



**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

[www.gtanalytical.com](http://www.gtanalytical.com)

Company: LAMBDA ENERGY RESOURCES, LLC  
Name:  
ClientProj:

Site Addr: FOREST 1-14

GTA ProjNo: 070225-13

Sampled By: N. SUMMERLAND/LER  
Date Rec: 7/2/2025  
Time Rec: 4:40 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	SW-1B	7/2/2025	1:44 PM	SOIL
2	SW-2B	7/2/2025	1:50 PM	SOIL
3	FL-1B	7/2/2025	2:08 PM	SOIL
4	HA-1	7/2/2025	2:15 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  
Ph: 231-929-0905  
Fx: 231-929-0894  
SP: 231-590-0291  
[kirk@gtanalytical.com](mailto:kirk@gtanalytical.com)

COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO:

LOCATION: FOREST 1-14

MI

SAMPLE MATRIX: SOIL  
 SAMPLE ID: SW-1B

GTA PROJECT NO: 070225-13

GTA SAMPLE NO: 1

DATE SAMPLED: 7/2/2025

TIME SAMPLED: 1:44 PM

DATE RECEIVED: 7/2/2025

TIME RECEIVED: 4:40 PM

SAMPLED BY: N. SUMMERLAND/LER

\*\*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	110	50	ug/Kg (PPB)	MR	7/2/2025	7/3/2025	EPA 5035A
Toluene	240	50					
Ethylbenzene	68	50					
Xylene(Total)	310	150					
1,2,4-Trimethylbenzene	110	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: LAMBDA ENERGY RESOURCES, LLC  
 PROJECT NO:  
 LOCATION: FOREST 1-14  
 MI  
 SAMPLE MATRIX: SOIL  
 SAMPLE ID: SW-2B

GTA PROJECT NO: 070225-13  
 GTA SAMPLE NO: 2  
 DATE SAMPLED: 7/2/2025  
 TIME SAMPLED: 1:50 PM  
 DATE RECEIVED: 7/2/2025  
 TIME RECEIVED: 4:40 PM

SAMPLED BY: N. SUMMERLAND/LER  
 \*\*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	7/2/2025	7/3/2025	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: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 070225-13

PROJECT NO:

GTA SAMPLE NO: 3

LOCATION: FOREST 1-14

DATE SAMPLED: 7/2/2025

TIME SAMPLED: 2:08 PM

MI

DATE RECEIVED: 7/2/2025

TIME RECEIVED: 4:40 PM

SAMPLE MATRIX: SOIL

SAMPLE ID: FL-1B

SAMPLED BY: N. SUMMERLAND/LER

\*\*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	7/2/2025	7/3/2025	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	140	50					
1,3,5-Trimethylbenzene	56	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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

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COMPANY: LAMBDA ENERGY RESOURCES, LLC  
 PROJECT NO:  
 LOCATION: FOREST 1-14  
 MI  
 SAMPLE MATRIX: SOIL  
 SAMPLE ID: HA-1

GTA PROJECT NO: 070225-13  
 GTA SAMPLE NO: 4  
 DATE SAMPLED: 7/2/2025  
 TIME SAMPLED: 2:15 PM  
 DATE RECEIVED: 7/2/2025  
 TIME RECEIVED: 4:40 PM

SAMPLED BY: N. SUMMERLAND/LER  
 \*\*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	7/2/2025	7/3/2025	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: LAMBDA ENERGY RESOURCES, LLC  
PROJECT NO:  
LOCATION: FOREST 1-14  
MI  
SAMPLED BY: N. SUMMERLAND/LER

GTA PROJECT NO: 070225-13  
GTA SAMPLE NO: 1  
DATE SAMPLED: 7/2/2025  
TIME SAMPLED: 1:44 PM  
DATE RECEIVED: 7/2/2025  
TIME RECEIVED: 4:40 PM

**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-1B CHLORIDE EPA 300.0	12,000	560	mg/Kg (PPM)	KC/AA	7/3/2025	SOIL

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



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PROJECT NO:  
LOCATION: FOREST 1-14  
  
MI  
SAMPLED BY: N. SUMMERLAND/LER

GTA PROJECT NO: 070225-13  
GTA SAMPLE NO: 2  
DATE SAMPLED: 7/2/2025  
TIME SAMPLED: 1:50 PM  
DATE RECEIVED: 7/2/2025  
TIME RECEIVED: 4:40 PM

**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-2B	CHLORIDE EPA 300.0	8,500	550	mg/Kg (PPM)	KC/AA	7/3/2025	SOIL

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s.u. = STANDARD pH UNITS REPORTED AT 25 C







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GTA PROJECT NO: 070225-13

SAMPLED BY: N. SUMMERLAND/LER

NAME:

PROJECT NO:

DATE SAMPLED: 7/2/2025

LOCATION: FOREST 1-14

SAMPLE MATRIX: SOIL

DATE RECEIVED: 7/2/2025

TIME RECEIVED: 4:40 PM

MI

**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: SW-1B	% MOISTURE EPA 3550C	7.0	0.10	% OF SAMPLE	AA	7/2/2025
SAMPLE ID: SW-2B	% MOISTURE EPA 3550C	6.5	0.10	% OF SAMPLE	AA	7/2/2025
SAMPLE ID: FL-1B	% MOISTURE EPA 3550C	6.9	0.10	% OF SAMPLE	AA	7/2/2025
SAMPLE ID: HA-1	% MOISTURE EPA 3550C	5.1	0.10	% OF SAMPLE	AA	7/2/2025

