



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: SUMMIT PETROLEUM
Name:
ClientProj:

Site Addr: COLDWATER BIOCELL

GTA ProjNo: 090920-7

Sampled By: DAN NIDA/SUMMIT
Date Rec: 9/9/2020
Time Rec: 4:30 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	SB-1	9/9/2020		SOIL
2	SB-2	9/9/2020		SOIL
3	SB-3	9/9/2020		SOIL
4	BW-1	9/9/2020		WATER

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
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kirk@gtanalytical.com

COMPANY: SUMMIT PETROLEUM
PROJECT NO:
LOCATION: COLDWATER BIOCELL
MI
SAMPLE MATRIX: SOIL
SAMPLE ID: SB-1

GTA PROJECT NO: 090920-7
GTA SAMPLE NO: 1
DATE SAMPLED: 9/9/2020
TIME SAMPLED:
DATE RECEIVED: 9/9/2020
TIME RECEIVED: 4:30 PM

SAMPLED BY: DAN NIDA/SUMMIT

**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>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	9/9/2020	9/11/2020	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: SUMMIT PETROLEUM
PROJECT NO:
LOCATION: COLDWATER BIOCELL

MI
SAMPLE MATRIX: SOIL
SAMPLE ID: SB-2

GTA PROJECT NO: 090920-7
GTA SAMPLE NO: 2
DATE SAMPLED: 9/9/2020
TIME SAMPLED:
DATE RECEIVED: 9/9/2020
TIME RECEIVED: 4:30 PM

SAMPLED BY: DAN NIDA/SUMMIT

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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>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	9/9/2020	9/11/2020	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: SUMMIT PETROLEUM
PROJECT NO:
LOCATION: COLDWATER BIOCELL
MI
SAMPLE MATRIX: SOIL
SAMPLE ID: SB-3

GTA PROJECT NO: 090920-7
GTA SAMPLE NO: 3
DATE SAMPLED: 9/9/2020
TIME SAMPLED:
DATE RECEIVED: 9/9/2020
TIME RECEIVED: 4:30 PM

SAMPLED BY: DAN NIDA/SUMMIT
**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>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	9/9/2020	9/11/2020	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: SUMMIT PETROLEUM
PROJECT NO:
LOCATION: COLDWATER BIOCELL
MI
SAMPLE MATRIX: WATER
SAMPLE ID: BW-1

GTA PROJECT NO: 090920-7
GTA SAMPLE NO: 4
DATE SAMPLED: 9/9/2020
TIME SAMPLED:
DATE RECEIVED: 9/9/2020
TIME RECEIVED: 4:30 PM
SAMPLED BY: DAN NIDA/SUMMIT

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	1.0	ug/L (PPB)	MR		9/11/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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COMPANY: SUMMIT PETROLEUM
PROJECT NO:
LOCATION: COLDWATER BIOCELL
MI
SAMPLED BY: DAN NIDA/SUMMIT

GTA PROJECT NO: 090920-7
GTA SAMPLE NO: 1
DATE SAMPLED: 9/9/2020
TIME SAMPLED:
DATE RECEIVED: 9/9/2020
TIME RECEIVED: 4:30 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
SAMPLE ID: SB-1	CHLORIDE EPA 300.0	1,100	120	mg/Kg (PPM)	LV	9/10/2020	SOIL

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

COMPANY: SUMMIT PETROLEUM
 PROJECT NO:
 LOCATION: COLDWATER BIOCELL
 MI
 SAMPLED BY: DAN NIDA/SUMMIT

GTA PROJECT NO: 090920-7
 GTA SAMPLE NO: 2
 DATE SAMPLED: 9/9/2020
 TIME SAMPLED:
 DATE RECEIVED: 9/9/2020
 TIME RECEIVED: 4:30 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
SAMPLE ID: SB-2	CHLORIDE EPA 300.0	550	120	mg/Kg (PPM)	LV	9/10/2020	SOIL

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

COMPANY: SUMMIT PETROLEUM
PROJECT NO:
LOCATION: COLDWATER BIOCELL
MI
SAMPLED BY: DAN NIDA/SUMMIT

GTA PROJECT NO: 090920-7
GTA SAMPLE NO: 3
DATE SAMPLED: 9/9/2020
TIME SAMPLED:
DATE RECEIVED: 9/9/2020
TIME RECEIVED: 4:30 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
SAMPLE ID: SB-3	CHLORIDE EPA 300.0	300	120	mg/Kg (PPM)	LV	9/10/2020	SOIL

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COMPANY: SUMMIT PETROLEUM
 PROJECT NO:
 LOCATION: COLDWATER BIOCELL
 MI
 SAMPLED BY: DAN NIDA/SUMMIT

GTA PROJECT NO: 090920-7
 GTA SAMPLE NO: 4
 DATE SAMPLED: 9/9/2020
 TIME SAMPLED:
 DATE RECEIVED: 9/9/2020
 TIME RECEIVED: 4:30 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
SAMPLE ID: BW-1	CHLORIDE EPA 300.0	160	10	mg/L (PPM)	LV	9/10/2020	WATER

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NAME:
PROJECT NO:

LOCATION: COLDWATER BIOCELL

MI

GTA PROJECT NO: 090920-7
SAMPLED BY: DAN NIDA/SUMMIT

DATE SAMPLED: 9/9/2020
TIME SAMPLED:

SAMPLE MATRIX: SOIL

DATE RECEIVED: 9/9/2020
TIME RECEIVED: 4:30 PM

MOISTURE

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Complete</u>
SAMPLE ID: SB-1	% MOISTURE EPA 3550C	18	0.050	% OF SAMPLE	AS	9/9/2020
SAMPLE ID: SB-2	% MOISTURE EPA 3550C	19	0.050	% OF SAMPLE	AS	9/9/2020
SAMPLE ID: SB-3	% MOISTURE EPA 3550C	17	0.050	% OF SAMPLE	AS	9/9/2020

