

Report of Analysis

Client:	US Army Corp of Engineers	Date Collected:	05/15/25
Project:	USACE NAB Sediment Project 25	Date Received:	05/20/25
Client Sample ID:	SC-4-SED-051525	SDG No.:	Q2085
Lab Sample ID:	Q2085-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	75.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	2200	N	1	0.37	1.04	2.08	mg/Kg	05/21/25 10:20	05/21/25 16:54	6020B	SW3050
7440-36-0	Antimony	0.078	U*	1	0.047	0.078	0.21	mg/Kg	05/21/25 10:20	05/21/25 16:54	6020B	SW3050
7440-38-2	Arsenic	3.41	N	1	0.012	0.026	0.10	mg/Kg	05/21/25 10:20	05/21/25 16:54	6020B	SW3050
7440-39-3	Barium	4.16		1	0.034	0.13	1.04	mg/Kg	05/21/25 10:20	05/21/25 16:54	6020B	SW3050
7440-41-7	Beryllium	0.28		1	0.033	0.078	0.10	mg/Kg	05/21/25 10:20	05/21/25 16:54	6020B	SW3050
7440-43-9	Cadmium	0.052	J	1	0.019	0.078	0.10	mg/Kg	05/21/25 10:20	05/21/25 16:54	6020B	SW3050
7440-70-2	Calcium	281		1	4.98	19.8	52.0	mg/Kg	05/21/25 10:20	05/21/25 16:54	6020B	SW3050
7440-47-3	Chromium	5.17		1	0.027	0.052	0.21	mg/Kg	05/21/25 10:20	05/21/25 16:54	6020B	SW3050
7440-48-4	Cobalt	1.35		1	0.0090	0.026	0.10	mg/Kg	05/21/25 10:20	05/21/25 16:54	6020B	SW3050
7440-50-8	Copper	2.71		1	0.068	0.10	0.21	mg/Kg	05/21/25 10:20	05/21/25 16:54	6020B	SW3050
7439-89-6	Iron	6160	N	1	0.96	1.30	5.20	mg/Kg	05/21/25 10:20	05/21/25 16:54	6020B	SW3050
7439-92-1	Lead	3.40		1	0.033	0.078	0.10	mg/Kg	05/21/25 10:20	05/21/25 16:54	6020B	SW3050
7439-95-4	Magnesium	790		1	2.01	19.8	52.0	mg/Kg	05/21/25 10:20	05/21/25 16:54	6020B	SW3050
7439-96-5	Manganese	32.7		1	0.035	0.052	0.10	mg/Kg	05/21/25 10:20	05/21/25 16:54	6020B	SW3050
7439-97-6	Mercury	0.013	U	1	0.0090	0.013	0.016	mg/Kg	05/27/25 13:44	05/29/25 12:02	7471B	
7440-02-0	Nickel	3.00		1	0.045	0.078	0.10	mg/Kg	05/21/25 10:20	05/21/25 16:54	6020B	SW3050
7440-09-7	Potassium	383		1	3.99	19.8	52.0	mg/Kg	05/21/25 10:20	05/21/25 16:54	6020B	SW3050
7782-49-2	Selenium	0.47	U	1	0.29	0.47	0.52	mg/Kg	05/21/25 10:20	05/21/25 16:54	6020B	SW3050
7440-22-4	Silver	0.052	UN	1	0.027	0.052	0.10	mg/Kg	05/21/25 10:20	05/21/25 16:54	6020B	SW3050
7440-23-5	Sodium	2000		1	7.30	26.0	52.0	mg/Kg	05/21/25 10:20	05/21/25 16:54	6020B	SW3050
7440-28-0	Thallium	0.034	J	1	0.015	0.052	0.10	mg/Kg	05/21/25 10:20	05/21/25 16:54	6020B	SW3050
7440-62-2	Vanadium	9.05		1	0.011	0.026	0.52	mg/Kg	05/21/25 10:20	05/21/25 16:54	6020B	SW3050
7440-66-6	Zinc	11.5	*	1	0.094	0.16	0.52	mg/Kg	05/21/25 10:20	05/21/25 16:54	6020B	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	Metals Group2			

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