



SAMPLE DATA

Report of Analysis

Client:	G Environmental	Date Collected:	03/12/25 12:55
Project:	Ave L	Date Received:	03/14/25
Client Sample ID:	WC1	SDG No.:	Q1574
Lab Sample ID:	Q1574-01	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
pH	6.76	H	1	0	0	pH		03/14/25 15:35	9045D

Comments: pH result reported at temperature 22.2 °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:	03/12/25 12:55
Project:	Ave L	Date Received:	03/14/25
Client Sample ID:	WC1	SDG No.:	Q1574
Lab Sample ID:	Q1574-02	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	6.76	H	1	0	0	pH		03/14/25 15:35	9045D
Ignitability	NO		1	0	0	oC		03/14/25 12:38	1030
Reactive Cyanide	0.042	U	1	0.042	0.24	mg/Kg	03/14/25 13:50	03/14/25 15:50	9012B
Reactive Sulfide	3.17	J	1	0.20	10.0	mg/Kg	03/17/25 15:20	03/18/25 11:58	9034

Comments: pH result reported at temperature 22.2 °C

U = Not Detected

LOQ = Limit of Quantitation

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N =Spiked sample recovery not within control limits



QC RESULT SUMMARY

Initial and Continuing Calibration Verification

Client: G Environmental

SDG No.: Q1574

Project: Ave L

RunNo.: LB135039

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV						
pH		pH	6.99	7	100	90-110	03/14/2025
Sample ID:	CCV1						
pH		pH	2.01	2.00	101	90-110	03/14/2025
Sample ID:	CCV2						
pH		pH	12.02	12.00	100	90-110	03/14/2025

Initial and Continuing Calibration Verification

Client: G Environmental

SDG No.: Q1574

Project: Ave L

RunNo.: LB135040

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: Corrosivity	ICV	pH	6.99	7	100	90-110	03/14/2025
Sample ID: Corrosivity	CCV1	pH	2.01	2.00	101	90-110	03/14/2025
Sample ID: Corrosivity	CCV2	pH	12.02	12.00	100	90-110	03/14/2025

Initial and Continuing Calibration Verification

Client: G Environmental

SDG No.: Q1574

Project: Ave L

RunNo.: LB135043

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Reactive Cyanide	mg/L	0.092	0.099	93	85-115	03/14/2025
Sample ID: CCV1 Reactive Cyanide	mg/L	0.24	0.25	96	90-110	03/14/2025
Sample ID: CCV2 Reactive Cyanide	mg/L	0.24	0.25	96	90-110	03/14/2025
Sample ID: CCV3 Reactive Cyanide	mg/L	0.25	0.25	100	90-110	03/14/2025

Initial and Continuing Calibration Blank Summary

Client: G Environmental

SDG No.: Q1574

Project: Ave L

RunNo.: LB135043

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	03/14/2025
Sample ID: CCB1 Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00099	0.005	03/14/2025
Sample ID: CCB2 Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00099	0.005	03/14/2025
Sample ID: CCB3 Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00099	0.005	03/14/2025

Preparation Blank Summary

Client: G Environmental

SDG No.: Q1574

Project: Ave L

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: PB167122BL							
Reactive Cyanide	mg/Kg	< 0.1250	0.1250	U	0.044	0.25	03/14/2025
Sample ID: PB167149BL							
Reactive Sulfide	mg/Kg	< 5.0000	5.0000	U	0.201	10	03/18/2025

Duplicate Sample Summary

Client:	G Environmental	SDG No.:	Q1574
Project:	Ave L	Sample ID:	Q1547-05
Client ID:	OR-620-JB-COMP-01DUP	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
Reactive Cyanide	mg/Kg	+/-20	0.042	U	0.043	U	1	0		03/14/2025

Duplicate Sample Summary

Client:	G Environmental	SDG No.:	Q1574
Project:	Ave L	Sample ID:	Q1568-01
Client ID:	JC-03-03132025DUP	Percent Solids for Spike Sample:	93

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		03/14/2025

Duplicate Sample Summary

Client: G Environmental Project: Ave L Client ID: JC-03-03132025DUP	SDG No.: Q1574 Sample ID: Q1568-04 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 Sulfide	mg/Kg	+/-20	1.59	J	1.59	J	1	0		03/18/2025

Duplicate Sample Summary

Client:	G Environmental	SDG No.:	Q1574
Project:	Ave L	Sample ID:	Q1574-01
Client ID:	WC1DUP	Percent Solids for Spike Sample:	98

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
pH	pH	+/-20	6.76		6.77		1	0.15		03/14/2025

Duplicate Sample Summary

Client: G Environmental Project: Ave L Client ID: WC1DUP	SDG No.: Q1574 Sample ID: Q1574-02 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
Corrosivity	pH	+/-20	6.76		6.77		1	0.15		03/14/2025

Instrument ID: FLAME

Daily Analysis Runlog For Sequence/QC Batch ID # LB135032

Review By	rubina	Review On	3/14/2025 2:42:23 PM
Supervise By	Iwona	Supervise On	3/14/2025 2:44:17 PM
SubDirectory	LB135032	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	Q1568-01	JC-03-03132025	SAM	03/14/25 12:00		rubina	OK
2	Q1568-01DUP	JC-03-03132025DUP	DUP	03/14/25 12:08		rubina	OK
3	Q1568-04	JC-03-03132025	SAM	03/14/25 12:16		rubina	OK
4	Q1569-01	TAP-IDW-SOIL-03132	SAM	03/14/25 12:24		rubina	OK
5	Q1569-04	TAP-IDW-SOIL-03132	SAM	03/14/25 12:31		rubina	OK
6	Q1574-02	WC1	SAM	03/14/25 12:38		rubina	OK

Instrument ID: WC PH METER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB135039

Review By	jignesh	Review On	3/14/2025 3:25:50 PM
Supervise By	Iwona	Supervise On	3/14/2025 4:17:01 PM
SubDirectory	LB135039	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	03/14/25 14:40		Jignesh	OK
2	CAL2	CAL2	CAL	03/14/25 14:41		Jignesh	OK
3	CAL3	CAL3	CAL	03/14/25 14:45		Jignesh	OK
4	ICV	ICV	ICV	03/14/25 14:50		Jignesh	OK
5	CCV1	CCV1	CCV	03/14/25 15:00		Jignesh	OK
6	Q1569-01	TAP-IDW-SOIL-03132	SAM	03/14/25 15:10		Jignesh	OK
7	Q1569-04	TAP-IDW-SOIL-03132	SAM	03/14/25 15:20		Jignesh	OK
8	Q1574-01	WC1	SAM	03/14/25 15:35		Jignesh	OK
9	Q1574-01DUP	WC1DUP	DUP	03/14/25 15:36		Jignesh	OK
10	CCV2	CCV2	CCV	03/14/25 15:40		Jignesh	OK

Instrument ID: WC PH METER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB135040

Review By	jignesh	Review On	3/14/2025 3:32:03 PM
Supervise By	Iwona	Supervise On	3/14/2025 4:16:50 PM
SubDirectory	LB135040	Test	Corrosivity
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	03/14/25 14:40		Jignesh	OK
2	CAL2	CAL2	CAL	03/14/25 14:41		Jignesh	OK
3	CAL3	CAL3	CAL	03/14/25 14:45		Jignesh	OK
4	ICV	ICV	ICV	03/14/25 14:50		Jignesh	OK
5	CCV1	CCV1	CCV	03/14/25 15:00		Jignesh	OK
6	Q1568-04	JC-03-03132025	SAM	03/14/25 15:15		Jignesh	OK
7	Q1574-02	WC1	SAM	03/14/25 15:35		Jignesh	OK
8	Q1574-02DUP	WC1DUP	DUP	03/14/25 15:36		Jignesh	OK
9	CCV2	CCV2	CCV	03/14/25 15:40		Jignesh	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB135043

Review By	Niha	Review On	3/17/2025 10:58:12 AM
Supervise By	Iwona	Supervise On	3/17/2025 1:34:00 PM
SubDirectory	LB135043	Test	Reactive Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP112310,WP112311,WP112312,WP112313,WP112314,WP112315,WP112316		
ICV Standard	WP112318		
CCV Standard	WP112311		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP111035,WP110103,WP112317		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPBCN	0.0PPBCN	CAL1	03/14/25 15:15		Niha	OK
2	5.0PPBCN	5.0PPBCN	CAL2	03/14/25 15:15		Niha	OK
3	10PPBCN	10PPBCN	CAL3	03/14/25 15:15		Niha	OK
4	50PPBCN	50PPBCN	CAL4	03/14/25 15:15		Niha	OK
5	100PPBCN	100PPBCN	CAL5	03/14/25 15:15		Niha	OK
6	250PPBCN	250PPBCN	CAL6	03/14/25 15:15		Niha	OK
7	500PPBCN	500PPBCN	CAL7	03/14/25 15:15		Niha	OK
8	ICV1	ICV1	ICV	03/14/25 15:42		Niha	OK
9	ICB1	ICB1	ICB	03/14/25 15:42		Niha	OK
10	CCV1	CCV1	CCV	03/14/25 15:42		Niha	OK
11	CCB1	CCB1	CCB	03/14/25 15:42		Niha	OK
12	PB167122BL	PB167122BL	MB	03/14/25 15:42		Niha	OK
13	Q1547-05	OR-620-JB-COMP-01	SAM	03/14/25 15:42		Niha	OK
14	Q1547-05DUP	OR-620-JB-COMP-01	DUP	03/14/25 15:42		Niha	OK
15	Q1547-10	OR-620-JB-COMP-02	SAM	03/14/25 15:50		Niha	OK
16	Q1552-05	NB-418-JB-COMP-01	SAM	03/14/25 15:50		Niha	OK
17	Q1568-04	JC-03-03132025	SAM	03/14/25 15:50		Niha	OK
18	Q1570-01	TAP-IDW-SOIL-03132	SAM	03/14/25 15:50		Niha	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB135043

Review By	Niha	Review On	3/17/2025 10:58:12 AM
Supervise By	Iwona	Supervise On	3/17/2025 1:34:00 PM
SubDirectory	LB135043	Test	Reactive Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP112310,WP112311,WP112312,WP112313,WP112314,WP112315,WP112316		
ICV Standard	WP112318		
CCV Standard	WP112311		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP111035,WP110103,WP112317		

19	Q1570-02	TAP-IDW-SOIL-03132	SAM	03/14/25 15:50		Niha	OK
20	Q1574-02	WC1	SAM	03/14/25 15:50		Niha	OK
21	PB167141BL	PB167141BL	MB	03/14/25 15:50		Niha	OK
22	CCV2	CCV2	CCV	03/14/25 15:50		Niha	OK
23	CCB2	CCB2	CCB	03/14/25 15:50		Niha	OK
24	Q1563-01	437	SAM	03/14/25 15:54		Niha	OK
25	Q1563-01DUP	437DUP	DUP	03/14/25 15:54		Niha	OK
26	Q1563-02	FERNOT-WATER	SAM	03/14/25 15:54		Niha	OK
27	Q1577-03	MOO-25-0072	SAM	03/14/25 15:54		Niha	OK
28	CCV3	CCV3	CCV	03/14/25 15:57		Niha	OK
29	CCB3	CCB3	CCB	03/14/25 15:57		Niha	OK

Instrument ID: TITRAMETRIC

Daily Analysis Runlog For Sequence/QC Batch ID # LB135069

Review By	rubina	Review On	3/18/2025 1:01:07 PM
Supervise By	Iwona	Supervise On	3/18/2025 1:17:49 PM
SubDirectory	LB135069	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	PB167149BL	PB167149BL	MB	03/18/25 11:45		rubina	OK
2	Q1568-04	JC-03-03132025	SAM	03/18/25 11:48		rubina	OK
3	Q1568-04DUP	JC-03-03132025DUP	DUP	03/18/25 11:50		rubina	OK
4	Q1570-01	TAP-IDW-SOIL-03132	SAM	03/18/25 11:53		rubina	OK
5	Q1570-02	TAP-IDW-SOIL-03132	SAM	03/18/25 11:56		rubina	OK
6	Q1574-02	WC1	SAM	03/18/25 11:58		rubina	OK
7	Q1590-01	3794	SAM	03/18/25 12:01		rubina	OK

LAB CHRONICLE

OrderID:	Q1574	OrderDate:	3/14/2025 11:25:00 AM
Client:	G Environmental	Project:	Ave L
Contact:	Gary Landis	Location:	I41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1574-01	WC1	SOIL			03/12/25 12:55			03/14/25
			pH	9045D			03/14/25 15:35	
Q1574-02	WC1	SOIL			03/12/25 12:55			03/14/25
			Corrosivity	9045D			03/14/25 15:35	
			Ignitability	1030			03/14/25 12:38	
			Reactive Cyanide	9012B		03/14/25	03/14/25 15:50	
			Reactive Sulfide	9034		03/17/25	03/18/25 11:58	

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

SDG No : N/A

Start Digest Date: 03/14/2025 Time : 13:50 Temp : N/A

Matrix : SOIL

End Digest Date: 03/14/2025 Time : 15:20 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
03/14/2025, 15:30	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
PB167122BL	PBS122	1.00	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1547-05DUP	OR-620-JB-COMP-01DUP	1.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1547-05	OR-620-JB-COMP-01	1.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1547-10	OR-620-JB-COMP-02	1.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1552-05	NB-418-JB-COMP	1.05	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1568-04	JC-03-03132025	1.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1570-01	TAP-IDW-SOIL-031325-01	1.00	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1570-02	TAP-IDW-SOIL-031325-02	1.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1574-02	WC1	1.04	50	N/A	N/A	N/A	N/A	N/A	N/A

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: 03/17/2025 Time : 15:20 Temp : N/A

End Digest Date: 03/17/2025 Time : 16:50 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:

Supervisor Signature:

RM
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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

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:

N/A

03/17/2025
RM

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	Prej Pos
PB167149BL	PBS149	5.00	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1568-04DUP	JC-03-03132025DUP	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1568-04	JC-03-03132025	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1570-01	TAP-IDW-SOIL-031325-01	5.07	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1570-02	TAP-IDW-SOIL-031325-02	5.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1574-02	WC1	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1590-01	3794	5.01	50	N/A	N/A	N/A	N/A	N/A	N/A