

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: MILLER ENERGY COMPANY II, LLC
Name:
ClientProj:

Site Addr: TOPE & JAMES 1-22

GTA ProjNo: 060721-4

Sampled By: CHRIS FOGLE/MECII
Date Rec: 6/7/2021
Time Rec: 1:36 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	5A - W CENTER 6"	6/3/2021	10:45 AM	SOIL
2	5B - W CENTER 12" - HOLD	6/3/2021	11:00 AM	SOIL
3	6A - S CENTER 6"	6/3/2021	11:10 AM	SOIL
4	6B - S CENTER 12" - HOLD	6/3/2021	10:50 AM	SOIL
5	7A - E CENTER 6"	6/3/2021	11:05 AM	SOIL
6	7B - E CENTER 12" - HOLD	6/3/2021	11:15 AM	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
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COMPANY: MILLER ENERGY COMPANY II, LLC
PROJECT NO:
LOCATION: TOPE & JAMES 1-22
MI
SAMPLE MATRIX: SOIL
SAMPLE ID: 5A - W CENTER 6"

GTA PROJECT NO: 060721-4
GTA SAMPLE NO: 1
DATE SAMPLED: 6/3/2021
TIME SAMPLED: 10:45 AM
DATE RECEIVED: 6/7/2021
TIME RECEIVED: 1:36 PM
SAMPLED BY: CHRIS FOGLE/MECII

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	6/3/2021	6/8/2021	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: MILLER ENERGY COMPANY II, LLC
PROJECT NO:
LOCATION: TOPE & JAMES 1-22
MI
SAMPLE MATRIX: SOIL
SAMPLE ID: 6A - S CENTER 6"

GTA PROJECT NO: 060721-4
GTA SAMPLE NO: 3
DATE SAMPLED: 6/3/2021
TIME SAMPLED: 11:10 AM
DATE RECEIVED: 6/7/2021
TIME RECEIVED: 1:36 PM
SAMPLED BY: CHRIS FOGLE/MECII

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	6/3/2021	6/8/2021	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: MILLER ENERGY COMPANY II, LLC

GTA PROJECT NO: 060721-4

PROJECT NO:

GTA SAMPLE NO: 5

LOCATION: TOPE & JAMES 1-22

DATE SAMPLED: 6/3/2021

TIME SAMPLED: 11:05 AM

MI

DATE RECEIVED: 6/7/2021

TIME RECEIVED: 1:36 PM

SAMPLE MATRIX: SOIL

SAMPLE ID: 7A - E CENTER 6"

SAMPLED BY: CHRIS FOGLE/MECII

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		6/3/2021	6/8/2021	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: MILLER ENERGY COMPANY II, LLC

GTA PROJECT NO: 060721-4

PROJECT NO:

GTA SAMPLE NO: 1

LOCATION: TOPE & JAMES 1-22

DATE SAMPLED: 6/3/2021

TIME SAMPLED: 10:45 AM

DATE RECEIVED: 6/7/2021

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MI

SAMPLED BY: CHRIS FOGLE/MECII

SAMPLE ANALYSIS**No: Analysis**

SAMPLE ID: 5A - W CENTER 6"

CHLORIDE EPA 300.0

Concentration

3,100

LOD

120

Units

mg/Kg (PPM) TR/AS

Analyst

6/7/2021

Date Completed**Sample**

SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

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COMPANY: MILLER ENERGY COMPANY II, LLC

GTA PROJECT NO: 060721-4

PROJECT NO:

GTA SAMPLE NO: 3

LOCATION: TOPE & JAMES 1-22

DATE SAMPLED: 6/3/2021

TIME SAMPLED: 11:10 AM

DATE RECEIVED: 6/7/2021

TIME RECEIVED: 1:36 PM

MI

SAMPLED BY: CHRIS FOGLE/MECII

SAMPLE ANALYSIS**No: Analysis**

SAMPLE ID: 6A - S CENTER 6"

CHLORIDE EPA 300.0

Concentration

ND

LOD

110

Units

mg/Kg (PPM) TR/AS

Analyst**Date Completed**

6/7/2021

Sample

SOIL

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LOD = LIMIT OF DETECTION

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

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GTA SAMPLE NO: 5

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MI

SAMPLED BY: CHRIS FOGLE/MECII

SAMPLE ANALYSIS**No: Analysis**

SAMPLE ID: 7A - E CENTER 6"

CHLORIDE EPA 300.0

Concentration

ND

LOD

110

Units

mg/Kg (PPM) TR/AS

Analyst**Date Completed**

6/7/2021

Sample

SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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NAME:

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PROJECT NO:

DATE SAMPLED: 6/3/2021

TIME SAMPLED: 10:45 AM

LOCATION: TOPE & JAMES 1-22

SAMPLE MATRIX: SOIL

DATE RECEIVED: 6/7/2021

TIME RECEIVED: 1:36 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: 5A - W CENTER 6"					
	% MOISTURE EPA 3550C	19	0.050	% OF SAMPLE	AS	6/7/2021
	SAMPLE ID: 5B - W CENTER 12" - HOLD					
	% MOISTURE EPA 3550C	17	0.050	% OF SAMPLE	AS	6/7/2021
	SAMPLE ID: 6A - S CENTER 6"					
	% MOISTURE EPA 3550C	13	0.050	% OF SAMPLE	AS	6/7/2021
	SAMPLE ID: 6B - S CENTER 12" - HOLD					
	% MOISTURE EPA 3550C	16	0.050	% OF SAMPLE	AS	6/7/2021
	SAMPLE ID: 7A - E CENTER 6"					
	% MOISTURE EPA 3550C	17	0.050	% OF SAMPLE	AS	6/7/2021
	SAMPLE ID: 7B - E CENTER 12" - HOLD					
	% MOISTURE EPA 3550C	14	0.050	% OF SAMPLE	AS	6/7/2021

