

**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: 2020704003.01
GTA ProjNo: 090220-8

Site Addr: SOUTH BUCKEYE

Sampled By: MAX KORNDORFER/GCES
Date Rec: 9/2/2020
Time Rec: 3:30 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1	9/2/2020	12:00 PM	WATER
2	MW-2	9/2/2020	1:00 PM	WATER
3	MW-3	9/2/2020	11:40 AM	WATER
4	MW-4	9/2/2020	12:20 PM	WATER
5	MW-5	9/2/2020	12:40 PM	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: 2020704003.01

LOCATION: SOUTH BUCKEYE

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-1

GTA PROJECT NO: 090220-8

GTA SAMPLE NO: 1

DATE SAMPLED: 9/2/2020

TIME SAMPLED: 12:00 PM

DATE RECEIVED: 9/2/2020

TIME RECEIVED: 3:30 PM

SAMPLED BY: MAX KORNDORFER/GCES

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		9/3/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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: 2020704003.01

LOCATION: SOUTH BUCKEYE

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-2

GTA PROJECT NO: 090220-8

GTA SAMPLE NO: 2

DATE SAMPLED: 9/2/2020

TIME SAMPLED: 1:00 PM

DATE RECEIVED: 9/2/2020

TIME RECEIVED: 3:30 PM

SAMPLED BY: MAX KORNDORFER/GCES

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		9/3/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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PROJECT NO: 2020704003.01

LOCATION: SOUTH BUCKEYE

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-3

GTA PROJECT NO: 090220-8

GTA SAMPLE NO: 3

DATE SAMPLED: 9/2/2020

TIME SAMPLED: 11:40 AM

DATE RECEIVED: 9/2/2020

TIME RECEIVED: 3:30 PM

SAMPLED BY: MAX KORNDORFER/GCES

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		9/3/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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PROJECT NO: 2020704003.01

LOCATION: SOUTH BUCKEYE

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-4

GTA PROJECT NO: 090220-8

GTA SAMPLE NO: 4

DATE SAMPLED: 9/2/2020

TIME SAMPLED: 12:20 PM

DATE RECEIVED: 9/2/2020

TIME RECEIVED: 3:30 PM

SAMPLED BY: MAX KORNDORFER/GCES

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		9/3/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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

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COMPANY: SUMMIT PETROLEUM

PROJECT NO: 2020704003.01

LOCATION: SOUTH BUCKEYE

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-5

GTA PROJECT NO: 090220-8

GTA SAMPLE NO: 5

DATE SAMPLED: 9/2/2020

TIME SAMPLED: 12:40 PM

DATE RECEIVED: 9/2/2020

TIME RECEIVED: 3:30 PM

SAMPLED BY: MAX KORNDORFER/GCES

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		9/3/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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

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COMPANY: SUMMIT PETROLEUM

GTA PROJECT NO: 090220-8

PROJECT NO: 2020704003.01

GTA SAMPLE NO: 1

LOCATION: SOUTH BUCKEYE

DATE SAMPLED: 9/2/2020

TIME SAMPLED: 12:00 PM

DATE RECEIVED: 9/2/2020

TIME RECEIVED: 3:30 PM

MI

SAMPLED BY: MAX KORNDORFER/GCES

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: MW-1							
CHLORIDE EPA 300.0		1,600	100	mg/L (PPM)	LV	9/3/2020	WATER

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

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COMPANY: SUMMIT PETROLEUM

PROJECT NO: 2020704003.01

LOCATION: SOUTH BUCKEYE

GTA PROJECT NO: 090220-8

GTA SAMPLE NO: 2

DATE SAMPLED: 9/2/2020

TIME SAMPLED: 1:00 PM

DATE RECEIVED: 9/2/2020

TIME RECEIVED: 3:30 PM

SAMPLED BY: MI
MAX KORNDORFER/GCES**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: MW-2						
	CHLORIDE EPA 300.0	41	10	mg/L (PPM)	LV	9/3/2020	WATER

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LOD = LIMIT OF DETECTION

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

COMPANY: SUMMIT PETROLEUM

GTA PROJECT NO: 090220-8

PROJECT NO: 2020704003.01

GTA SAMPLE NO: 3

LOCATION: SOUTH BUCKEYE

DATE SAMPLED: 9/2/2020

TIME SAMPLED: 11:40 AM

DATE RECEIVED: 9/2/2020

TIME RECEIVED: 3:30 PM

MI

SAMPLED BY: MAX KORNDORFER/GCES

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: MW-3							
CHLORIDE EPA 300.0		940	50	mg/L (PPM)	LV	9/3/2020	WATER

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PROJECT NO: 2020704003.01

LOCATION: SOUTH BUCKEYE

GTA PROJECT NO: 090220-8

GTA SAMPLE NO: 4

DATE SAMPLED: 9/2/2020

TIME SAMPLED: 12:20 PM

DATE RECEIVED: 9/2/2020

TIME RECEIVED: 3:30 PM

SAMPLED BY: MI
MAX KORNDORFER/GCES**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: MW-4						
	CHLORIDE EPA 300.0	190	10	mg/L (PPM)	LV	9/3/2020	WATER

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LOCATION: SOUTH BUCKEYE

GTA PROJECT NO: 090220-8

GTA SAMPLE NO: 5

DATE SAMPLED: 9/2/2020

TIME SAMPLED: 12:40 PM

DATE RECEIVED: 9/2/2020

TIME RECEIVED: 3:30 PM

SAMPLED BY: MI
MAX KORNDORFER/GCES**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: MW-5						
	CHLORIDE EPA 300.0	36	10	mg/L (PPM)	LV	9/3/2020	WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

