



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: 190183-0700
GTA ProjNo: 082219-5

Site Addr: BEAR LAKE 28 FLOWLINE
TANNERVILLE

Sampled By: NJ/ECT
Date Rec: 8/22/2019
Time Rec: 4:05 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	NORTH WEST	8/22/2019		SOIL
2	NORTH	8/22/2019		SOIL
3	NORTH EAST	8/22/2019		SOIL
4	EAST	8/22/2019		SOIL
5	WEST	8/22/2019		SOIL
6	SOUTH WEST	8/22/2019		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 L Chase

Kirk L. Chase/Chemist
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COMPANY: WARD LAKE ENERGY
PROJECT NO: 190183-0700
LOCATION: BEAR LAKE 28 FLOWLINE
TANNERVILLE
MI
SAMPLED BY: NJ/ECT

GTA PROJECT NO: 082219-5
GTA SAMPLE NO: 1
DATE SAMPLED: 8/22/2019
TIME SAMPLED:
DATE RECEIVED: 8/22/2019
TIME RECEIVED: 4:05 PM

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: NORTH WEST CHLORIDE EPA 300.0	290	43	mg/Kg (PPM)	KC	8/23/2019	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: 190183-0700
LOCATION: BEAR LAKE 28 FLOWLINE
TANNERVILLE
MI
SAMPLED BY: NJ/ECT

GTA PROJECT NO: 082219-5
GTA SAMPLE NO: 2
DATE SAMPLED: 8/22/2019
TIME SAMPLED:
DATE RECEIVED: 8/22/2019
TIME RECEIVED: 4:05 PM

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: NORTH CHLORIDE EPA 300.0	ND	48	mg/Kg (PPM)	KC	8/23/2019	SOIL

ND = NOT DETECTED, RESULT < LOD
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COMPANY: WARD LAKE ENERGY
PROJECT NO: 190183-0700
LOCATION: BEAR LAKE 28 FLOWLINE
TANNERVILLE
MI
SAMPLED BY: NJ/ECT

GTA PROJECT NO: 082219-5
GTA SAMPLE NO: 3
DATE SAMPLED: 8/22/2019
TIME SAMPLED:
DATE RECEIVED: 8/22/2019
TIME RECEIVED: 4:05 PM

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: NORTH EAST CHLORIDE EPA 300.0	710	46	mg/Kg (PPM)	KC	8/23/2019	SOIL

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COMPANY: WARD LAKE ENERGY
PROJECT NO: 190183-0700
LOCATION: BEAR LAKE 28 FLOWLINE
TANNERVILLE
MI
SAMPLED BY: NJ/ECT

GTA PROJECT NO: 082219-5
GTA SAMPLE NO: 4
DATE SAMPLED: 8/22/2019
TIME SAMPLED:
DATE RECEIVED: 8/22/2019
TIME RECEIVED: 4:05 PM

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: EAST						
	CHLORIDE EPA 300.0	8,400	44	mg/Kg (PPM)	KC	8/23/2019	SOIL

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COMPANY: WARD LAKE ENERGY
PROJECT NO: 190183-0700
LOCATION: BEAR LAKE 28 FLOWLINE
TANNERVILLE
MI
SAMPLED BY: NJ/ECT

GTA PROJECT NO: 082219-5
GTA SAMPLE NO: 5
DATE SAMPLED: 8/22/2019
TIME SAMPLED:
DATE RECEIVED: 8/22/2019
TIME RECEIVED: 4:05 PM

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							
CHLORIDE EPA 300.0		750	40	mg/Kg (PPM)	KC	8/23/2019	SOIL

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LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: WARD LAKE ENERGY
PROJECT NO: 190183-0700
LOCATION: BEAR LAKE 28 FLOWLINE
TANNERVILLE
MI
SAMPLED BY: NJ/ECT

GTA PROJECT NO: 082219-5
GTA SAMPLE NO: 6
DATE SAMPLED: 8/22/2019
TIME SAMPLED:
DATE RECEIVED: 8/22/2019
TIME RECEIVED: 4:05 PM

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:	SOUTH WEST						
CHLORIDE EPA 300.0		ND	47	mg/Kg (PPM)	KC	8/23/2019	SOIL

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COMPANY: WARD LAKE ENERGY

GTA PROJECT NO: 082219-5

NAME:

SAMPLED BY: NJ/ECT

PROJECT NO: 190183-0700

DATE SAMPLED: 8/22/2019

TIME SAMPLED:

LOCATION: BEAR LAKE 28 FLOWLINE
TANNERVILLE

SAMPLE MATRIX: SOIL

DATE RECEIVED: 8/22/2019

TIME RECEIVED: 4:05 PM

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 WEST					
	% MOISTURE EPA 3550C	11	0.050	% OF SAMPLE	AS	8/22/2019
SAMPLE ID:	NORTH					
	% MOISTURE EPA 3550C	8.3	0.050	% OF SAMPLE	AS	8/22/2019
SAMPLE ID:	NORTH EAST					
	% MOISTURE EPA 3550C	1.4	0.050	% OF SAMPLE	AS	8/22/2019
SAMPLE ID:	EAST					
	% MOISTURE EPA 3550C	5.7	0.050	% OF SAMPLE	AS	8/22/2019
SAMPLE ID:	WEST					
	% MOISTURE EPA 3550C	4.7	0.050	% OF SAMPLE	AS	8/22/2019
SAMPLE ID:	SOUTH WEST					
	% MOISTURE EPA 3550C	3.7	0.050	% OF SAMPLE	AS	8/22/2019

