



SAMPLE DATA

Report of Analysis

Client: HDR, Inc.
Project: PVWC Linear Construction
Client Sample ID: B8-0.0-1.0-20251023
Lab Sample ID: Q3466-02

Date Collected: 10/23/25 10:30
Date Received: 10/24/25
SDG No.: Q3466
Matrix: SOIL
% Solid: 85.3

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Cyanide	0.25	J	1	0.048	0.29	mg/Kg	10/28/25 11:00	10/28/25 13:30	9012B
Hexavalent Chromium	0.12	J	1	0.069	0.39	mg/Kg	10/27/25 09:00	10/27/25 12:39	7196A
Paint Filter	1.00	U	1	1.00	1.00	ml/100gm		11/03/25 14:35	9095B

Comments: _____

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: HDR, Inc.
Project: PVWC Linear Construction
Client Sample ID: B8-0.0-1.0-20251023
Lab Sample ID: Q3466-03

Date Collected: 10/23/25 10:30
Date Received: 10/24/25
SDG No.: Q3466
Matrix: SOIL
% Solid: 100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	6.40	H	1	0	0	pH		10/27/25 14:55	9045D
Ignitability	NO		1	0	0	oC		10/27/25 15:22	1030
Reactive Cyanide	0.017	J	1	0.0083	0.049	mg/Kg	10/28/25 08:50	10/28/25 11:24	9012B
Reactive Sulfide	6.31	J	1	0.20	10.0	mg/Kg	10/28/25 09:05	10/28/25 15:28	9034

Comments: pH result reported at temperature 21.6 °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: HDR, Inc.
Project: PVWC Linear Construction
Client Sample ID: B9-0.0-1.0-20251023
Lab Sample ID: Q3466-05

Date Collected: 10/23/25 11:50
Date Received: 10/24/25
SDG No.: Q3466
Matrix: SOIL
% Solid: 83.2

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Cyanide	0.66		1	0.049	0.29	mg/Kg	10/28/25 11:00	10/28/25 13:30	9012B

Comments: _____

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: HDR, Inc.
Project: PVWC Linear Construction
Client Sample ID: B7-1.0-2.0-20251023
Lab Sample ID: Q3466-07

Date Collected: 10/23/25 13:50
Date Received: 10/24/25
SDG No.: Q3466
Matrix: SOIL
% Solid: 89.2

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Cyanide	0.17	J	1	0.046	0.27	mg/Kg	10/28/25 11:00	10/28/25 13:37	9012B

Comments: _____

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



QC RESULT SUMMARY

Initial and Continuing Calibration Verification

Client: HDR, Inc.

SDG No.: Q3466

Project: PVWC Linear Construction

RunNo.: LB137657

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV Hexavalent Chromium	mg/L	0.497	0.5	99	90-110	10/27/2025
Sample ID: CCV1 Hexavalent Chromium	mg/L	0.494	0.5	99	90-110	10/27/2025
Sample ID: CCV2 Hexavalent Chromium	mg/L	0.489	0.5	98	90-110	10/27/2025
Sample ID: CCV3 Hexavalent Chromium	mg/L	0.493	0.5	99	90-110	10/27/2025
Sample ID: CCV4 Hexavalent Chromium	mg/L	0.489	0.5	98	90-110	10/27/2025

Initial and Continuing Calibration Verification

Client: HDR, Inc.

SDG No.: Q3466

Project: PVWC Linear Construction

RunNo.: LB137663

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV Corrosivity	pH	7.01	7	100	90-110	10/27/2025
Sample ID: CCV1 Corrosivity	pH	2.01	2.00	101	90-110	10/27/2025
Sample ID: CCV2 Corrosivity	pH	12.02	12.00	100	90-110	10/27/2025
Sample ID: CCV3 Corrosivity	pH	2.02	2.00	101	90-110	10/27/2025

Initial and Continuing Calibration Verification

Client: HDR, Inc.

SDG No.: Q3466

Project: PVWC Linear Construction

RunNo.: LB137669

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Reactive Cyanide	mg/L	0.093	0.099	94	85-115	10/28/2025
Sample ID: CCV1 Reactive Cyanide	mg/L	0.24	0.25	96	90-110	10/28/2025
Sample ID: CCV2 Reactive Cyanide	mg/L	0.24	0.25	96	90-110	10/28/2025
Sample ID: CCV3 Reactive Cyanide	mg/L	0.24	0.25	96	90-110	10/28/2025
Sample ID: CCV4 Reactive Cyanide	mg/L	0.24	0.25	96	90-110	10/28/2025

Initial and Continuing Calibration Verification

Client: HDR, Inc.

SDG No.: Q3466

Project: PVWC Linear Construction

RunNo.: LB137670

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Cyanide	mg/L	0.095	0.099	96	90-110	10/28/2025
Sample ID: CCV1 Cyanide	mg/L	0.25	0.25	100	90-110	10/28/2025
Sample ID: CCV2 Cyanide	mg/L	0.25	0.25	100	90-110	10/28/2025

Initial and Continuing Calibration Blank Summary

Client: HDR, Inc.

SDG No.: Q3466

Project: PVWC Linear Construction

RunNo.: LB137657

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	10/27/2025
Sample ID: CCB1 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	10/27/2025
Sample ID: CCB2 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	10/27/2025
Sample ID: CCB3 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	10/27/2025
Sample ID: CCB4 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	10/27/2025

Initial and Continuing Calibration Blank Summary

Client: HDR, Inc.

SDG No.: Q3466

Project: PVWC Linear Construction

RunNo.: LB137669

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 Reactive Cyanide	mg/L	0.0012	0.0025	J	0.00096	0.005	10/28/2025
Sample ID: CCB1 Reactive Cyanide	mg/L	0.0012	0.0025	J	0.00096	0.005	10/28/2025
Sample ID: CCB2 Reactive Cyanide	mg/L	0.0015	0.0025	J	0.00096	0.005	10/28/2025
Sample ID: CCB3 Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	10/28/2025
Sample ID: CCB4 Reactive Cyanide	mg/L	0.0014	0.0025	J	0.00096	0.005	10/28/2025

Initial and Continuing Calibration Blank Summary

Client: HDR, Inc.

SDG No.: Q3466

Project: PVWC Linear Construction

RunNo.: LB137670

Analyte		Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID:	ICB1							
Cyanide		mg/L	0.0014	0.0025	J	0.00096	0.005	10/28/2025
Sample ID:	CCB1							
Cyanide		mg/L	0.0024	0.0025	J	0.00096	0.005	10/28/2025
Sample ID:	CCB2							
Cyanide		mg/L	0.0012	0.0025	J	0.00096	0.005	10/28/2025

Preparation Blank Summary

Client: HDR, Inc.

SDG No.: Q3466

Project: PVWC Linear Construction

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: PB170253BL Hexavalent Chromium	mg/Kg	< 0.2000	0.2000	U	0.07	0.4	10/27/2025
Sample ID: PB170279BL Reactive Sulfide	mg/Kg	< 5.0000	5.0000	U	0.201	10	10/28/2025
Sample ID: PB170280BL Reactive Cyanide	mg/Kg	0.012	0.0250	J	0.0084	0.05	10/28/2025
Sample ID: PB170281BL Cyanide	mg/Kg	0.073	0.1250	J	0.042	0.25	10/28/2025

Matrix Spike Summary

Client:	HDR, Inc.	SDG No.:	Q3466
Project:	PVWC Linear Construction	Sample ID:	Q3419-01
Client ID:	PR-132-S16-015094-20251021MS	Percent Solids for Spike Sample:	54.4

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	75-125	2300		0.13	U	2360	40	98		10/27/2025

Matrix Spike Summary

Client:

HDR, Inc.

SDG No.:

Q3466

Project:

PVWC Linear Construction

Sample ID:

Q3419-01

Client ID:

PR-132-S16-015094-20251021MS

Percent Solids for Spike Sample:

54.4

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	85-115	69.5		0.13	U	73.5	2	95		10/27/2025

Matrix Spike Summary

Client:

HDR, Inc.

SDG No.:

Q3466

Project:

PVWC Linear Construction

Sample ID:

Q3419-01

Client ID:

PR-132-S16-015094-20251021MS

Percent Solids for Spike Sample:

54.4

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	75-125	59.7		0.13	U	73.5	2	81		10/27/2025

Matrix Spike Summary

Client:	HDR, Inc.	SDG No.:	Q3466
Project:	PVWC Linear Construction	Sample ID:	Q3466-07
Client ID:	B7-1.0-2.0-20251023MS	Percent Solids for Spike Sample:	89.2

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Cyanide	mg/Kg	75-125	2.10		0.17	J	2.2	1	88		10/28/2025

Matrix Spike Summary

Client:	HDR, Inc.	SDG No.:	Q3466
Project:	PVWC Linear Construction	Sample ID:	Q3466-07
Client ID:	B7-1.0-2.0-20251023MSD	Percent Solids for Spike Sample:	89.2

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Cyanide	mg/Kg	75-125	2.10		0.17	J	2.2	1	88		10/28/2025

Duplicate Sample Summary

Client:	HDR, Inc.	SDG No.:	Q3466
Project:	PVWC Linear Construction	Sample ID:	Q3419-01
Client ID:	PR-132-S16-015094-20251021DUP	Percent Solids for Spike Sample:	54.4

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	+/-20	0.13	U	0.13	U	1	0		10/27/2025

Duplicate Sample Summary

Client: HDR, Inc. Project: PVWC Linear Construction Client ID: TP-11DUP	SDG No.: Q3466 Sample ID: Q3451-04 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	3.16	J	3.16	J	1	0		10/28/2025

Duplicate Sample Summary

Client:	HDR, Inc.	SDG No.:	Q3466
Project:	PVWC Linear Construction	Sample ID:	Q3456-01
Client ID:	OILY-DEBRISDUP	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	0.012	J	0.014	J	1	15		10/28/2025

Duplicate Sample Summary

Client: HDR, Inc. Project: PVWC Linear Construction Client ID: B8-0.0-1.0-20251023DUP	SDG No.: Q3466 Sample ID: Q3466-03 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
Ignitability	oC	+/-20	NO		NO		1	0		10/27/2025
Corrosivity	pH	+/-20	6.40		6.42		1	0.31		10/27/2025

Duplicate Sample Summary

Client:	HDR, Inc.	SDG No.:	Q3466
Project:	PVWC Linear Construction	Sample ID:	Q3466-07
Client ID:	B7-1.0-2.0-20251023DUP	Percent Solids for Spike Sample:	89.2

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
Cyanide	mg/Kg	+/-20	0.17	J	0.19	J	1	11		10/28/2025

Duplicate Sample Summary

Client:	HDR, Inc.	SDG No.:	Q3466
Project:	PVWC Linear Construction	Sample ID:	Q3466-07
Client ID:	B7-1.0-2.0-20251023MSD	Percent Solids for Spike Sample:	89.2

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Cyanide	mg/Kg	+/-20	2.10		2.10		1	0		10/28/2025

Duplicate Sample Summary

Client: HDR, Inc. Project: PVWC Linear Construction Client ID: EO-02-103125DUP	SDG No.: Q3466 Sample ID: Q3520-01 Percent Solids for Spike Sample: 91.1
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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		11/03/2025

Laboratory Control Sample Summary

Client: HDR, Inc.

SDG No.: Q3466

Project: PVWC Linear Construction

Run No.: LB137657

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB170253BS							
Hexavalent Chromium	mg/Kg	20	19.8		99	1	84-110	10/27/2025

Laboratory Control Sample Summary

Client: HDR, Inc.

SDG No.: Q3466

Project: PVWC Linear Construction

Run No.: LB137670

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB170281BS							
Cyanide	mg/Kg	5	4.80		96	1	85-115	10/28/2025

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137657

Review By	rubina	Review On	10/27/2025 1:27:34 PM
Supervise By	Iwona	Supervise On	10/27/2025 1:28:00 PM
SubDirectory	LB137657	Test	Hexavalent Chromium
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	WP115295,WP115340,WP115339,WP114310		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	10/27/25 12:20		rubina	OK
2	CAL2	CAL2	CAL	10/27/25 12:20		rubina	OK
3	CAL3	CAL3	CAL	10/27/25 12:21		rubina	OK
4	CAL4	CAL4	CAL	10/27/25 12:21		rubina	OK
5	CAL5	CAL5	CAL	10/27/25 12:22		rubina	OK
6	CAL6	CAL6	CAL	10/27/25 12:22		rubina	OK
7	CAL7	CAL7	CAL	10/27/25 12:23		rubina	OK
8	ICV	ICV	ICV	10/27/25 12:23		rubina	OK
9	ICB	ICB	ICB	10/27/25 12:24		rubina	OK
10	CCV1	CCV1	CCV	10/27/25 12:24		rubina	OK
11	CCB1	CCB1	CCB	10/27/25 12:25		rubina	OK
12	RL Check	RL Check	RL	10/27/25 12:25		rubina	OK
13	PB170253BL	PB170253BL	MB	10/27/25 12:26		rubina	OK
14	PB170253BS	PB170253BS	LCS	10/27/25 12:26		rubina	OK
15	Q3419-01	PR-132-S16-015094-2	SAM	10/27/25 12:27		rubina	OK
16	Q3419-01DUP	PR-132-S16-015094-2	DUP	10/27/25 12:27		rubina	OK
17	Q3419-01MSPre	PR-132-S16-015094-2	MS	10/27/25 12:28		rubina	OK
18	Q3419-01MS2Ins	PR-132-S16-015094-2	MS	10/27/25 12:28		rubina	OK

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137657

Review By	rubina	Review On	10/27/2025 1:27:34 PM
Supervise By	Iwona	Supervise On	10/27/2025 1:28:00 PM
SubDirectory	LB137657	Test	Hexavalent Chromium
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	WP115295,WP115340,WP115339,WP114310		

19	Q3419-01MS3Post	PR-132-S16-015094-2	MS	10/27/25 12:29		rubina	OK
20	Q3419-04	PR132-S16-119133-2	SAM	10/27/25 12:29		rubina	OK
21	Q3419-05	PR132-S16-094119-2	SAM	10/27/25 12:30		rubina	OK
22	Q3439-01	TP-9	SAM	10/27/25 12:30		rubina	OK
23	CCV2	CCV2	CCV	10/27/25 12:31		rubina	OK
24	CCB2	CCB2	CCB	10/27/25 12:31		rubina	OK
25	Q3439-05	TP-10	SAM	10/27/25 12:32		rubina	OK
26	Q3440-01	JB-2	SAM	10/27/25 12:32		rubina	OK
27	Q3445-01	EO-01-102325	SAM	10/27/25 12:33		rubina	OK
28	Q3449-01	CF-620-COMP-41	SAM	10/27/25 12:33		rubina	OK
29	Q3451-01	TP-11	SAM	10/27/25 12:34		rubina	OK
30	Q3451-05	TP-12	SAM	10/27/25 12:34		rubina	OK
31	Q3452-01	JB-1	SAM	10/27/25 12:35		rubina	OK
32	Q3457-01	TR-05-102425	SAM	10/27/25 12:35		rubina	OK
33	Q3460-01	WC-1	SAM	10/27/25 12:36		rubina	OK
34	Q3460-05	WC-2	SAM	10/27/25 12:36		rubina	OK
35	CCV3	CCV3	CCV	10/27/25 12:37		rubina	OK
36	CCB3	CCB3	CCB	10/27/25 12:37		rubina	OK
37	Q3460-09	WC-3	SAM	10/27/25 12:38		rubina	OK
38	Q3460-13	WC-4	SAM	10/27/25 12:38		rubina	OK

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137657

Review By	rubina	Review On	10/27/2025 1:27:34 PM
Supervise By	Iwona	Supervise On	10/27/2025 1:28:00 PM
SubDirectory	LB137657	Test	Hexavalent Chromium
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	WP115295,WP115340,WP115339,WP114310		

39	Q3460-17	WC-5	SAM	10/27/25 12:39		rubina	OK
40	Q3466-02	B8-0.0-1.0-20251023	SAM	10/27/25 12:39		rubina	OK
41	Q3466-05	B9-0.0-1.0-20251023	SAM	10/27/25 12:40		rubina	OK
42	Q3466-07	B7-1.0-2.0-20251023	SAM	10/27/25 12:40		rubina	OK
43	CCV4	CCV4	CCV	10/27/25 12:41		rubina	OK
44	CCB4	CCB4	CCB	10/27/25 12:41		rubina	OK

Instrument ID: FLAME

Daily Analysis Runlog For Sequence/QC Batch ID # LB137659

Review By	rubina	Review On	10/27/2025 4:20:17 PM
Supervise By	Iwona	Supervise On	10/27/2025 4:54:21 PM
SubDirectory	LB137659	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	Q3449-06	CF-620-COMP-41	SAM	10/27/25 13:07		rubina	OK
2	Q3451-01	TP-11	SAM	10/27/25 13:15		rubina	OK
3	Q3451-05	TP-12	SAM	10/27/25 13:30		rubina	OK
4	Q3451-08	TP-12	SAM	10/27/25 13:38		rubina	OK
5	Q3452-01	JB-1	SAM	10/27/25 13:45		rubina	OK
6	Q3452-04	JB-1	SAM	10/27/25 13:53		rubina	OK
7	Q3456-01	OILY-DEBRIS	SAM	10/27/25 14:00		rubina	OK
8	Q3460-01	WC-1	SAM	10/27/25 14:08		rubina	OK
9	Q3460-04	WC-1	SAM	10/27/25 14:15		rubina	OK
10	Q3460-05	WC-2	SAM	10/27/25 14:23		rubina	OK
11	Q3460-08	WC-2	SAM	10/27/25 14:30		rubina	OK
12	Q3460-09	WC-3	SAM	10/27/25 14:38		rubina	OK
13	Q3460-12	WC-3	SAM	10/27/25 14:45		rubina	OK
14	Q3460-13	WC-4	SAM	10/27/25 14:53		rubina	OK
15	Q3460-16	WC-4	SAM	10/27/25 15:00		rubina	OK
16	Q3460-17	WC-5	SAM	10/27/25 15:08		rubina	OK
17	Q3460-20	WC-5	SAM	10/27/25 15:15		rubina	OK
18	Q3451-04	TP-11	SAM	10/27/25 15:22		rubina	OK

Instrument ID: FLAME

Daily Analysis Runlog For Sequence/QC Batch ID # LB137659

Review By	rubina	Review On	10/27/2025 4:20:17 PM
Supervise By	Iwona	Supervise On	10/27/2025 4:54:21 PM
SubDirectory	LB137659	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		

19	Q3466-03	B8-0.0-1.0-20251023	SAM	10/27/25 15:22		rubina	OK
20	Q3466-03DUP	B8-0.0-1.0-20251023	DUP	10/27/25 15:29		rubina	OK

Instrument ID: WC PH METER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137663

Review By	jignesh	Review On	10/28/2025 10:14:36 AM
Supervise By	Iwona	Supervise On	10/28/2025 10:38:50 AM
SubDirectory	LB137663	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	W3178,W3093,W3191,W3217,W3161,W3200		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	10/27/25 14:40		Jignesh	OK
2	CAL2	CAL2	CAL	10/27/25 14:41		Jignesh	OK
3	CAL3	CAL3	CAL	10/27/25 14:44		Jignesh	OK
4	ICV	ICV	ICV	10/27/25 14:45		Jignesh	OK
5	CCV1	CCV1	CCV	10/27/25 14:47		Jignesh	OK
6	Q3466-03	B8-0.0-1.0-20251023	SAM	10/27/25 14:55		Jignesh	OK
7	Q3466-03DUP	B8-0.0-1.0-20251023	DUP	10/27/25 14:59		Jignesh	OK
8	Q3469-04	TP-13	SAM	10/27/25 15:10		Jignesh	OK
9	Q3472-05	COMP-1	SAM	10/27/25 15:20		Jignesh	OK
10	Q3472-07	COMP-2	SAM	10/27/25 15:30		Jignesh	OK
11	Q3472-09	COMP-3	SAM	10/27/25 15:35		Jignesh	OK
12	Q3472-11	COMP-4	SAM	10/27/25 15:36		Jignesh	OK
13	Q3472-13	COMP-5	SAM	10/27/25 15:40		Jignesh	OK
14	Q3472-15	155	SAM	10/27/25 15:47		Jignesh	OK
15	Q3472-17	142	SAM	10/27/25 15:55		Jignesh	OK
16	CCV2	CCV2	CCV	10/27/25 16:00		Jignesh	OK
17	Q3472-18	137	SAM	10/27/25 16:10		Jignesh	OK
18	CCV3	CCV3	CCV	10/27/25 16:11		Jignesh	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB137669

Review By	rubina	Review On	10/29/2025 11:47:51 AM
Supervise By	Iwona	Supervise On	10/29/2025 11:53:31 AM
SubDirectory	LB137669	Test	Reactive Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP115349,WP115350,WP115351,WP115352,WP115353,WP115354,WP115355		
ICV Standard	WP115356		
CCV Standard	WP115350		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP115157,WP114324,WP115357		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPBCN	0.0PPBCN	CAL1	10/28/25 10:14		rubina	OK
2	5.0PPBCN	5.0PPBCN	CAL2	10/28/25 10:14		rubina	OK
3	10PPBCN	10PPBCN	CAL3	10/28/25 10:14		rubina	OK
4	50PPBCN	50PPBCN	CAL4	10/28/25 10:14		rubina	OK
5	100PPBCN	100PPBCN	CAL5	10/28/25 10:14		rubina	OK
6	250PPBCN	250PPBCN	CAL6	10/28/25 10:14		rubina	OK
7	500PPBCN	500PPBCN	CAL7	10/28/25 10:14		rubina	OK
8	ICV1	ICV1	ICV	10/28/25 11:09		rubina	OK
9	ICB1	ICB1	ICB	10/28/25 11:09		rubina	OK
10	CCV1	CCV1	CCV	10/28/25 11:09		rubina	OK
11	CCB1	CCB1	CCB	10/28/25 11:09		rubina	OK
12	PB170278BL	PB170278BL	MB	10/28/25 11:09		rubina	OK
13	Q3472-03	COMP-7	SAM	10/28/25 11:17		rubina	OK
14	Q3472-03DUP	COMP-7DUP	DUP	10/28/25 11:17		rubina	OK
15	Q3472-19	159	SAM	10/28/25 11:17		rubina	OK
16	Q3472-20	COMP-6	SAM	10/28/25 11:17		rubina	OK
17	PB170280BL	PB170280BL	MB	10/28/25 11:17		rubina	OK
18	Q3456-01	OILY-DEBRIS	SAM	10/28/25 11:17		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB137669

Review By	rubina	Review On	10/29/2025 11:47:51 AM
Supervise By	Iwona	Supervise On	10/29/2025 11:53:31 AM
SubDirectory	LB137669	Test	Reactive Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP115349,WP115350,WP115351,WP115352,WP115353,WP115354,WP115355		
ICV Standard	WP115356		
CCV Standard	WP115350		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP115157,WP114324,WP115357		

19	Q3456-01DUP	OILY-DEBRISDUP	DUP	10/28/25 11:17		rubina	OK
20	Q3460-08	WC-2	SAM	10/28/25 11:17		rubina	OK
21	Q3460-12	WC-3	SAM	10/28/25 11:17		rubina	OK
22	CCV2	CCV2	CCV	10/28/25 11:24		rubina	OK
23	CCB2	CCB2	CCB	10/28/25 11:24		rubina	OK
24	Q3460-16	WC-4	SAM	10/28/25 11:24		rubina	OK
25	Q3460-20	WC-5	SAM	10/28/25 11:24		rubina	OK
26	Q3466-03	B8-0.0-1.0-20251023	SAM	10/28/25 11:24		rubina	OK
27	Q3469-04	TP-13	SAM	10/28/25 11:24		rubina	OK
28	Q3472-05	COMP-1	SAM	10/28/25 11:32		rubina	OK
29	Q3472-07	COMP-2	SAM	10/28/25 11:32		rubina	OK
30	Q3472-09	COMP-3	SAM	10/28/25 11:32		rubina	OK
31	Q3472-11	COMP-4	SAM	10/28/25 11:32		rubina	OK
32	Q3472-13	COMP-5	SAM	10/28/25 11:32		rubina	OK
33	Q3472-15	155	SAM	10/28/25 11:32		rubina	OK
34	CCV3	CCV3	CCV	10/28/25 11:32		rubina	OK
35	CCB3	CCB3	CCB	10/28/25 11:39		rubina	OK
36	Q3472-17	142	SAM	10/28/25 11:39		rubina	OK
37	Q3472-18	137	SAM	10/28/25 11:39		rubina	OK
38	Q3460-04	WC-1	SAM	10/28/25 11:40		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB137669

Review By	rubina	Review On	10/29/2025 11:47:51 AM
Supervise By	Iwona	Supervise On	10/29/2025 11:53:31 AM
SubDirectory	LB137669	Test	Reactive Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP115349,WP115350,WP115351,WP115352,WP115353,WP115354,WP115355		
ICV Standard	WP115356		
CCV Standard	WP115350		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP115157,WP114324,WP115357		

39	CCV4	CCV4	CCV	10/28/25 11:40		rubina	OK
40	CCB4	CCB4	CCB	10/28/25 11:43		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB137670

Review By	rubina	Review On	10/29/2025 11:50:03 AM
Supervise By	Iwona	Supervise On	10/29/2025 11:53:41 AM
SubDirectory	LB137670	Test	Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP115349,WP115350,WP115351,WP115352,WP115353,WP115354,WP115355		
ICV Standard	W3012		
CCV Standard	WP115350		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP113838		
Chk Standard	WP115157,WP114324,WP115357		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPBCN	0.0PPBCN	CAL1	10/28/25 10:14		rubina	OK
2	5.0PPBCN	5.0PPBCN	CAL2	10/28/25 10:14		rubina	OK
3	10PPBCN	10PPBCN	CAL3	10/28/25 10:14		rubina	OK
4	50PPBCN	50PPBCN	CAL4	10/28/25 10:14		rubina	OK
5	100PPBCN	100PPBCN	CAL5	10/28/25 10:14		rubina	OK
6	250PPBCN	250PPBCN	CAL6	10/28/25 10:14		rubina	OK
7	500PPBCN	500PPBCN	CAL7	10/28/25 10:14		rubina	OK
8	ICV1	ICV1	ICV	10/28/25 13:22		rubina	OK
9	ICB1	ICB1	ICB	10/28/25 13:22		rubina	OK
10	CCV1	CCV1	CCV	10/28/25 13:22		rubina	OK
11	CCB1	CCB1	CCB	10/28/25 13:22		rubina	OK
12	PB170281BL	PB170281BL	MB	10/28/25 13:22		rubina	OK
13	PB170281BS	PB170281BS	LCS	10/28/25 13:29		rubina	OK
14	LOWPB170281	LOWPB170281	SAM	10/28/25 13:29		rubina	OK
15	HIGHPB170281	HIGHPB170281	SAM	10/28/25 13:30		rubina	OK
16	Q3466-02	B8-0.0-1.0-20251023	SAM	10/28/25 13:30		rubina	OK
17	Q3466-05	B9-0.0-1.0-20251023	SAM	10/28/25 13:30		rubina	OK
18	Q3466-07	B7-1.0-2.0-20251023	SAM	10/28/25 13:37		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB137670

Review By	rubina	Review On	10/29/2025 11:50:03 AM
Supervise By	Iwona	Supervise On	10/29/2025 11:53:41 AM
SubDirectory	LB137670	Test	Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP115349,WP115350,WP115351,WP115352,WP115353,WP115354,WP115355		
ICV Standard	W3012		
CCV Standard	WP115350		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP113838		
Chk Standard	WP115157,WP114324,WP115357		

19	Q3466-07DUP	B7-1.0-2.0-20251023	DUP	10/28/25 13:37		rubina	OK
20	Q3466-07MS	B7-1.0-2.0-20251023	MS	10/28/25 13:37		rubina	OK
21	Q3466-07MSD	B7-1.0-2.0-20251023	MSD	10/28/25 13:37		rubina	OK
22	CCV2	CCV2	CCV	10/28/25 13:37		rubina	OK
23	CCB2	CCB2	CCB	10/28/25 13:40		rubina	OK

Instrument ID: TITRAMETRIC

Daily Analysis Runlog For Sequence/QC Batch ID # LB137681

Review By	rubina	Review On	10/28/2025 4:34:41 PM
Supervise By	Iwona	Supervise On	10/28/2025 4:36:59 PM
SubDirectory	LB137681	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	W3248,W3213,W3149		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	PB170279BL	PB170279BL	MB	10/28/25 15:00		rubina	OK
2	Q3451-04	TP-11	SAM	10/28/25 15:03		rubina	OK
3	Q3451-04DUP	TP-11DUP	DUP	10/28/25 15:06		rubina	OK
4	Q3451-08	TP-12	SAM	10/28/25 15:09		rubina	OK
5	Q3452-04	JB-1	SAM	10/28/25 15:12		rubina	OK
6	Q3456-01	OILY-DEBRIS	SAM	10/28/25 15:14		rubina	OK
7	Q3460-04	WC-1	SAM	10/28/25 15:16		rubina	OK
8	Q3460-08	WC-2	SAM	10/28/25 15:18		rubina	OK
9	Q3460-12	WC-3	SAM	10/28/25 15:20		rubina	OK
10	Q3460-16	WC-4	SAM	10/28/25 15:23		rubina	OK
11	Q3460-20	WC-5	SAM	10/28/25 15:25		rubina	OK
12	Q3466-03	B8-0.0-1.0-20251023	SAM	10/28/25 15:28		rubina	OK
13	Q3469-04	TP-13	SAM	10/28/25 15:30		rubina	OK
14	Q3472-05	COMP-1	SAM	10/28/25 15:32		rubina	OK
15	Q3472-07	COMP-2	SAM	10/28/25 15:34		rubina	OK
16	Q3472-09	COMP-3	SAM	10/28/25 15:37		rubina	OK
17	Q3472-11	COMP-4	SAM	10/28/25 15:40		rubina	OK
18	Q3472-13	COMP-5	SAM	10/28/25 15:42		rubina	OK

Instrument ID: TITRAMETRIC

Daily Analysis Runlog For Sequence/QC Batch ID # LB137681

Review By	rubina	Review On	10/28/2025 4:34:41 PM
Supervise By	Iwona	Supervise On	10/28/2025 4:36:59 PM
SubDirectory	LB137681	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	W3248,W3213,W3149		

19	Q3472-15	155	SAM	10/28/25 15:45		rubina	OK
20	Q3472-17	142	SAM	10/28/25 15:47		rubina	OK
21	Q3472-18	137	SAM	10/28/25 15:50		rubina	OK

Instrument ID: FILTER/GRAVIMETRIC

Daily Analysis Runlog For Sequence/QC Batch ID # LB137748

Review By	rubina	Review On	11/3/2025 4:14:23 PM
Supervise By	Iwona	Supervise On	11/3/2025 4:22:18 PM
SubDirectory	LB137748	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	Q3466-02	B8-0.0-1.0-20251023	SAM	11/03/25 14:35		rubina	OK
2	Q3515-01	SU-04-103125	SAM	11/03/25 14:42		rubina	OK
3	Q3516-01	HD-01-103125	SAM	11/03/25 14:50		rubina	OK
4	Q3519-01	PL-01-103125	SAM	11/03/25 14:58		rubina	OK
5	Q3520-01	EO-02-103125	SAM	11/03/25 15:02		rubina	OK
6	Q3520-01DUP	EO-02-103125DUP	DUP	11/03/25 15:10		rubina	OK

LAB CHRONICLE

OrderID:	Q3466	OrderDate:	10/24/2025 3:18:10 PM
Client:	HDR, Inc.	Project:	PVWC Linear Construction
Contact:	Andrew Wadden	Location:	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3466-02	B8-0.0-1.0-20251023	SOIL			10/23/25 10:30			10/24/25
			Cyanide	9012B		10/28/25	10/28/25 13:30	
			Hexavalent Chromium	7196A		10/27/25	10/27/25 12:39	
			Paint Filter	9095B			11/03/25 14:35	
Q3466-03	B8-0.0-1.0-20251023	SOIL			10/23/25 10:30			10/24/25
			Corrosivity	9045D			10/27/25 14:55	
			Ignitability	1030			10/27/25 15:22	
			Reactive Cyanide	9012B		10/28/25	10/28/25 11:24	
			Reactive Sulfide	9034		10/28/25	10/28/25 15:28	
Q3466-05	B9-0.0-1.0-20251023	SOIL			10/23/25 11:50			10/24/25
			Cyanide	9012B		10/28/25	10/28/25 13:30	
Q3466-07	B7-1.0-2.0-20251023	SOIL			10/23/25 13:50			10/24/25
			Cyanide	9012B		10/28/25	10/28/25 13:37	

SOP ID : M3060A,7196A-Hex.Chromium-27

SDG No : N/A

Start Digest Date: 10/27/2025 **Time :** 09:00 **Temp :** 90 °C

Matrix : SOIL

End Digest Date: 10/27/2025 **Time :** 10:00 **Temp :** 95 °C

Pipette ID : WC

1/1 batch
10/27/2025 1025 90°C
10/27/2025 11:25 95°C

Balance ID : WC SC-7

Hood ID : HOOD#3

Digestion tube ID : M6054

Block Thermometer ID : WC-Block#1

Block ID : WC S-2, WC S-1

Filter paper ID : 400213

Prep Technician Signature: *RH*
Weigh By : RM

pH Meter ID : WC pH meter-1

Supervisor Signature: *12*

Standard Name	MLS USED	STD REF. # FROM LOG
PRE-DIGESTION SPIKE	2.0ML	WP113880
INSOLUBLE SPIKE	0.02GM	W2202
POST-DIGESTION SPIKE	2.0ML	WP113880
LCSS	1.0ML	WP113881
PBS003	50.ML	W3112

Chemical Used	ML/SAMPLE USED	Lot Number
MAGNESIUM CHLORIDE	0.4GM	W3152
PHOSPHATE BUFFER	0.5ML	WP112903
HEX. DIGESTION SOLN.	50.0ML	WP115338
5M HNO3	5-7ML	WP115339
5N H2SO4	1-3ML	WP115340
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	Vol(ml)	Comment
CAL1	CAL1	2.5ML	W3112
CAL2	CAL2	0.2ML	WP115333
CAL3	CAL3	0.5ML	WP115333
CAL4	CAL4	1ML	WP115333
CAL5	CAL5	0.2ML	WP113880
CAL6	CAL6	1ML	WP113880
CAL7	CAL7	2.0ML	WP113880
ICV	ICV	1ML	WP113881
ICB	ICB	2.5ML	W3112
CCV	CCV	1ML	WP113880
CCB	CCB	2.5ML	W3112

Extraction Conformance/Non-Conformance Comments:

10/27/2025 *PLH*

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
PB170253BL	PBS253	2.50	100	N/A	N/A	N/A	N/A	N/A	N/A
PB170253BS	LCS253	2.50	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3419-01DUP	PR-132-S16-015094-202510 21DUP	2.57	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3419-01MSPre	PR-132-S16-015094-202510 21MSPRE	2.57	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3419-01MS2Ins	PR-132-S16-015094-202510 21MS2INS	2.55	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3419-01MS3Post	PR-132-S16-015094-202510 21MS3POST	2.56	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3419-01	PR-132-S16-015094-202510 21	2.56	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3419-04	PR-132-S16-119133-202510 21	2.57	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3419-05	PR-132-S16-094119-202510 21	2.55	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3439-01	TP-9	2.52	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3439-05	TP-10	2.53	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3440-01	JB-2	2.55	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3445-01	EO-01-102325	2.57	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3449-01	CF-620-COMP-41	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3451-01	TP-11	2.56	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3451-05	TP-12	2.51	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3452-01	JB-1	2.55	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3457-01	TR-05-102425	2.53	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3460-01	WC-1	2.55	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3460-05	WC-2	2.52	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3460-09	WC-3	2.58	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3460-13	WC-4	2.56	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3460-17	WC-5	2.55	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3466-02	B8-0.0-1.0-20251023	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3466-05	B9-0.0-1.0-20251023	2.53	100	N/A	N/A	N/A	N/A	N/A	N/A

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
Q3466-07	B7-1.0-2.0-20251023	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A

A
B
C
D
E
F

SOP ID : M9030B-Sulfide-13

SDG No : N/A

Matrix : SOIL

Pipette ID : WC

Balance ID : WC SC-7

Hood ID : HOOD#2

Block ID : WC-DIST-BLOCK-1

Weigh By : RM

Start Digest Date: 10/28/2025 Time : 09:05 Temp : N/A

End Digest Date: 10/28/2025 Time : 10:35 Temp : N/A

1st batch 10/28/2025 11:05
10/28/2025 12:35
2nd batch 10/28/2025 13:00
10/28/2025 14:30

Digestion tube ID : M5595

Block Thermometer ID : N/A

Filter paper ID : N/A

Prep Technician Signature: RM

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
0.5M ZINC ACETATE	5.0ML	WP114311
FORMALDEHYDE	2.0ML	W3220
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:

10/28/2025 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
PB170279BL	PBS279	5.00	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3451-04DUP	TP-11DUP	5.07	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3451-04	TP-11	5.07	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3451-08	TP-12	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3452-04	JB-1	5.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3456-01	OILY-DEBRIS	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3460-04	WC-1	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3460-08	WC-2	5.05	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3460-12	WC-3	5.06	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3460-16	WC-4	5.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3460-20	WC-5	5.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3466-03	B8-0.0-1.0-20251023	5.07	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3469-04	TP-13	5.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3472-05	COMP-1	5.08	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3472-07	COMP-2	5.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3472-09	COMP-3	5.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3472-11	COMP-4	5.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3472-13	COMP-5	5.06	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3472-15	155	5.08	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3472-17	142	5.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3472-18	137	5.03	50	N/A	N/A	N/A	N/A	N/A	N/A

SOP ID : M9012B-Total, Amenable and Reactive Cyanide-21

SDG No : N/A

Start Digest Date: 10/28/2025 Time : 08:50 Temp : N/A

Matrix : SOIL

End Digest Date: 10/28/2025 Time : 10:20 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: RM

Weigh By : RM

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	WP113836
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
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
10/28/2025 10:35	RM CWG	RM CWG
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB170280BL	PBS280	5.00	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3456-01DUP	OILY-DEBRISDUP	5.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3456-01	OILY-DEBRIS	5.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3460-04	WC-1	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3460-08	WC-2	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3460-12	WC-3	5.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3460-16	WC-4	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3460-20	WC-5	5.05	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3466-03	B8-0.0-1.0-20251023	5.07	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3469-04	TP-13	5.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3472-05	COMP-1	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3472-07	COMP-2	5.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3472-09	COMP-3	5.07	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3472-11	COMP-4	5.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3472-13	COMP-5	5.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3472-15	155	5.05	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3472-17	142	5.08	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3472-18	137	5.01	50	N/A	N/A	N/A	N/A	N/A	N/A

SOP ID : M9012B-Total, Amenable and Reactive Cyanide-21

SDG No : N/A

Start Digest Date: 10/28/2025 Time : 11:00 Temp : 123 °C

Matrix : SOIL

End Digest Date: 10/28/2025 Time : 12:30 Temp : 127 °C

Pipette ID : WC

Balance ID : WC SC-7

Hood ID : HOOD#1

Digestion tube ID : M5595

Block Thermometer ID : WC CYANIDE

Block ID : MC-1,MC-2

Filter paper ID : N/A

Prep Technician Signature: *JP*

Weigh By : JP

pH Meter ID : N/A

Supervisor Signature: *12*

Standard Name	MLS USED	STD REF. # FROM LOG
LCSS	1.0ML	WP113838
MS/MSD SPIKE SOL.	0.40ML	WP113837
PBS003	50.0ML	W3112
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
0.25N NaOH	50.0ML	WP113836
50% v/v H2SO4	5.0ML	WP115334
51% w/v MgCl2	2.0ML	WP115335
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	Wt(g)/Vol(ml)	Comment
S0	S0	N/A	N/A
S5.0	S5.0	N/A	N/A
S10.0	S10.0	N/A	N/A
S100.0	S100.0	N/A	N/A
S250.0	S250.0	N/A	N/A
S500.0	S500.0	N/A	N/A
ICV	ICV	0.5ML	W3012
ICB	ICB	N/A	N/A
CCV	CCV	N/A	N/A
CCB	CCB	N/A	N/A
Midrange	Midrange	N/A	N/A
HIGHSTD	HIGHSTD	5.0ML	WP113837
LOWSTD	LOWSTD	0.1ML	WP113837

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/28/2025 12:45	<i>JP</i> / WC	<i>RH WC</i>
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB170281BL	PBS281	1.00	50	N/A	N/A	N/A	N/A	N/A	N/A
PB170281BS	LCS281	1.00	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3466-02	B8-0.0-1.0-20251023	1.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3466-05	B9-0.0-1.0-20251023	1.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3466-07	B7-1.0-2.0-20251023	1.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3466-07DUP	B7-1.0-2.0-20251023DUP	1.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3466-07MS	B7-1.0-2.0-20251023MS	1.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3466-07MSD	B7-1.0-2.0-20251023MSD	1.02	50	N/A	N/A	N/A	N/A	N/A	N/A