

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-P35A	SDG No.:	O1232
Lab Sample ID:	O1232-08	Matrix:	SOIL
Level (low/med):	low	% Solid:	91.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4840		1	2.07	4.68	mg/Kg	01/20/23 15:00	01/24/23 13:53	SW6010	SW3050
7440-36-0	Antimony	0.33	UN	1	0.33	2.34	mg/Kg	01/20/23 15:00	01/24/23 13:53	SW6010	SW3050
7440-38-2	Arsenic	2.03		1	0.20	0.94	mg/Kg	01/20/23 15:00	01/24/23 13:53	SW6010	SW3050
7440-39-3	Barium	27.4		1	0.67	4.68	mg/Kg	01/20/23 15:00	01/24/23 13:53	SW6010	SW3050
7440-41-7	Beryllium	0.49	N	1	0.020	0.28	mg/Kg	01/20/23 15:00	01/24/23 13:53	SW6010	SW3050
7440-43-9	Cadmium	0.22	J	1	0.025	0.28	mg/Kg	01/20/23 15:00	01/24/23 13:53	SW6010	SW3050
7440-70-2	Calcium	3250		1	6.68	93.6	mg/Kg	01/20/23 15:00	01/24/23 13:53	SW6010	SW3050
7440-47-3	Chromium	11.1		1	0.084	0.47	mg/Kg	01/20/23 15:00	01/24/23 13:53	SW6010	SW3050
7440-48-4	Cobalt	5.95		1	0.070	1.40	mg/Kg	01/20/23 15:00	01/24/23 13:53	SW6010	SW3050
7440-50-8	Copper	13.3	N	1	0.39	0.94	mg/Kg	01/20/23 15:00	01/24/23 13:53	SW6010	SW3050
7439-89-6	Iron	12100		1	3.68	4.68	mg/Kg	01/20/23 15:00	01/24/23 13:53	SW6010	SW3050
7439-92-1	Lead	10.3		1	0.24	0.56	mg/Kg	01/20/23 15:00	01/24/23 13:53	SW6010	SW3050
7439-95-4	Magnesium	3740		1	8.53	93.6	mg/Kg	01/20/23 15:00	01/24/23 13:53	SW6010	SW3050
7439-96-5	Manganese	252		1	0.10	0.94	mg/Kg	01/20/23 15:00	01/24/23 13:53	SW6010	SW3050
7439-97-6	Mercury	0.0040	J	1	0.0030	0.013	mg/Kg	01/20/23 16:35	01/23/23 11:20	SW7471B	
7440-02-0	Nickel	27.8		1	0.17	1.87	mg/Kg	01/20/23 15:00	01/24/23 13:53	SW6010	SW3050
7440-09-7	Potassium	822		1	21.8	93.6	mg/Kg	01/20/23 15:00	01/24/23 13:53	SW6010	SW3050
7782-49-2	Selenium	0.40	U	1	0.40	0.94	mg/Kg	01/20/23 15:00	01/24/23 13:53	SW6010	SW3050
7440-22-4	Silver	0.73		1	0.073	0.47	mg/Kg	01/20/23 15:00	01/24/23 13:53	SW6010	SW3050
7440-23-5	Sodium	73.8	J	1	21.9	93.6	mg/Kg	01/20/23 15:00	01/24/23 13:53	SW6010	SW3050
7440-28-0	Thallium	0.29	U	1	0.29	1.87	mg/Kg	01/20/23 15:00	01/24/23 13:53	SW6010	SW3050
7440-62-2	Vanadium	13.2		1	0.30	1.87	mg/Kg	01/20/23 15:00	01/24/23 13:53	SW6010	SW3050
7440-66-6	Zinc	24.9		1	0.19	1.87	mg/Kg	01/20/23 15:00	01/24/23 13:53	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