

Report of Analysis

Client:	PSEG	Date Collected:	05/30/25
Project:	Clifton Gas	Date Received:	05/30/25
Client Sample ID:	SAN-B1-B3	SDG No.:	Q2168
Lab Sample ID:	Q2168-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	99.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5540	D	5	1.31	7.28	mg/Kg	06/02/25 13:02	06/04/25 16:10	6020B	SW3050
7440-36-0	Antimony	10.8	D	5	0.16	0.73	mg/Kg	06/02/25 13:02	06/04/25 16:10	6020B	SW3050
7440-38-2	Arsenic	152	DN	5	0.044	0.36	mg/Kg	06/02/25 13:02	06/04/25 16:10	6020B	SW3050
7440-39-3	Barium	221	D	5	0.12	3.64	mg/Kg	06/02/25 13:02	06/04/25 16:10	6020B	SW3050
7440-41-7	Beryllium	1.30	D	5	0.12	0.36	mg/Kg	06/02/25 13:02	06/04/25 16:10	6020B	SW3050
7440-43-9	Cadmium	4.49	D	5	0.065	0.36	mg/Kg	06/02/25 13:02	06/04/25 16:10	6020B	SW3050
7440-70-2	Calcium	6380	D	5	17.4	182	mg/Kg	06/02/25 13:02	06/04/25 16:10	6020B	SW3050
7440-47-3	Chromium	89.6	D	5	0.095	0.73	mg/Kg	06/02/25 13:02	06/04/25 16:10	6020B	SW3050
7440-48-4	Cobalt	76.4	D	5	0.033	0.36	mg/Kg	06/02/25 13:02	06/04/25 16:10	6020B	SW3050
7440-50-8	Copper	3220	D	5	0.24	0.73	mg/Kg	06/02/25 13:02	06/04/25 16:10	6020B	SW3050
7439-89-6	Iron	111000	D	25	16.7	90.9	mg/Kg	06/02/25 13:02	06/06/25 18:05	6020B	SW3050
7439-92-1	Lead	695	DN	5	0.12	0.36	mg/Kg	06/02/25 13:02	06/04/25 16:10	6020B	SW3050
7439-95-4	Magnesium	2960	D	5	7.02	182	mg/Kg	06/02/25 13:02	06/04/25 16:10	6020B	SW3050
7439-96-5	Manganese	393	D	5	0.12	0.36	mg/Kg	06/02/25 13:02	06/04/25 16:10	6020B	SW3050
7439-97-6	Mercury	0.095		1	0.0070	0.013	mg/Kg	06/02/25 08:35	06/03/25 13:34	7471B	
7440-02-0	Nickel	120	D	5	0.16	0.36	mg/Kg	06/02/25 13:02	06/04/25 16:10	6020B	SW3050
7440-09-7	Potassium	2840	D	5	14.0	182	mg/Kg	06/02/25 13:02	06/04/25 16:10	6020B	SW3050
7782-49-2	Selenium	2.21	D	5	1.02	1.82	mg/Kg	06/02/25 13:02	06/04/25 16:10	6020B	SW3050
7440-22-4	Silver	1.30	DN	5	0.095	0.36	mg/Kg	06/02/25 13:02	06/04/25 16:10	6020B	SW3050
7440-23-5	Sodium	1250	D	5	25.5	182	mg/Kg	06/02/25 13:02	06/04/25 16:10	6020B	SW3050
7440-28-0	Thallium	0.38	D	5	0.051	0.36	mg/Kg	06/02/25 13:02	06/04/25 16:10	6020B	SW3050
7440-62-2	Vanadium	21.0	D	5	0.040	1.82	mg/Kg	06/02/25 13:02	06/04/25 16:10	6020B	SW3050
7440-66-6	Zinc	3140	D	5	0.33	1.82	mg/Kg	06/02/25 13:02	06/04/25 16:10	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