

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-P19B	SDG No.:	O1232
Lab Sample ID:	O1232-07	Matrix:	SOIL
Level (low/med):	low	% Solid:	88

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4950		1	2.40	5.44	mg/Kg	01/20/23 15:00	01/24/23 13:49	SW6010	SW3050
7440-36-0	Antimony	0.38	UN	1	0.38	2.72	mg/Kg	01/20/23 15:00	01/24/23 13:49	SW6010	SW3050
7440-38-2	Arsenic	4.24		1	0.23	1.09	mg/Kg	01/20/23 15:00	01/24/23 13:49	SW6010	SW3050
7440-39-3	Barium	62.4		1	0.78	5.44	mg/Kg	01/20/23 15:00	01/24/23 13:49	SW6010	SW3050
7440-41-7	Beryllium	0.64	N	1	0.023	0.33	mg/Kg	01/20/23 15:00	01/24/23 13:49	SW6010	SW3050
7440-43-9	Cadmium	0.38		1	0.029	0.33	mg/Kg	01/20/23 15:00	01/24/23 13:49	SW6010	SW3050
7440-70-2	Calcium	6200		1	7.76	109	mg/Kg	01/20/23 15:00	01/24/23 13:49	SW6010	SW3050
7440-47-3	Chromium	20.1		1	0.098	0.54	mg/Kg	01/20/23 15:00	01/24/23 13:49	SW6010	SW3050
7440-48-4	Cobalt	8.36		1	0.082	1.63	mg/Kg	01/20/23 15:00	01/24/23 13:49	SW6010	SW3050
7440-50-8	Copper	17.2	N	1	0.46	1.09	mg/Kg	01/20/23 15:00	01/24/23 13:49	SW6010	SW3050
7439-89-6	Iron	14700		1	4.27	5.44	mg/Kg	01/20/23 15:00	01/24/23 13:49	SW6010	SW3050
7439-92-1	Lead	42.0		1	0.28	0.65	mg/Kg	01/20/23 15:00	01/24/23 13:49	SW6010	SW3050
7439-95-4	Magnesium	3580		1	9.91	109	mg/Kg	01/20/23 15:00	01/24/23 13:49	SW6010	SW3050
7439-96-5	Manganese	299		1	0.12	1.09	mg/Kg	01/20/23 15:00	01/24/23 13:49	SW6010	SW3050
7439-97-6	Mercury	0.040		1	0.0040	0.015	mg/Kg	01/20/23 16:35	01/23/23 11:18	SW7471B	
7440-02-0	Nickel	37.3		1	0.20	2.17	mg/Kg	01/20/23 15:00	01/24/23 13:49	SW6010	SW3050
7440-09-7	Potassium	942		1	25.3	109	mg/Kg	01/20/23 15:00	01/24/23 13:49	SW6010	SW3050
7782-49-2	Selenium	0.47	U	1	0.47	1.09	mg/Kg	01/20/23 15:00	01/24/23 13:49	SW6010	SW3050
7440-22-4	Silver	0.89		1	0.085	0.54	mg/Kg	01/20/23 15:00	01/24/23 13:49	SW6010	SW3050
7440-23-5	Sodium	157		1	25.4	109	mg/Kg	01/20/23 15:00	01/24/23 13:49	SW6010	SW3050
7440-28-0	Thallium	0.34	U	1	0.34	2.17	mg/Kg	01/20/23 15:00	01/24/23 13:49	SW6010	SW3050
7440-62-2	Vanadium	19.8		1	0.35	2.17	mg/Kg	01/20/23 15:00	01/24/23 13:49	SW6010	SW3050
7440-66-6	Zinc	48.6		1	0.22	2.17	mg/Kg	01/20/23 15:00	01/24/23 13:49	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