



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: MID STATE EMPLOYMENT

Name:

ClientProj: 230199-0100

GTA ProjNo: 042525-8

Site Addr: BEATTY BOWN 1A-2

Sampled By: LMH-J/ECT

Date Rec: 4/25/2025

Time Rec: 11:30 AM

Sample No. Sample ID
1 PN-35061

Date Sampled
4/24/2025

Time Sampled

Sample Matrix
BRINE

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: MID STATE EMPLOYMENT

PROJECT NO: 230199-0100

LOCATION: BEATTY BOWN 1A-2

SAMPLED BY: MI
LMH-J/ECT

SAMPLE ID: PN-35061

GTA PROJECT NO: 042525-8

GTA SAMPLE NO: 1

DATE SAMPLED: 4/24/2025

TIME SAMPLED:

DATE RECEIVED: 4/25/2025

TIME RECEIVED: 11:30 AM

SAMPLE MATRIX: BRINE

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	11	2.0	mg/L (PPM)	MR	4/30/2025	EPA 3005A
CALCIUM DISS EPA 6020A	11,000	20	mg/L (PPM)	MR	4/30/2025	EPA 3005A
IRON TOTAL EPA 6020A	150	20	mg/L (PPM)	MR	4/30/2025	EPA 3020A
MAGNESIUM DISS EPA 6020A	1,800	20	mg/L (PPM)	MR	4/30/2025	EPA 3005A
POTASSIUM DISS EPA 6020A	1,000	20	mg/L (PPM)	MR	4/30/2025	EPA 3005A
SODIUM DISS EPA 6020A	31,000	200	mg/L (PPM)	MR	4/30/2025	EPA 3005A

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

DISS = DISSOLVED

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SAMPLE ANALYSIS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>
ALKALINITY SM 4500CO2D (BICARBONATE)	200	10	mg/L (PPM)	TR	5/12/2025
ALKALINITY SM 4500CO2D (CARBONATE)	ND	10	mg/L (PPM)	TR	5/12/2025
CHLORIDE EPA 300.0	140,000	4,000	mg/L (PPM)	KC/TR	5/12/2025
CONDUCTIVITY SM2510-B	360,000	5.0	uS/cm@25C	TR	5/9/2025
pH EPA 150.1 - LAB	6.0	0.10	s.u.	TR	5/12/2025
RESISTIVITY SM 2510A	2.8	-	ohms x cm	TR	5/9/2025
SPECIFIC GRAVITY SM 2710F	1.10	-	-	TR	5/12/2025
SULFATE EPA 9038	330	80	mg/L (PPM)	KC/TR	5/16/2025
SULFIDE SM 4500S D	ND	1.0	mg/L (PPM)	TR	4/25/2025
TOTAL DISSOLVED SOLIDS EPA 160.1	260,000	5.0	mg/L (PPM)	TR	5/12/2025

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

DISS = DISSOLVED

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☐ 3 BUSINESS DAYS