

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-928-K1-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-09	Matrix:	SOIL
Level (low/med):	low	% Solid:	48

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	9990	N	1	0.88	3.13	mg/Kg	08/21/24 11:00	08/25/24 22:54	6020B	SW3050
7440-36-0	Antimony	1.20		1	0.016	0.31	mg/Kg	08/21/24 11:00	08/25/24 22:54	6020B	SW3050
7440-38-2	Arsenic	13.3	D	5	0.070	0.78	mg/Kg	08/21/24 11:00	08/25/24 22:57	6020B	SW3050
7440-39-3	Barium	191		1	0.058	1.57	mg/Kg	08/21/24 11:00	08/25/24 22:54	6020B	SW3050
7440-41-7	Beryllium	1.07		1	0.039	0.16	mg/Kg	08/21/24 11:00	08/25/24 22:54	6020B	SW3050
7440-43-9	Cadmium	1.28		1	0.042	0.16	mg/Kg	08/21/24 11:00	08/25/24 22:54	6020B	SW3050
7440-70-2	Calcium	4050		1	10.6	78.3	mg/Kg	08/21/24 11:00	08/25/24 22:54	6020B	SW3050
7440-47-3	Chromium	20.7		1	0.038	0.31	mg/Kg	08/21/24 11:00	08/25/24 22:54	6020B	SW3050
7440-48-4	Cobalt	7.48		1	0.013	0.16	mg/Kg	08/21/24 11:00	08/25/24 22:54	6020B	SW3050
7440-50-8	Copper	63.5		1	0.088	0.31	mg/Kg	08/21/24 11:00	08/25/24 22:54	6020B	SW3050
7439-89-6	Iron	15100		1	1.74	7.83	mg/Kg	08/21/24 11:00	08/25/24 22:54	6020B	SW3050
7439-92-1	Lead	195		1	0.023	0.16	mg/Kg	08/21/24 11:00	08/25/24 22:54	6020B	SW3050
7439-95-4	Magnesium	1310		1	4.23	78.3	mg/Kg	08/21/24 11:00	08/25/24 22:54	6020B	SW3050
7439-96-5	Manganese	2130	D	5	0.27	0.78	mg/Kg	08/21/24 11:00	08/25/24 22:57	6020B	SW3050
7439-97-6	Mercury	0.087	N	1	0.012	0.027	mg/Kg	08/23/24 14:30	08/24/24 11:40	7471B	
7440-02-0	Nickel	14.8		1	0.025	0.16	mg/Kg	08/21/24 11:00	08/25/24 22:54	6020B	SW3050
7440-09-7	Potassium	501		1	6.23	78.3	mg/Kg	08/21/24 11:00	08/25/24 22:54	6020B	SW3050
7782-49-2	Selenium	2.10	JD	5	0.94	3.92	mg/Kg	08/21/24 11:00	08/25/24 22:57	6020B	SW3050
7440-22-4	Silver	6.51	N	1	0.041	0.16	mg/Kg	08/21/24 11:00	08/25/24 22:54	6020B	SW3050
7440-23-5	Sodium	760		1	9.57	78.3	mg/Kg	08/21/24 11:00	08/25/24 22:54	6020B	SW3050
7440-28-0	Thallium	0.17		1	0.016	0.16	mg/Kg	08/21/24 11:00	08/25/24 22:54	6020B	SW3050
7440-62-2	Vanadium	31.2		1	0.013	0.78	mg/Kg	08/21/24 11:00	08/25/24 22:54	6020B	SW3050
7440-66-6	Zinc	159		1	0.20	0.78	mg/Kg	08/21/24 11:00	08/25/24 22:54	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