

**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-P36A	SDG No.:	O1233
Lab Sample ID:	O1233-04	Matrix:	SOIL
Level (low/med):	low	% Solid:	89.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7380		1	2.25	5.10	mg/Kg	01/20/23 15:00	01/24/23 14:12	SW6010	SW3050
7440-36-0	Antimony	0.36	UN	1	0.36	2.55	mg/Kg	01/20/23 15:00	01/24/23 14:12	SW6010	SW3050
7440-38-2	Arsenic	8.08		1	0.21	1.02	mg/Kg	01/20/23 15:00	01/24/23 14:12	SW6010	SW3050
7440-39-3	Barium	60.2		1	0.73	5.10	mg/Kg	01/20/23 15:00	01/24/23 14:12	SW6010	SW3050
7440-41-7	Beryllium	0.82	N	1	0.021	0.31	mg/Kg	01/20/23 15:00	01/24/23 14:12	SW6010	SW3050
7440-43-9	Cadmium	0.63		1	0.028	0.31	mg/Kg	01/20/23 15:00	01/24/23 14:12	SW6010	SW3050
7440-70-2	Calcium	1650		1	7.28	102	mg/Kg	01/20/23 15:00	01/24/23 14:12	SW6010	SW3050
7440-47-3	Chromium	20.8		1	0.092	0.51	mg/Kg	01/20/23 15:00	01/24/23 14:12	SW6010	SW3050
7440-48-4	Cobalt	10.1		1	0.076	1.53	mg/Kg	01/20/23 15:00	01/24/23 14:12	SW6010	SW3050
7440-50-8	Copper	24.8	N	1	0.43	1.02	mg/Kg	01/20/23 15:00	01/24/23 14:12	SW6010	SW3050
7439-89-6	Iron	17500		1	4.01	5.10	mg/Kg	01/20/23 15:00	01/24/23 14:12	SW6010	SW3050
7439-92-1	Lead	69.2		1	0.27	0.61	mg/Kg	01/20/23 15:00	01/24/23 14:12	SW6010	SW3050
7439-95-4	Magnesium	3010		1	9.29	102	mg/Kg	01/20/23 15:00	01/24/23 14:12	SW6010	SW3050
7439-96-5	Manganese	202		1	0.11	1.02	mg/Kg	01/20/23 15:00	01/24/23 14:12	SW6010	SW3050
7439-97-6	Mercury	0.0070	J	1	0.0030	0.014	mg/Kg	01/20/23 16:35	01/23/23 11:40	SW7471B	
7440-02-0	Nickel	53.4		1	0.18	2.04	mg/Kg	01/20/23 15:00	01/24/23 14:12	SW6010	SW3050
7440-09-7	Potassium	789		1	23.7	102	mg/Kg	01/20/23 15:00	01/24/23 14:12	SW6010	SW3050
7782-49-2	Selenium	0.44	U	1	0.44	1.02	mg/Kg	01/20/23 15:00	01/24/23 14:12	SW6010	SW3050
7440-22-4	Silver	1.08		1	0.080	0.51	mg/Kg	01/20/23 15:00	01/24/23 14:12	SW6010	SW3050
7440-23-5	Sodium	89.6	J	1	23.9	102	mg/Kg	01/20/23 15:00	01/24/23 14:12	SW6010	SW3050
7440-28-0	Thallium	0.32	U	1	0.32	2.04	mg/Kg	01/20/23 15:00	01/24/23 14:12	SW6010	SW3050
7440-62-2	Vanadium	20.7		1	0.33	2.04	mg/Kg	01/20/23 15:00	01/24/23 14:12	SW6010	SW3050
7440-66-6	Zinc	88.8		1	0.20	2.04	mg/Kg	01/20/23 15:00	01/24/23 14:12	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