

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-P38A	SDG No.:	O1233
Lab Sample ID:	O1233-08	Matrix:	SOIL
Level (low/med):	low	% Solid:	89.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	9770		1	2.07	4.69	mg/Kg	01/20/23 15:00	01/24/23 14:42	SW6010	SW3050
7440-36-0	Antimony	0.33	UN	1	0.33	2.34	mg/Kg	01/20/23 15:00	01/24/23 14:42	SW6010	SW3050
7440-38-2	Arsenic	5.73		1	0.20	0.94	mg/Kg	01/20/23 15:00	01/24/23 14:42	SW6010	SW3050
7440-39-3	Barium	54.3		1	0.68	4.69	mg/Kg	01/20/23 15:00	01/24/23 14:42	SW6010	SW3050
7440-41-7	Beryllium	0.93	N	1	0.020	0.28	mg/Kg	01/20/23 15:00	01/24/23 14:42	SW6010	SW3050
7440-43-9	Cadmium	0.79		1	0.025	0.28	mg/Kg	01/20/23 15:00	01/24/23 14:42	SW6010	SW3050
7440-70-2	Calcium	2820		1	6.69	93.7	mg/Kg	01/20/23 15:00	01/24/23 14:42	SW6010	SW3050
7440-47-3	Chromium	40.9		1	0.084	0.47	mg/Kg	01/20/23 15:00	01/24/23 14:42	SW6010	SW3050
7440-48-4	Cobalt	20.6		1	0.070	1.41	mg/Kg	01/20/23 15:00	01/24/23 14:42	SW6010	SW3050
7440-50-8	Copper	21.6	N	1	0.39	0.94	mg/Kg	01/20/23 15:00	01/24/23 14:42	SW6010	SW3050
7439-89-6	Iron	25800		1	3.68	4.69	mg/Kg	01/20/23 15:00	01/24/23 14:42	SW6010	SW3050
7439-92-1	Lead	25.0		1	0.24	0.56	mg/Kg	01/20/23 15:00	01/24/23 14:42	SW6010	SW3050
7439-95-4	Magnesium	4700		1	8.54	93.7	mg/Kg	01/20/23 15:00	01/24/23 14:42	SW6010	SW3050
7439-96-5	Manganese	872		1	0.10	0.94	mg/Kg	01/20/23 15:00	01/24/23 14:42	SW6010	SW3050
7439-97-6	Mercury	0.049		1	0.0040	0.015	mg/Kg	01/20/23 16:35	01/23/23 11:50	SW7471B	
7440-02-0	Nickel	207		1	0.17	1.87	mg/Kg	01/20/23 15:00	01/24/23 14:42	SW6010	SW3050
7440-09-7	Potassium	877		1	21.8	93.7	mg/Kg	01/20/23 15:00	01/24/23 14:42	SW6010	SW3050
7782-49-2	Selenium	0.40	U	1	0.40	0.94	mg/Kg	01/20/23 15:00	01/24/23 14:42	SW6010	SW3050
7440-22-4	Silver	1.67		1	0.073	0.47	mg/Kg	01/20/23 15:00	01/24/23 14:42	SW6010	SW3050
7440-23-5	Sodium	62.0	J	1	21.9	93.7	mg/Kg	01/20/23 15:00	01/24/23 14:42	SW6010	SW3050
7440-28-0	Thallium	0.29	U	1	0.29	1.87	mg/Kg	01/20/23 15:00	01/24/23 14:42	SW6010	SW3050
7440-62-2	Vanadium	29.6		1	0.30	1.87	mg/Kg	01/20/23 15:00	01/24/23 14:42	SW6010	SW3050
7440-66-6	Zinc	47.9		1	0.19	1.87	mg/Kg	01/20/23 15:00	01/24/23 14:42	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