

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-903-J-SO-0.5-1.0-081924	SDG No.:	P3671
Lab Sample ID:	P3671-12	Matrix:	SOIL
Level (low/med):	low	% Solid:	85.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	12400	DN	5	2.33	8.33	mg/Kg	08/21/24 11:00	08/25/24 23:15	6020B	SW3050
7440-36-0	Antimony	0.18		1	0.0080	0.17	mg/Kg	08/21/24 11:00	08/25/24 23:12	6020B	SW3050
7440-38-2	Arsenic	8.52		1	0.0070	0.083	mg/Kg	08/21/24 11:00	08/25/24 23:12	6020B	SW3050
7440-39-3	Barium	53.6		1	0.031	0.83	mg/Kg	08/21/24 11:00	08/25/24 23:12	6020B	SW3050
7440-41-7	Beryllium	0.43		1	0.021	0.083	mg/Kg	08/21/24 11:00	08/25/24 23:12	6020B	SW3050
7440-43-9	Cadmium	2.44		1	0.022	0.083	mg/Kg	08/21/24 11:00	08/25/24 23:12	6020B	SW3050
7440-70-2	Calcium	6500		1	5.62	41.6	mg/Kg	08/21/24 11:00	08/25/24 23:12	6020B	SW3050
7440-47-3	Chromium	22.3		1	0.020	0.17	mg/Kg	08/21/24 11:00	08/25/24 23:12	6020B	SW3050
7440-48-4	Cobalt	14.6		1	0.0070	0.083	mg/Kg	08/21/24 11:00	08/25/24 23:12	6020B	SW3050
7440-50-8	Copper	235		1	0.047	0.17	mg/Kg	08/21/24 11:00	08/25/24 23:12	6020B	SW3050
7439-89-6	Iron	23600	D	5	4.62	20.8	mg/Kg	08/21/24 11:00	08/25/24 23:15	6020B	SW3050
7439-92-1	Lead	107		1	0.012	0.083	mg/Kg	08/21/24 11:00	08/25/24 23:12	6020B	SW3050
7439-95-4	Magnesium	5650		1	2.25	41.6	mg/Kg	08/21/24 11:00	08/25/24 23:12	6020B	SW3050
7439-96-5	Manganese	258		1	0.028	0.083	mg/Kg	08/21/24 11:00	08/25/24 23:12	6020B	SW3050
7439-97-6	Mercury	0.39	N	1	0.0070	0.016	mg/Kg	08/23/24 14:30	08/24/24 11:52	7471B	
7440-02-0	Nickel	23.0		1	0.013	0.083	mg/Kg	08/21/24 11:00	08/25/24 23:12	6020B	SW3050
7440-09-7	Potassium	486		1	3.31	41.6	mg/Kg	08/21/24 11:00	08/25/24 23:12	6020B	SW3050
7782-49-2	Selenium	0.62		1	0.10	0.42	mg/Kg	08/21/24 11:00	08/25/24 23:12	6020B	SW3050
7440-22-4	Silver	4.65	N	1	0.022	0.083	mg/Kg	08/21/24 11:00	08/25/24 23:12	6020B	SW3050
7440-23-5	Sodium	533		1	5.09	41.6	mg/Kg	08/21/24 11:00	08/25/24 23:12	6020B	SW3050
7440-28-0	Thallium	0.088		1	0.0080	0.083	mg/Kg	08/21/24 11:00	08/25/24 23:12	6020B	SW3050
7440-62-2	Vanadium	42.7		1	0.0070	0.42	mg/Kg	08/21/24 11:00	08/25/24 23:12	6020B	SW3050
7440-66-6	Zinc	216		1	0.11	0.42	mg/Kg	08/21/24 11:00	08/25/24 23:12	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