

Report of Analysis

Client:	PSEG	Date Collected:	04/10/25
Project:	Metuchen Switch	Date Received:	04/10/25
Client Sample ID:	CRUSHED STONE	SDG No.:	Q1768
Lab Sample ID:	Q1768-01	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	5810		1	2.03	4.22	mg/Kg	04/11/25 10:10	04/14/25 16:45	SW6010	SW3050
7440-36-0	Antimony	2.51		1	0.13	2.11	mg/Kg	04/11/25 10:10	04/14/25 16:45	SW6010	SW3050
7440-38-2	Arsenic	3.33		1	0.25	0.84	mg/Kg	04/11/25 10:10	04/14/25 16:45	SW6010	SW3050
7440-39-3	Barium	50.9		1	0.54	4.22	mg/Kg	04/11/25 10:10	04/14/25 16:45	SW6010	SW3050
7440-41-7	Beryllium	0.31	N	1	0.010	0.25	mg/Kg	04/11/25 10:10	04/14/25 16:45	SW6010	SW3050
7440-43-9	Cadmium	0.72		1	0.014	0.25	mg/Kg	04/11/25 10:10	04/14/25 16:45	SW6010	SW3050
7440-70-2	Calcium	4760		1	2.36	84.4	mg/Kg	04/11/25 10:10	04/14/25 16:45	SW6010	SW3050
7440-47-3	Chromium	30.5		1	0.046	0.42	mg/Kg	04/11/25 10:10	04/14/25 16:45	SW6010	SW3050
7440-48-4	Cobalt	4.31		1	0.049	1.27	mg/Kg	04/11/25 10:10	04/14/25 16:45	SW6010	SW3050
7440-50-8	Copper	205	N	1	0.40	0.84	mg/Kg	04/11/25 10:10	04/14/25 16:45	SW6010	SW3050
7439-89-6	Iron	9840		1	2.27	4.22	mg/Kg	04/11/25 10:10	04/14/25 16:45	SW6010	SW3050
7439-92-1	Lead	292		1	0.13	0.51	mg/Kg	04/11/25 10:10	04/14/25 16:45	SW6010	SW3050
7439-95-4	Magnesium	2500		1	2.89	84.4	mg/Kg	04/11/25 10:10	04/14/25 16:45	SW6010	SW3050
7439-96-5	Manganese	139		1	0.060	0.84	mg/Kg	04/11/25 10:10	04/14/25 16:45	SW6010	SW3050
7439-97-6	Mercury	0.027		1	0.0080	0.013	mg/Kg	04/11/25 11:39	04/11/25 13:23	SW7471B	
7440-02-0	Nickel	18.3		1	0.076	1.69	mg/Kg	04/11/25 10:10	04/14/25 16:45	SW6010	SW3050
7440-09-7	Potassium	406		1	24.2	84.4	mg/Kg	04/11/25 10:10	04/14/25 16:45	SW6010	SW3050
7782-49-2	Selenium	0.28	U	1	0.28	0.84	mg/Kg	04/11/25 10:10	04/14/25 16:45	SW6010	SW3050
7440-22-4	Silver	5.83	N	1	0.044	0.42	mg/Kg	04/11/25 10:10	04/14/25 16:45	SW6010	SW3050
7440-23-5	Sodium	251		1	30.5	84.4	mg/Kg	04/11/25 10:10	04/14/25 16:45	SW6010	SW3050
7440-28-0	Thallium	0.37	U	1	0.37	1.69	mg/Kg	04/11/25 10:10	04/14/25 16:45	SW6010	SW3050
7440-62-2	Vanadium	20.6	N	1	0.23	1.69	mg/Kg	04/11/25 10:10	04/14/25 16:45	SW6010	SW3050
7440-66-6	Zinc	3770	DN	5	0.46	8.44	mg/Kg	04/11/25 10:10	04/14/25 18:58	SW6010	SW3050

Color Before:	Black	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