

Report of Analysis

Client: PSEG
Project: PSEG Hillsdale SGMO
Client Sample ID: VNJ-212
Lab Sample ID: Q3647-01
Level (low/med): low

Date Collected: 11/14/25
Date Received: 11/14/25
SDG No.: Q3647
Matrix: SOIL
% Solid: 95.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5260		1	0.72	4.27	mg/Kg	11/17/25 10:45	11/17/25 16:59	6010D	SW3050
7440-36-0	Antimony	2.14	UN	1	0.19	2.14	mg/Kg	11/17/25 10:45	11/17/25 16:59	6010D	SW3050
7440-38-2	Arsenic	2.61		1	0.16	0.85	mg/Kg	11/17/25 10:45	11/17/25 16:59	6010D	SW3050
7440-39-3	Barium	35.8	N	1	0.62	4.27	mg/Kg	11/17/25 10:45	11/17/25 16:59	6010D	SW3050
7440-41-7	Beryllium	0.17	JN	1	0.021	0.26	mg/Kg	11/17/25 10:45	11/17/25 16:59	6010D	SW3050
7440-43-9	Cadmium	0.52		1	0.020	0.26	mg/Kg	11/17/25 10:45	11/17/25 16:59	6010D	SW3050
7440-70-2	Calcium	62000		1	9.48	85.4	mg/Kg	11/17/25 10:45	11/17/25 16:59	6010D	SW3050
7440-47-3	Chromium	32.7		1	0.040	0.43	mg/Kg	11/17/25 10:45	11/17/25 16:59	6010D	SW3050
7440-48-4	Cobalt	2.40		1	0.085	1.28	mg/Kg	11/17/25 10:45	11/17/25 16:59	6010D	SW3050
7440-50-8	Copper	12.1		1	0.19	0.85	mg/Kg	11/17/25 10:45	11/17/25 16:59	6010D	SW3050
7439-89-6	Iron	5910		1	3.41	4.27	mg/Kg	11/17/25 10:45	11/17/25 16:59	6010D	SW3050
7439-92-1	Lead	6.90		1	0.11	0.51	mg/Kg	11/17/25 10:45	11/17/25 16:59	6010D	SW3050
7439-95-4	Magnesium	9420		1	10.3	85.4	mg/Kg	11/17/25 10:45	11/17/25 16:59	6010D	SW3050
7439-96-5	Manganese	735		1	0.12	0.85	mg/Kg	11/17/25 10:45	11/17/25 16:59	6010D	SW3050
7439-97-6	Mercury	0.014	UN	1	0.0080	0.014	mg/Kg	11/17/25 16:10	11/18/25 10:25	7471B	M7471B
7440-02-0	Nickel	10.1		1	0.11	1.71	mg/Kg	11/17/25 10:45	11/17/25 16:59	6010D	SW3050
7440-09-7	Potassium	875		1	23.7	85.4	mg/Kg	11/17/25 10:45	11/17/25 16:59	6010D	SW3050
7782-49-2	Selenium	0.85	UN	1	0.22	0.85	mg/Kg	11/17/25 10:45	11/17/25 16:59	6010D	SW3050
7440-22-4	Silver	0.43	UN	1	0.10	0.43	mg/Kg	11/17/25 10:45	11/17/25 16:59	6010D	SW3050
7440-23-5	Sodium	508		1	15.2	85.4	mg/Kg	11/17/25 10:45	11/17/25 16:59	6010D	SW3050
7440-28-0	Thallium	1.24	J	1	0.20	1.71	mg/Kg	11/17/25 10:45	11/17/25 16:59	6010D	SW3050
7440-62-2	Vanadium	23.9		1	0.21	1.71	mg/Kg	11/17/25 10:45	11/17/25 16:59	6010D	SW3050
7440-66-6	Zinc	113		1	0.20	1.71	mg/Kg	11/17/25 10:45	11/17/25 16:59	6010D	SW3050

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