

**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: CARNEY DAHLBERG #2

GTA ProjNo: 120420-4

Sampled By: J. PARKER/SS

Date Rec: 12/4/2020

Time Rec: 12:20 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1	12/2/2020	11:35 AM	WATER
2	MW-2	12/2/2020	12:47 PM	WATER
3	MW-3	12/2/2020	12:05 PM	WATER
4	MW-4	12/2/2020	11:08 AM	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
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COMPANY: SUMMIT PETROLEUM
PROJECT NO:
LOCATION: CARNEY DAHLBERG #2

MI

SAMPLE MATRIX: WATER
SAMPLE ID: MW-1

GTA PROJECT NO: 120420-4
GTA SAMPLE NO: 1

DATE SAMPLED: 12/2/2020
TIME SAMPLED: 11:35 AM
DATE RECEIVED: 12/4/2020
TIME RECEIVED: 12:20 PM

SAMPLED BY: J. PARKER/SS

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		12/6/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION

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PROJECT NO:
LOCATION: CARNEY DAHLBERG #2

MI

SAMPLE MATRIX: WATER
SAMPLE ID: MW-2

GTA PROJECT NO: 120420-4
GTA SAMPLE NO: 2

DATE SAMPLED: 12/2/2020
TIME SAMPLED: 12:47 PM
DATE RECEIVED: 12/4/2020
TIME RECEIVED: 12:20 PM

SAMPLED BY: J. PARKER/SS

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		12/6/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: SUMMIT PETROLEUM
PROJECT NO:
LOCATION: CARNEY DAHLBERG #2

MI

SAMPLE MATRIX: WATER
SAMPLE ID: MW-3

GTA PROJECT NO: 120420-4
GTA SAMPLE NO: 3

DATE SAMPLED: 12/2/2020
TIME SAMPLED: 12:05 PM
DATE RECEIVED: 12/4/2020
TIME RECEIVED: 12:20 PM

SAMPLED BY: J. PARKER/SS

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		12/6/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	2.3	1.0					
Xylene(Total)	7.9	3.0					
1,2,4-Trimethylbenzene	5.3	1.0					
1,3,5-Trimethylbenzene	1.3	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: SUMMIT PETROLEUM
PROJECT NO:
LOCATION: CARNEY DAHLBERG #2

MI

SAMPLE MATRIX: WATER
SAMPLE ID: MW-4

GTA PROJECT NO: 120420-4
GTA SAMPLE NO: 4

DATE SAMPLED: 12/2/2020
TIME SAMPLED: 11:08 AM
DATE RECEIVED: 12/4/2020
TIME RECEIVED: 12:20 PM

SAMPLED BY: J. PARKER/SS

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	200	5.0	ug/L (PPB)	MR		12/7/2020	EPA 5030B
Toluene	1.4	1.0					
Ethylbenzene	65	5.0					
Xylene(Total)	240	11					
1,2,4-Trimethylbenzene	5.9	1.0					
1,3,5-Trimethylbenzene	2.0	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
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COMPANY: SUMMIT PETROLEUM
PROJECT NO:
LOCATION: CARNEY DAHLBERG #2

GTA PROJECT NO: 120420-4
GTA SAMPLE NO: 1

DATE SAMPLED: 12/2/2020
TIME SAMPLED: 11:35 AM
DATE RECEIVED: 12/4/2020
TIME RECEIVED: 12:20 PM

MI
SAMPLED BY: J. PARKER/SS

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</u>
	SAMPLE ID: MW-1						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	12/4/2020	WATER

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

COMPANY: SUMMIT PETROLEUM
PROJECT NO:
LOCATION: CARNEY DAHLBERG #2

GTA PROJECT NO: 120420-4
GTA SAMPLE NO: 2

DATE SAMPLED: 12/2/2020
TIME SAMPLED: 12:47 PM
DATE RECEIVED: 12/4/2020
TIME RECEIVED: 12:20 PM

MI
SAMPLED BY: J. PARKER/SS

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</u>
	SAMPLE ID: MW-2						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	12/4/2020	WATER

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

COMPANY: SUMMIT PETROLEUM
PROJECT NO:
LOCATION: CARNEY DAHLBERG #2

GTA PROJECT NO: 120420-4
GTA SAMPLE NO: 3

DATE SAMPLED: 12/2/2020
TIME SAMPLED: 12:05 PM
DATE RECEIVED: 12/4/2020
TIME RECEIVED: 12:20 PM

MI
SAMPLED BY: J. PARKER/SS

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</u>
	SAMPLE ID: MW-3						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	12/4/2020	WATER

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

COMPANY: SUMMIT PETROLEUM
PROJECT NO:
LOCATION: CARNEY DAHLBERG #2

GTA PROJECT NO: 120420-4
GTA SAMPLE NO: 4

DATE SAMPLED: 12/2/2020
TIME SAMPLED: 11:08 AM
DATE RECEIVED: 12/4/2020
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MI
SAMPLED BY: J. PARKER/SS

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</u>
	SAMPLE ID: MW-4						
	CHLORIDE EPA 300.0	24	10	mg/L (PPM)	LV	12/4/2020	WATER

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

CHAIN OF CUSTODY

PROJECT NUMBER	SITE NAME/ADDRESS	COMPANY/NAME
	Carney Dahlberg #2	Summit / Miller
SAMPLED BY	COMPANY	GTA PROJECT #
J Parker	Sample serve	120420-4

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-1	12-2-20	1135	GW	BTEX +4 and Chlorides
2	MW-2	I	1247	GW	I
3	MW-3		1205	GW	
4	MW-4		1108	GW	

BILL TO: Dan Nida Summit / Miller Energy		REPORT TO: Dnida@miller-energy.com	
RELEASED BY	DATE/TIME	RECEIVED BY	DATE/TIME
JP	1220	R-CH	12/4/20 12:20
REQUESTED TAT ☐ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS			