

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-P17A	SDG No.:	O1232
Lab Sample ID:	O1232-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	89.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	2510		1	2.30	5.20	mg/Kg	01/20/23 15:00	01/20/23 20:38	SW6010	SW3050
7440-36-0	Antimony	0.37	JN	1	0.37	2.60	mg/Kg	01/20/23 15:00	01/20/23 20:38	SW6010	SW3050
7440-38-2	Arsenic	1.07		1	0.22	1.04	mg/Kg	01/20/23 15:00	01/20/23 20:38	SW6010	SW3050
7440-39-3	Barium	33.0		1	0.75	5.20	mg/Kg	01/20/23 15:00	01/20/23 20:38	SW6010	SW3050
7440-41-7	Beryllium	0.28	JN	1	0.022	0.31	mg/Kg	01/20/23 15:00	01/20/23 20:38	SW6010	SW3050
7440-43-9	Cadmium	0.13	J	1	0.028	0.31	mg/Kg	01/20/23 15:00	01/20/23 20:38	SW6010	SW3050
7440-70-2	Calcium	1460		1	7.43	104	mg/Kg	01/20/23 15:00	01/20/23 20:38	SW6010	SW3050
7440-47-3	Chromium	11.7		1	0.094	0.52	mg/Kg	01/20/23 15:00	01/20/23 20:38	SW6010	SW3050
7440-48-4	Cobalt	4.76		1	0.078	1.56	mg/Kg	01/20/23 15:00	01/20/23 20:38	SW6010	SW3050
7440-50-8	Copper	8.92	N	1	0.44	1.04	mg/Kg	01/20/23 15:00	01/20/23 20:38	SW6010	SW3050
7439-89-6	Iron	8860		1	4.09	5.20	mg/Kg	01/20/23 15:00	01/20/23 20:38	SW6010	SW3050
7439-92-1	Lead	7.47		1	0.27	0.62	mg/Kg	01/20/23 15:00	01/20/23 20:38	SW6010	SW3050
7439-95-4	Magnesium	1820		1	9.48	104	mg/Kg	01/20/23 15:00	01/20/23 20:38	SW6010	SW3050
7439-96-5	Manganese	288		1	0.11	1.04	mg/Kg	01/20/23 15:00	01/20/23 20:38	SW6010	SW3050
7439-97-6	Mercury	0.0030	U	1	0.0030	0.014	mg/Kg	01/20/23 16:35	01/23/23 10:55	SW7471B	
7440-02-0	Nickel	22.9		1	0.19	2.08	mg/Kg	01/20/23 15:00	01/20/23 20:38	SW6010	SW3050
7440-09-7	Potassium	556		1	24.2	104	mg/Kg	01/20/23 15:00	01/20/23 20:38	SW6010	SW3050
7782-49-2	Selenium	0.45	U	1	0.45	1.04	mg/Kg	01/20/23 15:00	01/20/23 20:38	SW6010	SW3050
7440-22-4	Silver	0.58		1	0.081	0.52	mg/Kg	01/20/23 15:00	01/20/23 20:38	SW6010	SW3050
7440-23-5	Sodium	52.5	J	1	24.3	104	mg/Kg	01/20/23 15:00	01/20/23 20:38	SW6010	SW3050
7440-28-0	Thallium	0.32	U	1	0.32	2.08	mg/Kg	01/20/23 15:00	01/20/23 20:38	SW6010	SW3050
7440-62-2	Vanadium	9.25		1	0.33	2.08	mg/Kg	01/20/23 15:00	01/20/23 20:38	SW6010	SW3050
7440-66-6	Zinc	18.7		1	0.21	2.08	mg/Kg	01/20/23 15:00	01/20/23 20:38	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