

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-P35B	SDG No.:	O1232
Lab Sample ID:	O1232-09	Matrix:	SOIL
Level (low/med):	low	% Solid:	93.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	3720		1	2.29	5.18	mg/Kg	01/20/23 15:00	01/24/23 13:57	SW6010	SW3050
7440-36-0	Antimony	0.37	UN	1	0.37	2.59	mg/Kg	01/20/23 15:00	01/24/23 13:57	SW6010	SW3050
7440-38-2	Arsenic	1.99		1	0.22	1.04	mg/Kg	01/20/23 15:00	01/24/23 13:57	SW6010	SW3050
7440-39-3	Barium	28.7		1	0.75	5.18	mg/Kg	01/20/23 15:00	01/24/23 13:57	SW6010	SW3050
7440-41-7	Beryllium	0.45	N	1	0.022	0.31	mg/Kg	01/20/23 15:00	01/24/23 13:57	SW6010	SW3050
7440-43-9	Cadmium	0.17	J	1	0.028	0.31	mg/Kg	01/20/23 15:00	01/24/23 13:57	SW6010	SW3050
7440-70-2	Calcium	7290		1	7.39	104	mg/Kg	01/20/23 15:00	01/24/23 13:57	SW6010	SW3050
7440-47-3	Chromium	13.3		1	0.093	0.52	mg/Kg	01/20/23 15:00	01/24/23 13:57	SW6010	SW3050
7440-48-4	Cobalt	6.41		1	0.078	1.55	mg/Kg	01/20/23 15:00	01/24/23 13:57	SW6010	SW3050
7440-50-8	Copper	9.23	N	1	0.44	1.04	mg/Kg	01/20/23 15:00	01/24/23 13:57	SW6010	SW3050
7439-89-6	Iron	11000		1	4.07	5.18	mg/Kg	01/20/23 15:00	01/24/23 13:57	SW6010	SW3050
7439-92-1	Lead	5.30		1	0.27	0.62	mg/Kg	01/20/23 15:00	01/24/23 13:57	SW6010	SW3050
7439-95-4	Magnesium	5750		1	9.43	104	mg/Kg	01/20/23 15:00	01/24/23 13:57	SW6010	SW3050
7439-96-5	Manganese	281		1	0.11	1.04	mg/Kg	01/20/23 15:00	01/24/23 13:57	SW6010	SW3050
7439-97-6	Mercury	0.0040	U	1	0.0040	0.014	mg/Kg	01/20/23 16:35	01/23/23 11:22	SW7471B	
7440-02-0	Nickel	32.9		1	0.19	2.07	mg/Kg	01/20/23 15:00	01/24/23 13:57	SW6010	SW3050
7440-09-7	Potassium	667		1	24.1	104	mg/Kg	01/20/23 15:00	01/24/23 13:57	SW6010	SW3050
7782-49-2	Selenium	0.45	U	1	0.45	1.04	mg/Kg	01/20/23 15:00	01/24/23 13:57	SW6010	SW3050
7440-22-4	Silver	0.65		1	0.081	0.52	mg/Kg	01/20/23 15:00	01/24/23 13:57	SW6010	SW3050
7440-23-5	Sodium	151		1	24.2	104	mg/Kg	01/20/23 15:00	01/24/23 13:57	SW6010	SW3050
7440-28-0	Thallium	0.32	U	1	0.32	2.07	mg/Kg	01/20/23 15:00	01/24/23 13:57	SW6010	SW3050
7440-62-2	Vanadium	11.9		1	0.33	2.07	mg/Kg	01/20/23 15:00	01/24/23 13:57	SW6010	SW3050
7440-66-6	Zinc	22.6		1	0.21	2.07	mg/Kg	01/20/23 15:00	01/24/23 13:57	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