



**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

[www.gtanalytical.com](http://www.gtanalytical.com)

Company: CORE ENERGY  
Name:  
ClientProj: 2021830009.01  
GTA ProjNo: 061422-3

Site Addr: CHALRTON 7 CPF

Sampled By: JOSHUA GERRIE/GCES  
Date Rec: 6/14/2022  
Time Rec: 2:20 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-5	6/14/2022	11:15 AM	WATER
2	MW-8S	6/14/2022	9:50 AM	WATER
3	MW-9	6/14/2022	11:40 AM	WATER
4	MW-10	6/14/2022	10:10 AM	WATER
5	MW-11	6/14/2022	10:40 AM	WATER
6	MW-12	6/14/2022	12:10 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  
Ph: 231-929-0905  
Fx: 231-929-0894  
SP: 231-590-0291  
[kirk@gtanalytical.com](mailto: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: CORE ENERGY  
 PROJECT NO: 2021830009.01  
 LOCATION: CHALRTON 7 CPF  
 MI  
 SAMPLE MATRIX: WATER  
 SAMPLE ID: MW-5

GTA PROJECT NO: 061422-3  
 GTA SAMPLE NO: 1  
 DATE SAMPLED: 6/14/2022  
 TIME SAMPLED: 11:15 AM  
 DATE RECEIVED: 6/14/2022  
 TIME RECEIVED: 2:20 PM

SAMPLED BY: JOSHUA GERRIE/GCES

**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		6/17/2022	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

COMPANY: CORE ENERGY  
PROJECT NO: 2021830009.01  
LOCATION: CHALRTON 7 CPF  
MI  
SAMPLE MATRIX: WATER  
SAMPLE ID: MW-8S

GTA PROJECT NO: 061422-3  
GTA SAMPLE NO: 2  
DATE SAMPLED: 6/14/2022  
TIME SAMPLED: 9:50 AM  
DATE RECEIVED: 6/14/2022  
TIME RECEIVED: 2:20 PM

SAMPLED BY: JOSHUA GERRIE/GCES

**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		6/17/2022	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: CORE ENERGY  
 PROJECT NO: 2021830009.01  
 LOCATION: CHALRTON 7 CPF  
 MI  
 SAMPLE MATRIX: WATER  
 SAMPLE ID: MW-9

GTA PROJECT NO: 061422-3  
 GTA SAMPLE NO: 3  
 DATE SAMPLED: 6/14/2022  
 TIME SAMPLED: 11:40 AM  
 DATE RECEIVED: 6/14/2022  
 TIME RECEIVED: 2:20 PM

SAMPLED BY: JOSHUA GERRIE/GCES

**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		6/17/2022	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: CORE ENERGY  
 PROJECT NO: 2021830009.01  
 LOCATION: CHALRTON 7 CPF  
 MI  
 SAMPLE MATRIX: WATER  
 SAMPLE ID: MW-10

GTA PROJECT NO: 061422-3  
 GTA SAMPLE NO: 4  
 DATE SAMPLED: 6/14/2022  
 TIME SAMPLED: 10:10 AM  
 DATE RECEIVED: 6/14/2022  
 TIME RECEIVED: 2:20 PM

SAMPLED BY: JOSHUA GERRIE/GCES

**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		6/17/2022	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: CORE ENERGY  
 PROJECT NO: 2021830009.01  
 LOCATION: CHALRTON 7 CPF  
 MI  
 SAMPLE MATRIX: WATER  
 SAMPLE ID: MW-11

GTA PROJECT NO: 061422-3  
 GTA SAMPLE NO: 5  
 DATE SAMPLED: 6/14/2022  
 TIME SAMPLED: 10:40 AM  
 DATE RECEIVED: 6/14/2022  
 TIME RECEIVED: 2:20 PM

SAMPLED BY: JOSHUA GERRIE/GCES

**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		6/17/2022	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: CORE ENERGY  
 PROJECT NO: 2021830009.01  
 LOCATION: CHALRTON 7 CPF  
 MI  
 SAMPLE MATRIX: WATER  
 SAMPLE ID: MW-12

GTA PROJECT NO: 061422-3  
 GTA SAMPLE NO: 6  
 DATE SAMPLED: 6/14/2022  
 TIME SAMPLED: 12:10 PM  
 DATE RECEIVED: 6/14/2022  
 TIME RECEIVED: 2:20 PM

SAMPLED BY: JOSHUA GERRIE/GCES

**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		6/17/2022	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

COMPANY: CORE ENERGY  
 PROJECT NO: 2021830009.01  
 LOCATION: CHALRTON 7 CPF

GTA PROJECT NO: 061422-3  
 GTA SAMPLE NO: 1  
 DATE SAMPLED: 6/14/2022  
 TIME SAMPLED: 11:15 AM  
 DATE RECEIVED: 6/14/2022  
 TIME RECEIVED: 2:20 PM

MI  
 SAMPLED BY: JOSHUA GERRIE/GCES

**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-5	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/AS	6/16/2022	WATER

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

COMPANY: CORE ENERGY  
 PROJECT NO: 2021830009.01  
 LOCATION: CHALRTON 7 CPF

GTA PROJECT NO: 061422-3  
 GTA SAMPLE NO: 2  
 DATE SAMPLED: 6/14/2022  
 TIME SAMPLED: 9:50 AM  
 DATE RECEIVED: 6/14/2022  
 TIME RECEIVED: 2:20 PM

MI  
 SAMPLED BY: JOSHUA GERRIE/GCES

**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-8S	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/AS	6/16/2022	WATER

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



**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: CORE ENERGY  
PROJECT NO: 2021830009.01  
LOCATION: CHALRTON 7 CPF

GTA PROJECT NO: 061422-3  
GTA SAMPLE NO: 3

DATE SAMPLED: 6/14/2022  
TIME SAMPLED: 11:40 AM  
DATE RECEIVED: 6/14/2022  
TIME RECEIVED: 2:20 PM

MI  
SAMPLED BY: JOSHUA GERRIE/GCES

**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-9	CHLORIDE EPA 300.0	22	10	mg/L (PPM)	KC/AS	6/16/2022	WATER

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



**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: CORE ENERGY  
PROJECT NO: 2021830009.01  
LOCATION: CHALRTON 7 CPF

GTA PROJECT NO: 061422-3  
GTA SAMPLE NO: 4

DATE SAMPLED: 6/14/2022  
TIME SAMPLED: 10:10 AM  
DATE RECEIVED: 6/14/2022  
TIME RECEIVED: 2:20 PM

MI  
SAMPLED BY: JOSHUA GERRIE/GCES

**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-10 CHLORIDE EPA 300.0	53	10	mg/L (PPM)	KC/AS	6/16/2022	WATER

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

COMPANY: CORE ENERGY  
 PROJECT NO: 2021830009.01  
 LOCATION: CHALRTON 7 CPF

GTA PROJECT NO: 061422-3  
 GTA SAMPLE NO: 5  
 DATE SAMPLED: 6/14/2022  
 TIME SAMPLED: 10:40 AM  
 DATE RECEIVED: 6/14/2022  
 TIME RECEIVED: 2:20 PM

MI  
 SAMPLED BY: JOSHUA GERRIE/GCES

**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-11 CHLORIDE EPA 300.0	20	10	mg/L (PPM)	KC/AS	6/16/2022	WATER

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

COMPANY: CORE ENERGY  
 PROJECT NO: 2021830009.01  
 LOCATION: CHALRTON 7 CPF

GTA PROJECT NO: 061422-3  
 GTA SAMPLE NO: 6  
 DATE SAMPLED: 6/14/2022  
 TIME SAMPLED: 12:10 PM  
 DATE RECEIVED: 6/14/2022  
 TIME RECEIVED: 2:20 PM

MI  
 SAMPLED BY: JOSHUA GERRIE/GCES

**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-12	CHLORIDE EPA 300.0	14	10	mg/L (PPM)	KC/AS	6/16/2022	WATER

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

**CHAIN OF CUSTODY**

PROJECT NUMBER 2021830009.01	SITE NAME/ADDRESS Charlton 7 CPF	COMPANY/NAME Cove Energy
SAMPLED BY Joshua Gervie	COMPANY Gasling Czubak	GTA PROJECT # 061422-3

**SAMPLE INFORMATION**

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-5	6-14-22	1115	GW	BTEX + Chloride
2	MW-8s	↓	0950	↓	↓
3	MW-9		1140		
4	MW-10		1010		
5	MW-11		1040		
6	MW-12		1210		

<b>BILL TO:</b> GCES	TempRec: <input type="checkbox"/> 30°C	On Ice? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<b>REPORT TO:</b> Jeff Sims
-------------------------	---	--	--------------------------------

<b>RELEASED BY</b> <i>[Signature]</i>	<b>DATE/TIME</b> 6-14-22/1420	<b>RECEIVED BY</b> <i>[Signature]</i>	<b>DATE/TIME</b> 6/14/22 (120)
--	----------------------------------	--	-----------------------------------

REQUESTED TAT  STANDARD  1 BUSINESS DAY  2 BUSINESS DAYS  3 BUSINESS DAYS