

**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: H. E. TOPE A-2 SWD

GTA ProjNo: 080922-10

Sampled By: TIM HALLADAY/MECH
Date Rec: 8/9/2022
Time Rec: 2:45 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	F1	8/9/2022	11:31 AM	SOIL
2	F2	8/9/2022	11:34 AM	SOIL
3	F3	8/9/2022	11:36 AM	SOIL
4	F4	8/9/2022	11:40 AM	SOIL
5	SW ₁	8/9/2022	11:41 AM	SOIL
6	SW ₂	8/9/2022	11:43 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
830 Robinwood Court
Traverse City, MI 49686
Ph: 231-929-0905
Fx: 231-929-0894
SP: 231-590-0291
kirk@gtanalytical.com

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COMPANY: MILLER ENERGY COMPANY II, LLC

GTA PROJECT NO: 080922-10

PROJECT NO:

GTA SAMPLE NO: 1

LOCATION: H. E. TOPE A-2 SWD

DATE SAMPLED: 8/9/2022

TIME SAMPLED: 11:31 AM

DATE RECEIVED: 8/9/2022

TIME RECEIVED: 2:45 PM

MI

SAMPLED BY: TIM HALLADAY/MECH

SAMPLE ANALYSIS**No: Analysis**

SAMPLE ID: F1

CHLORIDE EPA 300.0

Concentration

280

LOD

110

Units

mg/Kg (PPM)

Analyst

KC/TR

Date Completed

8/11/2022

Sample Matrix

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: 080922-10

PROJECT NO:

GTA SAMPLE NO: 2

LOCATION: H. E. TOPE A-2 SWD

DATE SAMPLED: 8/9/2022

TIME SAMPLED: 11:34 AM

DATE RECEIVED: 8/9/2022

TIME RECEIVED: 2:45 PM

MI

SAMPLED BY: TIM HALLADAY/MECH

SAMPLE ANALYSIS**No: Analysis**

SAMPLE ID: F2

CHLORIDE EPA 300.0

Concentration

2,600

LOD

110

Units

mg/Kg (PPM)

Analyst

KC/TR

Date Completed

8/11/2022

Sample Matrix

SOIL

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LOD = LIMIT OF DETECTION

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COMPANY: MILLER ENERGY COMPANY II, LLC

GTA PROJECT NO: 080922-10

PROJECT NO:

GTA SAMPLE NO: 3

LOCATION: H. E. TOPE A-2 SWD

DATE SAMPLED: 8/9/2022

TIME SAMPLED: 11:36 AM

DATE RECEIVED: 8/9/2022

TIME RECEIVED: 2:45 PM

MI

SAMPLED BY: TIM HALLADAY/MECH

SAMPLE ANALYSIS**No: Analysis**

SAMPLE ID: F3

CHLORIDE EPA 300.0

Concentration

160

LOD

110

Units

mg/Kg (PPM)

Analyst

KC/TR

Date Completed

8/11/2022

Sample Matrix

SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

COMPANY: MILLER ENERGY COMPANY II, LLC

GTA PROJECT NO: 080922-10

PROJECT NO:

GTA SAMPLE NO: 4

LOCATION: H. E. TOPE A-2 SWD

DATE SAMPLED: 8/9/2022

TIME SAMPLED: 11:40 AM

DATE RECEIVED: 8/9/2022

TIME RECEIVED: 2:45 PM

MI

SAMPLED BY: TIM HALLADAY/MECH

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: F4							
CHLORIDE EPA 300.0		1,500	100	mg/Kg (PPM)	KC/TR	8/11/2022	SOIL

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LOD = LIMIT OF DETECTION

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

COMPANY: MILLER ENERGY COMPANY II, LLC

GTA PROJECT NO: 080922-10

PROJECT NO:

GTA SAMPLE NO: 5

LOCATION: H. E. TOPE A-2 SWD

DATE SAMPLED: 8/9/2022

TIME SAMPLED: 11:41 AM

DATE RECEIVED: 8/9/2022

TIME RECEIVED: 2:45 PM

MI

SAMPLED BY: TIM HALLADAY/MECH

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: SW1

CHLORIDE EPA 300.0

Concentration

180

LOD

110

Units

mg/Kg (PPM)

Analyst

KC/TR

Date Completed

8/11/2022

Sample Matrix

SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

COMPANY: MILLER ENERGY COMPANY II, LLC

GTA PROJECT NO: 080922-10

PROJECT NO:

GTA SAMPLE NO: 6

LOCATION: H. E. TOPE A-2 SWD

DATE SAMPLED: 8/9/2022

TIME SAMPLED: 11:43 AM

DATE RECEIVED: 8/9/2022

TIME RECEIVED: 2:45 PM

MI

SAMPLED BY: TIM HALLADAY/MECH

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: SW2						
	CHLORIDE EPA 300.0	1,900	110	mg/Kg (PPM)	KC/TR	8/11/2022	SOIL

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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: 080922-

NAME:

SAMPLED BY: TIM HALLADAY/MECII

PROJECT NO:

DATE SAMPLED: 8/9/2022

LOCATION: H. E. TOPE A-2 SWD

SAMPLE MATRIX: SOIL

DATE RECEIVED: 8/9/2022

TIME RECEIVED: 2:45 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: F1	% MOISTURE EPA 3550C	13	0.050	% OF SAMPLE	TR	8/11/2022
SAMPLE ID: F2	% MOISTURE EPA 3550C	13	0.050	% OF SAMPLE	TR	8/11/2022
SAMPLE ID: F3	% MOISTURE EPA 3550C	9.8	0.050	% OF SAMPLE	TR	8/11/2022
SAMPLE ID: F4	% MOISTURE EPA 3550C	4.3	0.050	% OF SAMPLE	TR	8/11/2022
SAMPLE ID: SW1	% MOISTURE EPA 3550C	11	0.050	% OF SAMPLE	TR	8/11/2022
SAMPLE ID: SW2	% MOISTURE EPA 3550C	5.2	0.050	% OF SAMPLE	TR	8/11/2022

CHAIN OF CUSTODY

PROJECT NUMBER H.E. Tope A-2 SWD	SITE NAME/ADDRESS	COMPANY/NAME Miller Energy Company II, LLC
SAMPLED BY Tim Halladay	COMPANY Miller Energy Company	GTA PROJECT # 080922-10

SAMPLE INFORMATION

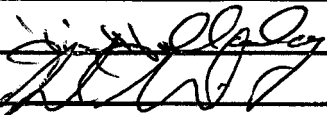
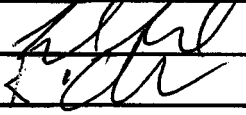
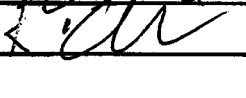
#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	F1	8/9/22	11:31	Soil	Chloride
2	F2	8/9/22	11:34	Soil	Chloride
3	F3	8/9/22	11:36	Soil	Chloride
4	F4	8/9/22	11:40	Soil	Chloride
5	SW1	8/9/22	11:41	Soil	Chloride
6	SW2	8/9/22	11:43	Soil	Chloride

BILL TO:

Miller Energy Company II, LLC

REPORT TO:

Laura Dyke

RELEASED BY	DATE/TIME	RECEIVED BY	DATE/TIME
	8-9-22 12:43 pm		8-9-22 12:43 pm
	8-9-22 2:45 pm		8/9/22 2:45 p

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