

Report of Analysis

Client:	PSEG	Date Collected:	05/19/25
Project:	OR-640 Haworth Boro & Dumont	Date Received:	05/19/25
Client Sample ID:	OR-640-COMP-66	SDG No.:	Q2084
Lab Sample ID:	Q2084-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	81.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5680		1	0.94	5.58	mg/Kg	05/20/25 12:15	05/21/25 20:27	6010D	SW3050
7440-36-0	Antimony	2.79	UN	1	0.25	2.79	mg/Kg	05/20/25 12:15	05/21/25 20:27	6010D	SW3050
7440-38-2	Arsenic	1.16	*	1	0.21	1.12	mg/Kg	05/20/25 12:15	05/21/25 20:27	6010D	SW3050
7440-39-3	Barium	30.6		1	0.81	5.58	mg/Kg	05/20/25 12:15	05/21/25 20:27	6010D	SW3050
7440-41-7	Beryllium	0.31	J	1	0.028	0.34	mg/Kg	05/20/25 12:15	05/21/25 20:27	6010D	SW3050
7440-43-9	Cadmium	0.13	J	1	0.027	0.34	mg/Kg	05/20/25 12:15	05/21/25 20:27	6010D	SW3050
7440-70-2	Calcium	731		1	12.4	112	mg/Kg	05/20/25 12:15	05/21/25 20:27	6010D	SW3050
7440-47-3	Chromium	8.09	*	1	0.052	0.56	mg/Kg	05/20/25 12:15	05/21/25 20:27	6010D	SW3050
7440-48-4	Cobalt	3.67		1	0.11	1.67	mg/Kg	05/20/25 12:15	05/21/25 20:27	6010D	SW3050
7440-50-8	Copper	7.12		1	0.25	1.12	mg/Kg	05/20/25 12:15	05/21/25 20:27	6010D	SW3050
7439-89-6	Iron	9360	*	1	4.45	5.58	mg/Kg	05/20/25 12:15	05/21/25 20:27	6010D	SW3050
7439-92-1	Lead	4.42		1	0.14	0.67	mg/Kg	05/20/25 12:15	05/21/25 20:27	6010D	SW3050
7439-95-4	Magnesium	1250		1	13.4	112	mg/Kg	05/20/25 12:15	05/21/25 20:27	6010D	SW3050
7439-96-5	Manganese	171		1	0.16	1.12	mg/Kg	05/20/25 12:15	05/21/25 20:27	6010D	SW3050
7439-97-6	Mercury	0.011	J	1	0.010	0.017	mg/Kg	05/23/25 11:08	05/23/25 12:50	7471B	
7440-02-0	Nickel	5.92		1	0.14	2.23	mg/Kg	05/20/25 12:15	05/21/25 20:27	6010D	SW3050
7440-09-7	Potassium	388	N	1	30.9	112	mg/Kg	05/20/25 12:15	05/21/25 20:27	6010D	SW3050
7782-49-2	Selenium	1.12	U	1	0.29	1.12	mg/Kg	05/20/25 12:15	05/21/25 20:27	6010D	SW3050
7440-22-4	Silver	0.56	U	1	0.13	0.56	mg/Kg	05/20/25 12:15	05/21/25 20:27	6010D	SW3050
7440-23-5	Sodium	75.3	J	1	19.9	112	mg/Kg	05/20/25 12:15	05/21/25 20:27	6010D	SW3050
7440-28-0	Thallium	2.23	U	1	0.26	2.23	mg/Kg	05/20/25 12:15	05/21/25 20:27	6010D	SW3050
7440-62-2	Vanadium	15.1	*	1	0.28	2.23	mg/Kg	05/20/25 12:15	05/21/25 20:27	6010D	SW3050
7440-66-6	Zinc	12.8		1	0.26	2.23	mg/Kg	05/20/25 12:15	05/21/25 20:27	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	METALS TAL+CN			

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