

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: SOUTHERN ENERGY OPERATING
Name:
ClientProj:

Site Addr: MILLER 1-20

GTA ProjNo: 012524-3

Sampled By: JSL/ECT

Date Rec: 1/25/2024

Time Rec: 12:50 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	F-1	1/25/2024	9:20 AM	SOIL
2	SW-N	1/25/2024	9:40 AM	SOIL
3	SW-E	1/25/2024	9:42 AM	SOIL
4	SW-S ₁	1/25/2024	9:50 AM	SOIL
5	SW-W ₂	1/25/2024	9:58 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
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COMPANY: SOUTHERN ENERGY OPERATING

GTA PROJECT NO: 012524-3

PROJECT NO:

GTA SAMPLE NO: 1

LOCATION: MILLER 1-20

DATE SAMPLED: 1/25/2024

TIME SAMPLED: 9:20 AM

MI

DATE RECEIVED: 1/25/2024

TIME RECEIVED: 12:50 PM

SAMPLE MATRIX: SOIL

SAMPLE ID: F-1

SAMPLED BY: JSL/ECT

**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		1/25/2024	1/29/2024	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: SOUTHERN ENERGY OPERATING

GTA PROJECT NO: 012524-3

PROJECT NO:

GTA SAMPLE NO: 2

LOCATION: MILLER 1-20

DATE SAMPLED: 1/25/2024

TIME SAMPLED: 9:40 AM

MI

DATE RECEIVED: 1/25/2024

TIME RECEIVED: 12:50 PM

SAMPLE MATRIX: SOIL

SAMPLE ID: SW-N

SAMPLED BY: JSL/ECT

**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	1/25/2024	1/29/2024	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	98	50					
1,3,5-Trimethylbenzene	110	50					
Naphthalene	ND	250					
2-Methylnaphthalene	370	250					

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

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LOD = LIMIT OF DETECTION

COMPANY: SOUTHERN ENERGY OPERATING

GTA PROJECT NO: 012524-3

GTA SAMPLE NO: 3

PROJECT NO:

LOCATION: MILLER 1-20

DATE SAMPLED: 1/25/2024

TIME SAMPLED: 9:42 AM

DATE RECEIVED: 1/25/2024

TIME RECEIVED: 12:50 PM

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: SW-E

SAMPLED BY: JSL/ECT

**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	1/25/2024	1/29/2024	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

COMPANY: SOUTHERN ENERGY OPERATING

GTA PROJECT NO: 012524-3

GTA SAMPLE NO: 4

PROJECT NO:

LOCATION: MILLER 1-20

DATE SAMPLED: 1/25/2024

TIME SAMPLED: 9:50 AM

DATE RECEIVED: 1/25/2024

TIME RECEIVED: 12:50 PM

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: SW-S1

SAMPLED BY: JSL/ECT

**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	1/25/2024	1/29/2024	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

COMPANY: SOUTHERN ENERGY OPERATING

GTA PROJECT NO: 012524-3

GTA SAMPLE NO: 5

PROJECT NO:

LOCATION: MILLER 1-20

DATE SAMPLED: 1/25/2024

TIME SAMPLED: 9:58 AM

DATE RECEIVED: 1/25/2024

TIME RECEIVED: 12:50 PM

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: SW-W2

SAMPLED BY: JSL/ECT

**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	1/25/2024	1/29/2024	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

COMPANY: SOUTHERN ENERGY OPERATING

GTA PROJECT NO: 012524-3

GTA SAMPLE NO: 1

PROJECT NO:

LOCATION: MILLER 1-20

DATE SAMPLED: 1/25/2024

TIME SAMPLED: 9:20 AM

DATE RECEIVED: 1/25/2024

TIME RECEIVED: 12:50 PM

MI

SAMPLED BY: JSL/ECT

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: F-1

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date Completed

Sample Matrix

ND

120

mg/Kg (PPM) KC/AS

1/27/2024

SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

COMPANY: SOUTHERN ENERGY OPERATING

GTA PROJECT NO: 012524-3

PROJECT NO:

GTA SAMPLE NO: 2

LOCATION: MILLER 1-20

DATE SAMPLED: 1/25/2024

TIME SAMPLED: 9:40 AM

DATE RECEIVED: 1/25/2024

TIME RECEIVED: 12:50 PM

SAMPLED BY: MI
JSL/ECT

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-N						
	CHLORIDE EPA 300.0	270	110	mg/Kg (PPM)	KC/AS	1/27/2024	SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

COMPANY: SOUTHERN ENERGY OPERATING

GTA PROJECT NO: 012524-3

GTA SAMPLE NO: 3

PROJECT NO:

LOCATION: MILLER 1-20

DATE SAMPLED: 1/25/2024

TIME SAMPLED: 9:42 AM

DATE RECEIVED: 1/25/2024

TIME RECEIVED: 12:50 PM

MI

SAMPLED BY: JSL/ECT

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: SW-E

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date Completed

Sample Matrix

ND

110

mg/Kg (PPM) KC/AS

1/27/2024

SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

COMPANY: SOUTHERN ENERGY OPERATING

GTA PROJECT NO: 012524-3

GTA SAMPLE NO: 4

PROJECT NO:

LOCATION: MILLER 1-20

DATE SAMPLED: 1/25/2024

TIME SAMPLED: 9:50 AM

DATE RECEIVED: 1/25/2024

TIME RECEIVED: 12:50 PM

MI

SAMPLED BY: JSL/ECT

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: SW-S1

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date Completed

Sample Matrix

ND

100

mg/Kg (PPM) KC/AS

1/27/2024

SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

COMPANY: SOUTHERN ENERGY OPERATING

GTA PROJECT NO: 012524-3

PROJECT NO:

GTA SAMPLE NO: 5

LOCATION: MILLER 1-20

DATE SAMPLED: 1/25/2024

TIME SAMPLED: 9:58 AM

DATE RECEIVED: 1/25/2024

TIME RECEIVED: 12:50 PM

SAMPLED BY: MI
JSL/ECT

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: SW-W2

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date Completed

Sample Matrix

ND

110

mg/Kg (PPM) KC/AS

1/27/2024

SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

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COMPANY: SOUTHERN ENERGY OPERATING

GTA PROJECT NO: 012524-3

NAME:

SAMPLED BY: JSL/ECT

PROJECT NO:

DATE SAMPLED: 1/25/2024

LOCATION: MILLER 1-20

SAMPLE SOIL

DATE RECEIVED: 1/25/2024

TIME RECEIVED: 12:50 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: F-1	% MOISTURE EPA 3550C	3.8	0.10	% OF SAMPLE	AS	1/25/2024
SAMPLE ID: SW-N	% MOISTURE EPA 3550C	3.7	0.10	% OF SAMPLE	AS	1/25/2024
SAMPLE ID: SW-E	% MOISTURE EPA 3550C	7.6	0.10	% OF SAMPLE	AS	1/25/2024
SAMPLE ID: SW-S1	% MOISTURE EPA 3550C	5.1	0.10	% OF SAMPLE	AS	1/25/2024
SAMPLE ID: SW-W2	% MOISTURE EPA 3550C	5.1	0.10	% OF SAMPLE	AS	1/25/2024

CHAIN OF CUSTODY

PROJECT NUMBER	SITE NAME/ADDRESS	COMPANY/NAME
	Miller 1-20	Southern Energy Operating
SAMPLED BY	COMPANY	GTA PROJECT #
JBL	ECT	012524-3

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
	F-1	1/25/2024	9:20	Soil	BTEX+4 & Chloride
	SW-N		9:40		
	SW-E		9:42		
	SW-S1		9:50		
	SW-W2		9:58		

BILL TO:	TempRec: ☐	On Ice? ☒ ☐	REPORT TO:
ECT	2.1°C		Lisa Harriger-Jones Sherry Lewandowski
RELEASED BY	DATE/TIME	RECEIVED BY	DATE/TIME
[Signature]	1/25/2024 12:15	[Signature]	1/25/23 12:15
REQUESTED TAT ☒ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS			