

Report of Analysis

Client:	PSEG	Date Collected:	08/13/25
Project:	Waldwick Switching Station	Date Received:	08/13/25
Client Sample ID:	DRILL CUTTING 1-5 COMP	SDG No.:	Q2870
Lab Sample ID:	Q2870-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	89.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	1880		1	0.89	5.27	mg/Kg	08/15/25 10:10	08/18/25 17:24	6010D	SW3050
7440-36-0	Antimony	0.23	U	1	0.23	2.64	mg/Kg	08/15/25 10:10	08/18/25 17:24	6010D	SW3050
7440-38-2	Arsenic	1.43		1	0.20	1.05	mg/Kg	08/15/25 10:10	08/18/25 17:24	6010D	SW3050
7440-39-3	Barium	15.0		1	0.77	5.27	mg/Kg	08/15/25 10:10	08/18/25 17:24	6010D	SW3050
7440-41-7	Beryllium	0.32		1	0.026	0.32	mg/Kg	08/15/25 10:10	08/18/25 17:24	6010D	SW3050
7440-43-9	Cadmium	0.24	J	1	0.025	0.32	mg/Kg	08/15/25 10:10	08/18/25 17:24	6010D	SW3050
7440-70-2	Calcium	1950		1	11.7	105	mg/Kg	08/15/25 10:10	08/18/25 17:24	6010D	SW3050
7440-47-3	Chromium	4.74		1	0.050	0.53	mg/Kg	08/15/25 10:10	08/18/25 17:24	6010D	SW3050
7440-48-4	Cobalt	2.28		1	0.11	1.58	mg/Kg	08/15/25 10:10	08/18/25 17:24	6010D	SW3050
7440-50-8	Copper	4.51		1	0.23	1.05	mg/Kg	08/15/25 10:10	08/18/25 17:24	6010D	SW3050
7439-89-6	Iron	6760		1	4.21	5.27	mg/Kg	08/15/25 10:10	08/18/25 17:24	6010D	SW3050
7439-92-1	Lead	1.90		1	0.14	0.63	mg/Kg	08/15/25 10:10	08/18/25 17:24	6010D	SW3050
7439-95-4	Magnesium	1370		1	12.7	105	mg/Kg	08/15/25 10:10	08/18/25 17:24	6010D	SW3050
7439-96-5	Manganese	109		1	0.15	1.05	mg/Kg	08/15/25 10:10	08/18/25 17:24	6010D	SW3050
7439-97-6	Mercury	0.0080	U	1	0.0080	0.014	mg/Kg	08/14/25 14:40	08/15/25 14:32	7471B	
7440-02-0	Nickel	4.12		1	0.14	2.11	mg/Kg	08/15/25 10:10	08/18/25 17:24	6010D	SW3050
7440-09-7	Potassium	265		1	29.2	105	mg/Kg	08/15/25 10:10	08/18/25 17:24	6010D	SW3050
7782-49-2	Selenium	0.27	U	1	0.27	1.05	mg/Kg	08/15/25 10:10	08/18/25 17:24	6010D	SW3050
7440-22-4	Silver	0.14	J	1	0.13	0.53	mg/Kg	08/15/25 10:10	08/18/25 17:24	6010D	SW3050
7440-23-5	Sodium	1020		1	18.8	105	mg/Kg	08/15/25 10:10	08/18/25 17:24	6010D	SW3050
7440-28-0	Thallium	0.24	U	1	0.24	2.11	mg/Kg	08/15/25 10:10	08/18/25 17:24	6010D	SW3050
7440-62-2	Vanadium	9.25		1	0.26	2.11	mg/Kg	08/15/25 10:10	08/18/25 17:24	6010D	SW3050
7440-66-6	Zinc	9.73		1	0.24	2.11	mg/Kg	08/15/25 10:10	08/18/25 17:24	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	Bayshore			

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