

Report of Analysis

Client:	Louis Berger U.S., Inc., A WSP Company	Date Collected:	01/18/23
Project:	NYCDDC Phase II SCI Arthur Kill Road CEQR	Date Received:	01/19/23
Client Sample ID:	B-P38C	SDG No.:	O1233
Lab Sample ID:	O1233-11	Matrix:	SOIL
Level (low/med):	low	% Solid:	85.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	2800		1	2.40	5.44	mg/Kg	01/20/23 15:00	01/24/23 14:50	SW6010	SW3050
7440-36-0	Antimony	0.38	UN	1	0.38	2.72	mg/Kg	01/20/23 15:00	01/24/23 14:50	SW6010	SW3050
7440-38-2	Arsenic	3.54		1	0.23	1.09	mg/Kg	01/20/23 15:00	01/24/23 14:50	SW6010	SW3050
7440-39-3	Barium	29.2		1	0.78	5.44	mg/Kg	01/20/23 15:00	01/24/23 14:50	SW6010	SW3050
7440-41-7	Beryllium	0.69	N	1	0.023	0.33	mg/Kg	01/20/23 15:00	01/24/23 14:50	SW6010	SW3050
7440-43-9	Cadmium	0.43		1	0.029	0.33	mg/Kg	01/20/23 15:00	01/24/23 14:50	SW6010	SW3050
7440-70-2	Calcium	549		1	7.77	109	mg/Kg	01/20/23 15:00	01/24/23 14:50	SW6010	SW3050
7440-47-3	Chromium	15.3		1	0.098	0.54	mg/Kg	01/20/23 15:00	01/24/23 14:50	SW6010	SW3050
7440-48-4	Cobalt	9.31		1	0.082	1.63	mg/Kg	01/20/23 15:00	01/24/23 14:50	SW6010	SW3050
7440-50-8	Copper	19.2	N	1	0.46	1.09	mg/Kg	01/20/23 15:00	01/24/23 14:50	SW6010	SW3050
7439-89-6	Iron	15000		1	4.28	5.44	mg/Kg	01/20/23 15:00	01/24/23 14:50	SW6010	SW3050
7439-92-1	Lead	9.68		1	0.28	0.65	mg/Kg	01/20/23 15:00	01/24/23 14:50	SW6010	SW3050
7439-95-4	Magnesium	2330		1	9.91	109	mg/Kg	01/20/23 15:00	01/24/23 14:50	SW6010	SW3050
7439-96-5	Manganese	551		1	0.12	1.09	mg/Kg	01/20/23 15:00	01/24/23 14:50	SW6010	SW3050
7439-97-6	Mercury	0.0040	U	1	0.0040	0.015	mg/Kg	01/20/23 16:35	01/23/23 11:59	SW7471B	
7440-02-0	Nickel	95.3		1	0.20	2.18	mg/Kg	01/20/23 15:00	01/24/23 14:50	SW6010	SW3050
7440-09-7	Potassium	692		1	25.4	109	mg/Kg	01/20/23 15:00	01/24/23 14:50	SW6010	SW3050
7782-49-2	Selenium	0.47	U	1	0.47	1.09	mg/Kg	01/20/23 15:00	01/24/23 14:50	SW6010	SW3050
7440-22-4	Silver	0.87		1	0.085	0.54	mg/Kg	01/20/23 15:00	01/24/23 14:50	SW6010	SW3050
7440-23-5	Sodium	33.2	J	1	25.5	109	mg/Kg	01/20/23 15:00	01/24/23 14:50	SW6010	SW3050
7440-28-0	Thallium	0.34	U	1	0.34	2.18	mg/Kg	01/20/23 15:00	01/24/23 14:50	SW6010	SW3050
7440-62-2	Vanadium	15.9		1	0.35	2.18	mg/Kg	01/20/23 15:00	01/24/23 14:50	SW6010	SW3050
7440-66-6	Zinc	33.2		1	0.22	2.18	mg/Kg	01/20/23 15:00	01/24/23 14:50	SW6010	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Brown	Clarity After:	Artifacts:	No
Comments:	METALS-TAL			

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