

LAB CHRONICLE

OrderID: Q3881	OrderDate: 12/15/2025 3:02:08 PM
Client: JPCL Engineering	Project: Sunnyside Yard
Contact: Paul Rotondi	Location: --Select--,D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3881-03	DM-X-76	SOIL			12/15/25 12:00			12/15/25
			Corrosivity	9045D			12/16/25 09:37	
			Ignitability	1030			12/16/25 14:30	
			Reactive Cyanide	9012B		12/17/25	12/17/25 13:23	
			Reactive Sulfide	9034		12/16/25	12/16/25 13:50	



SAMPLE DATA

A

B

C

D

Report of Analysis

Client: JPCL Engineering
Project: Sunnyside Yard
Client Sample ID: DM-X-76
Lab Sample ID: Q3881-03

Date Collected: 12/15/25 12:00
Date Received: 12/15/25
SDG No.: Q3881
Matrix: SOIL
% Solid: 100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	11.7	H	1	0	0	pH		12/16/25 09:37	9045D
Ignitability	NO		1	0	0	oC		12/16/25 14:30	1030
Reactive Cyanide	0.0088	J	1	0.0083	0.050	mg/Kg	12/17/25 10:10	12/17/25 13:23	9012B
Reactive Sulfide	3.16	J	1	0.20	10.0	mg/Kg	12/16/25 09:30	12/16/25 13:50	9034

Comments: pH result reported at temperature 20.6 °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

QC RESULT SUMMARY

Initial and Continuing Calibration Verification

Client: JPCL Engineering

SDG No.: Q3881

Project: Sunnyside Yard

RunNo.: LB138228

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: Corrosivity	ICV	pH	7.01	7	100	90-110	12/16/2025
Sample ID: Corrosivity	CCV1	pH	2.01	2.00	101	90-110	12/16/2025
Sample ID: Corrosivity	CCV2	pH	12.02	12.00	100	90-110	12/16/2025

Initial and Continuing Calibration Verification

Client: JPCL Engineering

SDG No.: Q3881

Project: Sunnyside Yard

RunNo.: LB138254

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	12/17/2025
Sample ID: CCV1 Reactive Cyanide	mg/L	0.24	0.25	96	90-110	12/17/2025
Sample ID: CCV2 Reactive Cyanide	mg/L	0.24	0.25	96	90-110	12/17/2025

Initial and Continuing Calibration Blank Summary

Client: JPCL Engineering

SDG No.: Q3881

Project: Sunnyside Yard

RunNo.: LB138254

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	12/17/2025
Sample ID: CCB1 Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	12/17/2025
Sample ID: CCB2 Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	12/17/2025

Preparation Blank Summary

Client: JPCL Engineering

SDG No.: Q3881

Project: Sunnyside Yard

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: PB170959BL							
Reactive Sulfide	mg/Kg	< 5.0000	5.0000	U	0.201	10	12/16/2025
Sample ID: PB170980BL							
Reactive Cyanide	mg/Kg	< 0.0250	0.0250	U	0.0084	0.05	12/17/2025

Duplicate Sample Summary

Client:	JPCL Engineering	SDG No.:	Q3881
Project:	Sunnyside Yard	Sample ID:	Q3852-01
Client ID:	TK 9&10 12"DUP	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		12/16/2025

Duplicate Sample Summary

Client: JPCL Engineering Project: Sunnyside Yard Client ID: TP01-MH11DUP	SDG No.: Q3881 Sample ID: Q3853-04 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	1.58	J	1.58	J	1	0		12/16/2025

Duplicate Sample Summary

Client:	JPCL Engineering	SDG No.:	Q3881
Project:	Sunnyside Yard	Sample ID:	Q3880-01
Client ID:	BG-SET-2DUP	Percent Solids for Spike Sample:	99.8

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
Reactive Cyanide	mg/Kg	+/-20	0.0092	J	0.0096	J	1	4		12/17/2025

Duplicate Sample Summary

Client:	JPCL Engineering	SDG No.:	Q3881
Project:	Sunnyside Yard	Sample ID:	Q3881-03
Client ID:	DM-X-76DUP	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	11.7		11.7		1	0.17		12/16/2025
Ignitability	oC	+/-20	NO		NO		1	0		12/16/2025