



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: REM
Name:
ClientProj: 240056-6100
GTA ProjNo: 070225-11

Site Addr: BROAD D1-10 SWD

Sampled By: JSL/ECT

Date Rec: 7/2/2025

Time Rec: 2:43 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	SS-1	7/2/2025	11:05 AM	SOIL
2	SS-2-1'	7/2/2025		SOIL
3	SS-2-4'	7/2/2025		SOIL
4	SS-3A	7/2/2025		SOIL
5	SS-4A	7/2/2025		SOIL
6	SS-5A	7/2/2025		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
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Traverse City, MI 49686
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COMPANY: REM
PROJECT NO: 240056-6100
LOCATION: BROAD D1-10 SWD

MI
SAMPLE MATRIX: SOIL
SAMPLE ID: SS-1

GTA PROJECT NO: 070225-11
GTA SAMPLE NO: 1
DATE SAMPLED: 7/2/2025
TIME SAMPLED: 11:05 AM
DATE RECEIVED: 7/2/2025
TIME RECEIVED: 2:43 PM

SAMPLED BY: JSL/ECT

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

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	50	ug/Kg (PPB)	MR	7/2/2025	7/3/2025	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION



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 PROJECT NO: 240056-6100
 LOCATION: BROAD D1-10 SWD
 SAMPLED BY: MI
 JSL/ECT
 SAMPLE MATRIX: SOIL
 SAMPLE ID: SS-1

GTA PROJECT NO: 070225-11
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 DATE SAMPLED: 7/2/2025
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PNA EPA 8270D (SIM)

<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>
Acenaphthene	ND	330	ug/Kg (PPB)	KC/TR	7/8/2025	7/10/2025	EPA 3550B
Acenaphthylene	ND	330					
Anthracene	ND	330					
Benzo(a)anthracene	ND	330					
Benzo(b)fluoranthene	ND	330					
Benzo(k)fluoranthene	ND	330					
Benzo(a)pyrene	ND	330					
Benzo(ghi)perylene	ND	330					
2-Chloronaphthalene	ND	330					
Chrysene	ND	330					
Dibenz(ah)anthracene	ND	330					
Fluoranthene	ND	330					
Fluorene	ND	330					
Indeno(123-cd)pyrene	ND	330					
2-Methylnaphthalene	ND	330					
Naphthalene	ND	330					
Phenanthrene	ND	330					
Pyrene	ND	330					

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COMPANY: REM
 PROJECT NO: 240056-6100
 LOCATION: BROAD D1-10 SWD

GTA PROJECT NO: 070225-11
 GTA SAMPLE NO: 1
 DATE SAMPLED: 7/2/2025
 TIME SAMPLED: 11:05 AM
 DATE RECEIVED: 7/2/2025
 TIME RECEIVED: 2:43 PM

SAMPLED BY: MI
 JSL/ECT

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 Matrix</u>
SAMPLE ID: SS-1	CHLORIDE EPA 300.0	2,600	120	mg/Kg (PPM)	KC/AA	7/8/2025	SOIL

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

COMPANY: REM
 PROJECT NO: 240056-6100
 LOCATION: BROAD D1-10 SWD

GTA PROJECT NO: 070225-11
 GTA SAMPLE NO: 2
 DATE SAMPLED: 7/2/2025
 TIME SAMPLED:
 DATE RECEIVED: 7/2/2025
 TIME RECEIVED: 2:43 PM

SAMPLED BY: MI
 JSL/ECT

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 Matrix</u>
	SAMPLE ID: SS-2-1' CHLORIDE EPA 300.0	3,800	120	mg/Kg (PPM)	KC/AA	7/8/2025	SOIL

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COMPANY: REM
 PROJECT NO: 240056-6100
 LOCATION: BROAD D1-10 SWD

GTA PROJECT NO: 070225-11
 GTA SAMPLE NO: 3
 DATE SAMPLED: 7/2/2025
 TIME SAMPLED:
 DATE RECEIVED: 7/2/2025
 TIME RECEIVED: 2:43 PM

SAMPLED BY: MI
 JSL/ECT

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 Matrix</u>
	SAMPLE ID: SS-2-4' CHLORIDE EPA 300.0	1,600	100	mg/Kg (PPM)	KC/AA	7/8/2025	SOIL

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COMPANY: REM
 PROJECT NO: 240056-6100
 LOCATION: BROAD D1-10 SWD

GTA PROJECT NO: 070225-11
 GTA SAMPLE NO: 4
 DATE SAMPLED: 7/2/2025
 TIME SAMPLED:
 DATE RECEIVED: 7/2/2025
 TIME RECEIVED: 2:43 PM

MI
 SAMPLED BY: JSL/ECT

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 Matrix</u>
SAMPLE ID: SS-3A	CHLORIDE EPA 300.0	ND	100	mg/Kg (PPM)	KC/AA	7/8/2025	SOIL

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COMPANY: REM
 PROJECT NO: 240056-6100
 LOCATION: BROAD D1-10 SWD

GTA PROJECT NO: 070225-11
 GTA SAMPLE NO: 5
 DATE SAMPLED: 7/2/2025
 TIME SAMPLED:
 DATE RECEIVED: 7/2/2025
 TIME RECEIVED: 2:43 PM

SAMPLED BY: MI
 JSL/ECT

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 Matrix</u>
	SAMPLE ID: SS-4A CHLORIDE EPA 300.0	260	100	mg/Kg (PPM)	KC/AA	7/8/2025	SOIL

ND = NOT DETECTED, RESULT < LOD
 LOD = LIMIT OF DETECTION
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COMPANY: REM
 PROJECT NO: 240056-6100
 LOCATION: BROAD D1-10 SWD

GTA PROJECT NO: 070225-11
 GTA SAMPLE NO: 6
 DATE SAMPLED: 7/2/2025
 TIME SAMPLED:
 DATE RECEIVED: 7/2/2025
 TIME RECEIVED: 2:43 PM

SAMPLED BY: MI
 JSL/ECT

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 Matrix</u>
	SAMPLE ID: SS-5A CHLORIDE EPA 300.0	ND	110	mg/Kg (PPM)	KC/AA	7/8/2025	SOIL

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GTA PROJECT NO: 070225-
SAMPLED BY: JSL/ECT

DATE SAMPLED: 7/2/2025

LOCATION: BROAD D1-10 SWD

MI

SAMPLE MATRIX: SOIL

DATE RECEIVED: 7/2/2025
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MOISTURE

<u>No:</u> <u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>
SAMPLE ID: SS-1 % MOISTURE EPA 3550C	12	0.10	% OF SAMPLE	AA	7/2/2025
SAMPLE ID: SS-2-1' % MOISTURE EPA 3550C	14	0.10	% OF SAMPLE	AA	7/2/2025
SAMPLE ID: SS-2-4' % MOISTURE EPA 3550C	3.5	0.10	% OF SAMPLE	AA	7/2/2025
SAMPLE ID: SS-3A % MOISTURE EPA 3550C	5.9	0.10	% OF SAMPLE	AA	7/2/2025
SAMPLE ID: SS-4A % MOISTURE EPA 3550C	5.3	0.10	% OF SAMPLE	AA	7/2/2025
SAMPLE ID: SS-5A % MOISTURE EPA 3550C	6.0	0.10	% OF SAMPLE	AA	7/2/2025

