

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: LAYLINE
Name:
ClientProj: 250349.01
GTA ProjNo: 101025-3

Site Addr: BLACKLEDGE 1-20

Sampled By: E. VINCKE/GCES
Date Rec: 10/10/2025
Time Rec: 8:55 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	SW-5	10/9/2025	2:18 PM	SOIL
2	SW-6	10/9/2025	2:24 PM	SOIL
3	SW-7	10/9/2025	2:31 PM	SOIL
4	FLR-5	10/9/2025	2:49 PM	SOIL
5	FLR-6	10/9/2025	3:01 PM	SOIL
6	FLR-7	10/9/2025	3:07 PM	SOIL
7	FLR-8	10/9/2025	3:12 PM	SOIL

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
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COMPANY: LAYLINE
PROJECT NO: 250349.01
LOCATION: BLACKLEDGE 1-20

MI
SAMPLE MATRIX: SOIL
SAMPLE ID: SW-5

GTA PROJECT NO: 101025-3
GTA SAMPLE NO: 1

DATE SAMPLED: 10/9/2025
TIME SAMPLED: 2:18 PM
DATE RECEIVED: 10/10/2025
TIME RECEIVED: 8:55 AM

SAMPLED BY: E. VINCKE/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>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	10/9/2025	10/14/2025	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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

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COMPANY: LAYLINE
PROJECT NO: 250349.01
LOCATION: BLACKLEDGE 1-20

MI
SAMPLE MATRIX: SOIL
SAMPLE ID: SW-6

GTA PROJECT NO: 101025-3
GTA SAMPLE NO: 2

DATE SAMPLED: 10/9/2025
TIME SAMPLED: 2:24 PM
DATE RECEIVED: 10/10/2025
TIME RECEIVED: 8:55 AM

SAMPLED BY: E. VINCKE/GCES

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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>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	10/9/2025	10/14/2025	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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LOD = LIMIT OF DETECTION

COMPANY: LAYLINE
PROJECT NO: 250349.01
LOCATION: BLACKLEDGE 1-20

MI
SAMPLE MATRIX: SOIL
SAMPLE ID: SW-7

GTA PROJECT NO: 101025-3
GTA SAMPLE NO: 3

DATE SAMPLED: 10/9/2025
TIME SAMPLED: 2:31 PM
DATE RECEIVED: 10/10/2025
TIME RECEIVED: 8:55 AM

SAMPLED BY: E. VINCKE/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>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	10/9/2025	10/14/2025	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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COMPANY: LAYLINE
PROJECT NO: 250349.01
LOCATION: BLACKLEDGE 1-20

MI
SAMPLE MATRIX: SOIL
SAMPLE ID: FLR-5

GTA PROJECT NO: 101025-3
GTA SAMPLE NO: 4

DATE SAMPLED: 10/9/2025
TIME SAMPLED: 2:49 PM
DATE RECEIVED: 10/10/2025
TIME RECEIVED: 8:55 AM

SAMPLED BY: E. VINCKE/GCES

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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>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	10/9/2025	10/14/2025	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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LOD = LIMIT OF DETECTION

COMPANY: LAYLINE
PROJECT NO: 250349.01
LOCATION: BLACKLEDGE 1-20

MI
SAMPLE MATRIX: SOIL
SAMPLE ID: FLR-6

GTA PROJECT NO: 101025-3
GTA SAMPLE NO: 5

DATE SAMPLED: 10/9/2025
TIME SAMPLED: 3:01 PM
DATE RECEIVED: 10/10/2025
TIME RECEIVED: 8:55 AM

SAMPLED BY: E. VINCKE/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>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	10/9/2025	10/14/2025	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	910	250					

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COMPANY: LAYLINE
PROJECT NO: 250349.01
LOCATION: BLACKLEDGE 1-20

MI
SAMPLE MATRIX: SOIL
SAMPLE ID: FLR-7

GTA PROJECT NO: 101025-3
GTA SAMPLE NO: 6

DATE SAMPLED: 10/9/2025
TIME SAMPLED: 3:07 PM
DATE RECEIVED: 10/10/2025
TIME RECEIVED: 8:55 AM

SAMPLED BY: E. VINCKE/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>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	10/9/2025	10/14/2025	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
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COMPANY: LAYLINE
PROJECT NO: 250349.01
LOCATION: BLACKLEDGE 1-20

MI
SAMPLE MATRIX: SOIL
SAMPLE ID: FLR-8

GTA PROJECT NO: 101025-3
GTA SAMPLE NO: 7

DATE SAMPLED: 10/9/2025
TIME SAMPLED: 3:12 PM
DATE RECEIVED: 10/10/2025
TIME RECEIVED: 8:55 AM

SAMPLED BY: E. VINCKE/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>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	10/9/2025	10/14/2025	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
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LOD = LIMIT OF DETECTION



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COMPANY: LAYLINE
PROJECT NO: 250349.01
LOCATION: BLACKLEDGE 1-20

GTA PROJECT NO: 101025-3
GTA SAMPLE NO: 1

DATE SAMPLED: 10/9/2025
TIME SAMPLED: 2:18 PM
DATE RECEIVED: 10/10/2025
TIME RECEIVED: 8:55 AM

MI
SAMPLED BY: E. VINCKE/GCES

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
SAMPLE ID: SW-5							
CHLORIDE EPA 300.0		ND	120	mg/Kg (PPM)	KC/AA	10/21/2025	SOIL

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: LAYLINE
PROJECT NO: 250349.01
LOCATION: BLACKLEDGE 1-20

GTA PROJECT NO: 101025-3
GTA SAMPLE NO: 2

DATE SAMPLED: 10/9/2025
TIME SAMPLED: 2:24 PM
DATE RECEIVED: 10/10/2025
TIME RECEIVED: 8:55 AM

MI
SAMPLED BY: E. VINCKE/GCES

SAMPLE ANALYSIS

<u>No:</u> <u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
SAMPLE ID: SW-6 CHLORIDE EPA 300.0	ND	110	mg/Kg (PPM)	KC/AA	10/21/2025	SOIL

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

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COMPANY: LAYLINE
PROJECT NO: 250349.01
LOCATION: BLACKLEDGE 1-20

GTA PROJECT NO: 101025-3
GTA SAMPLE NO: 3

DATE SAMPLED: 10/9/2025
TIME SAMPLED: 2:31 PM
DATE RECEIVED: 10/10/2025
TIME RECEIVED: 8:55 AM

MI
SAMPLED BY: E. VINCKE/GCES

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
SAMPLE ID: SW-7							
CHLORIDE EPA 300.0		ND	120	mg/Kg (PPM)	KC/AA	10/21/2025	SOIL

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

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COMPANY: LAYLINE
PROJECT NO: 250349.01
LOCATION: BLACKLEDGE 1-20

GTA PROJECT NO: 101025-3
GTA SAMPLE NO: 4

DATE SAMPLED: 10/9/2025
TIME SAMPLED: 2:49 PM
DATE RECEIVED: 10/10/2025
TIME RECEIVED: 8:55 AM

MI
SAMPLED BY: E. VINCKE/GCES

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
SAMPLE ID: FLR-5							
CHLORIDE EPA 300.0		ND	120	mg/Kg (PPM)	KC/AA	10/21/2025	SOIL

ND = NOT DETECTED, RESULT < LOD
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s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: LAYLINE
PROJECT NO: 250349.01
LOCATION: BLACKLEDGE 1-20

GTA PROJECT NO: 101025-3
GTA SAMPLE NO: 5

DATE SAMPLED: 10/9/2025
TIME SAMPLED: 3:01 PM
DATE RECEIVED: 10/10/2025
TIME RECEIVED: 8:55 AM

MI
SAMPLED BY: E. VINCKE/GCES

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: FLR-6						
	CHLORIDE EPA 300.0	1,000	120	mg/Kg (PPM)	KC/AA	10/21/2025	SOIL

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

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COMPANY: LAYLINE
PROJECT NO: 250349.01
LOCATION: BLACKLEDGE 1-20

GTA PROJECT NO: 101025-3
GTA SAMPLE NO: 6

DATE SAMPLED: 10/9/2025
TIME SAMPLED: 3:07 PM
DATE RECEIVED: 10/10/2025
TIME RECEIVED: 8:55 AM

MI
SAMPLED BY: E. VINCKE/GCES

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
SAMPLE ID: FLR-7							
CHLORIDE EPA 300.0		570	100	mg/Kg (PPM)	KC/AA	10/21/2025	SOIL

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

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COMPANY: LAYLINE
PROJECT NO: 250349.01
LOCATION: BLACKLEDGE 1-20

GTA PROJECT NO: 101025-3
GTA SAMPLE NO: 7

DATE SAMPLED: 10/9/2025
TIME SAMPLED: 3:12 PM
DATE RECEIVED: 10/10/2025
TIME RECEIVED: 8:55 AM

MI
SAMPLED BY: E. VINCKE/GCES

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: FLR-8						
	CHLORIDE EPA 300.0	970	110	mg/Kg (PPM)	KC/AA	10/21/2025	SOIL

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LOD = LIMIT OF DETECTION
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COMPANY: LAYLINE

NAME:
PROJECT NO: 250349.01

LOCATION: BLACKLEDGE 1-20

MI

GTA PROJECT NO: 101025-3
SAMPLED BY: E. VINCKE/GCES

DATE SAMPLED: 10/9/2025

SAMPLE MATRIX: SOIL

DATE RECEIVED: 10/10/2025
TIME RECEIVED: 8:55 AM**MOISTURE**

No:	Analysis	Concentration	LOD	Units	Analyst	Date Completed
SAMPLE ID: SW-5	% MOISTURE EPA 3550C	12	0.10	% OF SAMPLE	AA	10/10/2025
SAMPLE ID: SW-6	% MOISTURE EPA 3550C	11	0.10	% OF SAMPLE	AA	10/10/2025
SAMPLE ID: SW-7	% MOISTURE EPA 3550C	13	0.10	% OF SAMPLE	AA	10/10/2025
SAMPLE ID: FLR-5	% MOISTURE EPA 3550C	9.2	0.10	% OF SAMPLE	AA	10/10/2025
SAMPLE ID: FLR-6	% MOISTURE EPA 3550C	10	0.10	% OF SAMPLE	AA	10/10/2025
SAMPLE ID: FLR-7	% MOISTURE EPA 3550C	5.4	0.10	% OF SAMPLE	AA	10/10/2025
SAMPLE ID: FLR-8	% MOISTURE EPA 3550C	4.5	0.10	% OF SAMPLE	AA	10/10/2025

CHAIN OF CUSTODY

PROJECT NUMBER 250349.01	SITE NAME/ADDRESS Blackledge 1-20	COMPANY/NAME Layline
SAMPLED BY E. Vincke	COMPANY GCES	GTA PROJECT # 101025-3

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	SW-5	10/9/25	14:18	Soil	BTEX+4, CI-
2	SW-6	↓	14:24	↓	↓ ↓ ↓
3	SW-7		14:31	↓	↓ ↓ ↓
4	FLR-5		14:49	↓	↓ ↓ ↓
5	FLR-6		15:01	↓	↓ ↓ ↓
6	FLR-7		15:07	↓	↓ ↓ ↓
7	FLR-8		15:12	↓	↓ ↓ ↓

BILL TO: GCES	TempRec: ☐ On Ice? ☒ 1.9°C	REPORT TO: E. Vincke
RELEASED BY E. Vincke	DATE/TIME 10-10-25/8:55	RECEIVED BY Trevor Paul
		DATE/TIME 10-10-25 8:55a
REQUESTED TAT ☒ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS		