

Report of Analysis

Client:	PSEG	Date Collected:	03/31/25
Project:	NYE Avenue Substation	Date Received:	03/31/25
Client Sample ID:	TP-12	SDG No.:	Q1681
Lab Sample ID:	Q1681-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	84.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5430		1	2.46	5.10	mg/Kg	04/01/25 13:20	04/03/25 13:40	SW6010	SW3050
7440-36-0	Antimony	2.55	UN	1	0.15	2.55	mg/Kg	04/01/25 13:20	04/03/25 13:40	SW6010	SW3050
7440-38-2	Arsenic	2.41	N	1	0.30	1.02	mg/Kg	04/01/25 13:20	04/03/25 13:40	SW6010	SW3050
7440-39-3	Barium	63.7		1	0.65	5.10	mg/Kg	04/01/25 13:20	04/03/25 13:40	SW6010	SW3050
7440-41-7	Beryllium	0.59	N	1	0.012	0.31	mg/Kg	04/01/25 13:20	04/03/25 13:40	SW6010	SW3050
7440-43-9	Cadmium	0.051	J	1	0.016	0.31	mg/Kg	04/01/25 13:20	04/03/25 13:40	SW6010	SW3050
7440-70-2	Calcium	1320		1	2.86	102	mg/Kg	04/01/25 13:20	04/03/25 13:40	SW6010	SW3050
7440-47-3	Chromium	11.5	N	1	0.055	0.51	mg/Kg	04/01/25 13:20	04/03/25 13:40	SW6010	SW3050
7440-48-4	Cobalt	4.70	N	1	0.059	1.53	mg/Kg	04/01/25 13:20	04/03/25 13:40	SW6010	SW3050
7440-50-8	Copper	14.7	N	1	0.48	1.02	mg/Kg	04/01/25 13:20	04/03/25 13:40	SW6010	SW3050
7439-89-6	Iron	11500		1	2.75	5.10	mg/Kg	04/01/25 13:20	04/03/25 13:40	SW6010	SW3050
7439-92-1	Lead	8.61		1	0.15	0.61	mg/Kg	04/01/25 13:20	04/03/25 13:40	SW6010	SW3050
7439-95-4	Magnesium	1540		1	3.50	102	mg/Kg	04/01/25 13:20	04/03/25 13:40	SW6010	SW3050
7439-96-5	Manganese	168		1	0.072	1.02	mg/Kg	04/01/25 13:20	04/03/25 13:40	SW6010	SW3050
7439-97-6	Mercury	0.018		1	0.0090	0.017	mg/Kg	04/02/25 08:55	04/02/25 11:28	SW7471B	
7440-02-0	Nickel	10.4		1	0.092	2.04	mg/Kg	04/01/25 13:20	04/03/25 13:40	SW6010	SW3050
7440-09-7	Potassium	468	N	1	29.3	102	mg/Kg	04/01/25 13:20	04/03/25 13:40	SW6010	SW3050
7782-49-2	Selenium	1.02	UN	1	0.34	1.02	mg/Kg	04/01/25 13:20	04/03/25 13:40	SW6010	SW3050
7440-22-4	Silver	0.51	U	1	0.053	0.51	mg/Kg	04/01/25 13:20	04/03/25 13:40	SW6010	SW3050
7440-23-5	Sodium	366		1	36.8	102	mg/Kg	04/01/25 13:20	04/03/25 13:40	SW6010	SW3050
7440-28-0	Thallium	0.55	J	1	0.45	2.04	mg/Kg	04/01/25 13:20	04/03/25 13:40	SW6010	SW3050
7440-62-2	Vanadium	14.2	N	1	0.28	2.04	mg/Kg	04/01/25 13:20	04/03/25 13:40	SW6010	SW3050
7440-66-6	Zinc	26.0	N	1	0.11	2.04	mg/Kg	04/01/25 13:20	04/03/25 13:40	SW6010	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	Full Waste Classification			

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