

Report of Analysis

Client:	RU2 Engineering, LLC	Date Collected:	01/28/25
Project:	NYCDDC SANTWOBR Brooklyn Bridge BBMCR	Date Received:	01/29/25
Client Sample ID:	JPP-21.1-012825	SDG No.:	Q1216
Lab Sample ID:	Q1216-07	Matrix:	SOIL
Level (low/med):	low	% Solid:	90.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Rep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	3520		1	2.24	4.65	mg/Kg	01/30/25 10:15	01/30/25 16:45	SW6010	SW3050
7440-36-0	Antimony	0.47	JN	1	0.14	2.32	mg/Kg	01/30/25 10:15	01/30/25 16:45	SW6010	SW3050
7440-38-2	Arsenic	5.24		1	0.27	0.93	mg/Kg	01/30/25 10:15	01/30/25 16:45	SW6010	SW3050
7440-39-3	Barium	69.7	N	1	0.60	4.65	mg/Kg	01/30/25 10:15	01/30/25 16:45	SW6010	SW3050
7440-41-7	Beryllium	0.29		1	0.011	0.28	mg/Kg	01/30/25 10:15	01/30/25 16:45	SW6010	SW3050
7440-43-9	Cadmium	0.19	J	1	0.015	0.28	mg/Kg	01/30/25 10:15	01/30/25 16:45	SW6010	SW3050
7440-70-2	Calcium	48300		1	2.60	93.0	mg/Kg	01/30/25 10:15	01/30/25 16:45	SW6010	SW3050
7440-47-3	Chromium	18.6	N	1	0.050	0.47	mg/Kg	01/30/25 10:15	01/30/25 16:45	SW6010	SW3050
7440-48-4	Cobalt	4.70	N	1	0.054	1.39	mg/Kg	01/30/25 10:15	01/30/25 16:45	SW6010	SW3050
7440-50-8	Copper	41.0	N	1	0.44	0.93	mg/Kg	01/30/25 10:15	01/30/25 16:45	SW6010	SW3050
7439-89-6	Iron	9070		1	2.50	4.65	mg/Kg	01/30/25 10:15	01/30/25 16:45	SW6010	SW3050
7439-92-1	Lead	180		1	0.14	0.56	mg/Kg	01/30/25 10:15	01/30/25 16:45	SW6010	SW3050
7439-95-4	Magnesium	4620		1	3.19	93.0	mg/Kg	01/30/25 10:15	01/30/25 16:45	SW6010	SW3050
7439-96-5	Manganese	132		1	0.066	0.93	mg/Kg	01/30/25 10:15	01/30/25 16:45	SW6010	SW3050
7439-97-6	Mercury	0.31		1	0.0060	0.014	mg/Kg	01/30/25 16:50	01/31/25 13:38	SW7471B	
7440-02-0	Nickel	20.6		1	0.084	1.86	mg/Kg	01/30/25 10:15	01/30/25 16:45	SW6010	SW3050
7440-09-7	Potassium	916	N	1	26.7	93.0	mg/Kg	01/30/25 10:15	01/30/25 16:45	SW6010	SW3050
7782-49-2	Selenium	0.93	U	1	0.31	0.93	mg/Kg	01/30/25 10:15	01/30/25 16:45	SW6010	SW3050
7440-22-4	Silver	0.20	J	1	0.048	0.47	mg/Kg	01/30/25 10:15	01/30/25 16:45	SW6010	SW3050
7440-23-5	Sodium	2410	N	1	33.6	93.0	mg/Kg	01/30/25 10:15	01/30/25 16:45	SW6010	SW3050
7440-28-0	Thallium	1.86	U	1	0.41	1.86	mg/Kg	01/30/25 10:15	01/30/25 16:45	SW6010	SW3050
7440-62-2	Vanadium	11.8	N	1	0.25	1.86	mg/Kg	01/30/25 10:15	01/30/25 16:45	SW6010	SW3050
7440-66-6	Zinc	133	N	1	0.10	1.86	mg/Kg	01/30/25 10:15	01/30/25 16:45	SW6010	SW3050

Color Before: Brown	Clarity Before:	Texture: Medium
Color After: Yellow	Clarity After:	Artifacts:
Comments: METALS-TAL		

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