

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-FD	SDG No.:	P3671
Lab Sample ID:	P3671-07	Matrix:	SOIL
Level (low/med):	low	% Solid:	76.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	11600	DN	5	2.49	8.88	mg/Kg	08/21/24 11:00	08/25/24 22:22	6020B	SW3050
7440-36-0	Antimony	0.17	J	1	0.0090	0.18	mg/Kg	08/21/24 11:00	08/25/24 22:19	6020B	SW3050
7440-38-2	Arsenic	6.06	D	5	0.040	0.44	mg/Kg	08/21/24 11:00	08/25/24 22:22	6020B	SW3050
7440-39-3	Barium	70.0		1	0.033	0.89	mg/Kg	08/21/24 11:00	08/25/24 22:19	6020B	SW3050
7440-41-7	Beryllium	0.76		1	0.022	0.089	mg/Kg	08/21/24 11:00	08/25/24 22:19	6020B	SW3050
7440-43-9	Cadmium	0.60		1	0.024	0.089	mg/Kg	08/21/24 11:00	08/25/24 22:19	6020B	SW3050
7440-70-2	Calcium	5710		1	5.99	44.4	mg/Kg	08/21/24 11:00	08/25/24 22:19	6020B	SW3050
7440-47-3	Chromium	21.9		1	0.021	0.18	mg/Kg	08/21/24 11:00	08/25/24 22:19	6020B	SW3050
7440-48-4	Cobalt	5.40		1	0.0070	0.089	mg/Kg	08/21/24 11:00	08/25/24 22:19	6020B	SW3050
7440-50-8	Copper	89.9		1	0.050	0.18	mg/Kg	08/21/24 11:00	08/25/24 22:19	6020B	SW3050
7439-89-6	Iron	16100		1	0.99	4.44	mg/Kg	08/21/24 11:00	08/25/24 22:19	6020B	SW3050
7439-92-1	Lead	70.3		1	0.013	0.089	mg/Kg	08/21/24 11:00	08/25/24 22:19	6020B	SW3050
7439-95-4	Magnesium	1650		1	2.40	44.4	mg/Kg	08/21/24 11:00	08/25/24 22:19	6020B	SW3050
7439-96-5	Manganese	130		1	0.030	0.089	mg/Kg	08/21/24 11:00	08/25/24 22:19	6020B	SW3050
7439-97-6	Mercury	1.44	DN	5	0.035	0.079	mg/Kg	08/23/24 14:30	08/24/24 13:42	7471B	
7440-02-0	Nickel	11.7		1	0.014	0.089	mg/Kg	08/21/24 11:00	08/25/24 22:19	6020B	SW3050
7440-09-7	Potassium	414		1	3.53	44.4	mg/Kg	08/21/24 11:00	08/25/24 22:19	6020B	SW3050
7782-49-2	Selenium	0.87	JD	5	0.53	2.22	mg/Kg	08/21/24 11:00	08/25/24 22:22	6020B	SW3050
7440-22-4	Silver	1.39	N	1	0.023	0.089	mg/Kg	08/21/24 11:00	08/25/24 22:19	6020B	SW3050
7440-23-5	Sodium	383		1	5.43	44.4	mg/Kg	08/21/24 11:00	08/25/24 22:19	6020B	SW3050
7440-28-0	Thallium	0.17		1	0.0090	0.089	mg/Kg	08/21/24 11:00	08/25/24 22:19	6020B	SW3050
7440-62-2	Vanadium	29.1		1	0.0070	0.44	mg/Kg	08/21/24 11:00	08/25/24 22:19	6020B	SW3050
7440-66-6	Zinc	103		1	0.12	0.44	mg/Kg	08/21/24 11:00	08/25/24 22:19	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