

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Brooklyn Navy Yard Building 50 SI
Client Sample ID: B50-SP11-112525
Lab Sample ID: Q3741-05
Level (low/med): low

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 84.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4200	*	1	0.96	5.71	mg/Kg	12/02/25 09:30	12/02/25 14:33	6010D	SW3050
7440-36-0	Antimony	0.25	UN	1	0.25	2.86	mg/Kg	12/02/25 09:30	12/02/25 14:33	6010D	SW3050
7440-38-2	Arsenic	20.4		1	0.22	1.14	mg/Kg	12/02/25 09:30	12/02/25 14:33	6010D	SW3050
7440-39-3	Barium	53.2	N*	1	0.83	5.71	mg/Kg	12/02/25 09:30	12/02/25 14:33	6010D	SW3050
7440-41-7	Beryllium	0.78		1	0.029	0.34	mg/Kg	12/02/25 09:30	12/02/25 14:33	6010D	SW3050
7440-43-9	Cadmium	3.96		1	0.027	0.34	mg/Kg	12/02/25 09:30	12/02/25 14:33	6010D	SW3050
7440-70-2	Calcium	31500	*	1	12.7	114	mg/Kg	12/02/25 09:30	12/02/25 14:33	6010D	SW3050
7440-47-3	Chromium	15.9		1	0.054	0.57	mg/Kg	12/02/25 09:30	12/02/25 14:33	6010D	SW3050
7440-48-4	Cobalt	5.41		1	0.11	1.71	mg/Kg	12/02/25 09:30	12/02/25 14:33	6010D	SW3050
7440-50-8	Copper	44.3	N	1	0.25	1.14	mg/Kg	12/02/25 09:30	12/02/25 14:33	6010D	SW3050
7439-89-6	Iron	25800	*	1	4.56	5.71	mg/Kg	12/02/25 09:30	12/02/25 14:33	6010D	SW3050
7439-92-1	Lead	119	N*	1	0.15	0.69	mg/Kg	12/02/25 09:30	12/02/25 14:33	6010D	SW3050
7439-95-4	Magnesium	1650		1	13.7	114	mg/Kg	12/02/25 09:30	12/02/25 14:33	6010D	SW3050
7439-96-5	Manganese	162		1	0.16	1.14	mg/Kg	12/02/25 09:30	12/02/25 14:33	6010D	SW3050
7439-97-6	Mercury	0.16	N	1	0.0080	0.015	mg/Kg	12/05/25 08:35	12/05/25 15:03	7471B	M7471B
7440-02-0	Nickel	11.6		1	0.15	2.28	mg/Kg	12/02/25 09:30	12/02/25 14:33	6010D	SW3050
7440-09-7	Potassium	1100		1	31.6	114	mg/Kg	12/02/25 09:30	12/02/25 14:33	6010D	SW3050
7782-49-2	Selenium	0.30	U	1	0.30	1.14	mg/Kg	12/02/25 09:30	12/02/25 14:33	6010D	SW3050
7440-22-4	Silver	1.43		1	0.14	0.57	mg/Kg	12/02/25 09:30	12/02/25 14:33	6010D	SW3050
7440-23-5	Sodium	1450	N	1	20.3	114	mg/Kg	12/02/25 09:30	12/02/25 14:33	6010D	SW3050
7440-28-0	Thallium	0.26	U	1	0.26	2.28	mg/Kg	12/02/25 09:30	12/02/25 14:33	6010D	SW3050
7440-62-2	Vanadium	14.2	N	1	0.29	2.28	mg/Kg	12/02/25 09:30	12/02/25 14:33	6010D	SW3050
7440-66-6	Zinc	125	*	1	0.26	2.28	mg/Kg	12/02/25 09:30	12/02/25 14:33	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