

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Brooklyn Navy Yard Building 50 SI
Client Sample ID: B50-SP9-112425
Lab Sample ID: Q3741-04
Level (low/med): low

Date Collected: 11/24/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 85.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4980	*	1	0.87	5.19	mg/Kg	12/02/25 09:30	12/02/25 14:28	6010D	SW3050
7440-36-0	Antimony	0.23	UN	1	0.23	2.60	mg/Kg	12/02/25 09:30	12/02/25 14:28	6010D	SW3050
7440-38-2	Arsenic	18.1		1	0.20	1.04	mg/Kg	12/02/25 09:30	12/02/25 14:28	6010D	SW3050
7440-39-3	Barium	164	N*	1	0.76	5.19	mg/Kg	12/02/25 09:30	12/02/25 14:28	6010D	SW3050
7440-41-7	Beryllium	0.68		1	0.026	0.31	mg/Kg	12/02/25 09:30	12/02/25 14:28	6010D	SW3050
7440-43-9	Cadmium	1.07		1	0.025	0.31	mg/Kg	12/02/25 09:30	12/02/25 14:28	6010D	SW3050
7440-70-2	Calcium	12400	*	1	11.5	104	mg/Kg	12/02/25 09:30	12/02/25 14:28	6010D	SW3050
7440-47-3	Chromium	7.29		1	0.049	0.52	mg/Kg	12/02/25 09:30	12/02/25 14:28	6010D	SW3050
7440-48-4	Cobalt	7.58		1	0.10	1.56	mg/Kg	12/02/25 09:30	12/02/25 14:28	6010D	SW3050
7440-50-8	Copper	290	N	1	0.23	1.04	mg/Kg	12/02/25 09:30	12/02/25 14:28	6010D	SW3050
7439-89-6	Iron	18300	*	1	4.14	5.19	mg/Kg	12/02/25 09:30	12/02/25 14:28	6010D	SW3050
7439-92-1	Lead	301	N*	1	0.14	0.62	mg/Kg	12/02/25 09:30	12/02/25 14:28	6010D	SW3050
7439-95-4	Magnesium	2500		1	12.5	104	mg/Kg	12/02/25 09:30	12/02/25 14:28	6010D	SW3050
7439-96-5	Manganese	218		1	0.14	1.04	mg/Kg	12/02/25 09:30	12/02/25 14:28	6010D	SW3050
7439-97-6	Mercury	2.01	DN	5	0.039	0.070	mg/Kg	12/05/25 08:35	12/09/25 13:10	7471B	M7471B
7440-02-0	Nickel	20.8		1	0.14	2.08	mg/Kg	12/02/25 09:30	12/02/25 14:28	6010D	SW3050
7440-09-7	Potassium	1720		1	28.8	104	mg/Kg	12/02/25 09:30	12/02/25 14:28	6010D	SW3050
7782-49-2	Selenium	0.27	U	1	0.27	1.04	mg/Kg	12/02/25 09:30	12/02/25 14:28	6010D	SW3050
7440-22-4	Silver	1.26		1	0.13	0.52	mg/Kg	12/02/25 09:30	12/02/25 14:28	6010D	SW3050
7440-23-5	Sodium	1590	N	1	18.5	104	mg/Kg	12/02/25 09:30	12/02/25 14:28	6010D	SW3050
7440-28-0	Thallium	0.24	U	1	0.24	2.08	mg/Kg	12/02/25 09:30	12/02/25 14:28	6010D	SW3050
7440-62-2	Vanadium	15.7	N	1	0.26	2.08	mg/Kg	12/02/25 09:30	12/02/25 14:28	6010D	SW3050
7440-66-6	Zinc	256	*	1	0.24	2.08	mg/Kg	12/02/25 09:30	12/02/25 14:28	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