

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-P34B	SDG No.:	O1233
Lab Sample ID:	O1233-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	90.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	3100		1	2.42	5.49	mg/Kg	01/20/23 15:00	01/24/23 14:08	SW6010	SW3050
7440-36-0	Antimony	0.39	UN	1	0.39	2.74	mg/Kg	01/20/23 15:00	01/24/23 14:08	SW6010	SW3050
7440-38-2	Arsenic	3.13		1	0.23	1.10	mg/Kg	01/20/23 15:00	01/24/23 14:08	SW6010	SW3050
7440-39-3	Barium	24.2		1	0.79	5.49	mg/Kg	01/20/23 15:00	01/24/23 14:08	SW6010	SW3050
7440-41-7	Beryllium	0.51	N	1	0.023	0.33	mg/Kg	01/20/23 15:00	01/24/23 14:08	SW6010	SW3050
7440-43-9	Cadmium	0.17	J	1	0.030	0.33	mg/Kg	01/20/23 15:00	01/24/23 14:08	SW6010	SW3050
7440-70-2	Calcium	1520		1	7.83	110	mg/Kg	01/20/23 15:00	01/24/23 14:08	SW6010	SW3050
7440-47-3	Chromium	54.3		1	0.099	0.55	mg/Kg	01/20/23 15:00	01/24/23 14:08	SW6010	SW3050
7440-48-4	Cobalt	9.66		1	0.082	1.65	mg/Kg	01/20/23 15:00	01/24/23 14:08	SW6010	SW3050
7440-50-8	Copper	7.54	N	1	0.46	1.10	mg/Kg	01/20/23 15:00	01/24/23 14:08	SW6010	SW3050
7439-89-6	Iron	10800		1	4.31	5.49	mg/Kg	01/20/23 15:00	01/24/23 14:08	SW6010	SW3050
7439-92-1	Lead	240		1	0.28	0.66	mg/Kg	01/20/23 15:00	01/24/23 14:08	SW6010	SW3050
7439-95-4	Magnesium	3560		1	9.99	110	mg/Kg	01/20/23 15:00	01/24/23 14:08	SW6010	SW3050
7439-96-5	Manganese	331		1	0.12	1.10	mg/Kg	01/20/23 15:00	01/24/23 14:08	SW6010	SW3050
7439-97-6	Mercury	0.0070	J	1	0.0030	0.014	mg/Kg	01/20/23 16:35	01/23/23 11:38	SW7471B	
7440-02-0	Nickel	128		1	0.20	2.19	mg/Kg	01/20/23 15:00	01/24/23 14:08	SW6010	SW3050
7440-09-7	Potassium	620		1	25.6	110	mg/Kg	01/20/23 15:00	01/24/23 14:08	SW6010	SW3050
7782-49-2	Selenium	0.47	U	1	0.47	1.10	mg/Kg	01/20/23 15:00	01/24/23 14:08	SW6010	SW3050
7440-22-4	Silver	0.60		1	0.086	0.55	mg/Kg	01/20/23 15:00	01/24/23 14:08	SW6010	SW3050
7440-23-5	Sodium	117		1	25.7	110	mg/Kg	01/20/23 15:00	01/24/23 14:08	SW6010	SW3050
7440-28-0	Thallium	0.34	U	1	0.34	2.19	mg/Kg	01/20/23 15:00	01/24/23 14:08	SW6010	SW3050
7440-62-2	Vanadium	10.3		1	0.35	2.19	mg/Kg	01/20/23 15:00	01/24/23 14:08	SW6010	SW3050
7440-66-6	Zinc	52.8		1	0.22	2.19	mg/Kg	01/20/23 15:00	01/24/23 14:08	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