

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-904-J-SO-0.5-1.0-081924	SDG No.:	P3671
Lab Sample ID:	P3671-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	79.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	11000	DN	5	2.41	8.59	mg/Kg	08/21/24 11:00	08/25/24 21:38	6020B	SW3050
7440-36-0	Antimony	0.24		1	0.0090	0.17	mg/Kg	08/21/24 11:00	08/25/24 21:35	6020B	SW3050
7440-38-2	Arsenic	5.33	D	5	0.039	0.43	mg/Kg	08/21/24 11:00	08/25/24 21:38	6020B	SW3050
7440-39-3	Barium	67.5		1	0.032	0.86	mg/Kg	08/21/24 11:00	08/25/24 21:35	6020B	SW3050
7440-41-7	Beryllium	0.76		1	0.021	0.086	mg/Kg	08/21/24 11:00	08/25/24 21:35	6020B	SW3050
7440-43-9	Cadmium	1.51		1	0.023	0.086	mg/Kg	08/21/24 11:00	08/25/24 21:35	6020B	SW3050
7440-70-2	Calcium	5560		1	5.80	43.0	mg/Kg	08/21/24 11:00	08/25/24 21:35	6020B	SW3050
7440-47-3	Chromium	34.2		1	0.021	0.17	mg/Kg	08/21/24 11:00	08/25/24 21:35	6020B	SW3050
7440-48-4	Cobalt	23.9		1	0.0070	0.086	mg/Kg	08/21/24 11:00	08/25/24 21:35	6020B	SW3050
7440-50-8	Copper	124		1	0.048	0.17	mg/Kg	08/21/24 11:00	08/25/24 21:35	6020B	SW3050
7439-89-6	Iron	20300		1	0.95	4.30	mg/Kg	08/21/24 11:00	08/25/24 21:35	6020B	SW3050
7439-92-1	Lead	130		1	0.013	0.086	mg/Kg	08/21/24 11:00	08/25/24 21:35	6020B	SW3050
7439-95-4	Magnesium	2780		1	2.32	43.0	mg/Kg	08/21/24 11:00	08/25/24 21:35	6020B	SW3050
7439-96-5	Manganese	276		1	0.029	0.086	mg/Kg	08/21/24 11:00	08/25/24 21:35	6020B	SW3050
7439-97-6	Mercury	0.27	N	1	0.0070	0.017	mg/Kg	08/23/24 14:30	08/24/24 11:24	7471B	
7440-02-0	Nickel	47.4		1	0.014	0.086	mg/Kg	08/21/24 11:00	08/25/24 21:35	6020B	SW3050
7440-09-7	Potassium	600		1	3.42	43.0	mg/Kg	08/21/24 11:00	08/25/24 21:35	6020B	SW3050
7782-49-2	Selenium	0.82	JD	5	0.52	2.15	mg/Kg	08/21/24 11:00	08/25/24 21:38	6020B	SW3050
7440-22-4	Silver	1.93	N	1	0.022	0.086	mg/Kg	08/21/24 11:00	08/25/24 21:35	6020B	SW3050
7440-23-5	Sodium	386		1	5.25	43.0	mg/Kg	08/21/24 11:00	08/25/24 21:35	6020B	SW3050
7440-28-0	Thallium	0.13		1	0.0090	0.086	mg/Kg	08/21/24 11:00	08/25/24 21:35	6020B	SW3050
7440-62-2	Vanadium	39.9		1	0.0070	0.43	mg/Kg	08/21/24 11:00	08/25/24 21:35	6020B	SW3050
7440-66-6	Zinc	199		1	0.11	0.43	mg/Kg	08/21/24 11:00	08/25/24 21:35	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