025	12:47	LB136668
CCB74	Mercury	0.076	+/-0.2	U	0.20	CV	08/01/2025	13:22	LB136668
CCB75	Mercury	0.076	+/-0.2	U	0.20	CV	08/01/2025	13:49	LB136668

Metals

- 3a -

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SDG No.: Q2743

Contract: GENV01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	100	P	08/04/2025	11:52	LB136697
	Antimony	6.76	+/-25	U	50.0	P	08/04/2025	11:52	LB136697
	Arsenic	5.12	+/-10	U	20.0	P	08/04/2025	11:52	LB136697
	Barium	14.6	+/-50	U	100	P	08/04/2025	11:52	LB136697
	Beryllium	0.56	+/-3	U	6.00	P	08/04/2025	11:52	LB136697
	Cadmium	0.50	+/-3	U	6.00	P	08/04/2025	11:52	LB136697
	Calcium	234	+/-1000	U	2000	P	08/04/2025	11:52	LB136697
	Chromium	2.12	+/-5	U	10.0	P	08/04/2025	11:52	LB136697
	Cobalt	2.26	+/-15	U	30.0	P	08/04/2025	11:52	LB136697
	Copper	4.60	+/-10	U	20.0	P	08/04/2025	11:52	LB136697
	Iron	23.4	+/-50	U	100	P	08/04/2025	11:52	LB136697
	Lead	2.30	+/-6	U	12.0	P	08/04/2025	11:52	LB136697
	Magnesium	244	+/-1000	U	2000	P	08/04/2025	11:52	LB136697
	Manganese	5.94	+/-10	U	20.0	P	08/04/2025	11:52	LB136697
	Nickel	3.06	+/-20	U	40.0	P	08/04/2025	11:52	LB136697
	Potassium	918	+/-1000	U	2000	P	08/04/2025	11:52	LB136697
	Selenium	9.64	+/-10	U	20.0	P	08/04/2025	11:52	LB136697
	Silver	1.62	+/-5	U	10.0	P	08/04/2025	11:52	LB136697
	Sodium	868	+/-1000	U	2000	P	08/04/2025	11:52	LB136697
	Thallium	4.38	+/-20	U	40.0	P	08/04/2025	11:52	LB136697
	Vanadium	6.26	+/-20	U	40.0	P	08/04/2025	11:52	LB136697
	Zinc	16.7	+/-20	U	40.0	P	08/04/2025	11:52	LB136697

Metals

- 3a -

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Client: G Environmental

SDG No.: Q2743

Contract: GENV01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	100	P	08/04/2025	12:29	LB136697
	Antimony	6.76	+/-25	U	50.0	P	08/04/2025	12:29	LB136697
	Arsenic	5.12	+/-10	U	20.0	P	08/04/2025	12:29	LB136697
	Barium	14.6	+/-50	U	100	P	08/04/2025	12:29	LB136697
	Beryllium	0.56	+/-3	U	6.00	P	08/04/2025	12:29	LB136697
	Cadmium	0.50	+/-3	U	6.00	P	08/04/2025	12:29	LB136697
	Calcium	234	+/-1000	U	2000	P	08/04/2025	12:29	LB136697
	Chromium	2.12	+/-5	U	10.0	P	08/04/2025	12:29	LB136697
	Cobalt	2.26	+/-15	U	30.0	P	08/04/2025	12:29	LB136697
	Copper	4.60	+/-10	U	20.0	P	08/04/2025	12:29	LB136697
	Iron	23.4	+/-50	U	100	P	08/04/2025	12:29	LB136697
	Lead	2.30	+/-6	U	12.0	P	08/04/2025	12:29	LB136697
	Magnesium	244	+/-1000	U	2000	P	08/04/2025	12:29	LB136697
	Manganese	5.94	+/-10	U	20.0	P	08/04/2025	12:29	LB136697
	Nickel	3.06	+/-20	U	40.0	P	08/04/2025	12:29	LB136697
	Potassium	918	+/-1000	U	2000	P	08/04/2025	12:29	LB136697
	Selenium	9.64	+/-10	U	20.0	P	08/04/2025	12:29	LB136697
	Silver	1.62	+/-5	U	10.0	P	08/04/2025	12:29	LB136697
	Sodium	868	+/-1000	U	2000	P	08/04/2025	12:29	LB136697
	Thallium	4.38	+/-20	U	40.0	P	08/04/2025	12:29	LB136697
	Vanadium	6.26	+/-20	U	40.0	P	08/04/2025	12:29	LB136697
	Zinc	16.7	+/-20	U	40.0	P	08/04/2025	12:29	LB136697
CCB02	Aluminum	12.9	+/-50	J	100	P	08/04/2025	13:41	LB136697
	Antimony	6.76	+/-25	U	50.0	P	08/04/2025	13:41	LB136697
	Arsenic	5.12	+/-10	U	20.0	P	08/04/2025	13:41	LB136697
	Barium	14.6	+/-50	U	100	P	08/04/2025	13:41	LB136697
	Beryllium	0.56	+/-3	U	6.00	P	08/04/2025	13:41	LB136697
	Cadmium	0.50	+/-3	U	6.00	P	08/04/2025	13:41	LB136697
	Calcium	234	+/-1000	U	2000	P	08/04/2025	13:41	LB136697
	Chromium	2.12	+/-5	U	10.0	P	08/04/2025	13:41	LB136697
	Cobalt	2.26	+/-15	U	30.0	P	08/04/2025	13:41	LB136697
	Copper	4.60	+/-10	U	20.0	P	08/04/2025	13:41	LB136697
	Iron	23.4	+/-50	U	100	P	08/04/2025	13:41	LB136697
	Lead	2.30	+/-6	U	12.0	P	08/04/2025	13:41	LB136697
	Magnesium	244	+/-1000	U	2000	P	08/04/2025	13:41	LB136697
	Manganese	5.94	+/-10	U	20.0	P	08/04/2025	13:41	LB136697
	Nickel	3.06	+/-20	U	40.0	P	08/04/2025	13:41	LB136697
	Potassium	918	+/-1000	U	2000	P	08/04/2025	13:41	LB136697
	Selenium	9.64	+/-10	U	20.0	P	08/04/2025	13:41	LB136697

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q2743

Contract: GENV01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	08/04/2025	13:41	LB136697
	Sodium	868	+/-1000	U	2000	P	08/04/2025	13:41	LB136697
	Thallium	4.38	+/-20	U	40.0	P	08/04/2025	13:41	LB136697
	Vanadium	6.26	+/-20	U	40.0	P	08/04/2025	13:41	LB136697
	Zinc	16.7	+/-20	U	40.0	P	08/04/2025	13:41	LB136697
CCB03	Aluminum	11.3	+/-50	U	100	P	08/04/2025	14:54	LB136697
	Antimony	6.76	+/-25	U	50.0	P	08/04/2025	14:54	LB136697
	Arsenic	5.12	+/-10	U	20.0	P	08/04/2025	14:54	LB136697
	Barium	14.6	+/-50	U	100	P	08/04/2025	14:54	LB136697
	Beryllium	0.56	+/-3	U	6.00	P	08/04/2025	14:54	LB136697
	Cadmium	0.50	+/-3	U	6.00	P	08/04/2025	14:54	LB136697
	Calcium	234	+/-1000	U	2000	P	08/04/2025	14:54	LB136697
	Chromium	2.12	+/-5	U	10.0	P	08/04/2025	14:54	LB136697
	Cobalt	2.26	+/-15	U	30.0	P	08/04/2025	14:54	LB136697
	Copper	4.60	+/-10	U	20.0	P	08/04/2025	14:54	LB136697
	Iron	23.4	+/-50	U	100	P	08/04/2025	14:54	LB136697
	Lead	2.30	+/-6	U	12.0	P	08/04/2025	14:54	LB136697
	Magnesium	244	+/-1000	U	2000	P	08/04/2025	14:54	LB136697
	Manganese	5.94	+/-10	U	20.0	P	08/04/2025	14:54	LB136697
	Nickel	3.06	+/-20	U	40.0	P	08/04/2025	14:54	LB136697
	Potassium	918	+/-1000	U	2000	P	08/04/2025	14:54	LB136697
	Selenium	9.64	+/-10	U	20.0	P	08/04/2025	14:54	LB136697
	Silver	1.62	+/-5	U	10.0	P	08/04/2025	14:54	LB136697
	Sodium	868	+/-1000	U	2000	P	08/04/2025	14:54	LB136697
	Thallium	4.38	+/-20	U	40.0	P	08/04/2025	14:54	LB136697
	Vanadium	6.26	+/-20	U	40.0	P	08/04/2025	14:54	LB136697
	Zinc	16.7	+/-20	U	40.0	P	08/04/2025	14:54	LB136697
CCB04	Aluminum	22.0	+/-50	J	100	P	08/04/2025	15:53	LB136697
	Antimony	6.76	+/-25	U	50.0	P	08/04/2025	15:53	LB136697
	Arsenic	5.12	+/-10	U	20.0	P	08/04/2025	15:53	LB136697
	Barium	14.6	+/-50	U	100	P	08/04/2025	15:53	LB136697
	Beryllium	0.56	+/-3	U	6.00	P	08/04/2025	15:53	LB136697
	Cadmium	0.50	+/-3	U	6.00	P	08/04/2025	15:53	LB136697
	Calcium	234	+/-1000	U	2000	P	08/04/2025	15:53	LB136697
	Chromium	2.12	+/-5	U	10.0	P	08/04/2025	15:53	LB136697
	Cobalt	2.26	+/-15	U	30.0	P	08/04/2025	15:53	LB136697
	Copper	4.60	+/-10	U	20.0	P	08/04/2025	15:53	LB136697
	Iron	23.4	+/-50	U	100	P	08/04/2025	15:53	LB136697
	Lead	2.30	+/-6	U	12.0	P	08/04/2025	15:53	LB136697

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q2743

Contract: GENV01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	08/04/2025	15:53	LB136697
	Manganese	5.94	+/-10	U	20.0	P	08/04/2025	15:53	LB136697
	Nickel	3.06	+/-20	U	40.0	P	08/04/2025	15:53	LB136697
	Potassium	918	+/-1000	U	2000	P	08/04/2025	15:53	LB136697
	Selenium	9.64	+/-10	U	20.0	P	08/04/2025	15:53	LB136697
	Silver	1.62	+/-5	U	10.0	P	08/04/2025	15:53	LB136697
	Sodium	868	+/-1000	U	2000	P	08/04/2025	15:53	LB136697
	Thallium	4.38	+/-20	U	40.0	P	08/04/2025	15:53	LB136697
	Vanadium	6.26	+/-20	U	40.0	P	08/04/2025	15:53	LB136697
	Zinc	16.7	+/-20	U	40.0	P	08/04/2025	15:53	LB136697
CCB05	Aluminum	11.3	+/-50	U	100	P	08/04/2025	16:55	LB136697
	Antimony	6.76	+/-25	U	50.0	P	08/04/2025	16:55	LB136697
	Arsenic	5.12	+/-10	U	20.0	P	08/04/2025	16:55	LB136697
	Barium	14.6	+/-50	U	100	P	08/04/2025	16:55	LB136697
	Beryllium	0.56	+/-3	U	6.00	P	08/04/2025	16:55	LB136697
	Cadmium	0.50	+/-3	U	6.00	P	08/04/2025	16:55	LB136697
	Calcium	234	+/-1000	U	2000	P	08/04/2025	16:55	LB136697
	Chromium	2.12	+/-5	U	10.0	P	08/04/2025	16:55	LB136697
	Cobalt	2.26	+/-15	U	30.0	P	08/04/2025	16:55	LB136697
	Copper	4.60	+/-10	U	20.0	P	08/04/2025	16:55	LB136697
	Iron	23.4	+/-50	U	100	P	08/04/2025	16:55	LB136697
	Lead	2.30	+/-6	U	12.0	P	08/04/2025	16:55	LB136697
	Magnesium	244	+/-1000	U	2000	P	08/04/2025	16:55	LB136697
	Manganese	5.94	+/-10	U	20.0	P	08/04/2025	16:55	LB136697
	Nickel	3.06	+/-20	U	40.0	P	08/04/2025	16:55	LB136697
	Potassium	918	+/-1000	U	2000	P	08/04/2025	16:55	LB136697
	Selenium	9.64	+/-10	U	20.0	P	08/04/2025	16:55	LB136697
	Silver	1.62	+/-5	U	10.0	P	08/04/2025	16:55	LB136697
	Sodium	868	+/-1000	U	2000	P	08/04/2025	16:55	LB136697
	Thallium	4.38	+/-20	U	40.0	P	08/04/2025	16:55	LB136697
	Vanadium	6.26	+/-20	U	40.0	P	08/04/2025	16:55	LB136697
	Zinc	16.7	+/-20	U	40.0	P	08/04/2025	16:55	LB136697
CCB06	Aluminum	11.3	+/-50	U	100	P	08/04/2025	17:45	LB136697
	Antimony	6.76	+/-25	U	50.0	P	08/04/2025	17:45	LB136697
	Arsenic	5.12	+/-10	U	20.0	P	08/04/2025	17:45	LB136697
	Barium	14.6	+/-50	U	100	P	08/04/2025	17:45	LB136697
	Beryllium	0.56	+/-3	U	6.00	P	08/04/2025	17:45	LB136697
	Cadmium	0.50	+/-3	U	6.00	P	08/04/2025	17:45	LB136697
	Calcium	234	+/-1000	U	2000	P	08/04/2025	17:45	LB136697

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q2743

Contract: GENV01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	10.0	P	08/04/2025	17:45	LB136697
	Cobalt	2.26	+/-15	U	30.0	P	08/04/2025	17:45	LB136697
	Copper	4.60	+/-10	U	20.0	P	08/04/2025	17:45	LB136697
	Iron	23.4	+/-50	U	100	P	08/04/2025	17:45	LB136697
	Lead	2.30	+/-6	U	12.0	P	08/04/2025	17:45	LB136697
	Magnesium	244	+/-1000	U	2000	P	08/04/2025	17:45	LB136697
	Manganese	5.94	+/-10	U	20.0	P	08/04/2025	17:45	LB136697
	Nickel	3.06	+/-20	U	40.0	P	08/04/2025	17:45	LB136697
	Potassium	918	+/-1000	U	2000	P	08/04/2025	17:45	LB136697
	Selenium	9.64	+/-10	U	20.0	P	08/04/2025	17:45	LB136697
	Silver	1.62	+/-5	U	10.0	P	08/04/2025	17:45	LB136697
	Sodium	868	+/-1000	U	2000	P	08/04/2025	17:45	LB136697
	Thallium	4.38	+/-20	U	40.0	P	08/04/2025	17:45	LB136697
	Vanadium	6.26	+/-20	U	40.0	P	08/04/2025	17:45	LB136697
	Zinc	16.7	+/-20	U	40.0	P	08/04/2025	17:45	LB136697
CCB07	Aluminum	11.3	+/-50	U	100	P	08/04/2025	18:02	LB136697
	Antimony	6.76	+/-25	U	50.0	P	08/04/2025	18:02	LB136697
	Arsenic	5.12	+/-10	U	20.0	P	08/04/2025	18:02	LB136697
	Barium	14.6	+/-50	U	100	P	08/04/2025	18:02	LB136697
	Beryllium	0.56	+/-3	U	6.00	P	08/04/2025	18:02	LB136697
	Cadmium	0.50	+/-3	U	6.00	P	08/04/2025	18:02	LB136697
	Calcium	234	+/-1000	U	2000	P	08/04/2025	18:02	LB136697
	Chromium	2.12	+/-5	U	10.0	P	08/04/2025	18:02	LB136697
	Cobalt	2.26	+/-15	U	30.0	P	08/04/2025	18:02	LB136697
	Copper	4.60	+/-10	U	20.0	P	08/04/2025	18:02	LB136697
	Iron	23.4	+/-50	U	100	P	08/04/2025	18:02	LB136697
	Lead	2.30	+/-6	U	12.0	P	08/04/2025	18:02	LB136697
	Magnesium	244	+/-1000	U	2000	P	08/04/2025	18:02	LB136697
	Manganese	5.94	+/-10	U	20.0	P	08/04/2025	18:02	LB136697
	Nickel	3.06	+/-20	U	40.0	P	08/04/2025	18:02	LB136697
	Potassium	918	+/-1000	U	2000	P	08/04/2025	18:02	LB136697
	Selenium	9.64	+/-10	U	20.0	P	08/04/2025	18:02	LB136697
	Silver	1.62	+/-5	U	10.0	P	08/04/2025	18:02	LB136697
	Sodium	868	+/-1000	U	2000	P	08/04/2025	18:02	LB136697
	Thallium	4.38	+/-20	U	40.0	P	08/04/2025	18:02	LB136697
	Vanadium	6.26	+/-20	U	40.0	P	08/04/2025	18:02	LB136697
	Zinc	16.7	+/-20	U	40.0	P	08/04/2025	18:02	LB136697

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q2743

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB169081BL		SOLID		Batch Number:	PB169081		Prep Date:	07/31/2025	
	Mercury	0.0080	<0.013	U	0.013	CV	08/01/2025	12:59	LB136668

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q2743

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB169096BL	SOLID			Batch Number:	PB169096		Prep Date:	08/04/2025	
	Aluminum	0.84	<2.5	U	5.00	P	08/04/2025	15:07	LB136697
	Antimony	0.22	<1.25	U	2.50	P	08/04/2025	15:07	LB136697
	Arsenic	0.19	<0.5	U	1.00	P	08/04/2025	15:07	LB136697
	Barium	0.73	<2.5	U	5.00	P	08/04/2025	15:07	LB136697
	Beryllium	0.025	<0.15	U	0.30	P	08/04/2025	15:07	LB136697
	Cadmium	0.024	<0.15	U	0.30	P	08/04/2025	15:07	LB136697
	Calcium	11.1	<50	U	100	P	08/04/2025	15:07	LB136697
	Chromium	0.047	<0.25	U	0.50	P	08/04/2025	15:07	LB136697
	Cobalt	0.10	<0.75	U	1.50	P	08/04/2025	15:07	LB136697
	Copper	0.22	<0.5	U	1.00	P	08/04/2025	15:07	LB136697
	Iron	3.99	<2.5	U	5.00	P	08/04/2025	15:07	LB136697
	Lead	0.13	<0.3	U	0.60	P	08/04/2025	15:07	LB136697
	Magnesium	12.0	<50	U	100	P	08/04/2025	15:07	LB136697
	Manganese	0.14	<0.5	U	1.00	P	08/04/2025	15:07	LB136697
	Nickel	0.13	<1	U	2.00	P	08/04/2025	15:07	LB136697
	Potassium	27.7	<50	U	100	P	08/04/2025	15:07	LB136697
	Selenium	0.26	<0.5	U	1.00	P	08/04/2025	15:07	LB136697
	Silver	0.12	<0.25	U	0.50	P	08/04/2025	15:07	LB136697
	Sodium	17.8	<50	U	100	P	08/04/2025	15:07	LB136697
	Thallium	0.23	<1	U	2.00	P	08/04/2025	15:07	LB136697
	Vanadium	0.25	<1	U	2.00	P	08/04/2025	15:07	LB136697
	Zinc	0.23	<1	U	2.00	P	08/04/2025	15:07	LB136697



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

SDG No.: Q2743

Contract: GENV01

Lab Code: ACE

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
ICV48	Mercury	3.88	4.0	97	90 - 110	CV	08/01/2025	12:22	LB136668

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

SDG No.: Q2743

Contract: GENV01

Lab Code: ACE

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
CCV73	Mercury	4.89	5.0	98	90 - 110	CV	08/01/2025	12:45	LB136668
CCV74	Mercury	4.68	5.0	94	90 - 110	CV	08/01/2025	13:15	LB136668
CCV75	Mercury	4.68	5.0	94	90 - 110	CV	08/01/2025	13:46	LB136668

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

SDG No.: Q2743

Contract: GENV01

Lab Code: ACE

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	7870	8000	98	90 - 110	P	08/04/2025	11:41	LB136697
	Antimony	4140	4000	104	90 - 110	P	08/04/2025	11:41	LB136697
	Arsenic	3970	4000	99	90 - 110	P	08/04/2025	11:41	LB136697
	Barium	7810	8000	98	90 - 110	P	08/04/2025	11:41	LB136697
	Beryllium	202	200	101	90 - 110	P	08/04/2025	11:41	LB136697
	Cadmium	1980	2000	99	90 - 110	P	08/04/2025	11:41	LB136697
	Calcium	19700	20000	98	90 - 110	P	08/04/2025	11:41	LB136697
	Chromium	812	800	102	90 - 110	P	08/04/2025	11:41	LB136697
	Cobalt	2010	2000	101	90 - 110	P	08/04/2025	11:41	LB136697
	Copper	1030	1000	103	90 - 110	P	08/04/2025	11:41	LB136697
	Iron	3980	4000	100	90 - 110	P	08/04/2025	11:41	LB136697
	Lead	4080	4000	102	90 - 110	P	08/04/2025	11:41	LB136697
	Magnesium	19700	20000	98	90 - 110	P	08/04/2025	11:41	LB136697
	Manganese	1980	2000	99	90 - 110	P	08/04/2025	11:41	LB136697
	Nickel	2010	2000	100	90 - 110	P	08/04/2025	11:41	LB136697
	Potassium	19600	20000	98	90 - 110	P	08/04/2025	11:41	LB136697
	Selenium	4000	4000	100	90 - 110	P	08/04/2025	11:41	LB136697
	Silver	982	1000	98	90 - 110	P	08/04/2025	11:41	LB136697
	Sodium	19500	20000	98	90 - 110	P	08/04/2025	11:41	LB136697
	Thallium	3970	4000	99	90 - 110	P	08/04/2025	11:41	LB136697
	Vanadium	2000	2000	100	90 - 110	P	08/04/2025	11:41	LB136697
	Zinc	2010	2000	100	90 - 110	P	08/04/2025	11:41	LB136697

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

SDG No.: Q2743

Contract: GENV01

Lab Code: ACE

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	114	100	114	80 - 120	P	08/04/2025	11:45	LB136697
	Antimony	52.5	50.0	105	80 - 120	P	08/04/2025	11:45	LB136697
	Arsenic	21.5	20.0	108	80 - 120	P	08/04/2025	11:45	LB136697
	Barium	106	100	106	80 - 120	P	08/04/2025	11:45	LB136697
	Beryllium	6.68	6.0	111	80 - 120	P	08/04/2025	11:45	LB136697
	Cadmium	6.26	6.0	104	80 - 120	P	08/04/2025	11:45	LB136697
	Calcium	2150	2000	108	80 - 120	P	08/04/2025	11:45	LB136697
	Chromium	8.92	10.0	89	80 - 120	P	08/04/2025	11:45	LB136697
	Cobalt	31.3	30.0	104	80 - 120	P	08/04/2025	11:45	LB136697
	Copper	22.7	20.0	114	80 - 120	P	08/04/2025	11:45	LB136697
	Iron	102	100	102	80 - 120	P	08/04/2025	11:45	LB136697
	Lead	12.4	12.0	103	80 - 120	P	08/04/2025	11:45	LB136697
	Magnesium	2310	2000	115	80 - 120	P	08/04/2025	11:45	LB136697
	Manganese	21.3	20.0	106	80 - 120	P	08/04/2025	11:45	LB136697
	Nickel	41.9	40.0	105	80 - 120	P	08/04/2025	11:45	LB136697
	Potassium	1960	2000	98	80 - 120	P	08/04/2025	11:45	LB136697
	Selenium	20.1	20.0	101	80 - 120	P	08/04/2025	11:45	LB136697
	Silver	10.7	10.0	106	80 - 120	P	08/04/2025	11:45	LB136697
	Sodium	1990	2000	100	80 - 120	P	08/04/2025	11:45	LB136697
	Thallium	45.0	40.0	112	80 - 120	P	08/04/2025	11:45	LB136697
	Vanadium	41.3	40.0	103	80 - 120	P	08/04/2025	11:45	LB136697
	Zinc	42.4	40.0	106	80 - 120	P	08/04/2025	11:45	LB136697

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

Contract: GENV01

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

SDG No.: Q2743

Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	9770	10000	98	90 - 110	P	08/04/2025	12:25	LB136697
	Antimony	5070	5000	101	90 - 110	P	08/04/2025	12:25	LB136697
	Arsenic	5060	5000	101	90 - 110	P	08/04/2025	12:25	LB136697
	Barium	9830	10000	98	90 - 110	P	08/04/2025	12:25	LB136697
	Beryllium	249	250	99	90 - 110	P	08/04/2025	12:25	LB136697
	Cadmium	2530	2500	101	90 - 110	P	08/04/2025	12:25	LB136697
	Calcium	24800	25000	99	90 - 110	P	08/04/2025	12:25	LB136697
	Chromium	969	1000	97	90 - 110	P	08/04/2025	12:25	LB136697
	Cobalt	2520	2500	101	90 - 110	P	08/04/2025	12:25	LB136697
	Copper	1270	1250	102	90 - 110	P	08/04/2025	12:25	LB136697
	Iron	4860	5000	97	90 - 110	P	08/04/2025	12:25	LB136697
	Lead	5010	5000	100	90 - 110	P	08/04/2025	12:25	LB136697
	Magnesium	24300	25000	97	90 - 110	P	08/04/2025	12:25	LB136697
	Manganese	2460	2500	98	90 - 110	P	08/04/2025	12:25	LB136697
	Nickel	2530	2500	101	90 - 110	P	08/04/2025	12:25	LB136697
	Potassium	24200	25000	97	90 - 110	P	08/04/2025	12:25	LB136697
	Selenium	5080	5000	102	90 - 110	P	08/04/2025	12:25	LB136697
	Silver	1220	1250	98	90 - 110	P	08/04/2025	12:25	LB136697
	Sodium	23900	25000	96	90 - 110	P	08/04/2025	12:25	LB136697
	Thallium	5080	5000	102	90 - 110	P	08/04/2025	12:25	LB136697
	Vanadium	2440	2500	98	90 - 110	P	08/04/2025	12:25	LB136697
	Zinc	2460	2500	98	90 - 110	P	08/04/2025	12:25	LB136697
CCV02	Aluminum	10200	10000	102	90 - 110	P	08/04/2025	13:37	LB136697
	Antimony	5070	5000	101	90 - 110	P	08/04/2025	13:37	LB136697
	Arsenic	5040	5000	101	90 - 110	P	08/04/2025	13:37	LB136697
	Barium	10100	10000	101	90 - 110	P	08/04/2025	13:37	LB136697
	Beryllium	261	250	104	90 - 110	P	08/04/2025	13:37	LB136697
	Cadmium	2530	2500	101	90 - 110	P	08/04/2025	13:37	LB136697
	Calcium	25700	25000	103	90 - 110	P	08/04/2025	13:37	LB136697
	Chromium	1000	1000	100	90 - 110	P	08/04/2025	13:37	LB136697
	Cobalt	2520	2500	101	90 - 110	P	08/04/2025	13:37	LB136697
	Copper	1270	1250	101	90 - 110	P	08/04/2025	13:37	LB136697
	Iron	4930	5000	99	90 - 110	P	08/04/2025	13:37	LB136697
	Lead	5020	5000	100	90 - 110	P	08/04/2025	13:37	LB136697

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

Contract: GENV01

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

SDG No.: Q2743

Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	25200	25000	101	90 - 110	P	08/04/2025	13:37	LB136697
	Manganese	2550	2500	102	90 - 110	P	08/04/2025	13:37	LB136697
	Nickel	2530	2500	101	90 - 110	P	08/04/2025	13:37	LB136697
	Potassium	24700	25000	99	90 - 110	P	08/04/2025	13:37	LB136697
	Selenium	5050	5000	101	90 - 110	P	08/04/2025	13:37	LB136697
	Silver	1250	1250	100	90 - 110	P	08/04/2025	13:37	LB136697
	Sodium	24500	25000	98	90 - 110	P	08/04/2025	13:37	LB136697
	Thallium	5120	5000	102	90 - 110	P	08/04/2025	13:37	LB136697
	Vanadium	2540	2500	102	90 - 110	P	08/04/2025	13:37	LB136697
	Zinc	2530	2500	101	90 - 110	P	08/04/2025	13:37	LB136697
CCV03	Aluminum	9430	10000	94	90 - 110	P	08/04/2025	14:43	LB136697
	Antimony	4990	5000	100	90 - 110	P	08/04/2025	14:43	LB136697
	Arsenic	4890	5000	98	90 - 110	P	08/04/2025	14:43	LB136697
	Barium	9740	10000	97	90 - 110	P	08/04/2025	14:43	LB136697
	Beryllium	236	250	94	90 - 110	P	08/04/2025	14:43	LB136697
	Cadmium	2310	2500	92	90 - 110	P	08/04/2025	14:43	LB136697
	Calcium	24400	25000	98	90 - 110	P	08/04/2025	14:43	LB136697
	Chromium	907	1000	91	90 - 110	P	08/04/2025	14:43	LB136697
	Cobalt	2320	2500	93	90 - 110	P	08/04/2025	14:43	LB136697
	Copper	1190	1250	95	90 - 110	P	08/04/2025	14:43	LB136697
	Iron	4990	5000	100	90 - 110	P	08/04/2025	14:43	LB136697
	Lead	4640	5000	93	90 - 110	P	08/04/2025	14:43	LB136697
	Magnesium	23000	25000	92	90 - 110	P	08/04/2025	14:43	LB136697
	Manganese	2400	2500	96	90 - 110	P	08/04/2025	14:43	LB136697
	Nickel	2330	2500	93	90 - 110	P	08/04/2025	14:43	LB136697
	Potassium	25100	25000	100	90 - 110	P	08/04/2025	14:43	LB136697
	Selenium	5050	5000	101	90 - 110	P	08/04/2025	14:43	LB136697
	Silver	1210	1250	97	90 - 110	P	08/04/2025	14:43	LB136697
	Sodium	23600	25000	94	90 - 110	P	08/04/2025	14:43	LB136697
	Thallium	5420	5000	108	90 - 110	P	08/04/2025	14:43	LB136697
	Vanadium	2380	2500	95	90 - 110	P	08/04/2025	14:43	LB136697
	Zinc	2550	2500	102	90 - 110	P	08/04/2025	14:43	LB136697
CCV04	Aluminum	9680	10000	97	90 - 110	P	08/04/2025	15:48	LB136697
	Antimony	5060	5000	101	90 - 110	P	08/04/2025	15:48	LB136697

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

Contract: GENV01

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

SDG No.: Q2743

Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4930	5000	99	90 - 110	P	08/04/2025	15:48	LB136697
	Barium	10100	10000	101	90 - 110	P	08/04/2025	15:48	LB136697
	Beryllium	247	250	99	90 - 110	P	08/04/2025	15:48	LB136697
	Cadmium	2340	2500	94	90 - 110	P	08/04/2025	15:48	LB136697
	Calcium	25200	25000	101	90 - 110	P	08/04/2025	15:48	LB136697
	Chromium	916	1000	92	90 - 110	P	08/04/2025	15:48	LB136697
	Cobalt	2360	2500	94	90 - 110	P	08/04/2025	15:48	LB136697
	Copper	1210	1250	96	90 - 110	P	08/04/2025	15:48	LB136697
	Iron	4900	5000	98	90 - 110	P	08/04/2025	15:48	LB136697
	Lead	4720	5000	94	90 - 110	P	08/04/2025	15:48	LB136697
	Magnesium	23600	25000	94	90 - 110	P	08/04/2025	15:48	LB136697
	Manganese	2460	2500	98	90 - 110	P	08/04/2025	15:48	LB136697
	Nickel	2370	2500	95	90 - 110	P	08/04/2025	15:48	LB136697
	Potassium	24600	25000	98	90 - 110	P	08/04/2025	15:48	LB136697
	Selenium	5070	5000	101	90 - 110	P	08/04/2025	15:48	LB136697
	Silver	1230	1250	98	90 - 110	P	08/04/2025	15:48	LB136697
	Sodium	23200	25000	93	90 - 110	P	08/04/2025	15:48	LB136697
	Thallium	5360	5000	107	90 - 110	P	08/04/2025	15:48	LB136697
	Vanadium	2430	2500	97	90 - 110	P	08/04/2025	15:48	LB136697
	Zinc	2530	2500	101	90 - 110	P	08/04/2025	15:48	LB136697
CCV05	Aluminum	9770	10000	98	90 - 110	P	08/04/2025	16:51	LB136697
	Antimony	5190	5000	104	90 - 110	P	08/04/2025	16:51	LB136697
	Arsenic	5050	5000	101	90 - 110	P	08/04/2025	16:51	LB136697
	Barium	10200	10000	102	90 - 110	P	08/04/2025	16:51	LB136697
	Beryllium	249	250	99	90 - 110	P	08/04/2025	16:51	LB136697
	Cadmium	2360	2500	94	90 - 110	P	08/04/2025	16:51	LB136697
	Calcium	25400	25000	102	90 - 110	P	08/04/2025	16:51	LB136697
	Chromium	925	1000	92	90 - 110	P	08/04/2025	16:51	LB136697
	Cobalt	2390	2500	96	90 - 110	P	08/04/2025	16:51	LB136697
	Copper	1220	1250	98	90 - 110	P	08/04/2025	16:51	LB136697
	Iron	5040	5000	101	90 - 110	P	08/04/2025	16:51	LB136697
	Lead	4760	5000	95	90 - 110	P	08/04/2025	16:51	LB136697
	Magnesium	23700	25000	95	90 - 110	P	08/04/2025	16:51	LB136697
	Manganese	2490	2500	100	90 - 110	P	08/04/2025	16:51	LB136697

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

Contract: GENV01

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

SDG No.: Q2743

Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2400	2500	96	90 - 110	P	08/04/2025	16:51	LB136697
	Potassium	26000	25000	104	90 - 110	P	08/04/2025	16:51	LB136697
	Selenium	5200	5000	104	90 - 110	P	08/04/2025	16:51	LB136697
	Silver	1250	1250	100	90 - 110	P	08/04/2025	16:51	LB136697
	Sodium	22900	25000	92	90 - 110	P	08/04/2025	16:51	LB136697
	Thallium	5470	5000	109	90 - 110	P	08/04/2025	16:51	LB136697
	Vanadium	2460	2500	98	90 - 110	P	08/04/2025	16:51	LB136697
	Zinc	2550	2500	102	90 - 110	P	08/04/2025	16:51	LB136697
CCV06	Aluminum	10200	10000	102	90 - 110	P	08/04/2025	17:41	LB136697
	Antimony	5340	5000	107	90 - 110	P	08/04/2025	17:41	LB136697
	Arsenic	5210	5000	104	90 - 110	P	08/04/2025	17:41	LB136697
	Barium	10500	10000	105	90 - 110	P	08/04/2025	17:41	LB136697
	Beryllium	257	250	103	90 - 110	P	08/04/2025	17:41	LB136697
	Cadmium	2460	2500	98	90 - 110	P	08/04/2025	17:41	LB136697
	Calcium	26000	25000	104	90 - 110	P	08/04/2025	17:41	LB136697
	Chromium	982	1000	98	90 - 110	P	08/04/2025	17:41	LB136697
	Cobalt	2470	2500	99	90 - 110	P	08/04/2025	17:41	LB136697
	Copper	1260	1250	101	90 - 110	P	08/04/2025	17:41	LB136697
	Iron	5210	5000	104	90 - 110	P	08/04/2025	17:41	LB136697
	Lead	4950	5000	99	90 - 110	P	08/04/2025	17:41	LB136697
	Magnesium	24800	25000	99	90 - 110	P	08/04/2025	17:41	LB136697
	Manganese	2570	2500	103	90 - 110	P	08/04/2025	17:41	LB136697
	Nickel	2480	2500	99	90 - 110	P	08/04/2025	17:41	LB136697
	Potassium	26600	25000	107	90 - 110	P	08/04/2025	17:41	LB136697
	Selenium	5380	5000	108	90 - 110	P	08/04/2025	17:41	LB136697
	Silver	1300	1250	104	90 - 110	P	08/04/2025	17:41	LB136697
	Sodium	24600	25000	98	90 - 110	P	08/04/2025	17:41	LB136697
	Thallium	5640	5000	113	90 - 110	P	08/04/2025	17:41	LB136697
	Vanadium	2550	2500	102	90 - 110	P	08/04/2025	17:41	LB136697
	Zinc	2610	2500	104	90 - 110	P	08/04/2025	17:41	LB136697
CCV07	Aluminum	10200	10000	102	90 - 110	P	08/04/2025	17:58	LB136697
	Antimony	5300	5000	106	90 - 110	P	08/04/2025	17:58	LB136697
	Arsenic	5180	5000	104	90 - 110	P	08/04/2025	17:58	LB136697
	Barium	10500	10000	105	90 - 110	P	08/04/2025	17:58	LB136697

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

SDG No.: Q2743

Contract: GENV01

Lab Code: ACE

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
CCV07	Beryllium	257	250	103	90 - 110	P	08/04/2025	17:58	LB136697
	Cadmium	2460	2500	98	90 - 110	P	08/04/2025	17:58	LB136697
	Calcium	26000	25000	104	90 - 110	P	08/04/2025	17:58	LB136697
	Chromium	966	1000	97	90 - 110	P	08/04/2025	17:58	LB136697
	Cobalt	2480	2500	99	90 - 110	P	08/04/2025	17:58	LB136697
	Copper	1260	1250	101	90 - 110	P	08/04/2025	17:58	LB136697
	Iron	5150	5000	103	90 - 110	P	08/04/2025	17:58	LB136697
	Lead	4950	5000	99	90 - 110	P	08/04/2025	17:58	LB136697
	Magnesium	24800	25000	99	90 - 110	P	08/04/2025	17:58	LB136697
	Manganese	2570	2500	103	90 - 110	P	08/04/2025	17:58	LB136697
	Nickel	2490	2500	99	90 - 110	P	08/04/2025	17:58	LB136697
	Potassium	25800	25000	103	90 - 110	P	08/04/2025	17:58	LB136697
	Selenium	5300	5000	106	90 - 110	P	08/04/2025	17:58	LB136697
	Silver	1280	1250	103	90 - 110	P	08/04/2025	17:58	LB136697
	Sodium	24600	25000	98	90 - 110	P	08/04/2025	17:58	LB136697
	Thallium	5470	5000	110	90 - 110	P	08/04/2025	17:58	LB136697
	Vanadium	2560	2500	102	90 - 110	P	08/04/2025	17:58	LB136697
	Zinc	2580	2500	103	90 - 110	P	08/04/2025	17:58	LB136697

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: G Environmental

SDG No.: Q2743

Contract: GENV01

Lab Code: ACE

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	0.22	0.2	109	70 - 130	CV	08/01/2025	12:49	LB136668
CRI01	Aluminum	111	100	112	65 - 135	P	08/04/2025	11:57	LB136697
	Antimony	52.6	50.0	105	65 - 135	P	08/04/2025	11:57	LB136697
	Arsenic	20.1	20.0	101	65 - 135	P	08/04/2025	11:57	LB136697
	Barium	103	100	103	65 - 135	P	08/04/2025	11:57	LB136697
	Beryllium	6.41	6.0	107	65 - 135	P	08/04/2025	11:57	LB136697
	Cadmium	6.14	6.0	102	65 - 135	P	08/04/2025	11:57	LB136697
	Calcium	2080	2000	104	65 - 135	P	08/04/2025	11:57	LB136697
	Chromium	9.85	10.0	98	65 - 135	P	08/04/2025	11:57	LB136697
	Cobalt	31.2	30.0	104	65 - 135	P	08/04/2025	11:57	LB136697
	Copper	22.9	20.0	115	65 - 135	P	08/04/2025	11:57	LB136697
	Iron	111	100	111	65 - 135	P	08/04/2025	11:57	LB136697
	Lead	11.2	12.0	93	65 - 135	P	08/04/2025	11:57	LB136697
	Magnesium	2210	2000	110	65 - 135	P	08/04/2025	11:57	LB136697
	Manganese	20.5	20.0	103	65 - 135	P	08/04/2025	11:57	LB136697
	Nickel	41.8	40.0	105	65 - 135	P	08/04/2025	11:57	LB136697
	Potassium	2030	2000	101	65 - 135	P	08/04/2025	11:57	LB136697
	Selenium	22.0	20.0	110	65 - 135	P	08/04/2025	11:57	LB136697
	Silver	11.1	10.0	110	65 - 135	P	08/04/2025	11:57	LB136697
	Sodium	2030	2000	102	65 - 135	P	08/04/2025	11:57	LB136697
	Thallium	46.4	40.0	116	65 - 135	P	08/04/2025	11:57	LB136697
	Vanadium	43.2	40.0	108	65 - 135	P	08/04/2025	11:57	LB136697
	Zinc	44.8	40.0	112	65 - 135	P	08/04/2025	11:57	LB136697

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>G Environmental</u>	SDG No.: <u>Q2743</u>
Contract: <u>GENV01</u>	Lab Code: <u>ACE</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
ICSA01	Aluminum	249000	255000	98	216000	294000	08/04/2025	12:01	LB136697
	Antimony	-4.94			-50	50	08/04/2025	12:01	LB136697
	Arsenic	9.45			-20	20	08/04/2025	12:01	LB136697
	Barium	6.24	6.0	104	-94	106	08/04/2025	12:01	LB136697
	Beryllium	1.74			-6	6	08/04/2025	12:01	LB136697
	Cadmium	-0.56	1.0	56	-5	7	08/04/2025	12:01	LB136697
	Calcium	238000	245000	97	208000	282000	08/04/2025	12:01	LB136697
	Chromium	56.1	52.0	108	42	62	08/04/2025	12:01	LB136697
	Cobalt	2.22			-30	30	08/04/2025	12:01	LB136697
	Copper	10.5	2.0	524	-18	22	08/04/2025	12:01	LB136697
	Iron	98400	101000	97	85600	116500	08/04/2025	12:01	LB136697
	Lead	-8.46			-12	12	08/04/2025	12:01	LB136697
	Magnesium	249000	255000	98	216000	294000	08/04/2025	12:01	LB136697
	Manganese	6.59	7.0	94	-13	27	08/04/2025	12:01	LB136697
	Nickel	4.92	2.0	246	-38	42	08/04/2025	12:01	LB136697
	Potassium	115			0	0	08/04/2025	12:01	LB136697
	Selenium	0.23			-20	20	08/04/2025	12:01	LB136697
	Silver	2.22			-10	10	08/04/2025	12:01	LB136697
	Sodium	115			0	0	08/04/2025	12:01	LB136697
	Thallium	14.6			-40	40	08/04/2025	12:01	LB136697
	Vanadium	2.99			-40	40	08/04/2025	12:01	LB136697
	Zinc	0.33			-40	40	08/04/2025	12:01	LB136697
ICSAB01	Aluminum	257000	247000	104	209000	285000	08/04/2025	12:05	LB136697
	Antimony	599	618	97	525	711	08/04/2025	12:05	LB136697
	Arsenic	106	104	102	88.4	120	08/04/2025	12:05	LB136697
	Barium	510	537	95	437	637	08/04/2025	12:05	LB136697
	Beryllium	508	495	103	420	570	08/04/2025	12:05	LB136697
	Cadmium	983	972	101	826	1120	08/04/2025	12:05	LB136697
	Calcium	244000	235000	104	199000	271000	08/04/2025	12:05	LB136697
	Chromium	553	542	102	460	624	08/04/2025	12:05	LB136697
	Cobalt	498	476	105	404	548	08/04/2025	12:05	LB136697
	Copper	490	511	96	434	588	08/04/2025	12:05	LB136697
	Iron	101000	99300	102	84400	114500	08/04/2025	12:05	LB136697
	Lead	37.5	49.0	76	37	61	08/04/2025	12:05	LB136697
	Magnesium	257000	248000	104	210000	286000	08/04/2025	12:05	LB136697
	Manganese	499	507	98	430	584	08/04/2025	12:05	LB136697
	Nickel	988	954	104	810	1100	08/04/2025	12:05	LB136697
	Potassium	13.8			0	0	08/04/2025	12:05	LB136697
	Selenium	42.1	46.0	92	26	66	08/04/2025	12:05	LB136697
	Silver	214	201	106	170	232	08/04/2025	12:05	LB136697
	Sodium	94.2			0	0	08/04/2025	12:05	LB136697
	Thallium	106	108	98	68	148	08/04/2025	12:05	LB136697

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>G Environmental</u>	SDG No.: <u>Q2743</u>
Contract: <u>GENV01</u>	Lab Code: <u>ACE</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	490	491	100	417	565	08/04/2025	12:05	LB136697
	Zinc	1020	952	107	809	1095	08/04/2025	12:05	LB136697



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>G Environmental</u>	level: <u>low</u>	sdg no.: <u>Q2743</u>
contract: <u>GENV01</u>		lab code: <u>ACE</u>
matrix: <u>Solid</u>	sample id: <u>Q2728-01</u>	client id: <u>7211931-VNJ240MS</u>
Percent Solids for Sample: 93.8	Spiked ID: Q2728-01MS	Percent Solids for Spike Sample: 93.8

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.40		0.15		0.26	95		CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client:	G Environmental	level:	low	sdg no.:	Q2743
contract:	GENV01	lab code:	ACE		
matrix:	Solid	sample id:	Q2728-01	client id:	7211931-VNJ240MSD
Percent Solids for Sample:	93.8	Spiked ID:	Q2728-01MSD	Percent Solids for Spike Sample:	93.8

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.40		0.15		0.27	93		CV

metals
- 5a -
MATRIX SPIKE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q2743
contract: GENV01 **lab code:** ACE
matrix: Solid **sample id:** Q2740-01 **client id:** OR-02-07312025MS

Percent Solids for Sample: 94.6 **Spiked ID:** Q2740-01MS **Percent Solids for Spike Sample:** 94.6

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	6350		5580		94.8	813		P
Antimony	mg/Kg	75 - 125	16.7		2.45	U	37.9	44	N	P
Arsenic	mg/Kg	75 - 125	35.5		2.94		37.9	86		P
Barium	mg/Kg	75 - 125	33.6		24.4		9.5	97		P
Beryllium	mg/Kg	75 - 125	8.40		0.39		9.5	84		P
Cadmium	mg/Kg	75 - 125	9.02		0.066	J	9.5	94		P
Calcium	mg/Kg	75 - 125	2210		2000		47.4	432		P
Chromium	mg/Kg	75 - 125	23.1		7.11		19.0	84		P
Cobalt	mg/Kg	75 - 125	14.1		4.40		9.5	102		P
Copper	mg/Kg	75 - 125	25.4		11.9		14.2	95		P
Iron	mg/Kg	75 - 125	11000		10500		140	375		P
Lead	mg/Kg	75 - 125	57.6		13.9		47.4	92		P
Magnesium	mg/Kg	75 - 125	2250		1990		94.8	272		P
Manganese	mg/Kg	75 - 125	195		164		9.5	330		P
Nickel	mg/Kg	75 - 125	31.4		7.93		23.7	99		P
Potassium	mg/Kg	75 - 125	823		413		470	87		P
Selenium	mg/Kg	75 - 125	81.0		0.98	U	94.8	85		P
Silver	mg/Kg	75 - 125	3.54		0.37	J	3.6	88		P
Sodium	mg/Kg	75 - 125	494		367		140	91		P
Thallium	mg/Kg	75 - 125	100		1.96	U	94.8	106		P
Vanadium	mg/Kg	75 - 125	28.2		14.8		14.2	94		P
Zinc	mg/Kg	75 - 125	35.3		25.8		9.5	100		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>G Environmental</u>	level: <u>low</u>	sdg no.: <u>Q2743</u>
contract: <u>GENV01</u>		lab code: <u>ACE</u>
matrix: <u>Solid</u>	sample id: <u>Q2740-01</u>	client id: <u>OR-02-07312025MSD</u>
Percent Solids for Sample: 94.6	Spiked ID: Q2740-01MSD	Percent Solids for Spike Sample: 94.6

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	5970		5580		85.9	457		P
Antimony	mg/Kg	75 - 125	14.1		2.45	U	34.4	41	N	P
Arsenic	mg/Kg	75 - 125	31.6		2.94		34.4	83		P
Barium	mg/Kg	75 - 125	30.8		24.4		8.6	75		P
Beryllium	mg/Kg	75 - 125	7.43		0.39		8.6	82		P
Cadmium	mg/Kg	75 - 125	8.00		0.066	J	8.6	92		P
Calcium	mg/Kg	75 - 125	2740		2000		43.0	1725		P
Chromium	mg/Kg	75 - 125	20.3		7.11		17.2	77		P
Cobalt	mg/Kg	75 - 125	12.9		4.40		8.6	99		P
Copper	mg/Kg	75 - 125	24.1		11.9		12.9	95		P
Iron	mg/Kg	75 - 125	10500		10500		130	-52		P
Lead	mg/Kg	75 - 125	52.8		13.9		43.0	90		P
Magnesium	mg/Kg	75 - 125	2430		1990		85.9	510		P
Manganese	mg/Kg	75 - 125	174		164		8.6	121		P
Nickel	mg/Kg	75 - 125	28.5		7.93		21.5	96		P
Potassium	mg/Kg	75 - 125	770		413		430	83		P
Selenium	mg/Kg	75 - 125	71.9		0.98	U	85.9	84		P
Silver	mg/Kg	75 - 125	3.09		0.37	J	3.2	85		P
Sodium	mg/Kg	75 - 125	471		367		130	80		P
Thallium	mg/Kg	75 - 125	90.1		1.96	U	85.9	105		P
Vanadium	mg/Kg	75 - 125	26.1		14.8		12.9	88		P
Zinc	mg/Kg	75 - 125	33.9		25.8		8.6	94		P

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: G Environmental

SDG No.: Q2743

Contract: GENV01

Lab Code: ACE

Matrix: Solid

Level: LOW

Client ID: OR-02-07312025A

Sample ID: Q2740-01 **Spiked ID:** Q2740-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	75 - 125	37.0		2.45	U	39.2	94		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>G Environmental</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q2743</u>
Contract:	<u>GENV01</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q2728-01</u>	Client ID:	<u>7211931-VNJ240DUP</u>
Percent Solids for Sample:	93.8	Duplicate ID	Q2728-01DUP	Percent Solids for Spike Sample:	93.8

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.15		0.16		9		CV

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>G Environmental</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q2743</u>
Contract:	<u>GENV01</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q2728-01MS</u>	Client ID:	<u>7211931-VNJ240MSD</u>
Percent Solids for Sample:	93.8	Duplicate ID	Q2728-01MSD	Percent Solids for Spike Sample:	93.8

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.40		0.40		1		CV

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>G Environmental</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q2743</u>
Contract:	<u>GENV01</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q2740-01</u>	Client ID:	<u>OR-02-07312025DUP</u>
Percent Solids for Sample:	94.6	Duplicate ID	Q2740-01DUP	Percent Solids for Spike Sample:	94.6

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	5580		5660		1		P
Antimony	mg/Kg	20	2.45	U	2.44	U			P
Arsenic	mg/Kg	20	2.94		2.86		3		P
Barium	mg/Kg	20	24.4		24.1		1		P
Beryllium	mg/Kg	20	0.39		0.39		0		P
Cadmium	mg/Kg	20	0.066	J	0.079	J	18		P
Calcium	mg/Kg	20	2000		2380		17		P
Chromium	mg/Kg	20	7.11		7.15		1		P
Cobalt	mg/Kg	20	4.40		4.56		4		P
Copper	mg/Kg	20	11.9		12.9		8		P
Iron	mg/Kg	20	10500		10600		1		P
Lead	mg/Kg	20	13.9		15.4		10		P
Magnesium	mg/Kg	20	1990		2170		9		P
Manganese	mg/Kg	20	164		175		6		P
Nickel	mg/Kg	20	7.93		8.05		2		P
Potassium	mg/Kg	20	413		387		7		P
Selenium	mg/Kg	20	0.98	U	0.97	U			P
Silver	mg/Kg	20	0.37	J	0.36	J	4		P
Sodium	mg/Kg	20	367		366		0		P
Thallium	mg/Kg	20	1.96	U	1.95	U			P
Vanadium	mg/Kg	20	14.8		15.1		2		P
Zinc	mg/Kg	20	25.8		25.2		2		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>G Environmental</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q2743</u>
Contract:	<u>GENV01</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q2740-01MS</u>	Client ID:	<u>OR-02-07312025MSD</u>
Percent Solids for Sample:	94.6	Duplicate ID	Q2740-01MSD	Percent Solids for Spike Sample:	94.6

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	6350		5970		6		P
Antimony	mg/Kg	20	16.7		14.1		17		P
Arsenic	mg/Kg	20	35.5		31.6		12		P
Barium	mg/Kg	20	33.6		30.8		9		P
Beryllium	mg/Kg	20	8.40		7.43		12		P
Cadmium	mg/Kg	20	9.02		8.00		12		P
Calcium	mg/Kg	20	2210		2740		21	*	P
Chromium	mg/Kg	20	23.1		20.3		13		P
Cobalt	mg/Kg	20	14.1		12.9		9		P
Copper	mg/Kg	20	25.4		24.1		5		P
Iron	mg/Kg	20	11000		10500		5		P
Lead	mg/Kg	20	57.6		52.8		9		P
Magnesium	mg/Kg	20	2250		2430		8		P
Manganese	mg/Kg	20	195		174		11		P
Nickel	mg/Kg	20	31.4		28.5		10		P
Potassium	mg/Kg	20	823		770		7		P
Selenium	mg/Kg	20	81.0		71.9		12		P
Silver	mg/Kg	20	3.54		3.09		14		P
Sodium	mg/Kg	20	494		471		5		P
Thallium	mg/Kg	20	100		90.1		10		P
Vanadium	mg/Kg	20	28.2		26.1		8		P
Zinc	mg/Kg	20	35.3		33.9		4		P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental

SDG No.: Q2743

Contract: GENV01

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169081BS Mercury	mg/Kg	0.26	0.27		103	80 - 120	CV

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client:	<u>G Environmental</u>	SDG No.:	<u>Q2743</u>
Contract:	<u>GENV01</u>	Lab Code:	<u>ACE</u>

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169096BS							
Aluminum	mg/Kg	100	104		104	80 - 120	P
Antimony	mg/Kg	40.0	44.3		111	80 - 120	P
Arsenic	mg/Kg	40.0	42.0		105	80 - 120	P
Barium	mg/Kg	10.0	10.7		107	80 - 120	P
Beryllium	mg/Kg	10.0	10.9		110	80 - 120	P
Cadmium	mg/Kg	10.0	9.72		97	80 - 120	P
Calcium	mg/Kg	50.0	55.5	J	111	80 - 120	P
Chromium	mg/Kg	20.0	19.7		98	80 - 120	P
Cobalt	mg/Kg	10.0	10.1		101	80 - 120	P
Copper	mg/Kg	15.0	16.2		108	80 - 120	P
Iron	mg/Kg	150	159		106	80 - 120	P
Lead	mg/Kg	50.0	49.4		99	80 - 120	P
Magnesium	mg/Kg	100	103		103	80 - 120	P
Manganese	mg/Kg	10.0	10.6		106	80 - 120	P
Nickel	mg/Kg	25.0	25.4		102	80 - 120	P
Potassium	mg/Kg	500	523		105	80 - 120	P
Selenium	mg/Kg	100	110		110	80 - 120	P
Silver	mg/Kg	3.8	4.05		107	80 - 120	P
Sodium	mg/Kg	150	148		99	80 - 120	P
Thallium	mg/Kg	100	113		113	80 - 120	P
Vanadium	mg/Kg	15.0	15.3		102	80 - 120	P
Zinc	mg/Kg	10.0	11.1		111	80 - 120	P

Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

7211931-VNJ240L

Lab Name: Alliance

Contract: GENV01

Lab Code: ACE

Lb No.: lb136668

Lab Sample ID : Q2728-01L

SDG No.: Q2743

Matrix (soil/water): Solid

Level (low/med): LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I) C	Serial Dilution Result (S) C	% Differ- ence	Q	M
Mercury	0.15	0.067 U	100.0		CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

OR-02-07312025L

Lab Name: Alliance **Contract:** GENV01
Lab Code: ACE **Lb No.:** lb136697 **Lab Sample ID :** Q2740-01L **SDG No.:** Q2743
Matrix (soil/water): Solid **Level (low/med):** LOW
Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ- ence	Q	M
Aluminum	5580		6690		20		P
Antimony	2.45	U	12.2	U			P
Arsenic	2.94		2.80	J	5		P
Barium	24.4		29.3		20		P
Beryllium	0.39		0.50	J	29		P
Cadmium	0.066	J	1.47	U	100.0		P
Calcium	2000		2460		23		P
Chromium	7.11		8.27		16		P
Cobalt	4.40		4.57	J	4		P
Copper	11.9		14.5		22		P
Iron	10500		12600		20		P
Lead	13.9		14.9		7		P
Magnesium	1990		2460		23		P
Manganese	164		202		23		P
Nickel	7.93		8.28	J	4		P
Potassium	413		535		29		P
Selenium	0.98	U	4.89	U			P
Silver	0.37	J	2.45	U	100.0		P
Sodium	367		444	J	21		P
Thallium	1.96	U	9.79	U			P
Vanadium	14.8		17.9		21		P
Zinc	25.8		30.7		19		P

metals
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ANALYSIS RUN LOG

Client: G Environmental

Contract: GENV01

Lab code: ACE

Sdg no.: Q2743

Instrument id number: _____

Method: _____

Run number: LB136668

Start date: 08/01/2025

End date: 08/01/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1148	HG
S0.2	S0.2	1	1156	HG
S2.5	S2.5	1	1205	HG
S5	S5	1	1210	HG
S7.5	S7.5	1	1212	HG
S10	S10	1	1219	HG
ICV48	ICV48	1	1222	HG
ICB48	ICB48	1	1242	HG
CCV73	CCV73	1	1245	HG
CCB73	CCB73	1	1247	HG
CRA	CRA	1	1249	HG
PB169081BL	PB169081BL	1	1259	HG
PB169081BS	PB169081BS	1	1301	HG
Q2728-01DUP	7211931-VNJ240DUP	1	1308	HG
Q2728-01MS	7211931-VNJ240MS	1	1310	HG
Q2728-01MSD	7211931-VNJ240MSD	1	1313	HG
CCV74	CCV74	1	1315	HG
CCB74	CCB74	1	1322	HG
Q2728-01L	7211931-VNJ240L	5	1326	HG
Q2743-01	WC1	10	1344	HG
CCV75	CCV75	1	1346	HG
CCB75	CCB75	1	1349	HG

metals
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ANALYSIS RUN LOG

Client: G Environmental

Contract: GENV01

Lab code: ACE

Sdg no.: Q2743

Instrument id number: _____

Method: _____

Run number: LB136697

Start date: 08/04/2025

End date: 08/04/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1115	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	1120	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	1124	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	1128	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	1132	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	1136	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	1141	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	1145	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	1152	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	1157	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	1201	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	1205	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	1225	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	1229	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	1337	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	1341	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2743-01	WC1	1	1425	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1443	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	1454	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB169096BL	PB169096BL	1	1507	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2740-01DUP	OR-02-07312025DUP	1	1519	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2740-01L	OR-02-07312025L	5	1523	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2740-01MS	OR-02-07312025MS	1	1527	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2740-01MSD	OR-02-07312025MSD	1	1531	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2740-01A	OR-02-07312025A	1	1535	Sb
PB169096BS	PB169096BS	1	1539	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	1548	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	1553	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1651	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1655	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1741	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1745	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	1758	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	1802	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.: Q2743

Contract: GENV01

Lab Code: ACE

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 INTERELEMEN CORRECTION FACTORS

Client: G Environmental

SDG No.: Q2743

Contract: GENV01

Lab Code: ACE

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.: Q2743

Contract: GENV01

Lab Code: ACE

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 INTERELEMEN CORRECTION FACTORS

Client: G Environmental

SDG No.: Q2743

Contract: GENV01

Lab Code: ACE

Instrument ID: _____

Date: _____

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement 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 INTERELEMENT CORRECTION FACTORS

Client: G Environmental

SDG No.: Q2743

Contract: GENV01

Lab Code: ACE

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement 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:	Q2743	OrderDate:	7/31/2025 4:05:00 PM
Client:	G Environmental	Project:	Capra
Contact:	Gary Landis	Location:	O13,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2743-01	WC1	SOIL			07/31/25			07/31/25
			Mercury	7471B		07/31/25	08/01/25	
			Metals ICP-TAL	6010D		08/04/25	08/04/25	



METAL PREPARATION & ANALYICAL SUMMARY

Metals

- 13 -

SAMPLE PREPARATION SUMMARY

Client: G Environmental

SDG No.: Q2743

Contract: GENV01

Lab Code: ACE

Method: _____

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB169081							
PB169081BL	PB169081BL	MB	SOLID	07/31/2025	0.52	35.0	100.00
PB169081BS	PB169081BS	LCS	SOLID	07/31/2025	0.54	35.0	100.00
Q2728-01DUP	7211931-VNJ240DUP	DUP	SOLID	07/31/2025	0.55	35.0	93.80
Q2728-01MS	7211931-VNJ240MS	MS	SOLID	07/31/2025	0.57	35.0	93.80
Q2728-01MSD	7211931-VNJ240MSD	MSD	SOLID	07/31/2025	0.55	35.0	93.80
Q2743-01	WC1	SAM	SOLID	07/31/2025	0.53	35.0	78.30

Metals

- 13 -

SAMPLE PREPARATION SUMMARY

Client: G Environmental

SDG No.: Q2743

Contract: GENV01

Lab Code: ACE

Method: _____

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB169096							
PB169096BL	PB169096BL	MB	SOLID	08/04/2025	2.00	100.0	100.00
PB169096BS	PB169096BS	LCS	SOLID	08/04/2025	2.00	100.0	100.00
Q2740-01DUP	OR-02-07312025DUP	DUP	SOLID	08/04/2025	2.17	100.0	94.60
Q2740-01MS	OR-02-07312025MS	MS	SOLID	08/04/2025	2.23	100.0	94.60
Q2740-01MSD	OR-02-07312025MSD	MSD	SOLID	08/04/2025	2.46	100.0	94.60
Q2743-01	WC1	SAM	SOLID	08/04/2025	2.23	100.0	78.30

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB136668

Review By	jaswal	Review On	8/1/2025 5:13:44 PM
Supervise By	mohan	Supervise On	8/11/2025 8:13:44 AM
STD. NAME	STD REF.#		
ICAL Standard	MP86570,MP86572,MP86573,MP86575,MP86576,MP86577		
ICV Standard	MP86578		
CCV Standard	MP86580		
ICSA Standard			
CRI Standard	MP86582		
LCS Standard			
Chk Standard	MP86579,MP86581,MP86583,MP86587		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	08/01/25 11:48		MOHAN	OK
2	S0.2	S0.2	CAL2	08/01/25 11:56		MOHAN	OK
3	S2.5	S2.5	CAL3	08/01/25 12:05		MOHAN	OK
4	S5	S5	CAL4	08/01/25 12:10		MOHAN	OK
5	S7.5	S7.5	CAL5	08/01/25 12:12		MOHAN	OK
6	S10	S10	CAL6	08/01/25 12:19		MOHAN	OK
7	ICV48	ICV48	ICV	08/01/25 12:22		MOHAN	OK
8	ICB48	ICB48	ICB	08/01/25 12:42		MOHAN	OK
9	CCV73	CCV73	CCV	08/01/25 12:45		MOHAN	OK
10	CCB73	CCB73	CCB	08/01/25 12:47		MOHAN	OK
11	CRA	CRA	CRDL	08/01/25 12:49		MOHAN	OK
12	HighStd	HighStd	HIGH STD	08/01/25 12:51		MOHAN	OK
13	ChkStd	ChkStd	SAM	08/01/25 12:54		MOHAN	OK
14	PB169081BL	PB169081BL	MB	08/01/25 12:59		MOHAN	OK
15	PB169081BS	PB169081BS	LCS	08/01/25 13:01		MOHAN	OK
16	Q2726-01	WBR-PBO	SAM	08/01/25 13:03		MOHAN	OK
17	Q2728-01	7211931-VNJ240	SAM	08/01/25 13:06		MOHAN	OK
18	Q2728-01DUP	7211931-VNJ240DUP	DUP	08/01/25 13:08		MOHAN	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB136668

Review By	jaswal	Review On	8/1/2025 5:13:44 PM
Supervise By	mohan	Supervise On	8/11/2025 8:13:44 AM
STD. NAME	STD REF.#		
ICAL Standard	MP86570,MP86572,MP86573,MP86575,MP86576,MP86577		
ICV Standard	MP86578		
CCV Standard	MP86580		
ICSA Standard			
CRI Standard	MP86582		
LCS Standard			
Chk Standard	MP86579,MP86581,MP86583,MP86587		

19	Q2728-01MS	7211931-VNJ240MS	MS	08/01/25 13:10		MOHAN	OK
20	Q2728-01MSD	7211931-VNJ240MSD	MSD	08/01/25 13:13		MOHAN	OK
21	CCV74	CCV74	CCV	08/01/25 13:15		MOHAN	OK
22	CCB74	CCB74	CCB	08/01/25 13:22		MOHAN	OK
23	Q2743-01	WC1	SAM	08/01/25 13:24	Hg is high	MOHAN	Dilution
24	Q2728-01L	7211931-VNJ240L	SD	08/01/25 13:26		MOHAN	OK
25	Q2728-01A	7211931-VNJ240A	PS	08/01/25 13:29		MOHAN	OK
26	Q2743-01DL	WC1DL	SAM	08/01/25 13:44	10X for Hg	MOHAN	Confirms
27	CCV75	CCV75	CCV	08/01/25 13:46		MOHAN	OK
28	CCB75	CCB75	CCB	08/01/25 13:49		MOHAN	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136697

Review By	Janvi	Review On	8/5/2025 10:04:40 AM
Supervise By	jaswal	Supervise On	8/6/2025 7:45:51 AM
STD. NAME	STD REF.#		
ICAL Standard	MP86452,MP86453,MP86454,MP86455,MP86456,MP86458		
ICV Standard	MP86459		
CCV Standard	MP86462		
ICSA Standard	MP86460,MP86461		
CRI Standard	MP86458		
LCS Standard			
Chk Standard	MP86463,MP86464		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	08/04/25 11:15		Jaswal	OK
2	S1	S1	CAL2	08/04/25 11:20		Jaswal	OK
3	S2	S2	CAL3	08/04/25 11:24		Jaswal	OK
4	S3	S3	CAL4	08/04/25 11:28		Jaswal	OK
5	S4	S4	CAL5	08/04/25 11:32		Jaswal	OK
6	S5	S5	CAL6	08/04/25 11:36		Jaswal	OK
7	ICV01	ICV01	ICV	08/04/25 11:41		Jaswal	OK
8	LLICV01	LLICV01	LLICV	08/04/25 11:45		Jaswal	OK
9	ICB01	ICB01	ICB	08/04/25 11:52		Jaswal	OK
10	CRI01	CRI01	CRDL	08/04/25 11:57		Jaswal	OK
11	ICSA01	ICSA01	ICSA	08/04/25 12:01		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	08/04/25 12:05		Jaswal	OK
13	ICSADL	ICSADL	ICSA	08/04/25 12:09		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	08/04/25 12:14		Jaswal	OK
15	CCV01	CCV01	CCV	08/04/25 12:25		Jaswal	OK
16	CCB01	CCB01	CCB	08/04/25 12:29		Jaswal	OK
17	PB169076BL	PB169076BL	MB	08/04/25 12:55		Jaswal	OK
18	PB169076BS	PB169076BS	LCS	08/04/25 13:00		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136697

Review By	Janvi	Review On	8/5/2025 10:04:40 AM
Supervise By	jaswal	Supervise On	8/6/2025 7:45:51 AM
STD. NAME	STD REF.#		
ICAL Standard	MP86452,MP86453,MP86454,MP86455,MP86456,MP86458		
ICV Standard	MP86459		
CCV Standard	MP86462		
ICSA Standard	MP86460,MP86461		
CRI Standard	MP86458		
LCS Standard			
Chk Standard	MP86463,MP86464		

19	Q2725-02DL	CompDL	SAM	08/04/25 13:04	Straight 5x dilution for all elements	Jaswal	OK
20	Q2725-02DUPDL	CompDUPDL	DUP	08/04/25 13:08	Straight 5x dilution for all elements	Jaswal	OK
21	Q2725-02LDL	CompLDL	SD	08/04/25 13:12	Straight 25x dilution for all elements	Jaswal	OK
22	Q2725-02MSDL	CompMSDL	MS	08/04/25 13:16	Straight 5x dilution for all elements	Jaswal	OK
23	Q2725-02MSDDL	CompMSDDL	MSD	08/04/25 13:20	Straight 5x dilution for all elements	Jaswal	OK
24	Q2725-02ADL	CompADL	PS	08/04/25 13:24	Straight 5x dilution for all elements (0.1ml m6004,m6013-10ml sample before dilution)	Jaswal	OK
25	PB169078BL	PB169078BL	MB	08/04/25 13:29		Jaswal	OK
26	PB169078BS	PB169078BS	LCS	08/04/25 13:33		Jaswal	OK
27	CCV02	CCV02	CCV	08/04/25 13:37		Jaswal	OK
28	CCB02	CCB02	CCB	08/04/25 13:41		Jaswal	OK
29	Q2733-01	TW-WTS-12	SAM	08/04/25 13:45		Jaswal	OK
30	Q2733-01DUP	TW-WTS-12DUP	DUP	08/04/25 13:50		Jaswal	OK
31	Q2733-01L	TW-WTS-12L	SD	08/04/25 13:54		Jaswal	OK
32	Q2733-01MS	TW-WTS-12MS	MS	08/04/25 13:59		Jaswal	OK
33	Q2733-01MSD	TW-WTS-12MSD	MSD	08/04/25 14:03		Jaswal	OK
34	Q2733-01A	TW-WTS-12A	PS	08/04/25 14:07	0.1ml m6004,m6013-10ml sample	Jaswal	OK
35	Q2742-01	9 Banker	SAM	08/04/25 14:12		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136697

Review By	Janvi	Review On	8/5/2025 10:04:40 AM
Supervise By	jaswal	Supervise On	8/6/2025 7:45:51 AM
STD. NAME	STD REF.#		
ICAL Standard	MP86452,MP86453,MP86454,MP86455,MP86456,MP86458		
ICV Standard	MP86459		
CCV Standard	MP86462		
ICSA Standard	MP86460,MP86461		
CRI Standard	MP86458		
LCS Standard			
Chk Standard	MP86463,MP86464		

36	Q2734-01	VNJ-253	SAM	08/04/25 14:17		Jaswal	OK
37	Q2741-01	TR-05-07312025	SAM	08/04/25 14:21		Jaswal	OK
38	Q2743-01	WC1	SAM	08/04/25 14:25		Jaswal	OK
39	CCV03	CCV03	CCV	08/04/25 14:43		Jaswal	OK
40	CCB03	CCB03	CCB	08/04/25 14:54		Jaswal	OK
41	Q2753-01	289	SAM	08/04/25 14:58		Jaswal	OK
42	Q2758-01	WASTE	SAM	08/04/25 15:03	%soil missing	Jaswal	OK
43	PB169096BL	PB169096BL	MB	08/04/25 15:07		Jaswal	OK
44	Q2740-01	OR-02-07312025	SAM	08/04/25 15:15		Jaswal	OK
45	Q2740-01DUP	OR-02-07312025DUP	DUP	08/04/25 15:19		Jaswal	OK
46	Q2740-01L	OR-02-07312025L	SD	08/04/25 15:23		Jaswal	OK
47	Q2740-01MS	OR-02-07312025MS	MS	08/04/25 15:27		Jaswal	OK
48	Q2740-01MSD	OR-02-07312025MSD	MSD	08/04/25 15:31		Jaswal	OK
49	Q2740-01A	OR-02-07312025A	PS	08/04/25 15:35	0.1ml m6004,m6013-10ml sample	Jaswal	OK
50	PB169096BS	PB169096BS	LCS	08/04/25 15:39		Jaswal	OK
51	CCV04	CCV04	CCV	08/04/25 15:48		Jaswal	OK
52	CCB04	CCB04	CCB	08/04/25 15:53		Jaswal	OK
53	Q2734-02	VNJ-253	SAM	08/04/25 16:08		Jaswal	OK
54	Q2703-05	TP-4	SAM	08/04/25 16:12		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136697

Review By	Janvi	Review On	8/5/2025 10:04:40 AM
Supervise By	jaswal	Supervise On	8/6/2025 7:45:51 AM
STD. NAME	STD REF.#		
ICAL Standard	MP86452,MP86453,MP86454,MP86455,MP86456,MP86458		
ICV Standard	MP86459		
CCV Standard	MP86462		
ICSA Standard	MP86460,MP86461		
CRI Standard	MP86458		
LCS Standard			
Chk Standard	MP86463,MP86464		

55	Q2743-02	WC1	SAM	08/04/25 16:16		Jaswal	OK
56	Q2753-02	289	SAM	08/04/25 16:21		Jaswal	OK
57	Q2753-02DUP	289DUP	DUP	08/04/25 16:25		Jaswal	OK
58	Q2753-02L	289L	SD	08/04/25 16:30		Jaswal	OK
59	Q2753-02MS	289MS	MS	08/04/25 16:34		Jaswal	OK
60	Q2753-02MSD	289MSD	MSD	08/04/25 16:38		Jaswal	OK
61	Q2753-02A	289A	PS	08/04/25 16:42	0.1ml m6004,m6013-10ml sample	Jaswal	OK
62	PB169079TB	PB169079TB	MB	08/04/25 16:46		Jaswal	OK
63	CCV05	CCV05	CCV	08/04/25 16:51		Jaswal	OK
64	CCB05	CCB05	CCB	08/04/25 16:55		Jaswal	OK
65	PB169101BL	PB169101BL	MB	08/04/25 16:59		Jaswal	OK
66	PB169101BS	PB169101BS	LCS	08/04/25 17:04		Jaswal	OK
67	Q2745-01	RW8-SP100-2025073	SAM	08/04/25 17:08		Jaswal	OK
68	Q2745-02	RW8-SP303-2025073	SAM	08/04/25 17:12		Jaswal	OK
69	Q2756-01	71725	SAM	08/04/25 17:16	CCV fail for TI	Jaswal	Not Ok
70	Q2756-01DUP	71725DUP	DUP	08/04/25 17:20	CCV fail for TI	Jaswal	Not Ok
71	Q2756-01L	71725L	SD	08/04/25 17:25	CCV fail for TI	Jaswal	Not Ok
72	Q2756-01MS	71725MS	MS	08/04/25 17:29	CCV fail for TI	Jaswal	Not Ok
73	Q2756-01MSD	71725MSD	MSD	08/04/25 17:33	CCV fail for TI	Jaswal	Not Ok

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136697

Review By	Janvi	Review On	8/5/2025 10:04:40 AM
Supervise By	jaswal	Supervise On	8/6/2025 7:45:51 AM
STD. NAME	STD REF.#		
ICAL Standard	MP86452,MP86453,MP86454,MP86455,MP86456,MP86458		
ICV Standard	MP86459		
CCV Standard	MP86462		
ICSA Standard	MP86460,MP86461		
CRI Standard	MP86458		
LCS Standard			
Chk Standard	MP86463,MP86464		

74	Q2756-01A	71725A	PS	08/04/25 17:37	CCV fail for TI	Jaswal	Not Ok
75	CCV06	CCV06	CCV	08/04/25 17:41	CCV fail for TI	Jaswal	OK
76	CCB06	CCB06	CCB	08/04/25 17:45		Jaswal	OK
77	PB169098BL	PB169098BL	MB	08/04/25 17:49	CCV fail for TI	Jaswal	Not Ok
78	PB169098BS	PB169098BS	LCS	08/04/25 17:54	CCV fail for TI	Jaswal	Not Ok
79	CCV07	CCV07	CCV	08/04/25 17:58		Jaswal	OK
80	CCB07	CCB07	CCB	08/04/25 18:02		Jaswal	OK

SOP ID : M7471B-Mercury-19

SDG No : N/A

Matrix : SOIL

Pipette ID: HG A

Balance ID : M SC-3

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #1

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

Start Digest Date: 07/31/2025 Time : 16:00 Temp : 95 °C

End Digest Date: 07/31/2025 Time : 17:10 Temp : 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: 

Supervisor Signature: 

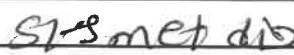
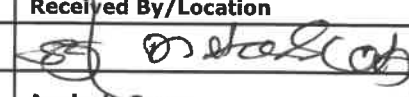
Temp : 1. 95°C 2. N/A

Standardized Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP86578
CCV	30mL	MP86580
CRA	30mL	MP86582
Blank Spike	0.48mL	MP86569
Matrix Spike	0.48mL	MP86569

Chemical Used	ML/SAMPLE USED	Lot Number
AQUA REGIA	1.5mL	MP86617
KMnO4 (5%)	4.5mL	MP85893
Hydroxylamine HCL (12%)	2.0mL	MP85895
PTFE Boiling Stones	-----	M5582
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
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30mL	MP86570
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP86571
2.5 ppb	S2.5	30mL	MP86573
5.0 ppb	S5.0	30mL	MP86575
7.5 ppb	S7.5	30mL	MP86576
10.0 ppb	S10.0	30mL	MP86577
ICV	ICV	30mL	MP86578
ICB	ICB	30mL	MP86579
CCV	CCV	30mL	MP86580
CCB	CCB	30mL	MP86581
CRI	CRI	30mL	MP86582
CHK STD	CHK STD	30mL	MP86583

Extraction Conformance/Non-Conformance Comments:

N/A		
Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
07/31/25 18:10		
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Comment	Prep Pos
PB169081BL	PBS081	0.52	35	NA	N/A	3-1
PB169081BS	LCS081	0.54	35	NA	MP86569	2
Q2726-01	WBR-PBO	0.52	35	NA	N/A	3
Q2728-01	7211931-VNJ240	0.56	35	NA	N/A	4
Q2728-01DUP	7211931-VNJ240DUP	0.55	35	NA	N/A	5
Q2728-01MS	7211931-VNJ240MS	0.57	35	NA	MP86569	6
Q2728-01MSD	7211931-VNJ240MSD	0.55	35	NA	MP86569	7
Q2743-01	WC1	0.53	35	NA	N/A	8

A
B
C
D
E
F
G
H
I
J

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 #5 2. N/A

Start Digest Date: 08/04/2025 Time : 10:05 Temp : 96 °C

End Digest Date: 08/04/2025 Time : 12:10 Temp : 96 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #5

Dig Technician Signature: *SLY*

Supervisor Signature: *[Signature]*

Temp : 1. 96°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
LFS-1	1.00	M6007
LFS-2	1.00	M6015
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
Conc. HNO3	5.00	M6158
1:1 HNO3	10.00	MP86404
30% H2O2	3.00	M6170
Conc. HCL	10.00	M6151
PTFE Boiling Stones	N/A	M5581
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#5 CELL#35 96C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
08/04/25 13:10	<i>SLY met dig</i>	<i>[Signature]</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
PB169096BL	PBS096	N/A	2.00	100	Colorless	Colorless	Fine	N/A	N/A	1
PB169096BS	LCS096	N/A	2.00	100	Colorless	Colorless	Fine	N/A	MP6007,MP6015	2
Q2734-01	VNJ-253	N/A	2.24	100	Brown	Yellow	Medium	N/A	N/A	3
Q2740-01	OR-02-07312025	N/A	2.16	100	Brown	Yellow	Medium	N/A	N/A	4
Q2740-01MS	OR-02-07312025MS	N/A	2.23	100	Brown	Yellow	Medium	N/A	MP6007,MP6015	6
Q2740-01MSD	OR-02-07312025MSD	N/A	2.46	100	Brown	Yellow	Medium	N/A	MP6007,MP6015	7
Q2740-01DUP	OR-02-07312025DUP	N/A	2.17	100	Brown	Yellow	Medium	N/A	N/A	5
Q2741-01	TR-05-07312025	N/A	2.31	100	Brown	Yellow	Medium	N/A	N/A	8
Q2743-01	WC1	N/A	2.23	100	Brown	Yellow	Medium	N/A	N/A	9
Q2753-01	289	N/A	2.42	100	Brown	Yellow	Medium	N/A	N/A	10
Q2758-01	WASTE	N/A	2.25	100	Brown	Yellow	Medium	N/A	N/A	11