

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Brooklyn Navy Yard Building 50 SI
Client Sample ID: B50-SP4-112525
Lab Sample ID: Q3741-06
Level (low/med): low

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 85.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5990	*	1	0.81	4.81	mg/Kg	12/02/25 09:30	12/02/25 14:47	6010D	SW3050
7440-36-0	Antimony	0.21	UN	1	0.21	2.41	mg/Kg	12/02/25 09:30	12/02/25 14:47	6010D	SW3050
7440-38-2	Arsenic	8.81		1	0.18	0.96	mg/Kg	12/02/25 09:30	12/02/25 14:47	6010D	SW3050
7440-39-3	Barium	97.3	N*	1	0.70	4.81	mg/Kg	12/02/25 09:30	12/02/25 14:47	6010D	SW3050
7440-41-7	Beryllium	0.55		1	0.024	0.29	mg/Kg	12/02/25 09:30	12/02/25 14:47	6010D	SW3050
7440-43-9	Cadmium	0.78		1	0.023	0.29	mg/Kg	12/02/25 09:30	12/02/25 14:47	6010D	SW3050
7440-70-2	Calcium	10700	*	1	10.7	96.2	mg/Kg	12/02/25 09:30	12/02/25 14:47	6010D	SW3050
7440-47-3	Chromium	11.7		1	0.045	0.48	mg/Kg	12/02/25 09:30	12/02/25 14:47	6010D	SW3050
7440-48-4	Cobalt	7.04		1	0.096	1.44	mg/Kg	12/02/25 09:30	12/02/25 14:47	6010D	SW3050
7440-50-8	Copper	88.8	N	1	0.21	0.96	mg/Kg	12/02/25 09:30	12/02/25 14:47	6010D	SW3050
7439-89-6	Iron	13600	*	1	3.84	4.81	mg/Kg	12/02/25 09:30	12/02/25 14:47	6010D	SW3050
7439-92-1	Lead	315	N*	1	0.13	0.58	mg/Kg	12/02/25 09:30	12/02/25 14:47	6010D	SW3050
7439-95-4	Magnesium	2510		1	11.5	96.2	mg/Kg	12/02/25 09:30	12/02/25 14:47	6010D	SW3050
7439-96-5	Manganese	215		1	0.14	0.96	mg/Kg	12/02/25 09:30	12/02/25 14:47	6010D	SW3050
7439-97-6	Mercury	2.97	DN	5	0.043	0.077	mg/Kg	12/05/25 08:35	12/09/25 13:13	7471B	M7471B
7440-02-0	Nickel	20.5		1	0.13	1.92	mg/Kg	12/02/25 09:30	12/02/25 14:47	6010D	SW3050
7440-09-7	Potassium	1330		1	26.7	96.2	mg/Kg	12/02/25 09:30	12/02/25 14:47	6010D	SW3050
7782-49-2	Selenium	0.25	U	1	0.25	0.96	mg/Kg	12/02/25 09:30	12/02/25 14:47	6010D	SW3050
7440-22-4	Silver	1.02		1	0.12	0.48	mg/Kg	12/02/25 09:30	12/02/25 14:47	6010D	SW3050
7440-23-5	Sodium	513	N	1	17.1	96.2	mg/Kg	12/02/25 09:30	12/02/25 14:47	6010D	SW3050
7440-28-0	Thallium	0.31	J	1	0.22	1.92	mg/Kg	12/02/25 09:30	12/02/25 14:47	6010D	SW3050
7440-62-2	Vanadium	18.7	N	1	0.24	1.92	mg/Kg	12/02/25 09:30	12/02/25 14:47	6010D	SW3050
7440-66-6	Zinc	209	*	1	0.22	1.92	mg/Kg	12/02/25 09:30	12/02/25 14:47	6010D	SW3050

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

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