

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-5.3-013025	SDG No.:	Q1241
Lab Sample ID:	Q1241-07	Matrix:	SOIL
Level (low/med):	low	% Solid:	87.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6240		1	2.23	4.63	mg/Kg	01/31/25 09:40	02/10/25 19:31	SW6010	SW3050
7440-36-0	Antimony	2.31	UN	1	0.14	2.31	mg/Kg	01/31/25 09:40	02/10/25 19:31	SW6010	SW3050
7440-38-2	Arsenic	2.33		1	0.27	0.93	mg/Kg	01/31/25 09:40	02/10/25 19:31	SW6010	SW3050
7440-39-3	Barium	24.9		1	0.59	4.63	mg/Kg	01/31/25 09:40	02/10/25 19:31	SW6010	SW3050
7440-41-7	Beryllium	0.22	J	1	0.011	0.28	mg/Kg	01/31/25 09:40	02/10/25 19:31	SW6010	SW3050
7440-43-9	Cadmium	0.28	J	1	0.015	0.28	mg/Kg	01/31/25 09:40	02/10/25 19:31	SW6010	SW3050
7440-70-2	Calcium	16400		1	2.59	92.6	mg/Kg	01/31/25 09:40	02/10/25 19:31	SW6010	SW3050
7440-47-3	Chromium	12.9		1	0.050	0.46	mg/Kg	01/31/25 09:40	02/10/25 19:31	SW6010	SW3050
7440-48-4	Cobalt	2.67		1	0.054	1.39	mg/Kg	01/31/25 09:40	02/10/25 19:31	SW6010	SW3050
7440-50-8	Copper	22.0		1	0.44	0.93	mg/Kg	01/31/25 09:40	02/10/25 19:31	SW6010	SW3050
7439-89-6	Iron	7760		1	2.49	4.63	mg/Kg	01/31/25 09:40	02/10/25 19:31	SW6010	SW3050
7439-92-1	Lead	36.8		1	0.14	0.56	mg/Kg	01/31/25 09:40	02/10/25 19:31	SW6010	SW3050
7439-95-4	Magnesium	4140		1	3.18	92.6	mg/Kg	01/31/25 09:40	02/10/25 19:31	SW6010	SW3050
7439-96-5	Manganese	92.7		1	0.066	0.93	mg/Kg	01/31/25 09:40	02/10/25 19:31	SW6010	SW3050
7439-97-6	Mercury	0.084	*	1	0.0060	0.014	mg/Kg	02/03/25 10:35	02/03/25 18:30	SW7471B	
7440-02-0	Nickel	14.1		1	0.083	1.85	mg/Kg	01/31/25 09:40	02/10/25 19:31	SW6010	SW3050
7440-09-7	Potassium	799		1	26.6	92.6	mg/Kg	01/31/25 09:40	02/10/25 19:31	SW6010	SW3050
7782-49-2	Selenium	0.93	U	1	0.31	0.93	mg/Kg	01/31/25 09:40	02/10/25 19:31	SW6010	SW3050
7440-22-4	Silver	0.38	J*	1	0.048	0.46	mg/Kg	01/31/25 09:40	02/10/25 19:31	SW6010	SW3050
7440-23-5	Sodium	435		1	33.4	92.6	mg/Kg	01/31/25 09:40	02/10/25 19:31	SW6010	SW3050
7440-28-0	Thallium	1.85	U	1	0.41	1.85	mg/Kg	01/31/25 09:40	02/10/25 19:31	SW6010	SW3050
7440-62-2	Vanadium	15.2	N	1	0.25	1.85	mg/Kg	01/31/25 09:40	02/10/25 19:31	SW6010	SW3050
7440-66-6	Zinc	69.0		1	0.10	1.85	mg/Kg	01/31/25 09:40	02/10/25 19:31	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