

## 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-18.1-012825	SDG No.:	Q1216
Lab Sample ID:	Q1216-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	83.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Rep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5160		1	2.86	5.94	mg/Kg	01/30/25 10:15	01/30/25 16:41	SW6010	SW3050
7440-36-0	Antimony	0.72	JN	1	0.18	2.97	mg/Kg	01/30/25 10:15	01/30/25 16:41	SW6010	SW3050
7440-38-2	Arsenic	6.99		1	0.35	1.19	mg/Kg	01/30/25 10:15	01/30/25 16:41	SW6010	SW3050
7440-39-3	Barium	80.5	N	1	0.76	5.94	mg/Kg	01/30/25 10:15	01/30/25 16:41	SW6010	SW3050
7440-41-7	Beryllium	0.39		1	0.014	0.36	mg/Kg	01/30/25 10:15	01/30/25 16:41	SW6010	SW3050
7440-43-9	Cadmium	0.17	J	1	0.019	0.36	mg/Kg	01/30/25 10:15	01/30/25 16:41	SW6010	SW3050
7440-70-2	Calcium	48300		1	3.33	119	mg/Kg	01/30/25 10:15	01/30/25 16:41	SW6010	SW3050
7440-47-3	Chromium	17.4	N	1	0.064	0.59	mg/Kg	01/30/25 10:15	01/30/25 16:41	SW6010	SW3050
7440-48-4	Cobalt	6.13	N	1	0.069	1.78	mg/Kg	01/30/25 10:15	01/30/25 16:41	SW6010	SW3050
7440-50-8	Copper	68.6	N	1	0.56	1.19	mg/Kg	01/30/25 10:15	01/30/25 16:41	SW6010	SW3050
7439-89-6	Iron	12700		1	3.20	5.94	mg/Kg	01/30/25 10:15	01/30/25 16:41	SW6010	SW3050
7439-92-1	Lead	298		1	0.18	0.71	mg/Kg	01/30/25 10:15	01/30/25 16:41	SW6010	SW3050
7439-95-4	Magnesium	8860		1	4.08	119	mg/Kg	01/30/25 10:15	01/30/25 16:41	SW6010	SW3050
7439-96-5	Manganese	195		1	0.084	1.19	mg/Kg	01/30/25 10:15	01/30/25 16:41	SW6010	SW3050
7439-97-6	Mercury	0.49		1	0.0070	0.015	mg/Kg	01/30/25 16:50	01/31/25 13:35	SW7471B	
7440-02-0	Nickel	18.3		1	0.11	2.38	mg/Kg	01/30/25 10:15	01/30/25 16:41	SW6010	SW3050
7440-09-7	Potassium	1400	N	1	34.1	119	mg/Kg	01/30/25 10:15	01/30/25 16:41	SW6010	SW3050
7782-49-2	Selenium	1.19	U	1	0.39	1.19	mg/Kg	01/30/25 10:15	01/30/25 16:41	SW6010	SW3050
7440-22-4	Silver	0.37	J	1	0.062	0.59	mg/Kg	01/30/25 10:15	01/30/25 16:41	SW6010	SW3050
7440-23-5	Sodium	7210	N	1	42.9	119	mg/Kg	01/30/25 10:15	01/30/25 16:41	SW6010	SW3050
7440-28-0	Thallium	2.38	U	1	0.52	2.38	mg/Kg	01/30/25 10:15	01/30/25 16:41	SW6010	SW3050
7440-62-2	Vanadium	17.2	N	1	0.32	2.38	mg/Kg	01/30/25 10:15	01/30/25 16:41	SW6010	SW3050
7440-66-6	Zinc	120	N	1	0.13	2.38	mg/Kg	01/30/25 10:15	01/30/25 16:41	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