

Report of Analysis

Client:	PSEG	Date Collected:	05/02/25
Project:	Lawrenceville HQ	Date Received:	05/02/25
Client Sample ID:	LAW-25-0066	SDG No.:	Q1955
Lab Sample ID:	Q1955-01	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	1330	N	1	0.17	0.95	mg/Kg	05/07/25 10:30	05/08/25 16:09	SW6020	SW3050
7440-36-0	Antimony	0.095	UN	1	0.021	0.095	mg/Kg	05/07/25 10:30	05/08/25 16:09	SW6020	SW3050
7440-38-2	Arsenic	1.32	DN	5	0.028	0.24	mg/Kg	05/07/25 10:30	05/08/25 16:39	SW6020	SW3050
7440-39-3	Barium	8.22	N	1	0.016	0.47	mg/Kg	05/07/25 10:30	05/08/25 16:09	SW6020	SW3050
7440-41-7	Beryllium	0.064	N	1	0.015	0.047	mg/Kg	05/07/25 10:30	05/08/25 16:09	SW6020	SW3050
7440-43-9	Cadmium	0.16	N	1	0.0090	0.047	mg/Kg	05/07/25 10:30	05/08/25 16:09	SW6020	SW3050
7440-70-2	Calcium	4470	N	1	2.27	23.7	mg/Kg	05/07/25 10:30	05/08/25 16:09	SW6020	SW3050
7440-47-3	Chromium	0.017	JN	1	0.012	0.095	mg/Kg	05/07/25 10:30	05/08/25 16:09	SW6020	SW3050
7440-48-4	Cobalt	4.40	N	1	0.0040	0.047	mg/Kg	05/07/25 10:30	05/08/25 16:09	SW6020	SW3050
7440-50-8	Copper	212	N	1	0.031	0.095	mg/Kg	05/07/25 10:30	05/08/25 16:09	SW6020	SW3050
7439-89-6	Iron	11300	D	5	2.18	11.8	mg/Kg	05/07/25 10:30	05/08/25 16:39	SW6020	SW3050
7439-92-1	Lead	10.6	N*	1	0.015	0.047	mg/Kg	05/07/25 10:30	05/08/25 16:09	SW6020	SW3050
7439-95-4	Magnesium	647	N	1	0.92	23.7	mg/Kg	05/07/25 10:30	05/08/25 16:09	SW6020	SW3050
7439-96-5	Manganese	132	N	1	0.016	0.047	mg/Kg	05/07/25 10:30	05/08/25 16:09	SW6020	SW3050
7439-97-6	Mercury	0.015		1	0.0070	0.013	mg/Kg	05/05/25 14:40	05/06/25 11:50	SW7471B	
7440-02-0	Nickel	0.30	N	1	0.020	0.047	mg/Kg	05/07/25 10:30	05/08/25 16:09	SW6020	SW3050
7440-09-7	Potassium	584	N	1	1.82	23.7	mg/Kg	05/07/25 10:30	05/08/25 16:09	SW6020	SW3050
7782-49-2	Selenium	5.92	UDN	25	3.32	5.92	mg/Kg	05/07/25 10:30	05/09/25 15:02	SW6020	SW3050
7440-22-4	Silver	0.043	JN	1	0.012	0.047	mg/Kg	05/07/25 10:30	05/08/25 16:09	SW6020	SW3050
7440-23-5	Sodium	58.0	N	1	3.33	23.7	mg/Kg	05/07/25 10:30	05/08/25 16:09	SW6020	SW3050
7440-28-0	Thallium	0.022	JN	1	0.0070	0.047	mg/Kg	05/07/25 10:30	05/08/25 16:09	SW6020	SW3050
7440-62-2	Vanadium	0.94	N	1	0.0050	0.24	mg/Kg	05/07/25 10:30	05/08/25 16:09	SW6020	SW3050
7440-66-6	Zinc	51.5	N	1	0.043	0.24	mg/Kg	05/07/25 10:30	05/08/25 16:09	SW6020	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