

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-P17B	SDG No.:	O1232
Lab Sample ID:	O1232-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	86.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	2060		1	2.13	4.81	mg/Kg	01/20/23 15:00	01/20/23 21:01	SW6010	SW3050
7440-36-0	Antimony	0.34	UN	1	0.34	2.41	mg/Kg	01/20/23 15:00	01/20/23 21:01	SW6010	SW3050
7440-38-2	Arsenic	0.66	J	1	0.20	0.96	mg/Kg	01/20/23 15:00	01/20/23 21:01	SW6010	SW3050
7440-39-3	Barium	27.6		1	0.69	4.81	mg/Kg	01/20/23 15:00	01/20/23 21:01	SW6010	SW3050
7440-41-7	Beryllium	0.23	JN	1	0.020	0.29	mg/Kg	01/20/23 15:00	01/20/23 21:01	SW6010	SW3050
7440-43-9	Cadmium	0.094	J	1	0.026	0.29	mg/Kg	01/20/23 15:00	01/20/23 21:01	SW6010	SW3050
7440-70-2	Calcium	3480		1	6.88	96.3	mg/Kg	01/20/23 15:00	01/20/23 21:01	SW6010	SW3050
7440-47-3	Chromium	6.61		1	0.087	0.48	mg/Kg	01/20/23 15:00	01/20/23 21:01	SW6010	SW3050
7440-48-4	Cobalt	3.33		1	0.072	1.44	mg/Kg	01/20/23 15:00	01/20/23 21:01	SW6010	SW3050
7440-50-8	Copper	5.83	N	1	0.40	0.96	mg/Kg	01/20/23 15:00	01/20/23 21:01	SW6010	SW3050
7439-89-6	Iron	6700		1	3.78	4.81	mg/Kg	01/20/23 15:00	01/20/23 21:01	SW6010	SW3050
7439-92-1	Lead	3.48		1	0.25	0.58	mg/Kg	01/20/23 15:00	01/20/23 21:01	SW6010	SW3050
7439-95-4	Magnesium	1550		1	8.77	96.3	mg/Kg	01/20/23 15:00	01/20/23 21:01	SW6010	SW3050
7439-96-5	Manganese	147		1	0.11	0.96	mg/Kg	01/20/23 15:00	01/20/23 21:01	SW6010	SW3050
7439-97-6	Mercury	0.013	J	1	0.0040	0.015	mg/Kg	01/20/23 16:35	01/23/23 11:09	SW7471B	
7440-02-0	Nickel	13.4		1	0.17	1.93	mg/Kg	01/20/23 15:00	01/20/23 21:01	SW6010	SW3050
7440-09-7	Potassium	558		1	22.4	96.3	mg/Kg	01/20/23 15:00	01/20/23 21:01	SW6010	SW3050
7782-49-2	Selenium	0.41	U	1	0.41	0.96	mg/Kg	01/20/23 15:00	01/20/23 21:01	SW6010	SW3050
7440-22-4	Silver	0.43	J	1	0.075	0.48	mg/Kg	01/20/23 15:00	01/20/23 21:01	SW6010	SW3050
7440-23-5	Sodium	63.3	J	1	22.5	96.3	mg/Kg	01/20/23 15:00	01/20/23 21:01	SW6010	SW3050
7440-28-0	Thallium	0.30	U	1	0.30	1.93	mg/Kg	01/20/23 15:00	01/20/23 21:01	SW6010	SW3050
7440-62-2	Vanadium	9.32		1	0.31	1.93	mg/Kg	01/20/23 15:00	01/20/23 21:01	SW6010	SW3050
7440-66-6	Zinc	15.1		1	0.19	1.93	mg/Kg	01/20/23 15:00	01/20/23 21:01	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