

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-2-SED-051525	SDG No.:	Q2085
Lab Sample ID:	Q2085-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	79.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	608	N	1	0.36	0.99	1.99	mg/Kg	05/21/25 10:20	05/21/25 17:35	6020B	SW3050
7440-36-0	Antimony	0.074	U*	1	0.045	0.074	0.20	mg/Kg	05/21/25 10:20	05/21/25 17:35	6020B	SW3050
7440-38-2	Arsenic	0.70	N	1	0.012	0.025	0.099	mg/Kg	05/21/25 10:20	05/21/25 17:35	6020B	SW3050
7440-39-3	Barium	7.12		1	0.033	0.12	0.99	mg/Kg	05/21/25 10:20	05/21/25 17:35	6020B	SW3050
7440-41-7	Beryllium	0.050	J	1	0.032	0.074	0.099	mg/Kg	05/21/25 10:20	05/21/25 17:35	6020B	SW3050
7440-43-9	Cadmium	0.074	U	1	0.018	0.074	0.099	mg/Kg	05/21/25 10:20	05/21/25 17:35	6020B	SW3050
7440-70-2	Calcium	160		1	4.76	18.9	49.6	mg/Kg	05/21/25 10:20	05/21/25 17:35	6020B	SW3050
7440-47-3	Chromium	1.88		1	0.026	0.050	0.20	mg/Kg	05/21/25 10:20	05/21/25 17:35	6020B	SW3050
7440-48-4	Cobalt	0.51		1	0.0090	0.025	0.099	mg/Kg	05/21/25 10:20	05/21/25 17:35	6020B	SW3050
7440-50-8	Copper	1.19		1	0.065	0.099	0.20	mg/Kg	05/21/25 10:20	05/21/25 17:35	6020B	SW3050
7439-89-6	Iron	987	N	1	0.91	1.24	4.96	mg/Kg	05/21/25 10:20	05/21/25 17:35	6020B	SW3050
7439-92-1	Lead	1.95		1	0.032	0.074	0.099	mg/Kg	05/21/25 10:20	05/21/25 17:35	6020B	SW3050
7439-95-4	Magnesium	306		1	1.92	18.9	49.6	mg/Kg	05/21/25 10:20	05/21/25 17:35	6020B	SW3050
7439-96-5	Manganese	11.7		1	0.034	0.050	0.099	mg/Kg	05/21/25 10:20	05/21/25 17:35	6020B	SW3050
7439-97-6	Mercury	0.012	U	1	0.0080	0.012	0.015	mg/Kg	05/27/25 13:44	05/29/25 12:07	7471B	
7440-02-0	Nickel	0.98		1	0.043	0.074	0.099	mg/Kg	05/21/25 10:20	05/21/25 17:35	6020B	SW3050
7440-09-7	Potassium	168		1	3.81	18.9	49.6	mg/Kg	05/21/25 10:20	05/21/25 17:35	6020B	SW3050
7782-49-2	Selenium	0.45	U	1	0.28	0.45	0.50	mg/Kg	05/21/25 10:20	05/21/25 17:35	6020B	SW3050
7440-22-4	Silver	0.050	UN	1	0.026	0.050	0.099	mg/Kg	05/21/25 10:20	05/21/25 17:35	6020B	SW3050
7440-23-5	Sodium	1520		1	6.97	24.8	49.6	mg/Kg	05/21/25 10:20	05/21/25 17:35	6020B	SW3050
7440-28-0	Thallium	0.017	J	1	0.014	0.050	0.099	mg/Kg	05/21/25 10:20	05/21/25 17:35	6020B	SW3050
7440-62-2	Vanadium	1.64		1	0.011	0.025	0.50	mg/Kg	05/21/25 10:20	05/21/25 17:35	6020B	SW3050
7440-66-6	Zinc	6.76	*	1	0.089	0.15	0.50	mg/Kg	05/21/25 10:20	05/21/25 17:35	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