

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-905-J-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-06	Matrix:	SOIL
Level (low/med):	low	% Solid:	78.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7210	N	1	0.49	1.75	mg/Kg	08/21/24 11:00	08/25/24 22:12	6020B	SW3050
7440-36-0	Antimony	0.16	J	1	0.0090	0.18	mg/Kg	08/21/24 11:00	08/25/24 22:12	6020B	SW3050
7440-38-2	Arsenic	4.35		1	0.0080	0.088	mg/Kg	08/21/24 11:00	08/25/24 22:12	6020B	SW3050
7440-39-3	Barium	48.8		1	0.032	0.88	mg/Kg	08/21/24 11:00	08/25/24 22:12	6020B	SW3050
7440-41-7	Beryllium	0.50		1	0.022	0.088	mg/Kg	08/21/24 11:00	08/25/24 22:12	6020B	SW3050
7440-43-9	Cadmium	0.49		1	0.024	0.088	mg/Kg	08/21/24 11:00	08/25/24 22:12	6020B	SW3050
7440-70-2	Calcium	4120		1	5.91	43.8	mg/Kg	08/21/24 11:00	08/25/24 22:12	6020B	SW3050
7440-47-3	Chromium	17.3		1	0.021	0.18	mg/Kg	08/21/24 11:00	08/25/24 22:12	6020B	SW3050
7440-48-4	Cobalt	3.38		1	0.0070	0.088	mg/Kg	08/21/24 11:00	08/25/24 22:12	6020B	SW3050
7440-50-8	Copper	69.4		1	0.049	0.18	mg/Kg	08/21/24 11:00	08/25/24 22:12	6020B	SW3050
7439-89-6	Iron	20400		1	0.97	4.38	mg/Kg	08/21/24 11:00	08/25/24 22:12	6020B	SW3050
7439-92-1	Lead	58.9		1	0.013	0.088	mg/Kg	08/21/24 11:00	08/25/24 22:12	6020B	SW3050
7439-95-4	Magnesium	1030		1	2.36	43.8	mg/Kg	08/21/24 11:00	08/25/24 22:12	6020B	SW3050
7439-96-5	Manganese	112		1	0.030	0.088	mg/Kg	08/21/24 11:00	08/25/24 22:12	6020B	SW3050
7439-97-6	Mercury	1.78	DN	5	0.035	0.079	mg/Kg	08/23/24 14:30	08/24/24 13:45	7471B	
7440-02-0	Nickel	8.43		1	0.014	0.088	mg/Kg	08/21/24 11:00	08/25/24 22:12	6020B	SW3050
7440-09-7	Potassium	324		1	3.49	43.8	mg/Kg	08/21/24 11:00	08/25/24 22:12	6020B	SW3050
7782-49-2	Selenium	0.43	J	1	0.11	0.44	mg/Kg	08/21/24 11:00	08/25/24 22:12	6020B	SW3050
7440-22-4	Silver	1.46	N	1	0.023	0.088	mg/Kg	08/21/24 11:00	08/25/24 22:12	6020B	SW3050
7440-23-5	Sodium	248		1	5.35	43.8	mg/Kg	08/21/24 11:00	08/25/24 22:12	6020B	SW3050
7440-28-0	Thallium	0.11		1	0.0090	0.088	mg/Kg	08/21/24 11:00	08/25/24 22:12	6020B	SW3050
7440-62-2	Vanadium	20.9		1	0.0070	0.44	mg/Kg	08/21/24 11:00	08/25/24 22:12	6020B	SW3050
7440-66-6	Zinc	131		1	0.11	0.44	mg/Kg	08/21/24 11:00	08/25/24 22:12	6020B	SW3050

Color Before:	Black	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	N/A
Comments:	Mercury			

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