

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-P34A	SDG No.:	O1233
Lab Sample ID:	O1233-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	85.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	10800		1	2.44	5.53	mg/Kg	01/20/23 15:00	01/24/23 14:04	SW6010	SW3050
7440-36-0	Antimony	0.39	UN	1	0.39	2.76	mg/Kg	01/20/23 15:00	01/24/23 14:04	SW6010	SW3050
7440-38-2	Arsenic	7.51		1	0.23	1.11	mg/Kg	01/20/23 15:00	01/24/23 14:04	SW6010	SW3050
7440-39-3	Barium	39.6		1	0.80	5.53	mg/Kg	01/20/23 15:00	01/24/23 14:04	SW6010	SW3050
7440-41-7	Beryllium	0.68	N	1	0.023	0.33	mg/Kg	01/20/23 15:00	01/24/23 14:04	SW6010	SW3050
7440-43-9	Cadmium	0.13	J	1	0.030	0.33	mg/Kg	01/20/23 15:00	01/24/23 14:04	SW6010	SW3050
7440-70-2	Calcium	1060		1	7.90	111	mg/Kg	01/20/23 15:00	01/24/23 14:04	SW6010	SW3050
7440-47-3	Chromium	30.9		1	0.10	0.55	mg/Kg	01/20/23 15:00	01/24/23 14:04	SW6010	SW3050
7440-48-4	Cobalt	12.2		1	0.083	1.66	mg/Kg	01/20/23 15:00	01/24/23 14:04	SW6010	SW3050
7440-50-8	Copper	17.3	N	1	0.47	1.11	mg/Kg	01/20/23 15:00	01/24/23 14:04	SW6010	SW3050
7439-89-6	Iron	20900		1	4.35	5.53	mg/Kg	01/20/23 15:00	01/24/23 14:04	SW6010	SW3050
7439-92-1	Lead	19.1		1	0.29	0.66	mg/Kg	01/20/23 15:00	01/24/23 14:04	SW6010	SW3050
7439-95-4	Magnesium	2210		1	10.1	111	mg/Kg	01/20/23 15:00	01/24/23 14:04	SW6010	SW3050
7439-96-5	Manganese	286		1	0.12	1.11	mg/Kg	01/20/23 15:00	01/24/23 14:04	SW6010	SW3050
7439-97-6	Mercury	0.018		1	0.0040	0.015	mg/Kg	01/20/23 16:35	01/23/23 11:36	SW7471B	
7440-02-0	Nickel	56.2		1	0.20	2.21	mg/Kg	01/20/23 15:00	01/24/23 14:04	SW6010	SW3050
7440-09-7	Potassium	715		1	25.8	111	mg/Kg	01/20/23 15:00	01/24/23 14:04	SW6010	SW3050
7782-49-2	Selenium	0.48	U	1	0.48	1.11	mg/Kg	01/20/23 15:00	01/24/23 14:04	SW6010	SW3050
7440-22-4	Silver	1.24		1	0.086	0.55	mg/Kg	01/20/23 15:00	01/24/23 14:04	SW6010	SW3050
7440-23-5	Sodium	61.2	J	1	25.9	111	mg/Kg	01/20/23 15:00	01/24/23 14:04	SW6010	SW3050
7440-28-0	Thallium	0.34	U	1	0.34	2.21	mg/Kg	01/20/23 15:00	01/24/23 14:04	SW6010	SW3050
7440-62-2	Vanadium	24.4		1	0.35	2.21	mg/Kg	01/20/23 15:00	01/24/23 14:04	SW6010	SW3050
7440-66-6	Zinc	46.0		1	0.22	2.21	mg/Kg	01/20/23 15:00	01/24/23 14:04	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