

Hit Summary Sheet SW-846

SDG No.: Q2651 **Order ID:** Q2651
Client: Earth Engineering Inc. **Project ID:** Leon Avenue

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MH 2-1								
Q2651-01	MH 2-1	SOIL	Aluminum	3040		0.79	4.68	mg/Kg
Q2651-01	MH 2-1	SOIL	Arsenic	3.16		0.18	0.94	mg/Kg
Q2651-01	MH 2-1	SOIL	Barium	13.7		0.68	4.68	mg/Kg
Q2651-01	MH 2-1	SOIL	Beryllium	0.31		0.023	0.28	mg/Kg
Q2651-01	MH 2-1	SOIL	Calcium	817		10.4	93.6	mg/Kg
Q2651-01	MH 2-1	SOIL	Chromium	9.31		0.044	0.47	mg/Kg
Q2651-01	MH 2-1	SOIL	Cobalt	2.95		0.094	1.40	mg/Kg
Q2651-01	MH 2-1	SOIL	Copper	11.4		0.21	0.94	mg/Kg
Q2651-01	MH 2-1	SOIL	Iron	8440		3.74	4.68	mg/Kg
Q2651-01	MH 2-1	SOIL	Lead	3.53		0.12	0.56	mg/Kg
Q2651-01	MH 2-1	SOIL	Magnesium	878		11.2	93.6	mg/Kg
Q2651-01	MH 2-1	SOIL	Manganese	62.5		0.13	0.94	mg/Kg
Q2651-01	MH 2-1	SOIL	Mercury	0.015		0.0070	0.013	mg/Kg
Q2651-01	MH 2-1	SOIL	Nickel	4.33		0.12	1.87	mg/Kg
Q2651-01	MH 2-1	SOIL	Potassium	239		25.9	93.6	mg/Kg
Q2651-01	MH 2-1	SOIL	Silver	0.29	J	0.11	0.47	mg/Kg
Q2651-01	MH 2-1	SOIL	Sodium	73.5	J	16.7	93.6	mg/Kg
Q2651-01	MH 2-1	SOIL	Thallium	0.24	J	0.22	1.87	mg/Kg
Q2651-01	MH 2-1	SOIL	Vanadium	11.8		0.23	1.87	mg/Kg
Q2651-01	MH 2-1	SOIL	Zinc	14.2		0.22	1.87	mg/Kg
Client ID : MH 6-5								
Q2651-02	MH 6-5	SOIL	Aluminum	6670		0.73	4.37	mg/Kg
Q2651-02	MH 6-5	SOIL	Arsenic	2.83		0.17	0.87	mg/Kg
Q2651-02	MH 6-5	SOIL	Barium	19.7		0.64	4.37	mg/Kg
Q2651-02	MH 6-5	SOIL	Beryllium	0.34		0.022	0.26	mg/Kg
Q2651-02	MH 6-5	SOIL	Calcium	1480		9.70	87.4	mg/Kg
Q2651-02	MH 6-5	SOIL	Chromium	16.1		0.041	0.44	mg/Kg
Q2651-02	MH 6-5	SOIL	Cobalt	4.18		0.087	1.31	mg/Kg
Q2651-02	MH 6-5	SOIL	Copper	16.9		0.19	0.87	mg/Kg
Q2651-02	MH 6-5	SOIL	Iron	9690		3.49	4.37	mg/Kg
Q2651-02	MH 6-5	SOIL	Lead	4.85		0.11	0.52	mg/Kg
Q2651-02	MH 6-5	SOIL	Magnesium	1230		10.5	87.4	mg/Kg
Q2651-02	MH 6-5	SOIL	Manganese	82.7		0.12	0.87	mg/Kg
Q2651-02	MH 6-5	SOIL	Mercury	0.014		0.0070	0.013	mg/Kg
Q2651-02	MH 6-5	SOIL	Nickel	7.93		0.11	1.75	mg/Kg
Q2651-02	MH 6-5	SOIL	Potassium	417		24.2	87.4	mg/Kg
Q2651-02	MH 6-5	SOIL	Silver	0.34	J	0.11	0.44	mg/Kg

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SDG No.: Q2651

Order ID: Q2651

Client: Earth Engineering Inc.

Project ID: Leon Avenue

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2651-02	MH 6-5	SOIL	Sodium	26.0	J	15.6	87.4	mg/Kg
Q2651-02	MH 6-5	SOIL	Thallium	0.29	J	0.20	1.75	mg/Kg
Q2651-02	MH 6-5	SOIL	Vanadium	16.5		0.22	1.75	mg/Kg
Q2651-02	MH 6-5	SOIL	Zinc	19.0		0.20	1.75	mg/Kg

Client ID : MH 7-6

Q2651-03	MH 7-6	SOIL	Aluminum	6020		0.84	5.02	mg/Kg
Q2651-03	MH 7-6	SOIL	Arsenic	3.40		0.19	1.00	mg/Kg
Q2651-03	MH 7-6	SOIL	Barium	18.5		0.73	5.02	mg/Kg
Q2651-03	MH 7-6	SOIL	Beryllium	0.33		0.025	0.30	mg/Kg
Q2651-03	MH 7-6	SOIL	Calcium	333		11.2	100	mg/Kg
Q2651-03	MH 7-6	SOIL	Chromium	16.2		0.047	0.50	mg/Kg
Q2651-03	MH 7-6	SOIL	Cobalt	4.43		0.10	1.51	mg/Kg
Q2651-03	MH 7-6	SOIL	Copper	15.6		0.22	1.00	mg/Kg
Q2651-03	MH 7-6	SOIL	Iron	9530		4.01	5.02	mg/Kg
Q2651-03	MH 7-6	SOIL	Lead	5.10		0.13	0.60	mg/Kg
Q2651-03	MH 7-6	SOIL	Magnesium	875		12.1	100	mg/Kg
Q2651-03	MH 7-6	SOIL	Manganese	93.7		0.14	1.00	mg/Kg
Q2651-03	MH 7-6	SOIL	Mercury	0.0080	J	0.0080	0.014	mg/Kg
Q2651-03	MH 7-6	SOIL	Nickel	7.11		0.13	2.01	mg/Kg
Q2651-03	MH 7-6	SOIL	Potassium	394		27.8	100	mg/Kg
Q2651-03	MH 7-6	SOIL	Silver	0.34	J	0.12	0.50	mg/Kg
Q2651-03	MH 7-6	SOIL	Sodium	127		17.9	100	mg/Kg
Q2651-03	MH 7-6	SOIL	Thallium	0.29	J	0.23	2.01	mg/Kg
Q2651-03	MH 7-6	SOIL	Vanadium	13.1		0.25	2.01	mg/Kg
Q2651-03	MH 7-6	SOIL	Zinc	20.0		0.23	2.01	mg/Kg

Client ID : MH 8-7

Q2651-04	MH 8-7	SOIL	Aluminum	5750		0.79	4.72	mg/Kg
Q2651-04	MH 8-7	SOIL	Arsenic	2.81		0.18	0.94	mg/Kg
Q2651-04	MH 8-7	SOIL	Barium	18.3		0.69	4.72	mg/Kg
Q2651-04	MH 8-7	SOIL	Beryllium	0.27	J	0.024	0.28	mg/Kg
Q2651-04	MH 8-7	SOIL	Calcium	472		10.5	94.4	mg/Kg
Q2651-04	MH 8-7	SOIL	Chromium	14.4		0.044	0.47	mg/Kg
Q2651-04	MH 8-7	SOIL	Cobalt	3.28		0.094	1.42	mg/Kg
Q2651-04	MH 8-7	SOIL	Copper	13.7		0.21	0.94	mg/Kg
Q2651-04	MH 8-7	SOIL	Iron	7800		3.77	4.72	mg/Kg
Q2651-04	MH 8-7	SOIL	Lead	5.39		0.12	0.57	mg/Kg
Q2651-04	MH 8-7	SOIL	Magnesium	797		11.3	94.4	mg/Kg
Q2651-04	MH 8-7	SOIL	Manganese	75.8		0.13	0.94	mg/Kg
Q2651-04	MH 8-7	SOIL	Mercury	0.021		0.0070	0.012	mg/Kg

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Order ID: Q2651

Client: Earth Engineering Inc.

Project ID: Leon Avenue

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2651-04	MH 8-7	SOIL	Nickel	6.27		0.12	1.89	mg/Kg
Q2651-04	MH 8-7	SOIL	Potassium	380		26.1	94.4	mg/Kg
Q2651-04	MH 8-7	SOIL	Silver	0.26	J	0.11	0.47	mg/Kg
Q2651-04	MH 8-7	SOIL	Sodium	36.6	J	16.8	94.4	mg/Kg
Q2651-04	MH 8-7	SOIL	Thallium	0.31	J	0.22	1.89	mg/Kg
Q2651-04	MH 8-7	SOIL	Vanadium	10.9		0.24	1.89	mg/Kg
Q2651-04	MH 8-7	SOIL	Zinc	16.6		0.22	1.89	mg/Kg
Client ID : MH 9-8								
Q2651-05	MH 9-8	SOIL	Aluminum	5730		0.85	5.05	mg/Kg
Q2651-05	MH 9-8	SOIL	Arsenic	3.62		0.19	1.01	mg/Kg
Q2651-05	MH 9-8	SOIL	Barium	17.4		0.74	5.05	mg/Kg
Q2651-05	MH 9-8	SOIL	Beryllium	0.38		0.025	0.30	mg/Kg
Q2651-05	MH 9-8	SOIL	Calcium	462		11.2	101	mg/Kg
Q2651-05	MH 9-8	SOIL	Chromium	12.2		0.048	0.51	mg/Kg
Q2651-05	MH 9-8	SOIL	Cobalt	4.03		0.10	1.52	mg/Kg
Q2651-05	MH 9-8	SOIL	Copper	16.8		0.22	1.01	mg/Kg
Q2651-05	MH 9-8	SOIL	Iron	10200		4.03	5.05	mg/Kg
Q2651-05	MH 9-8	SOIL	Lead	5.40		0.13	0.61	mg/Kg
Q2651-05	MH 9-8	SOIL	Magnesium	733		12.1	101	mg/Kg
Q2651-05	MH 9-8	SOIL	Manganese	70.8		0.14	1.01	mg/Kg
Q2651-05	MH 9-8	SOIL	Mercury	0.015		0.0070	0.013	mg/Kg
Q2651-05	MH 9-8	SOIL	Nickel	6.84		0.13	2.02	mg/Kg
Q2651-05	MH 9-8	SOIL	Potassium	353		28.0	101	mg/Kg
Q2651-05	MH 9-8	SOIL	Silver	0.35	J	0.12	0.51	mg/Kg
Q2651-05	MH 9-8	SOIL	Sodium	234		18.0	101	mg/Kg
Q2651-05	MH 9-8	SOIL	Vanadium	16.0		0.25	2.02	mg/Kg
Q2651-05	MH 9-8	SOIL	Zinc	18.0		0.23	2.02	mg/Kg



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	07/17/25
Project:	Leon Avenue	Date Received:	07/18/25
Client Sample ID:	MH 2-1	SDG No.:	Q2651
Lab Sample ID:	Q2651-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	94.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	3040		1	0.79	4.68	mg/Kg	07/21/25 10:05	07/22/25 18:30	6010D	SW3050
7440-36-0	Antimony	0.21	UN	1	0.21	2.34	mg/Kg	07/21/25 10:05	07/22/25 18:30	6010D	SW3050
7440-38-2	Arsenic	3.16		1	0.18	0.94	mg/Kg	07/21/25 10:05	07/22/25 18:30	6010D	SW3050
7440-39-3	Barium	13.7		1	0.68	4.68	mg/Kg	07/21/25 10:05	07/22/25 18:30	6010D	SW3050
7440-41-7	Beryllium	0.31		1	0.023	0.28	mg/Kg	07/21/25 10:05	07/22/25 18:30	6010D	SW3050
7440-43-9	Cadmium	0.022	U	1	0.022	0.28	mg/Kg	07/21/25 10:05	07/22/25 18:30	6010D	SW3050
7440-70-2	Calcium	817	*	1	10.4	93.6	mg/Kg	07/21/25 10:05	07/22/25 18:30	6010D	SW3050
7440-47-3	Chromium	9.31		1	0.044	0.47	mg/Kg	07/21/25 10:05	07/22/25 18:30	6010D	SW3050
7440-48-4	Cobalt	2.95		1	0.094	1.40	mg/Kg	07/21/25 10:05	07/22/25 18:30	6010D	SW3050
7440-50-8	Copper	11.4		1	0.21	0.94	mg/Kg	07/21/25 10:05	07/22/25 18:30	6010D	SW3050
7439-89-6	Iron	8440		1	3.74	4.68	mg/Kg	07/21/25 10:05	07/22/25 18:30	6010D	SW3050
7439-92-1	Lead	3.53		1	0.12	0.56	mg/Kg	07/21/25 10:05	07/22/25 18:30	6010D	SW3050
7439-95-4	Magnesium	878	*	1	11.2	93.6	mg/Kg	07/21/25 10:05	07/22/25 18:30	6010D	SW3050
7439-96-5	Manganese	62.5		1	0.13	0.94	mg/Kg	07/21/25 10:05	07/22/25 18:30	6010D	SW3050
7439-97-6	Mercury	0.015		1	0.0070	0.013	mg/Kg	07/18/25 15:50	07/21/25 12:49	7471B	
7440-02-0	Nickel	4.33		1	0.12	1.87	mg/Kg	07/21/25 10:05	07/22/25 18:30	6010D	SW3050
7440-09-7	Potassium	239		1	25.9	93.6	mg/Kg	07/21/25 10:05	07/22/25 18:30	6010D	SW3050
7782-49-2	Selenium	0.24	U	1	0.24	0.94	mg/Kg	07/21/25 10:05	07/22/25 18:30	6010D	SW3050
7440-22-4	Silver	0.29	J	1	0.11	0.47	mg/Kg	07/21/25 10:05	07/22/25 18:30	6010D	SW3050
7440-23-5	Sodium	73.5	J	1	16.7	93.6	mg/Kg	07/21/25 10:05	07/22/25 18:30	6010D	SW3050
7440-28-0	Thallium	0.24	J	1	0.22	1.87	mg/Kg	07/21/25 10:05	07/22/25 18:30	6010D	SW3050
7440-62-2	Vanadium	11.8		1	0.23	1.87	mg/Kg	07/21/25 10:05	07/22/25 18:30	6010D	SW3050
7440-66-6	Zinc	14.2	N	1	0.22	1.87	mg/Kg	07/21/25 10:05	07/22/25 18:30	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	TCL+30/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

Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	07/17/25
Project:	Leon Avenue	Date Received:	07/18/25
Client Sample ID:	MH 6-5	SDG No.:	Q2651
Lab Sample ID:	Q2651-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	93.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6670		1	0.73	4.37	mg/Kg	07/21/25 10:05	07/22/25 19:03	6010D	SW3050
7440-36-0	Antimony	0.19	UN	1	0.19	2.18	mg/Kg	07/21/25 10:05	07/22/25 19:03	6010D	SW3050
7440-38-2	Arsenic	2.83		1	0.17	0.87	mg/Kg	07/21/25 10:05	07/22/25 19:03	6010D	SW3050
7440-39-3	Barium	19.7		1	0.64	4.37	mg/Kg	07/21/25 10:05	07/22/25 19:03	6010D	SW3050
7440-41-7	Beryllium	0.34		1	0.022	0.26	mg/Kg	07/21/25 10:05	07/22/25 19:03	6010D	SW3050
7440-43-9	Cadmium	0.021	U	1	0.021	0.26	mg/Kg	07/21/25 10:05	07/22/25 19:03	6010D	SW3050
7440-70-2	Calcium	1480	*	1	9.70	87.4	mg/Kg	07/21/25 10:05	07/22/25 19:03	6010D	SW3050
7440-47-3	Chromium	16.1		1	0.041	0.44	mg/Kg	07/21/25 10:05	07/22/25 19:03	6010D	SW3050
7440-48-4	Cobalt	4.18		1	0.087	1.31	mg/Kg	07/21/25 10:05	07/22/25 19:03	6010D	SW3050
7440-50-8	Copper	16.9		1	0.19	0.87	mg/Kg	07/21/25 10:05	07/22/25 19:03	6010D	SW3050
7439-89-6	Iron	9690		1	3.49	4.37	mg/Kg	07/21/25 10:05	07/22/25 19:03	6010D	SW3050
7439-92-1	Lead	4.85		1	0.11	0.52	mg/Kg	07/21/25 10:05	07/22/25 19:03	6010D	SW3050
7439-95-4	Magnesium	1230	*	1	10.5	87.4	mg/Kg	07/21/25 10:05	07/22/25 19:03	6010D	SW3050
7439-96-5	Manganese	82.7		1	0.12	0.87	mg/Kg	07/21/25 10:05	07/22/25 19:03	6010D	SW3050
7439-97-6	Mercury	0.014		1	0.0070	0.013	mg/Kg	07/18/25 15:50	07/21/25 12:51	7471B	
7440-02-0	Nickel	7.93		1	0.11	1.75	mg/Kg	07/21/25 10:05	07/22/25 19:03	6010D	SW3050
7440-09-7	Potassium	417		1	24.2	87.4	mg/Kg	07/21/25 10:05	07/22/25 19:03	6010D	SW3050
7782-49-2	Selenium	0.23	U	1	0.23	0.87	mg/Kg	07/21/25 10:05	07/22/25 19:03	6010D	SW3050
7440-22-4	Silver	0.34	J	1	0.11	0.44	mg/Kg	07/21/25 10:05	07/22/25 19:03	6010D	SW3050
7440-23-5	Sodium	26.0	J	1	15.6	87.4	mg/Kg	07/21/25 10:05	07/22/25 19:03	6010D	SW3050
7440-28-0	Thallium	0.29	J	1	0.20	1.75	mg/Kg	07/21/25 10:05	07/22/25 19:03	6010D	SW3050
7440-62-2	Vanadium	16.5		1	0.22	1.75	mg/Kg	07/21/25 10:05	07/22/25 19:03	6010D	SW3050
7440-66-6	Zinc	19.0	N	1	0.20	1.75	mg/Kg	07/21/25 10:05	07/22/25 19:03	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	TCL+30/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

Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	07/17/25
Project:	Leon Avenue	Date Received:	07/18/25
Client Sample ID:	MH 7-6	SDG No.:	Q2651
Lab Sample ID:	Q2651-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	93.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6020		1	0.84	5.02	mg/Kg	07/21/25 10:05	07/22/25 19:07	6010D	SW3050
7440-36-0	Antimony	0.22	UN	1	0.22	2.51	mg/Kg	07/21/25 10:05	07/22/25 19:07	6010D	SW3050
7440-38-2	Arsenic	3.40		1	0.19	1.00	mg/Kg	07/21/25 10:05	07/22/25 19:07	6010D	SW3050
7440-39-3	Barium	18.5		1	0.73	5.02	mg/Kg	07/21/25 10:05	07/22/25 19:07	6010D	SW3050
7440-41-7	Beryllium	0.33		1	0.025	0.30	mg/Kg	07/21/25 10:05	07/22/25 19:07	6010D	SW3050
7440-43-9	Cadmium	0.024	U	1	0.024	0.30	mg/Kg	07/21/25 10:05	07/22/25 19:07	6010D	SW3050
7440-70-2	Calcium	333	*	1	11.2	100	mg/Kg	07/21/25 10:05	07/22/25 19:07	6010D	SW3050
7440-47-3	Chromium	16.2		1	0.047	0.50	mg/Kg	07/21/25 10:05	07/22/25 19:07	6010D	SW3050
7440-48-4	Cobalt	4.43		1	0.10	1.51	mg/Kg	07/21/25 10:05	07/22/25 19:07	6010D	SW3050
7440-50-8	Copper	15.6		1	0.22	1.00	mg/Kg	07/21/25 10:05	07/22/25 19:07	6010D	SW3050
7439-89-6	Iron	9530		1	4.01	5.02	mg/Kg	07/21/25 10:05	07/22/25 19:07	6010D	SW3050
7439-92-1	Lead	5.10		1	0.13	0.60	mg/Kg	07/21/25 10:05	07/22/25 19:07	6010D	SW3050
7439-95-4	Magnesium	875	*	1	12.1	100	mg/Kg	07/21/25 10:05	07/22/25 19:07	6010D	SW3050
7439-96-5	Manganese	93.7		1	0.14	1.00	mg/Kg	07/21/25 10:05	07/22/25 19:07	6010D	SW3050
7439-97-6	Mercury	0.0080	J	1	0.0080	0.014	mg/Kg	07/18/25 15:50	07/21/25 12:54	7471B	
7440-02-0	Nickel	7.11		1	0.13	2.01	mg/Kg	07/21/25 10:05	07/22/25 19:07	6010D	SW3050
7440-09-7	Potassium	394		1	27.8	100	mg/Kg	07/21/25 10:05	07/22/25 19:07	6010D	SW3050
7782-49-2	Selenium	0.26	U	1	0.26	1.00	mg/Kg	07/21/25 10:05	07/22/25 19:07	6010D	SW3050
7440-22-4	Silver	0.34	J	1	0.12	0.50	mg/Kg	07/21/25 10:05	07/22/25 19:07	6010D	SW3050
7440-23-5	Sodium	127		1	17.9	100	mg/Kg	07/21/25 10:05	07/22/25 19:07	6010D	SW3050
7440-28-0	Thallium	0.29	J	1	0.23	2.01	mg/Kg	07/21/25 10:05	07/22/25 19:07	6010D	SW3050
7440-62-2	Vanadium	13.1		1	0.25	2.01	mg/Kg	07/21/25 10:05	07/22/25 19:07	6010D	SW3050
7440-66-6	Zinc	20.0	N	1	0.23	2.01	mg/Kg	07/21/25 10:05	07/22/25 19:07	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	TCL+30/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

Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	07/17/25
Project:	Leon Avenue	Date Received:	07/18/25
Client Sample ID:	MH 8-7	SDG No.:	Q2651
Lab Sample ID:	Q2651-04	Matrix:	SOIL
Level (low/med):	low	% Solid:	94.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5750		1	0.79	4.72	mg/Kg	07/21/25 10:05	07/22/25 19:11	6010D	SW3050
7440-36-0	Antimony	0.21	UN	1	0.21	2.36	mg/Kg	07/21/25 10:05	07/22/25 19:11	6010D	SW3050
7440-38-2	Arsenic	2.81		1	0.18	0.94	mg/Kg	07/21/25 10:05	07/22/25 19:11	6010D	SW3050
7440-39-3	Barium	18.3		1	0.69	4.72	mg/Kg	07/21/25 10:05	07/22/25 19:11	6010D	SW3050
7440-41-7	Beryllium	0.27	J	1	0.024	0.28	mg/Kg	07/21/25 10:05	07/22/25 19:11	6010D	SW3050
7440-43-9	Cadmium	0.023	U	1	0.023	0.28	mg/Kg	07/21/25 10:05	07/22/25 19:11	6010D	SW3050
7440-70-2	Calcium	472	*	1	10.5	94.4	mg/Kg	07/21/25 10:05	07/22/25 19:11	6010D	SW3050
7440-47-3	Chromium	14.4		1	0.044	0.47	mg/Kg	07/21/25 10:05	07/22/25 19:11	6010D	SW3050
7440-48-4	Cobalt	3.28		1	0.094	1.42	mg/Kg	07/21/25 10:05	07/22/25 19:11	6010D	SW3050
7440-50-8	Copper	13.7		1	0.21	0.94	mg/Kg	07/21/25 10:05	07/22/25 19:11	6010D	SW3050
7439-89-6	Iron	7800		1	3.77	4.72	mg/Kg	07/21/25 10:05	07/22/25 19:11	6010D	SW3050
7439-92-1	Lead	5.39		1	0.12	0.57	mg/Kg	07/21/25 10:05	07/22/25 19:11	6010D	SW3050
7439-95-4	Magnesium	797	*	1	11.3	94.4	mg/Kg	07/21/25 10:05	07/22/25 19:11	6010D	SW3050
7439-96-5	Manganese	75.8		1	0.13	0.94	mg/Kg	07/21/25 10:05	07/22/25 19:11	6010D	SW3050
7439-97-6	Mercury	0.021		1	0.0070	0.012	mg/Kg	07/18/25 15:50	07/21/25 13:00	7471B	
7440-02-0	Nickel	6.27		1	0.12	1.89	mg/Kg	07/21/25 10:05	07/22/25 19:11	6010D	SW3050
7440-09-7	Potassium	380		1	26.1	94.4	mg/Kg	07/21/25 10:05	07/22/25 19:11	6010D	SW3050
7782-49-2	Selenium	0.25	U	1	0.25	0.94	mg/Kg	07/21/25 10:05	07/22/25 19:11	6010D	SW3050
7440-22-4	Silver	0.26	J	1	0.11	0.47	mg/Kg	07/21/25 10:05	07/22/25 19:11	6010D	SW3050
7440-23-5	Sodium	36.6	J	1	16.8	94.4	mg/Kg	07/21/25 10:05	07/22/25 19:11	6010D	SW3050
7440-28-0	Thallium	0.31	J	1	0.22	1.89	mg/Kg	07/21/25 10:05	07/22/25 19:11	6010D	SW3050
7440-62-2	Vanadium	10.9		1	0.24	1.89	mg/Kg	07/21/25 10:05	07/22/25 19:11	6010D	SW3050
7440-66-6	Zinc	16.6	N	1	0.22	1.89	mg/Kg	07/21/25 10:05	07/22/25 19:11	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	TCL+30/TAL			

U = Not Detected

LOQ = Limit of Quantitation

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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

Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	07/17/25
Project:	Leon Avenue	Date Received:	07/18/25
Client Sample ID:	MH 9-8	SDG No.:	Q2651
Lab Sample ID:	Q2651-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	92.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5730		1	0.85	5.05	mg/Kg	07/21/25 10:05	07/22/25 19:15	6010D	SW3050
7440-36-0	Antimony	0.22	UN	1	0.22	2.53	mg/Kg	07/21/25 10:05	07/22/25 19:15	6010D	SW3050
7440-38-2	Arsenic	3.62		1	0.19	1.01	mg/Kg	07/21/25 10:05	07/22/25 19:15	6010D	SW3050
7440-39-3	Barium	17.4		1	0.74	5.05	mg/Kg	07/21/25 10:05	07/22/25 19:15	6010D	SW3050
7440-41-7	Beryllium	0.38		1	0.025	0.30	mg/Kg	07/21/25 10:05	07/22/25 19:15	6010D	SW3050
7440-43-9	Cadmium	0.024	U	1	0.024	0.30	mg/Kg	07/21/25 10:05	07/22/25 19:15	6010D	SW3050
7440-70-2	Calcium	462	*	1	11.2	101	mg/Kg	07/21/25 10:05	07/22/25 19:15	6010D	SW3050
7440-47-3	Chromium	12.2		1	0.048	0.51	mg/Kg	07/21/25 10:05	07/22/25 19:15	6010D	SW3050
7440-48-4	Cobalt	4.03		1	0.10	1.52	mg/Kg	07/21/25 10:05	07/22/25 19:15	6010D	SW3050
7440-50-8	Copper	16.8		1	0.22	1.01	mg/Kg	07/21/25 10:05	07/22/25 19:15	6010D	SW3050
7439-89-6	Iron	10200		1	4.03	5.05	mg/Kg	07/21/25 10:05	07/22/25 19:15	6010D	SW3050
7439-92-1	Lead	5.40		1	0.13	0.61	mg/Kg	07/21/25 10:05	07/22/25 19:15	6010D	SW3050
7439-95-4	Magnesium	733	*	1	12.1	101	mg/Kg	07/21/25 10:05	07/22/25 19:15	6010D	SW3050
7439-96-5	Manganese	70.8		1	0.14	1.01	mg/Kg	07/21/25 10:05	07/22/25 19:15	6010D	SW3050
7439-97-6	Mercury	0.015		1	0.0070	0.013	mg/Kg	07/18/25 15:50	07/21/25 13:03	7471B	
7440-02-0	Nickel	6.84		1	0.13	2.02	mg/Kg	07/21/25 10:05	07/22/25 19:15	6010D	SW3050
7440-09-7	Potassium	353		1	28.0	101	mg/Kg	07/21/25 10:05	07/22/25 19:15	6010D	SW3050
7782-49-2	Selenium	0.26	U	1	0.26	1.01	mg/Kg	07/21/25 10:05	07/22/25 19:15	6010D	SW3050
7440-22-4	Silver	0.35	J	1	0.12	0.51	mg/Kg	07/21/25 10:05	07/22/25 19:15	6010D	SW3050
7440-23-5	Sodium	234		1	18.0	101	mg/Kg	07/21/25 10:05	07/22/25 19:15	6010D	SW3050
7440-28-0	Thallium	0.23	U	1	0.23	2.02	mg/Kg	07/21/25 10:05	07/22/25 19:15	6010D	SW3050
7440-62-2	Vanadium	16.0		1	0.25	2.02	mg/Kg	07/21/25 10:05	07/22/25 19:15	6010D	SW3050
7440-66-6	Zinc	18.0	N	1	0.23	2.02	mg/Kg	07/21/25 10:05	07/22/25 19:15	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	TCL+30/TAL			

U = Not Detected

LOQ = Limit of Quantitation

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LAB CHRONICLE

OrderID:	Q2651	OrderDate:	7/18/2025 2:29:11 PM
Client:	Earth Engineering Inc.	Project:	Leon Avenue
Contact:	Frank Dougherty, LSRP	Location:	O22

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2651-01	MH 2-1	SOIL			07/17/25			07/18/25
			Mercury	7471B		07/18/25	07/21/25	
			Metals ICP-TAL	6010D		07/21/25	07/22/25	
Q2651-02	MH 6-5	SOIL			07/17/25			07/18/25
			Mercury	7471B		07/18/25	07/21/25	
			Metals ICP-TAL	6010D		07/21/25	07/22/25	
Q2651-03	MH 7-6	SOIL			07/17/25			07/18/25
			Mercury	7471B		07/18/25	07/21/25	
			Metals ICP-TAL	6010D		07/21/25	07/22/25	
Q2651-04	MH 8-7	SOIL			07/17/25			07/18/25
			Mercury	7471B		07/18/25	07/21/25	
			Metals ICP-TAL	6010D		07/21/25	07/22/25	
Q2651-05	MH 9-8	SOIL			07/17/25			07/18/25
			Mercury	7471B		07/18/25	07/21/25	
			Metals ICP-TAL	6010D		07/21/25	07/22/25	