

Report of Analysis

Client:	PSEG	Date Collected:	08/13/25
Project:	Aldene Switching Station	Date Received:	08/13/25
Client Sample ID:	DRILL CUTTING 4-6 COMP	SDG No.:	Q2873
Lab Sample ID:	Q2873-04	Matrix:	SOIL
Level (low/med):	low	% Solid:	89.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6750		1	0.92	5.45	mg/Kg	08/15/25 10:10	08/18/25 17:16	6010D	SW3050
7440-36-0	Antimony	0.24	U	1	0.24	2.72	mg/Kg	08/15/25 10:10	08/18/25 17:16	6010D	SW3050
7440-38-2	Arsenic	4.05		1	0.21	1.09	mg/Kg	08/15/25 10:10	08/18/25 17:16	6010D	SW3050
7440-39-3	Barium	94.5		1	0.80	5.45	mg/Kg	08/15/25 10:10	08/18/25 17:16	6010D	SW3050
7440-41-7	Beryllium	1.05		1	0.027	0.33	mg/Kg	08/15/25 10:10	08/18/25 17:16	6010D	SW3050
7440-43-9	Cadmium	0.87		1	0.026	0.33	mg/Kg	08/15/25 10:10	08/18/25 17:16	6010D	SW3050
7440-70-2	Calcium	9270		1	12.1	109	mg/Kg	08/15/25 10:10	08/18/25 17:16	6010D	SW3050
7440-47-3	Chromium	14.9		1	0.051	0.55	mg/Kg	08/15/25 10:10	08/18/25 17:16	6010D	SW3050
7440-48-4	Cobalt	10.0		1	0.11	1.63	mg/Kg	08/15/25 10:10	08/18/25 17:16	6010D	SW3050
7440-50-8	Copper	14.1		1	0.24	1.09	mg/Kg	08/15/25 10:10	08/18/25 17:16	6010D	SW3050
7439-89-6	Iron	17700		1	4.35	5.45	mg/Kg	08/15/25 10:10	08/18/25 17:16	6010D	SW3050
7439-92-1	Lead	13.8		1	0.14	0.65	mg/Kg	08/15/25 10:10	08/18/25 17:16	6010D	SW3050
7439-95-4	Magnesium	3850		1	13.1	109	mg/Kg	08/15/25 10:10	08/18/25 17:16	6010D	SW3050
7439-96-5	Manganese	522		1	0.15	1.09	mg/Kg	08/15/25 10:10	08/18/25 17:16	6010D	SW3050
7439-97-6	Mercury	0.0080	U	1	0.0080	0.015	mg/Kg	08/14/25 14:40	08/15/25 14:53	7471B	
7440-02-0	Nickel	21.2		1	0.14	2.18	mg/Kg	08/15/25 10:10	08/18/25 17:16	6010D	SW3050
7440-09-7	Potassium	1530		1	30.2	109	mg/Kg	08/15/25 10:10	08/18/25 17:16	6010D	SW3050
7782-49-2	Selenium	0.28	U	1	0.28	1.09	mg/Kg	08/15/25 10:10	08/18/25 17:16	6010D	SW3050
7440-22-4	Silver	0.35	J	1	0.13	0.55	mg/Kg	08/15/25 10:10	08/18/25 17:16	6010D	SW3050
7440-23-5	Sodium	173		1	19.4	109	mg/Kg	08/15/25 10:10	08/18/25 17:16	6010D	SW3050
7440-28-0	Thallium	0.25	U	1	0.25	2.18	mg/Kg	08/15/25 10:10	08/18/25 17:16	6010D	SW3050
7440-62-2	Vanadium	17.8		1	0.27	2.18	mg/Kg	08/15/25 10:10	08/18/25 17:16	6010D	SW3050
7440-66-6	Zinc	45.7		1	0.25	2.18	mg/Kg	08/15/25 10:10	08/18/25 17:16	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