



SAMPLE DATA

Report of Analysis

Client:	G Environmental	Date Collected:	02/23/25 16:00
Project:	Nelson	Date Received:	02/26/25
Client Sample ID:	WC1	SDG No.:	Q1447
Lab Sample ID:	Q1447-01	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Paint Filter	1.00	U	1	1.00	1.00	ml/100gm		02/27/25 09:15	9095B
pH	6.86	H	1	0	0	pH		02/27/25 08:45	9045D

Comments: pH result reported at temperature 23.4 °C

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

H = Sample Analysis Out Of Hold Time

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

Report of Analysis

Client:	G Environmental	Date Collected:	02/23/25 16:00
Project:	Nelson	Date Received:	02/26/25
Client Sample ID:	WC1	SDG No.:	Q1447
Lab Sample ID:	Q1447-02	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ignitability	NO		1	0	0	oC		02/28/25 10:17	1030
Reactive Cyanide	0.042	U	1	0.042	0.24	mg/Kg	02/26/25 16:00	02/27/25 10:07	9012B
Reactive Sulfide	3.16	J	1	0.19	10.0	mg/Kg	02/28/25 08:40	02/28/25 11:23	9034

Comments: _____

U = Not Detected

LOQ = Limit of Quantitation

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QC RESULT SUMMARY

Initial and Continuing Calibration Verification

Client: G Environmental

SDG No.: Q1447

Project: Nelson

RunNo.: LB134827

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV pH	pH	7.00	7	100	90-110	02/27/2025
Sample ID: CCV1 pH	pH	2.01	2.00	101	90-110	02/27/2025
Sample ID: CCV2 pH	pH	12.02	12.00	100	90-110	02/27/2025

Initial and Continuing Calibration Verification

Client: G Environmental

SDG No.: Q1447

Project: Nelson

RunNo.: LB134831

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Reactive Cyanide	mg/L	0.096	0.099	97	85-115	02/27/2025
Sample ID: CCV1 Reactive Cyanide	mg/L	0.24	0.25	96	90-110	02/27/2025
Sample ID: CCV2 Reactive Cyanide	mg/L	0.24	0.25	96	90-110	02/27/2025
Sample ID: CCV3 Reactive Cyanide	mg/L	0.24	0.25	96	90-110	02/27/2025

Initial and Continuing Calibration Blank Summary

Client: G Environmental

SDG No.: Q1447

Project: Nelson

RunNo.: LB134831

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00099	0.005	02/27/2025
Sample ID: CCB1 Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00099	0.005	02/27/2025
Sample ID: CCB2 Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00099	0.005	02/27/2025
Sample ID: CCB3 Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00099	0.005	02/27/2025

Preparation Blank Summary

Client: G Environmental

SDG No.: Q1447

Project: Nelson

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: PB166865BL							
Reactive Sulfide	mg/Kg	< 5.0000	5.0000	U	0.186	10	02/28/2025
Sample ID: PB166899BL							
Reactive Cyanide	mg/Kg	< 0.1250	0.1250	U	0.044	0.25	02/27/2025

Duplicate Sample Summary

Client: G Environmental Project: Nelson Client ID: TP-1-WCDUP	SDG No.: Q1447 Sample ID: Q1420-04 Percent Solids for Spike Sample: 100
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Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Reactive Cyanide	mg/Kg	+/-20	0.042	U	0.043	U	1	0		02/27/2025
Reactive Sulfide	mg/Kg	+/-20	1.58	J	1.58	J	1	0		02/28/2025

Duplicate Sample Summary

Client:	G Environmental	SDG No.:	Q1447
Project:	Nelson	Sample ID:	Q1427-01
Client ID:	VNJ-227DUP	Percent Solids for Spike Sample:	85.6

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Paint Filter	ml/100gm	+/-20	1.00	U	1.00	U	1	0		02/27/2025

Duplicate Sample Summary

Client:	G Environmental	SDG No.:	Q1447
Project:	Nelson	Sample ID:	Q1447-01
Client ID:	WC1DUP	Percent Solids for Spike Sample:	100

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
pH	pH	+/-20	6.86		6.87		1	0.15		02/27/2025

Duplicate Sample Summary

Client:	G Environmental	SDG No.:	Q1447
Project:	Nelson	Sample ID:	Q1447-02
Client ID:	WC1DUP	Percent Solids for Spike Sample:	100

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Ignitability	oC	+/-20	NO		NO		1	0		02/28/2025

Instrument ID: FILTER/GRAVIMETRIC

Daily Analysis Runlog For Sequence/QC Batch ID # LB134812

Review By	rubina	Review On	2/27/2025 10:54:31 AM
Supervise By	Iwona	Supervise On	2/27/2025 10:23:33 AM
SubDirectory	LB134812	Test	Paint Filter
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	N/A		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	Q1427-01	VNJ-227	SAM	02/27/25 09:30		rubina	OK
2	Q1427-01DUP	VNJ-227DUP	DUP	02/27/25 09:38		rubina	OK
3	Q1428-01	NB-07-022525	SAM	02/27/25 09:45		rubina	OK
4	Q1440-01	OR-02-022625	SAM	02/27/25 09:52		rubina	OK
5	Q1441-01	HD-02-022625	SAM	02/27/25 10:00		rubina	OK
6	Q1442-03	351	SAM	02/27/25 10:07		rubina	OK
7	Q1447-01	WC1	SAM	02/27/25 10:15		rubina	OK

Instrument ID: WC PH METER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB134827

Review By	jignesh	Review On	2/27/2025 10:05:34 AM
Supervise By	Iwona	Supervise On	2/27/2025 1:15:23 PM
SubDirectory	LB134827	Test	pH
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	W3107,W3093,W3094,W3071,W3161,W3072		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	02/27/25 08:25		Jignesh	OK
2	CAL2	CAL2	CAL	02/27/25 08:26		Jignesh	OK
3	CAL3	CAL3	CAL	02/27/25 08:30		Jignesh	OK
4	ICV	ICV	ICV	02/27/25 08:33		Jignesh	OK
5	CCV1	CCV1	CCV	02/27/25 08:37		Jignesh	OK
6	Q1447-01	WC1	SAM	02/27/25 08:45		Jignesh	OK
7	Q1447-01DUP	WC1DUP	DUP	02/27/25 08:46		Jignesh	OK
8	CCV2	CCV2	CCV	02/27/25 08:50		Jignesh	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB134831

Review By	Niha	Review On	2/28/2025 8:56:12 AM
Supervise By	Iwona	Supervise On	2/28/2025 9:57:02 AM
SubDirectory	LB134831	Test	Reactive Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP112081,WP112082,WP112083,WP112084,WP112085,WP112086,WP112087		
ICV Standard	WP112089		
CCV Standard	WP112082		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP111035,WP110103,WP112088		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPBCN	0.0PPBCN	CAL1	02/27/25 09:24		Niha	OK
2	5.0PPBCN	5.0PPBCN	CAL2	02/27/25 09:24		Niha	OK
3	10PPBCN	10PPBCN	CAL3	02/27/25 09:24		Niha	OK
4	50PPBCN	50PPBCN	CAL4	02/27/25 09:24		Niha	OK
5	100PPBCN	100PPBCN	CAL5	02/27/25 09:24		Niha	OK
6	250PPBCN	250PPBCN	CAL6	02/27/25 09:24		Niha	OK
7	500PPBCN	500PPBCN	CAL7	02/27/25 09:24		Niha	OK
8	ICV1	ICV1	ICV	02/27/25 09:59		Niha	OK
9	ICB1	ICB1	ICB	02/27/25 09:59		Niha	OK
10	CCV1	CCV1	CCV	02/27/25 09:59		Niha	OK
11	CCB1	CCB1	CCB	02/27/25 09:59		Niha	OK
12	PB166899BL	PB166899BL	MB	02/27/25 09:59		Niha	OK
13	Q1420-04	TP-1-WC	SAM	02/27/25 09:59		Niha	OK
14	Q1420-04DUP	TP-1-WCDUP	DUP	02/27/25 10:07		Niha	OK
15	Q1420-08	TP-2-WC	SAM	02/27/25 10:07		Niha	OK
16	Q1427-02	VNJ-227	SAM	02/27/25 10:07		Niha	OK
17	Q1442-01	280	SAM	02/27/25 10:07		Niha	OK
18	Q1442-02	281	SAM	02/27/25 10:07		Niha	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB134831

Review By	Niha	Review On	2/28/2025 8:56:12 AM
Supervise By	Iwona	Supervise On	2/28/2025 9:57:02 AM
SubDirectory	LB134831	Test	Reactive Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP112081,WP112082,WP112083,WP112084,WP112085,WP112086,WP112087		
ICV Standard	WP112089		
CCV Standard	WP112082		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP111035,WP110103,WP112088		

19	Q1443-01	3733	SAM	02/27/25 10:07		Niha	OK
20	Q1447-02	WC1	SAM	02/27/25 10:07		Niha	OK
21	PB166900BL	PB166900BL	MB	02/27/25 10:07		Niha	OK
22	CCV2	CCV2	CCV	02/27/25 10:07		Niha	OK
23	CCB2	CCB2	CCB	02/27/25 10:12		Niha	OK
24	Q1435-01	286107	SAM	02/27/25 10:12		Niha	OK
25	Q1435-01DUP	286107DUP	DUP	02/27/25 10:12		Niha	OK
26	CCV3	CCV3	CCV	02/27/25 10:13		Niha	OK
27	CCB3	CCB3	CCB	02/27/25 10:13		Niha	OK

Instrument ID: FLAME

Daily Analysis Runlog For Sequence/QC Batch ID # LB134841

Review By	rubina	Review On	2/28/2025 1:12:05 PM
Supervise By	Iwona	Supervise On	2/28/2025 1:12:13 PM
SubDirectory	LB134841	Test	Ignitability
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	N/A		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	Q1427-01	VNJ-227	SAM	02/28/25 09:40		rubina	OK
2	Q1427-02	VNJ-227	SAM	02/28/25 09:48		rubina	OK
3	Q1442-01	280	SAM	02/28/25 09:55		rubina	OK
4	Q1442-02	281	SAM	02/28/25 10:02		rubina	OK
5	Q1443-01	3733	SAM	02/28/25 10:10		rubina	OK
6	Q1447-02	WC1	SAM	02/28/25 10:17		rubina	OK
7	Q1447-02DUP	WC1DUP	DUP	02/28/25 10:25		rubina	OK

Instrument ID: TITRAMETRIC

Daily Analysis Runlog For Sequence/QC Batch ID # LB134847

Review By	rubina	Review On	2/28/2025 1:13:01 PM
Supervise By	Iwona	Supervise On	2/28/2025 1:13:09 PM
SubDirectory	LB134847	Test	Reactive Sulfide
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	W3105,W3114,W3149		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	PB166865BL	PB166865BL	MB	02/28/25 11:03		rubina	OK
2	Q1420-04	TP-1-WC	SAM	02/28/25 11:06		rubina	OK
3	Q1420-04DUP	TP-1-WCDUP	DUP	02/28/25 11:08		rubina	OK
4	Q1420-08	TP-2-WC	SAM	02/28/25 11:10		rubina	OK
5	Q1427-02	VNJ-227	SAM	02/28/25 11:13		rubina	OK
6	Q1442-01	280	SAM	02/28/25 11:15		rubina	OK
7	Q1442-02	281	SAM	02/28/25 11:18		rubina	OK
8	Q1443-01	3733	SAM	02/28/25 11:20		rubina	OK
9	Q1447-02	WC1	SAM	02/28/25 11:23		rubina	OK
10	Q1453-01	MOO-25-0061	SAM	02/28/25 11:26		rubina	OK
11	Q1454-03	LAW-25-0043	SAM	02/28/25 11:28		rubina	OK
12	Q1458-03	SP-SOIL	SAM	02/28/25 11:31		rubina	OK
13	Q1464-01	COMP-1	SAM	02/28/25 11:34		rubina	OK
14	Q1464-02	COMP-2	SAM	02/28/25 11:37		rubina	OK
15	Q1465-01	ST-OILY-DEBRIS	SAM	02/28/25 11:40		rubina	OK

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 16:00			02/26/25
			Paint Filter	9095B			02/27/25 09:15	
			pH	9045D			02/27/25 08:45	
Q1447-02	WC1	SOIL			02/23/25 16:00			02/26/25
			Ignitability	1030			02/28/25 10:17	
			Reactive Cyanide	9012B		02/26/25	02/27/25 10:07	
			Reactive Sulfide	9034		02/28/25	02/28/25 11:23	

SOP ID : M9030B-Sulfide-12

SDG No : N/A

Matrix : SOIL

Pipette ID : WC

Balance ID : WC SC-7

Hood ID : HOOD#1

Block ID : MC-1,MC-2

Weigh By : RM

Start Digest Date: 02/28/2025 Time : 08:40 Temp : N/A

End Digest Date: 02/28/2025 Time : 10:10 Temp : N/A

Digestion tube ID : M5595

Filter paper ID : N/A

pH Meter ID : N/A

Block Thermometer ID : N/A

Prep Technician Signature: RM

Supervisor Signature: 12

Standard Name	MLS USED	STD REF. # FROM LOG
PBS003	50.0ML	W3112
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

Chemical Used	ML/SAMPLE USED	Lot Number
0.5M ZINC ACETATE	5.0ML	WP111004
FORMALDEHYDE	2.0ML	W2725
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
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

02/28/2025
RM

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/Nitrite	Comment	Prep Pos
PB166865BL	PBS865	5.00	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1420-04DUP	TP-1-WCDUP	5.05	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1420-04	TP-1-WC	5.05	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1420-08	TP-2-WC	5.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1427-02	VNJ-227	5.07	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1442-01	280	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1442-02	281	5.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1443-01	3733	5.07	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1447-02	WC1	5.06	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1453-01	MOO-25-0061	5.07	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1454-03	LAW-25-0043	5.08	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1458-03	SP-SOIL	5.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1464-01	COMP-1	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1464-02	COMP-2	5.08	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1465-01	ST-OILY-DEBRIS	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A

SOP ID : M9012B-Total, Amenable and Reactive Cyanide-20

SDG No : N/A

Start Digest Date: 02/26/2025 Time : 16:00 Temp : N/A

Matrix : SOIL

End Digest Date: 02/26/2025 Time : 17:30 Temp : N/A

Pipette ID : N/A

Balance ID : WC SC-7

Hood ID : HOOD#1

Digestion tube ID : M5595

Block Thermometer ID : N/A

Block ID : MC-1, MC-2

Filter paper ID : N/A

Prep Technician Signature: NF

Weigh By : NF

pH Meter ID : N/A

Supervisor Signature: 12

Standardized Name	MLS USED	STD REF. # FROM LOG
PBS003	50.0ML	W3112
N/A	N/A	N/A
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
0.25N NaOH	50.0ML	WP111294
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
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Comment

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
02.26.2025, 17:40	NF (WC)	NF (WC)
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/Nitrite	Comment	Prep Pos
PB166899BL	PBS899	1.00	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1420-04DUP	TP-1-WCDUP	1.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1420-04	TP-1-WC	1.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1420-08	TP-2-WC	1.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1427-02	VNJ-227	1.05	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1442-01	280	1.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1442-02	281	1.00	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1443-01	3733	1.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1447-02	WC1	1.04	50	N/A	N/A	N/A	N/A	N/A	N/A