

Report of Analysis

Client:	RU2 Engineering, LLC	Date Collected:	01/30/25
Project:	NYCDDC SANTWOBR Brooklyn Bridge BBMCR	Date Received:	01/30/25
Client Sample ID:	JPP-5.4-013025	SDG No.:	Q1241
Lab Sample ID:	Q1241-15	Matrix:	SOIL
Level (low/med):	low	% Solid:	86.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4350		1	2.34	4.85	mg/Kg	01/31/25 09:40	02/10/25 19:49	SW6010	SW3050
7440-36-0	Antimony	2.02	JN	1	0.15	2.43	mg/Kg	01/31/25 09:40	02/10/25 19:49	SW6010	SW3050
7440-38-2	Arsenic	5.13		1	0.28	0.97	mg/Kg	01/31/25 09:40	02/10/25 19:49	SW6010	SW3050
7440-39-3	Barium	93.8		1	0.62	4.85	mg/Kg	01/31/25 09:40	02/10/25 19:49	SW6010	SW3050
7440-41-7	Beryllium	0.37		1	0.012	0.29	mg/Kg	01/31/25 09:40	02/10/25 19:49	SW6010	SW3050
7440-43-9	Cadmium	0.57		1	0.016	0.29	mg/Kg	01/31/25 09:40	02/10/25 19:49	SW6010	SW3050
7440-70-2	Calcium	17700		1	2.72	97.0	mg/Kg	01/31/25 09:40	02/10/25 19:49	SW6010	SW3050
7440-47-3	Chromium	11.9		1	0.052	0.49	mg/Kg	01/31/25 09:40	02/10/25 19:49	SW6010	SW3050
7440-48-4	Cobalt	5.88		1	0.056	1.46	mg/Kg	01/31/25 09:40	02/10/25 19:49	SW6010	SW3050
7440-50-8	Copper	76.4		1	0.46	0.97	mg/Kg	01/31/25 09:40	02/10/25 19:49	SW6010	SW3050
7439-89-6	Iron	12200		1	2.61	4.85	mg/Kg	01/31/25 09:40	02/10/25 19:49	SW6010	SW3050
7439-92-1	Lead	365		1	0.15	0.58	mg/Kg	01/31/25 09:40	02/10/25 19:49	SW6010	SW3050
7439-95-4	Magnesium	5050		1	3.33	97.0	mg/Kg	01/31/25 09:40	02/10/25 19:49	SW6010	SW3050
7439-96-5	Manganese	197		1	0.069	0.97	mg/Kg	01/31/25 09:40	02/10/25 19:49	SW6010	SW3050
7439-97-6	Mercury	1.01	D*	5	0.034	0.078	mg/Kg	02/03/25 10:35	02/03/25 19:25	SW7471B	
7440-02-0	Nickel	23.3		1	0.087	1.94	mg/Kg	01/31/25 09:40	02/10/25 19:49	SW6010	SW3050
7440-09-7	Potassium	1420		1	27.8	97.0	mg/Kg	01/31/25 09:40	02/10/25 19:49	SW6010	SW3050
7782-49-2	Selenium	0.97	U	1	0.32	0.97	mg/Kg	01/31/25 09:40	02/10/25 19:49	SW6010	SW3050
7440-22-4	Silver	0.72	*	1	0.050	0.49	mg/Kg	01/31/25 09:40	02/10/25 19:49	SW6010	SW3050
7440-23-5	Sodium	1010		1	35.0	97.0	mg/Kg	01/31/25 09:40	02/10/25 19:49	SW6010	SW3050
7440-28-0	Thallium	1.94	U	1	0.43	1.94	mg/Kg	01/31/25 09:40	02/10/25 19:49	SW6010	SW3050
7440-62-2	Vanadium	14.2	N	1	0.26	1.94	mg/Kg	01/31/25 09:40	02/10/25 19:49	SW6010	SW3050
7440-66-6	Zinc	85.8		1	0.11	1.94	mg/Kg	01/31/25 09:40	02/10/25 19:49	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