

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-912-J-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-13	Matrix:	SOIL
Level (low/med):	low	% Solid:	30.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5260	N	1	1.30	4.64	mg/Kg	08/21/24 11:00	08/25/24 23:19	6020B	SW3050
7440-36-0	Antimony	3.30		1	0.023	0.46	mg/Kg	08/21/24 11:00	08/25/24 23:19	6020B	SW3050
7440-38-2	Arsenic	21.1		1	0.021	0.23	mg/Kg	08/21/24 11:00	08/25/24 23:19	6020B	SW3050
7440-39-3	Barium	181		1	0.086	2.32	mg/Kg	08/21/24 11:00	08/25/24 23:19	6020B	SW3050
7440-41-7	Beryllium	0.65		1	0.058	0.23	mg/Kg	08/21/24 11:00	08/25/24 23:19	6020B	SW3050
7440-43-9	Cadmium	0.89		1	0.063	0.23	mg/Kg	08/21/24 11:00	08/25/24 23:19	6020B	SW3050
7440-70-2	Calcium	9590		1	15.6	116	mg/Kg	08/21/24 11:00	08/25/24 23:19	6020B	SW3050
7440-47-3	Chromium	19.3		1	0.056	0.46	mg/Kg	08/21/24 11:00	08/25/24 23:19	6020B	SW3050
7440-48-4	Cobalt	3.46		1	0.019	0.23	mg/Kg	08/21/24 11:00	08/25/24 23:19	6020B	SW3050
7440-50-8	Copper	76.1		1	0.13	0.46	mg/Kg	08/21/24 11:00	08/25/24 23:19	6020B	SW3050
7439-89-6	Iron	18000		1	2.57	11.6	mg/Kg	08/21/24 11:00	08/25/24 23:19	6020B	SW3050
7439-92-1	Lead	294		1	0.035	0.23	mg/Kg	08/21/24 11:00	08/25/24 23:19	6020B	SW3050
7439-95-4	Magnesium	1460		1	6.26	116	mg/Kg	08/21/24 11:00	08/25/24 23:19	6020B	SW3050
7439-96-5	Manganese	2040		1	0.079	0.23	mg/Kg	08/21/24 11:00	08/25/24 23:19	6020B	SW3050
7439-97-6	Mercury	0.45	N	1	0.020	0.045	mg/Kg	08/23/24 14:30	08/24/24 11:54	7471B	
7440-02-0	Nickel	12.7		1	0.037	0.23	mg/Kg	08/21/24 11:00	08/25/24 23:19	6020B	SW3050
7440-09-7	Potassium	466		1	9.22	116	mg/Kg	08/21/24 11:00	08/25/24 23:19	6020B	SW3050
7782-49-2	Selenium	3.64		1	0.28	1.16	mg/Kg	08/21/24 11:00	08/25/24 23:19	6020B	SW3050
7440-22-4	Silver	1.56	N	1	0.060	0.23	mg/Kg	08/21/24 11:00	08/25/24 23:19	6020B	SW3050
7440-23-5	Sodium	2800		1	14.2	116	mg/Kg	08/21/24 11:00	08/25/24 23:19	6020B	SW3050
7440-28-0	Thallium	0.15	J	1	0.023	0.23	mg/Kg	08/21/24 11:00	08/25/24 23:19	6020B	SW3050
7440-62-2	Vanadium	50.9		1	0.019	1.16	mg/Kg	08/21/24 11:00	08/25/24 23:19	6020B	SW3050
7440-66-6	Zinc	67.1		1	0.30	1.16	mg/Kg	08/21/24 11:00	08/25/24 23:19	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