



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: MICHIGAN GEOSEARCH
Name:
ClientProj:

Site Addr: BUURMA FARMS 1-36A

GTA ProjNo: 122019-13

Sampled By: HOLLIS THOMAS/DARCY

Date Rec: 12/26/2019

Time Rec: 1:10 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-2	12/19/2019	6:00 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

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COMPANY: MICHIGAN GEOSEARCH
PROJECT NO:
LOCATION: BUURMA FARMS 1-36A
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-2

GTA PROJECT NO: 122019-13
GTA SAMPLE NO: 1
DATE SAMPLED: 12/19/2019
TIME SAMPLED: 6:00 PM
DATE RECEIVED: 12/26/2019
TIME RECEIVED: 1:10 PM
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		12/22/2019	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



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COMPANY:	MICHIGAN GEOSEARCH	GTA PROJECT NO:	122019-13
PROJECT NO:		GTA SAMPLE NO:	1
LOCATION:	BUURMA FARMS 1-36A	DATE SAMPLED:	12/19/2019
		TIME SAMPLED:	6:00 PM
		DATE RECEIVED:	12/26/2019
	MI	TIME RECEIVED:	1:10 PM
SAMPLED BY:	HOLLIS THOMAS/DARCY	SAMPLE MATRIX:	WATER
SAMPLE ID:	MW-2		

METALS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
BARIUM DISS EPA 6020A	2.4	0.025	mg/L (PPM)	MR	12/30/2019	EPA 3005A
CALCIUM DISS EPA 6020A	1,600	50	mg/L (PPM)	MR	12/30/2019	EPA 3005A
IRON TOTAL EPA 6020A	380	5.0	mg/L (PPM)	MR	12/30/2019	EPA 3020A
MAGNESIUM DISS EPA 6020A	480	5.0	mg/L (PPM)	MR	12/30/2019	EPA 3005A
POTASSIUM DISS EPA 6020A	27	0.25	mg/L (PPM)	MR	12/30/2019	EPA 3005A
SODIUM DISS EPA 6020A	130	5.0	mg/L (PPM)	MR	12/30/2019	EPA 3005A

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

DISS = DISSOLVED



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 SAMPLE MATRIX: WATER

SAMPLE RESULTS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Complete</u>
ALKALINITY SM 4500CO2D (BICARBONATE)	1,900	10	mg/L (PPM)	TR	12/23/2019
ALKALINITY SM 4500CO2D (CARBONATE)	11	10	mg/L (PPM)	TR	12/23/2019
CHLORIDE EPA 300.0	180	10	mg/L (PPM)	LV	12/23/2019
CONDUCTIVITY SM2510-B	1,600	1.0	uS/cm@25C	LV	12/23/2019
pH EPA 150.1 - LAB	7.8	0.10	s.u.	TR	12/23/2019
RESISTIVITY SM 2510A	610	-	ohms x cm	LV	12/23/2019
SPECIFIC GRAVITY SM 2710F	1.003	-	-	LV	12/23/2019
SULFATE EPA 300.0	210	10	mg/L (PPM)	LV	12/23/2019
SULFIDE SM 4500S D	ND	1.0	mg/L (PPM)	KC	12/21/2019
TOTAL DISSOLVED SOLIDS EPA 160.1	940	5.0	mg/L (PPM)	TR	12/24/2019

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

