

Report of Analysis

Client:	PSEG	Date Collected:	05/30/25
Project:	Clifton Gas	Date Received:	05/30/25
Client Sample ID:	SAN-C1-C2	SDG No.:	Q2168
Lab Sample ID:	Q2168-09	Matrix:	SOIL
Level (low/med):	low	% Solid:	99.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5630	D	5	1.41	7.81	mg/Kg	06/02/25 13:02	06/04/25 16:13	6020B	SW3050
7440-36-0	Antimony	11.2	D	5	0.18	0.78	mg/Kg	06/02/25 13:02	06/04/25 16:13	6020B	SW3050
7440-38-2	Arsenic	148	DN	5	0.047	0.39	mg/Kg	06/02/25 13:02	06/04/25 16:13	6020B	SW3050
7440-39-3	Barium	254	D	5	0.13	3.90	mg/Kg	06/02/25 13:02	06/04/25 16:13	6020B	SW3050
7440-41-7	Beryllium	1.11	D	5	0.13	0.39	mg/Kg	06/02/25 13:02	06/04/25 16:13	6020B	SW3050
7440-43-9	Cadmium	3.92	D	5	0.070	0.39	mg/Kg	06/02/25 13:02	06/04/25 16:13	6020B	SW3050
7440-70-2	Calcium	6110	D	5	18.7	195	mg/Kg	06/02/25 13:02	06/04/25 16:13	6020B	SW3050
7440-47-3	Chromium	92.1	D	5	0.10	0.78	mg/Kg	06/02/25 13:02	06/04/25 16:13	6020B	SW3050
7440-48-4	Cobalt	78.5	D	5	0.035	0.39	mg/Kg	06/02/25 13:02	06/04/25 16:13	6020B	SW3050
7440-50-8	Copper	3340	D	5	0.25	0.78	mg/Kg	06/02/25 13:02	06/04/25 16:13	6020B	SW3050
7439-89-6	Iron	126000	D	25	18.0	97.6	mg/Kg	06/02/25 13:02	06/06/25 18:08	6020B	SW3050
7439-92-1	Lead	736	DN	5	0.13	0.39	mg/Kg	06/02/25 13:02	06/04/25 16:13	6020B	SW3050
7439-95-4	Magnesium	3060	D	5	7.53	195	mg/Kg	06/02/25 13:02	06/04/25 16:13	6020B	SW3050
7439-96-5	Manganese	638	D	5	0.13	0.39	mg/Kg	06/02/25 13:02	06/04/25 16:13	6020B	SW3050
7439-97-6	Mercury	1.89	D	5	0.034	0.062	mg/Kg	06/02/25 08:35	06/03/25 14:46	7471B	
7440-02-0	Nickel	127	D	5	0.17	0.39	mg/Kg	06/02/25 13:02	06/04/25 16:13	6020B	SW3050
7440-09-7	Potassium	2820	D	5	15.0	195	mg/Kg	06/02/25 13:02	06/04/25 16:13	6020B	SW3050
7782-49-2	Selenium	2.38	D	5	1.09	1.95	mg/Kg	06/02/25 13:02	06/04/25 16:13	6020B	SW3050
7440-22-4	Silver	1.02	DN	5	0.10	0.39	mg/Kg	06/02/25 13:02	06/04/25 16:13	6020B	SW3050
7440-23-5	Sodium	1250	D	5	27.4	195	mg/Kg	06/02/25 13:02	06/04/25 16:13	6020B	SW3050
7440-28-0	Thallium	0.33	JD	5	0.055	0.39	mg/Kg	06/02/25 13:02	06/04/25 16:13	6020B	SW3050
7440-62-2	Vanadium	21.7	D	5	0.043	1.95	mg/Kg	06/02/25 13:02	06/04/25 16:13	6020B	SW3050
7440-66-6	Zinc	2890	D	5	0.35	1.95	mg/Kg	06/02/25 13:02	06/04/25 16:13	6020B	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