

Report of Analysis

Client:	PSEG	Date Collected:	05/28/25
Project:	Somerset HQ	Date Received:	05/28/25
Client Sample ID:	VNJ-215	SDG No.:	Q2141
Lab Sample ID:	Q2141-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8810		1	0.69	4.10	mg/Kg	05/29/25 10:05	05/30/25 18:19	6010D	SW3050
7440-36-0	Antimony	0.23	J	1	0.18	2.05	mg/Kg	05/29/25 10:05	05/30/25 18:19	6010D	SW3050
7440-38-2	Arsenic	49.3		1	0.16	0.82	mg/Kg	05/29/25 10:05	05/30/25 18:19	6010D	SW3050
7440-39-3	Barium	46.2		1	0.60	4.10	mg/Kg	05/29/25 10:05	05/30/25 18:19	6010D	SW3050
7440-41-7	Beryllium	0.50		1	0.020	0.25	mg/Kg	05/29/25 10:05	05/30/25 18:19	6010D	SW3050
7440-43-9	Cadmium	1.48		1	0.020	0.25	mg/Kg	05/29/25 10:05	05/30/25 18:19	6010D	SW3050
7440-70-2	Calcium	66900		1	9.10	82.0	mg/Kg	05/29/25 10:05	05/30/25 18:19	6010D	SW3050
7440-47-3	Chromium	40.6		1	0.039	0.41	mg/Kg	05/29/25 10:05	05/30/25 18:19	6010D	SW3050
7440-48-4	Cobalt	6.71		1	0.082	1.23	mg/Kg	05/29/25 10:05	05/30/25 18:19	6010D	SW3050
7440-50-8	Copper	32.7		1	0.18	0.82	mg/Kg	05/29/25 10:05	05/30/25 18:19	6010D	SW3050
7439-89-6	Iron	13000		1	3.27	4.10	mg/Kg	05/29/25 10:05	05/30/25 18:19	6010D	SW3050
7439-92-1	Lead	10.7		1	0.11	0.49	mg/Kg	05/29/25 10:05	05/30/25 18:19	6010D	SW3050
7439-95-4	Magnesium	3330		1	9.84	82.0	mg/Kg	05/29/25 10:05	05/30/25 18:19	6010D	SW3050
7439-96-5	Manganese	195		1	0.12	0.82	mg/Kg	05/29/25 10:05	05/30/25 18:19	6010D	SW3050
7439-97-6	Mercury	0.0080	J	1	0.0070	0.012	mg/Kg	05/30/25 10:58	05/30/25 12:51	7471B	
7440-02-0	Nickel	22.7		1	0.11	1.64	mg/Kg	05/29/25 10:05	05/30/25 18:19	6010D	SW3050
7440-09-7	Potassium	563		1	22.7	82.0	mg/Kg	05/29/25 10:05	05/30/25 18:19	6010D	SW3050
7782-49-2	Selenium	0.82	U	1	0.21	0.82	mg/Kg	05/29/25 10:05	05/30/25 18:19	6010D	SW3050
7440-22-4	Silver	0.41	U	1	0.098	0.41	mg/Kg	05/29/25 10:05	05/30/25 18:19	6010D	SW3050
7440-23-5	Sodium	524		1	14.6	82.0	mg/Kg	05/29/25 10:05	05/30/25 18:19	6010D	SW3050
7440-28-0	Thallium	1.64	U	1	0.19	1.64	mg/Kg	05/29/25 10:05	05/30/25 18:19	6010D	SW3050
7440-62-2	Vanadium	26.2		1	0.21	1.64	mg/Kg	05/29/25 10:05	05/30/25 18:19	6010D	SW3050
7440-66-6	Zinc	97.7		1	0.19	1.64	mg/Kg	05/29/25 10:05	05/30/25 18:19	6010D	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