

LAB CHRONICLE

OrderID:	Q2473	OrderDate:	7/1/2025 12:14:15 PM
Client:	JPCL Engineering	Project:	NOHO RFI No. SC64025 NYC
Contact:	Paul Rotondi	Location:	--Select--,A12,A43,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2473-01	PIT#1	SOIL			07/01/25 08:20			07/01/25
			Corrosivity	9045D			07/02/25 10:00	
			Cyanide	9012B		07/02/25	07/02/25 11:40	
			Ignitability	1030			07/02/25 08:55	
			Reactive Cyanide	9012B		07/01/25	07/02/25 10:16	
			Reactive Sulfide	9034		07/03/25	07/03/25 16:33	
Q2473-02	PIT#2	SOIL			07/01/25 08:30			07/01/25
			Corrosivity	9045D			07/02/25 10:10	
			Cyanide	9012B		07/02/25	07/02/25 11:48	
			Ignitability	1030			07/02/25 09:10	
			Reactive Cyanide	9012B		07/01/25	07/02/25 10:27	
			Reactive Sulfide	9034		07/03/25	07/03/25 16:35	
Q2473-03	PIT#3	SOIL			07/01/25 08:40			07/01/25
			Corrosivity	9045D			07/02/25 10:25	
			Cyanide	9012B		07/02/25	07/02/25 11:48	

LAB CHRONICLE

Q2473-04	PIT#4	SOIL	Ignitability	1030			07/02/25 09:18	
			Reactive Cyanide	9012B		07/01/25	07/02/25 10:27	
			Reactive Sulfide	9034		07/03/25	07/03/25 16:37	
						07/01/25 08:50		07/01/25
			Corrosivity	9045D			07/02/25 10:30	
			Cyanide	9012B		07/02/25	07/02/25 11:48	
			Ignitability	1030			07/02/25 09:25	
			Reactive Cyanide	9012B		07/01/25	07/02/25 10:27	
			Reactive Sulfide	9034		07/03/25	07/03/25 16:39	



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	JPCL Engineering	Date Collected:	07/01/25 08:20
Project:	NOHO RFI No. SC64025 NYC	Date Received:	07/01/25
Client Sample ID:	PIT#1	SDG No.:	Q2473
Lab Sample ID:	Q2473-01	Matrix:	SOIL
		% Solid:	90

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	11.3	H	1	0	0	pH		07/02/25 10:00	9045D
Cyanide	0.17	J	1	0.046	0.28	mg/Kg	07/02/25 08:30	07/02/25 11:40	9012B
Ignitability	NO		1	0	0	oC		07/02/25 08:55	1030
Reactive Cyanide	0.0083	U	1	0.0083	0.049	mg/Kg	07/01/25 14:35	07/02/25 10:16	9012B
Reactive Sulfide	6.36	J	1	0.20	10.0	mg/Kg	07/03/25 14:00	07/03/25 16:33	9034

Comments: pH result reported at temperature 24.0 °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:	JPCL Engineering	Date Collected:	07/01/25 08:30
Project:	NOHO RFI No. SC64025 NYC	Date Received:	07/01/25
Client Sample ID:	PIT#2	SDG No.:	Q2473
Lab Sample ID:	Q2473-02	Matrix:	SOIL
		% Solid:	90.1

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	11.1	H	1	0	0	pH		07/02/25 10:10	9045D
Cyanide	0.064	J	1	0.046	0.27	mg/Kg	07/02/25 08:30	07/02/25 11:48	9012B
Ignitability	NO		1	0	0	oC		07/02/25 09:10	1030
Reactive Cyanide	0.0084	U	1	0.0084	0.050	mg/Kg	07/01/25 14:35	07/02/25 10:27	9012B
Reactive Sulfide	6.34	J	1	0.20	10.0	mg/Kg	07/03/25 14:00	07/03/25 16:35	9034

Comments: pH result reported at temperature 23.8 °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.

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OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	JPCL Engineering	Date Collected:	07/01/25 08:40
Project:	NOHO RFI No. SC64025 NYC	Date Received:	07/01/25
Client Sample ID:	PIT#3	SDG No.:	Q2473
Lab Sample ID:	Q2473-03	Matrix:	SOIL
		% Solid:	88.4

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	10.8	H	1	0	0	pH		07/02/25 10:25	9045D
Cyanide	0.21	J	1	0.046	0.27	mg/Kg	07/02/25 08:30	07/02/25 11:48	9012B
Ignitability	NO		1	0	0	oC		07/02/25 09:18	1030
Reactive Cyanide	0.0084	U	1	0.0084	0.050	mg/Kg	07/01/25 14:35	07/02/25 10:27	9012B
Reactive Sulfide	3.16	J	1	0.20	10.0	mg/Kg	07/03/25 14:00	07/03/25 16:37	9034

Comments: pH result reported at temperature 23.7 °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:	JPCL Engineering	Date Collected:	07/01/25 08:50
Project:	NOHO RFI No. SC64025 NYC	Date Received:	07/01/25
Client Sample ID:	PIT#4	SDG No.:	Q2473
Lab Sample ID:	Q2473-04	Matrix:	SOIL
		% Solid:	90.7

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	11.3	H	1	0	0	pH		07/02/25 10:30	9045D
Cyanide	0.25	J	1	0.046	0.27	mg/Kg	07/02/25 08:30	07/02/25 11:48	9012B
Ignitability	NO		1	0	0	oC		07/02/25 09:25	1030
Reactive Cyanide	0.0083	U	1	0.0083	0.050	mg/Kg	07/01/25 14:35	07/02/25 10:27	9012B
Reactive Sulfide	6.37	J	1	0.20	10.0	mg/Kg	07/03/25 14:00	07/03/25 16:39	9034

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

QC RESULT SUMMARY

Initial and Continuing Calibration Verification

Client: JPCL Engineering

SDG No.: Q2473

Project: NOHO RFI No. SC64025 NYC

RunNo.: LB136351

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: Corrosivity	ICV	pH	7.02	7	100	90-110	07/02/2025
Sample ID: Corrosivity	CCV1	pH	2.02	2.00	101	90-110	07/02/2025
Sample ID: Corrosivity	CCV2	pH	12.02	12.00	100	90-110	07/02/2025

Initial and Continuing Calibration Verification

Client: JPCL Engineering

SDG No.: Q2473

Project: NOHO RFI No. SC64025 NYC

RunNo.: LB136353

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Reactive Cyanide	mg/L	0.097	0.099	98	85-115	07/02/2025
Sample ID: CCV1 Reactive Cyanide	mg/L	0.24	0.25	96	90-110	07/02/2025
Sample ID: CCV2 Reactive Cyanide	mg/L	0.25	0.25	100	90-110	07/02/2025
Sample ID: CCV3 Reactive Cyanide	mg/L	0.25	0.25	100	90-110	07/02/2025

Initial and Continuing Calibration Verification

Client: JPCL Engineering

SDG No.: Q2473

Project: NOHO RFI No. SC64025 NYC

RunNo.: LB136358

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Cyanide	mg/L	0.096	0.099	97	90-110	07/02/2025
Sample ID: CCV1 Cyanide	mg/L	0.24	0.25	96	90-110	07/02/2025
Sample ID: CCV2 Cyanide	mg/L	0.24	0.25	96	90-110	07/02/2025
Sample ID: CCV3 Cyanide	mg/L	0.25	0.25	100	90-110	07/02/2025
Sample ID: CCV4 Cyanide	mg/L	0.25	0.25	100	90-110	07/02/2025

Initial and Continuing Calibration Blank Summary

Client: JPCL Engineering

SDG No.: Q2473

Project: NOHO RFI No. SC64025 NYC

RunNo.: LB136353

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	07/02/2025
Sample ID: CCB1 Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	07/02/2025
Sample ID: CCB2 Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	07/02/2025
Sample ID: CCB3 Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	07/02/2025

Initial and Continuing Calibration Blank Summary

Client: JPCL Engineering

SDG No.: Q2473

Project: NOHO RFI No. SC64025 NYC

RunNo.: LB136358

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	07/02/2025
Sample ID: CCB1 Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	07/02/2025
Sample ID: CCB2 Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	07/02/2025
Sample ID: CCB3 Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	07/02/2025
Sample ID: CCB4 Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	07/02/2025

Preparation Blank Summary

Client: JPCL Engineering

SDG No.: Q2473

Project: NOHO RFI No. SC64025 NYC

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: PB168681BL							
Reactive Cyanide	mg/Kg	< 0.0250	0.0250	U	0.0084	0.05	07/02/2025
Sample ID: PB168682BL							
Reactive Sulfide	mg/Kg	< 5.0000	5.0000	U	0.201	10	07/03/2025
Sample ID: PB168686BL							
Cyanide	mg/Kg	< 0.1250	0.1250	U	0.042	0.25	07/02/2025

Matrix Spike Summary

Client:	JPCL Engineering	SDG No.:	Q2473
Project:	NOHO RFI No. SC64025 NYC	Sample ID:	Q2473-01
Client ID:	PIT#1MS	Percent Solids for Spike Sample:	90

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	1.80		0.17	J	2.2	1	74	*	07/02/2025

Matrix Spike Summary

Client:	JPCL Engineering	SDG No.:	Q2473
Project:	NOHO RFI No. SC64025 NYC	Sample ID:	Q2473-01
Client ID:	PIT#1MSD	Percent Solids for Spike Sample:	90

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	1.80		0.17	J	2.2	1	74	*	07/02/2025

Duplicate Sample Summary

Client:	JPCL Engineering	SDG No.:	Q2473
Project:	NOHO RFI No. SC64025 NYC	Sample ID:	Q2447-08
Client ID:	COMP-1DUP	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	0.0084	U	0.0084	U	1	0		07/02/2025
Reactive Sulfide	mg/Kg	+/-20	1.58	J	1.58	J	1	0		07/03/2025

Duplicate Sample Summary

Client: JPCL Engineering Project: NOHO RFI No. SC64025 NYC Client ID: PIT#1DUP	SDG No.: Q2473 Sample ID: Q2473-01 Percent Solids for Spike Sample: 90
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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	0.16	J	1	6		07/02/2025
Ignitability	oC	+/-20	NO		NO		1	0		07/02/2025

Duplicate Sample Summary

Client:	JPCL Engineering	SDG No.:	Q2473
Project:	NOHO RFI No. SC64025 NYC	Sample ID:	Q2473-01
Client ID:	PIT#1MSD	Percent Solids for Spike Sample:	90

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Cyanide	mg/Kg	+/-20	1.80		1.80		1	0		07/02/2025

Duplicate Sample Summary

Client:	JPCL Engineering	SDG No.:	Q2473
Project:	NOHO RFI No. SC64025 NYC	Sample ID:	Q2478-04
Client ID:	WC-1DUP	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
Corrosivity	pH	+/-20	8.91		8.92		1	0.11		07/02/2025

Laboratory Control Sample Summary

Client:	JPCL Engineering	SDG No.:	Q2473
Project:	NOHO RFI No. SC64025 NYC	Run No.:	LB136358

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB168686BS							
Cyanide	mg/Kg	5	4.80		96	1	85-115	07/02/2025