

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: TRUE NORTH
Name:
ClientProj: 250196.01
GTA ProjNo: 082625-4

Site Addr: TN - HOUGHTON LAKE
HOUGHTON LAKE
Sampled By: DJT/GCES
Date Rec: 8/26/2025
Time Rec: 1:45 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	PR-1 (1.5')	8/26/2025	11:20 AM	SOIL
2	PR-2 (1.5')	8/26/2025	11:25 AM	SOIL
3	PR-3 (1.5')	8/26/2025	11:30 AM	SOIL
4	PR-4 (1.5')	8/26/2025	11:35 AM	SOIL
5	UST NW	8/26/2025	12:00 PM	WATER
6	UST SE	8/26/2025	12:10 PM	WATER

ELECTRONIC SIGNATURE REPORT. This is a final report for the following pages of data for the samples specified above. All analysis was performed by the methods stated and all quality control measures required were completed. All quality control information is available upon request.

Kirk Chase

Kirk L. Chase/Chemist
Grand Traverse Analytical
830 Robinwood Court
Traverse City, MI 49686
Ph: 231-929-0905
Fx: 231-929-0894
SP: 231-590-0291
kirk@gtanalytical.com

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: TRUE NORTH
PROJECT NO: 250196.01
LOCATION: TN - HOUGHTON LAKE
HOUGHTON LAKE
MI
SAMPLE MATRIX: SOIL
SAMPLE ID: PR-1 (1.5')

GTA PROJECT NO: 082625-4
GTA SAMPLE NO: 1
DATE SAMPLED: 8/26/2025
TIME SAMPLED: 11:20 AM
DATE RECEIVED: 8/26/2025
TIME RECEIVED: 1:45 PM

SAMPLED BY: DJT/GCES

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	8/27/2025	8/29/2025	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: TRUE NORTH
PROJECT NO: 250196.01
LOCATION: TN - HOUGHTON LAKE
HOUGHTON LAKE
MI
SAMPLE MATRIX: SOIL
SAMPLE ID: PR-2 (1.5')

GTA PROJECT NO: 082625-4
GTA SAMPLE NO: 2
DATE SAMPLED: 8/26/2025
TIME SAMPLED: 11:25 AM
DATE RECEIVED: 8/26/2025
TIME RECEIVED: 1:45 PM

SAMPLED BY: DJT/GCES

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	8/27/2025	8/29/2025	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: TRUE NORTH
NAME:
PROJECT NO: 250196.01
LOCATION: TN - HOUGHTON LAKE

HOUGHTON LAKE
MI
SAMPLED BY: DJT/GCES

GTA PROJECT NO: 082625-4
GTA SAMPLE NO: 3

DATE SAMPLED: 8/26/2025
TIME SAMPLED: 11:30 AM

DATE RECEIVED: 8/26/2025
TIME RECEIVED: 1:45 PM

EPA 8260B VOLATILE ORGANICS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Complete</u>	<u>Prep Method</u>
SAMPLE ID:	PR-3 (1.5')							
SAMPLE MATRIX:	SOIL							
1,2,4-Trimethylbenzene		160,000	1,000	ug/Kg (PPB)	MR	8/26/2025	9/1/2025	EPA 5035A
1,3,5-Trimethylbenzene		48,000	1,000	ug/Kg (PPB)	MR	8/26/2025	9/1/2025	EPA 5035A
2,2,4-Trimethylpentane		18,000	2,500	ug/Kg (PPB)	MR	8/26/2025	8/29/2025	EPA 5035A
2-Methylnaphthalene		18,000	250	ug/Kg (PPB)	MR	8/26/2025	8/29/2025	EPA 5035A
Benzene		160	50	ug/Kg (PPB)	MR	8/26/2025	8/29/2025	EPA 5035A
Ethylbenzene		160,000	1,000	ug/Kg (PPB)	MR	8/26/2025	9/1/2025	EPA 5035A
Naphthalene		18,000	250	ug/Kg (PPB)	MR	8/26/2025	8/29/2025	EPA 5035A
n-Hexane		1,800	250	ug/Kg (PPB)	MR	8/26/2025	8/29/2025	EPA 5035A
n-Propylbenzene		27,000	1,000	ug/Kg (PPB)	MR	8/26/2025	9/1/2025	EPA 5035A
Pentane		ND	5,000	ug/Kg (PPB)	MR	8/26/2025	8/29/2025	EPA 5035A
sec-Butylbenzene		2,300	50	ug/Kg (PPB)	MR	8/26/2025	8/29/2025	EPA 5035A
tert-Butylbenzene		ND	50	ug/Kg (PPB)	MR	8/26/2025	8/29/2025	EPA 5035A
Toluene		110,000	1,000	ug/Kg (PPB)	MR	8/26/2025	9/1/2025	EPA 5035A
Xylene (total)		380,000	3,000	ug/Kg (PPB)	MR	8/26/2025	9/1/2025	EPA 5035A

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: TRUE NORTH
PROJECT NO: 250196.01
LOCATION: TN - HOUGHTON LAKE
HOUGHTON LAKE
MI
SAMPLE MATRIX: SOIL
SAMPLE ID: PR-4 (1.5')

GTA PROJECT NO: 082625-4
GTA SAMPLE NO: 4
DATE SAMPLED: 8/26/2025
TIME SAMPLED: 11:35 AM
DATE RECEIVED: 8/26/2025
TIME RECEIVED: 1:45 PM

SAMPLED BY: DJT/GCES

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	8/27/2025	9/1/2025	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: TRUE NORTH
PROJECT NO: 250196.01
LOCATION: TN - HOUGHTON LAKE
HOUGHTON LAKE
MI
SAMPLE MATRIX: WATER
SAMPLE ID: UST NW

GTA PROJECT NO: 082625-4
GTA SAMPLE NO: 5
DATE SAMPLED: 8/26/2025
TIME SAMPLED: 12:00 PM
DATE RECEIVED: 8/26/2025
TIME RECEIVED: 1:45 PM
SAMPLED BY: DJT/GCES

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		8/29/2025	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: TRUE NORTH
PROJECT NO: 250196.01
LOCATION: TN - HOUGHTON LAKE
HOUGHTON LAKE
MI
SAMPLE MATRIX: WATER
SAMPLE ID: UST SE

GTA PROJECT NO: 082625-4
GTA SAMPLE NO: 6
DATE SAMPLED: 8/26/2025
TIME SAMPLED: 12:10 PM
DATE RECEIVED: 8/26/2025
TIME RECEIVED: 1:45 PM
SAMPLED BY: DJT/GCES

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		8/29/2025	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: TRUE NORTH

GTA PROJECT NO: 082625-4
SAMPLED BY: DJT/GCESNAME:
PROJECT NO: 250196.01

DATE SAMPLED: 8/26/2025

LOCATION: TN - HOUGHTON LAKE
HOUGHTON LAKE
MISAMPLE MATRIX: SOIL
DATE RECEIVED: 8/26/2025
TIME RECEIVED: 1:45 PM**MOISTURE**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>
SAMPLE ID: PR-1 (1.5')	% MOISTURE EPA 3550C	8.0	0.10	% OF SAMPLE	AA	8/26/2025
SAMPLE ID: PR-2 (1.5')	% MOISTURE EPA 3550C	5.0	0.10	% OF SAMPLE	AA	8/26/2025
SAMPLE ID: PR-3 (1.5')	% MOISTURE EPA 3550C	4.2	0.10	% OF SAMPLE	AA	8/26/2025
SAMPLE ID: PR-4 (1.5')	% MOISTURE EPA 3550C	4.3	0.10	% OF SAMPLE	AA	8/26/2025

CHAIN OF CUSTODY

PROJECT NUMBER 250196.01	SITE NAME/ADDRESS TN-Houghton Lake	COMPANY/NAME True North
SAMPLED BY DJT	COMPANY GCE5	GTA PROJECT # 082625-4

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
	PR-1 (1.5')	8/26/25	11 20	Soil	BTEX
	PR-2 (1.5')		11 25		
	PR-3 (1.5')		11 30		
	PR-4 (1.5')		11 35		
	WST NW		12 00	GW	
	WST SE		12 10	GW	
					[Hold all samples for full Part 201 parameter list if necessary]

BILL TO:

GCE5

TempRec: ☐

On Ice? ☒ ☐

2.8°C

REPORT TO:

A. Segerlind

RELEASED BY

DATE/TIME

[Signature] 8/26/25 1:45

RECEIVED BY

DATE/TIME

[Signature] 8/26/25 1:45

REQUESTED TAT ☒ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS