

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-P38B	SDG No.:	O1233
Lab Sample ID:	O1233-09	Matrix:	SOIL
Level (low/med):	low	% Solid:	80.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	2410		1	2.41	5.46	mg/Kg	01/20/23 15:00	01/24/23 14:46	SW6010	SW3050
7440-36-0	Antimony	0.39	UN	1	0.39	2.73	mg/Kg	01/20/23 15:00	01/24/23 14:46	SW6010	SW3050
7440-38-2	Arsenic	4.14		1	0.23	1.09	mg/Kg	01/20/23 15:00	01/24/23 14:46	SW6010	SW3050
7440-39-3	Barium	41.9		1	0.79	5.46	mg/Kg	01/20/23 15:00	01/24/23 14:46	SW6010	SW3050
7440-41-7	Beryllium	0.66	N	1	0.023	0.33	mg/Kg	01/20/23 15:00	01/24/23 14:46	SW6010	SW3050
7440-43-9	Cadmium	0.37		1	0.029	0.33	mg/Kg	01/20/23 15:00	01/24/23 14:46	SW6010	SW3050
7440-70-2	Calcium	1190		1	7.80	109	mg/Kg	01/20/23 15:00	01/24/23 14:46	SW6010	SW3050
7440-47-3	Chromium	19.3		1	0.098	0.55	mg/Kg	01/20/23 15:00	01/24/23 14:46	SW6010	SW3050
7440-48-4	Cobalt	12.1		1	0.082	1.64	mg/Kg	01/20/23 15:00	01/24/23 14:46	SW6010	SW3050
7440-50-8	Copper	20.3	N	1	0.46	1.09	mg/Kg	01/20/23 15:00	01/24/23 14:46	SW6010	SW3050
7439-89-6	Iron	15000		1	4.29	5.46	mg/Kg	01/20/23 15:00	01/24/23 14:46	SW6010	SW3050
7439-92-1	Lead	9.01		1	0.28	0.66	mg/Kg	01/20/23 15:00	01/24/23 14:46	SW6010	SW3050
7439-95-4	Magnesium	5140		1	9.95	109	mg/Kg	01/20/23 15:00	01/24/23 14:46	SW6010	SW3050
7439-96-5	Manganese	391		1	0.12	1.09	mg/Kg	01/20/23 15:00	01/24/23 14:46	SW6010	SW3050
7439-97-6	Mercury	0.0040	U	1	0.0040	0.015	mg/Kg	01/20/23 16:35	01/23/23 11:52	SW7471B	
7440-02-0	Nickel	120		1	0.20	2.18	mg/Kg	01/20/23 15:00	01/24/23 14:46	SW6010	SW3050
7440-09-7	Potassium	640		1	25.4	109	mg/Kg	01/20/23 15:00	01/24/23 14:46	SW6010	SW3050
7782-49-2	Selenium	0.47	U	1	0.47	1.09	mg/Kg	01/20/23 15:00	01/24/23 14:46	SW6010	SW3050
7440-22-4	Silver	0.87		1	0.085	0.55	mg/Kg	01/20/23 15:00	01/24/23 14:46	SW6010	SW3050
7440-23-5	Sodium	75.2	J	1	25.5	109	mg/Kg	01/20/23 15:00	01/24/23 14:46	SW6010	SW3050
7440-28-0	Thallium	0.34	U	1	0.34	2.18	mg/Kg	01/20/23 15:00	01/24/23 14:46	SW6010	SW3050
7440-62-2	Vanadium	14.3		1	0.35	2.18	mg/Kg	01/20/23 15:00	01/24/23 14:46	SW6010	SW3050
7440-66-6	Zinc	31.3		1	0.22	2.18	mg/Kg	01/20/23 15:00	01/24/23 14:46	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