

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: WARD LAKE ENERGY
Name:
ClientProj: 190183-2500
GTA ProjNo: 061020-3

Site Addr: RYPKOWSKI B1-21

Sampled By: NJ/ECT
Date Rec: 6/10/2020
Time Rec: 10:00 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	NORTH S.W.	6/9/2020		SOIL
2	SOUTH S.W.	6/9/2020		SOIL
3	EAST S.W.	6/9/2020		SOIL
4	WEST S.W.	6/9/2020		SOIL
5	F-1	6/9/2020		SOIL
6	F-1 + 1'	6/9/2020		SOIL
7	F-1 + 4'	6/9/2020		SOIL
8	EAST SW + 1'	6/9/2020		SOIL

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

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: WARD LAKE ENERGY

PROJECT NO: 190183-2500

LOCATION: RYPKOWSKI B1-21

GTA PROJECT NO: 061020-3

GTA SAMPLE NO: 1

DATE SAMPLED: 6/9/2020

TIME SAMPLED:

DATE RECEIVED: 6/10/2020

TIME RECEIVED: 10:00 AM

SAMPLED BY: MI
NJ/ECT**SAMPLE ANALYSIS****No: Analysis**

SAMPLE ID: NORTH S.W.

CHLORIDE EPA 300.0

Concentration

ND

LOD

110

Units

mg/Kg (PPM) LV

Analyst

LV

Date

6/11/2020

Sample

SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

COMPANY: WARD LAKE ENERGY

PROJECT NO: 190183-2500

LOCATION: RYPKOWSKI B1-21

GTA PROJECT NO: 061020-3

GTA SAMPLE NO: 2

DATE SAMPLED: 6/9/2020

TIME SAMPLED:

DATE RECEIVED: 6/10/2020

TIME RECEIVED: 10:00 AM

SAMPLED BY: MI
NJ/ECT

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: SOUTH S.W.

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date

Sample

390

110

mg/Kg (PPM) LV

6/11/2020

SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

COMPANY: WARD LAKE ENERGY

GTA PROJECT NO: 061020-3

PROJECT NO: 190183-2500

GTA SAMPLE NO: 3

LOCATION: RYPKOWSKI B1-21

DATE SAMPLED: 6/9/2020

TIME SAMPLED:

DATE RECEIVED: 6/10/2020

TIME RECEIVED: 10:00 AM

SAMPLED BY: MI
NJ/ECT

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: EAST S.W.

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date

Sample

970

110

mg/Kg (PPM) LV

6/11/2020

SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

COMPANY: WARD LAKE ENERGY
PROJECT NO: 190183-2500
LOCATION: RYPKOWSKI B1-21

GTA PROJECT NO: 061020-3
GTA SAMPLE NO: 4

DATE SAMPLED: 6/9/2020
TIME SAMPLED:
DATE RECEIVED: 6/10/2020
TIME RECEIVED: 10:00 AM

SAMPLED BY: MI
NJ/ECT

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: WEST S.W. CHLORIDE EPA 300.0	130	110	mg/Kg (PPM)	LV	6/11/2020	SOIL

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

COMPANY: WARD LAKE ENERGY

GTA PROJECT NO: 061020-3

PROJECT NO: 190183-2500

GTA SAMPLE NO: 5

LOCATION: RYPKOWSKI B1-21

DATE SAMPLED: 6/9/2020

TIME SAMPLED:

DATE RECEIVED: 6/10/2020

TIME RECEIVED: 10:00 AM

SAMPLED BY: MI
NJ/ECT

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: F-1							
CHLORIDE EPA 300.0		ND	110	mg/Kg (PPM)	LV	6/11/2020	SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

COMPANY: WARD LAKE ENERGY
PROJECT NO: 190183-2500
LOCATION: RYPKOWSKI B1-21

GTA PROJECT NO: 061020-3
GTA SAMPLE NO: 6

DATE SAMPLED: 6/9/2020
TIME SAMPLED:
DATE RECEIVED: 6/10/2020
TIME RECEIVED: 10:00 AM

SAMPLED BY: MI
NJ/ECT

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: F-1 + 1'							
CHLORIDE EPA 300.0		1,900	100	mg/Kg (PPM)	LV	6/11/2020	SOIL

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

COMPANY: WARD LAKE ENERGY
PROJECT NO: 190183-2500
LOCATION: RYPKOWSKI B1-21

GTA PROJECT NO: 061020-3
GTA SAMPLE NO: 7

DATE SAMPLED: 6/9/2020
TIME SAMPLED:
DATE RECEIVED: 6/10/2020
TIME RECEIVED: 10:00 AM

SAMPLED BY: MI
NJ/ECT

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: F-1 + 4'	CHLORIDE EPA 300.0	ND	110	mg/Kg (PPM)	LV	6/11/2020	SOIL

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

COMPANY: WARD LAKE ENERGY

GTA PROJECT NO: 061020-3

PROJECT NO: 190183-2500

GTA SAMPLE NO: 8

LOCATION: RYPKOWSKI B1-21

DATE SAMPLED: 6/9/2020

TIME SAMPLED:

DATE RECEIVED: 6/10/2020

TIME RECEIVED: 10:00 AM

SAMPLED BY: MI
NJ/ECT

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: EAST SW + 1'

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date

Sample

ND

110

mg/Kg (PPM) LV

6/11/2020

SOIL

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: WARD LAKE ENERGY

GTA PROJECT NO: 061020-3

NAME:

SAMPLED BY: NJ/ECT

PROJECT NO: 190183-2500

DATE SAMPLED: 6/9/2020

TIME SAMPLED:

LOCATION: RYPKOWSKI B1-21

SAMPLE MATRIX: SOIL

DATE RECEIVED: 6/10/2020

TIME RECEIVED: 10:00 AM

MI

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: NORTH S.W.					
	% MOISTURE EPA 3550C	14	0.050	% OF SAMPLE	AS	6/10/2020
	SAMPLE ID: SOUTH S.W.					
	% MOISTURE EPA 3550C	13	0.050	% OF SAMPLE	AS	6/10/2020
	SAMPLE ID: EAST S.W.					
	% MOISTURE EPA 3550C	12	0.050	% OF SAMPLE	AS	6/10/2020
	SAMPLE ID: WEST S.W.					
	% MOISTURE EPA 3550C	13	0.050	% OF SAMPLE	AS	6/10/2020
	SAMPLE ID: F-1					
	% MOISTURE EPA 3550C	14	0.050	% OF SAMPLE	AS	6/10/2020
	SAMPLE ID: F-1 + 1'					
	% MOISTURE EPA 3550C	9.3	0.050	% OF SAMPLE	AS	6/10/2020
	SAMPLE ID: F-1 + 4'					
	% MOISTURE EPA 3550C	14	0.050	% OF SAMPLE	AS	6/10/2020
	SAMPLE ID: EAST SW + 1'					
	% MOISTURE EPA 3550C	9.2	0.050	% OF SAMPLE	AS	6/10/2020

CHAIN OF CUSTODY

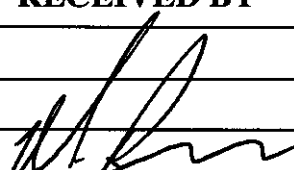
PROJECT NUMBER 190183-2500	SITE NAME/ADDRESS Rypkowski B1-21	COMPANY/NAME Ward Lake
SAMPLED BY NJ	COMPANY ECT	GTA PROJECT # 061020-3

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	NORTH S.W.	6-9-20		SOIL	CL
2	SOUTH S.W.				
3	EAST S.W.				
4	WEST S.W.				
5	F-1				
6	F-1 + 1'				
7	F-1 + 4'				
8	EAST SW + 1'				

BILL TO:

REPORT TO:

RELEASED BY	DATE/TIME	RECEIVED BY	DATE/TIME
			6-10-20 10A

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