



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: COBRA OIL & GAS
Name:
ClientProj:

Site Addr: STATE BURLEIGH 1-35

GTA ProjNo: 050919-11

Sampled By: HOLLIS THOMAS/DARCY

Date Rec: 5/9/2019

Time Rec: 10:20 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-2	5/7/2019	1:00 PM	WATER
2	MW-4	5/7/2019	1:30 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 L 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

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: COBRA OIL & GAS
PROJECT NO:
LOCATION: STATE BURLEIGH 1-35
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-2

GTA PROJECT NO: 050919-11
GTA SAMPLE NO: 1
DATE SAMPLED: 5/7/2019
TIME SAMPLED: 1:00 PM
DATE RECEIVED: 5/9/2019
TIME RECEIVED: 10:20 AM

SAMPLED BY: HOLLIS THOMAS/DARCY

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		5/10/2019	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

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: COBRA OIL & GAS
PROJECT NO:
LOCATION: STATE BURLEIGH 1-35
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-4

GTA PROJECT NO: 050919-11
GTA SAMPLE NO: 2
DATE SAMPLED: 5/7/2019
TIME SAMPLED: 1:30 PM
DATE RECEIVED: 5/9/2019
TIME RECEIVED: 10:20 AM

SAMPLED BY: HOLLIS THOMAS/DARCY

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	1.4	1.0	ug/L (PPB)	MR		5/10/2019	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	27	1.0					
Xylene(Total)	340	3.0					

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

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: COBRA OIL & GAS
PROJECT NO:
LOCATION: STATE BURLEIGH 1-35

GTA PROJECT NO: 050919-11
GTA SAMPLE NO: 1

DATE SAMPLED: 5/7/2019
TIME SAMPLED: 1:00 PM

DATE RECEIVED: 5/9/2019
TIME RECEIVED: 10:20 AM

MI
SAMPLED BY: HOLLIS THOMAS/DARCY

SAMPLE RESULTS

<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: MW-2						
	CHLORIDE EPA 300.0	15	10	mg/L (PPM)	LV	5/14/2019	WATER
	CONDUCTIVITY SM2510-B	1,000	1.0	uS/cm@25C	LV	5/14/2019	WATER

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

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: COBRA OIL & GAS
PROJECT NO:
LOCATION: STATE BURLEIGH 1-35

GTA PROJECT NO: 050919-11
GTA SAMPLE NO: 2

DATE SAMPLED: 5/7/2019
TIME SAMPLED: 1:30 PM

DATE RECEIVED: 5/9/2019
TIME RECEIVED: 10:20 AM

MI
SAMPLED BY: HOLLIS THOMAS/DARCY

SAMPLE RESULTS

<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: MW-4						
	CHLORIDE EPA 300.0	14	10	mg/L (PPM)	LV	5/14/2019	WATER
	CONDUCTIVITY SM2510-B	970	1.0	uS/cm@25C	LV	5/14/2019	WATER

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

