



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: APOLLO
Name:
ClientProj:

Site Addr: PRITCHARD 1

GTA ProjNo: 082923-11

Sampled By: LMH-J/BJB - ECT
Date Rec: 8/29/2023
Time Rec: 1:25 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-7	8/29/2023		WATER
2	SE @ 2'	8/29/2023		SOIL
3	SW 2 @ 2'	8/29/2023		SOIL
4	NW 2 @ 2'	8/29/2023		SOIL
5	NE @ 2'	8/29/2023		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
kirk@gtanalytical.com

COMPANY: APOLLO
PROJECT NO:
LOCATION: PRITCHARD 1
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-7

GTA PROJECT NO: 082923-11
GTA SAMPLE NO: 1
DATE SAMPLED: 8/29/2023
TIME SAMPLED:
DATE RECEIVED: 8/29/2023
TIME RECEIVED: 1:25 PM

SAMPLED BY: LMH-J/BJB - ECT

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Completed</u>	<u>Prep Method</u>
Benzene	44	1.0	ug/L (PPB)	MR		8/31/2023	EPA 5030B
Toluene	4.1	1.0					
Ethylbenzene	90	1.0					
Xylene(Total)	230	3.0					
1,2,4-Trimethylbenzene	140	1.0					
1,3,5-Trimethylbenzene	87	1.0					
Naphthalene	19	5.0					
2-Methylnaphthalene	20	5.0					

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

COMPANY: APOLLO
PROJECT NO:
LOCATION: PRITCHARD 1
MI
SAMPLE MATRIX: SOIL
SAMPLE ID: SE @ 2'

GTA PROJECT NO: 082923-11
GTA SAMPLE NO: 2
DATE SAMPLED: 8/29/2023
TIME SAMPLED:
DATE RECEIVED: 8/29/2023
TIME RECEIVED: 1:25 PM
SAMPLED BY: LMH-J/BJB - ECT

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	8/29/2023	8/31/2023	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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COMPANY: APOLLO
 PROJECT NO:
 LOCATION: PRITCHARD 1
 MI
 SAMPLE MATRIX: SOIL
 SAMPLE ID: SW 2 @ 2'

GTA PROJECT NO: 082923-11
 GTA SAMPLE NO: 3
 DATE SAMPLED: 8/29/2023
 TIME SAMPLED:
 DATE RECEIVED: 8/29/2023
 TIME RECEIVED: 1:25 PM
 SAMPLED BY: LMH-J/BJB - ECT

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	8/29/2023	8/31/2023	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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COMPANY: APOLLO
 PROJECT NO:
 LOCATION: PRITCHARD 1
 MI
 SAMPLE MATRIX: SOIL
 SAMPLE ID: NW 2 @ 2'

GTA PROJECT NO: 082923-11
 GTA SAMPLE NO: 4
 DATE SAMPLED: 8/29/2023
 TIME SAMPLED:
 DATE RECEIVED: 8/29/2023
 TIME RECEIVED: 1:25 PM
 SAMPLED BY: LMH-J/BJB - ECT

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	8/29/2023	8/31/2023	EPA 5035A
Toluene	ND	50					
Ethylbenzene	230	50					
Xylene(Total)	330	150					
1,2,4-Trimethylbenzene	5,300	50					
1,3,5-Trimethylbenzene	10,000	50					
Naphthalene	1,600	250					
2-Methylnaphthalene	6,000	250					

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COMPANY: APOLLO
 PROJECT NO:
 LOCATION: PRITCHARD 1
 MI
 SAMPLE MATRIX: SOIL
 SAMPLE ID: NE @ 2'

GTA PROJECT NO: 082923-11
 GTA SAMPLE NO: 5
 DATE SAMPLED: 8/29/2023
 TIME SAMPLED:
 DATE RECEIVED: 8/29/2023
 TIME RECEIVED: 1:25 PM
 SAMPLED BY: LMH-J/BJB - ECT

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	8/29/2023	8/31/2023	EPA 5035A
Toluene	ND	50					
Ethylbenzene	91	50					
Xylene(Total)	3,600	150					
1,2,4-Trimethylbenzene	6,000	50					
1,3,5-Trimethylbenzene	15,000	50					
Naphthalene	450	250					
2-Methylnaphthalene	2,800	250					

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COMPANY: APOLLO
PROJECT NO:
LOCATION: PRITCHARD 1
MI
SAMPLED BY: LMH-J/BJB - ECT

GTA PROJECT NO: 082923-11
GTA SAMPLE NO: 1
DATE SAMPLED: 8/29/2023
TIME SAMPLED:
DATE RECEIVED: 8/29/2023
TIME RECEIVED: 1:25 PM

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: MW-7	CHLORIDE EPA 300.0	1,500	50	mg/L (PPM)	KC/AS	8/30/2023	WATER

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

COMPANY: APOLLO
PROJECT NO:
LOCATION: PRITCHARD 1
MI
SAMPLED BY: LMH-J/BJB - ECT

GTA PROJECT NO: 082923-11
GTA SAMPLE NO: 2
DATE SAMPLED: 8/29/2023
TIME SAMPLED:
DATE RECEIVED: 8/29/2023
TIME RECEIVED: 1:25 PM

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: SE @ 2' CHLORIDE EPA 300.0	ND	110	mg/Kg (PPM)	KC/AS	8/30/2023	SOIL

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

COMPANY: APOLLO
 PROJECT NO:
 LOCATION: PRITCHARD 1
 MI
 SAMPLED BY: LMH-J/BJB - ECT

GTA PROJECT NO: 082923-11
 GTA SAMPLE NO: 3
 DATE SAMPLED: 8/29/2023
 TIME SAMPLED:
 DATE RECEIVED: 8/29/2023
 TIME RECEIVED: 1:25 PM

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: SW 2 @ 2' CHLORIDE EPA 300.0	ND	94	mg/Kg (PPM)	KC/AS	8/30/2023	SOIL

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

COMPANY: APOLLO
PROJECT NO:
LOCATION: PRITCHARD 1
MI
SAMPLED BY: LMH-J/BJB - ECT

GTA PROJECT NO: 082923-11
GTA SAMPLE NO: 4
DATE SAMPLED: 8/29/2023
TIME SAMPLED:
DATE RECEIVED: 8/29/2023
TIME RECEIVED: 1:25 PM

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: NW 2 @ 2' CHLORIDE EPA 300.0	ND	100	mg/Kg (PPM)	KC/AS	8/30/2023	SOIL

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

COMPANY: APOLLO
PROJECT NO:
LOCATION: PRITCHARD 1
MI
SAMPLED BY: LMH-J/BJB - ECT

GTA PROJECT NO: 082923-11
GTA SAMPLE NO: 5
DATE SAMPLED: 8/29/2023
TIME SAMPLED:
DATE RECEIVED: 8/29/2023
TIME RECEIVED: 1:25 PM

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: NE @ 2' CHLORIDE EPA 300.0	ND	94	mg/Kg (PPM)	KC/AS	8/30/2023	SOIL

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



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COMPANY: APOLLO

NAME:
PROJECT NO:

LOCATION: PRITCHARD 1

MI

GTA PROJECT NO: 082923-11
SAMPLED BY: LMH-J/BJB - ECT

DATE SAMPLED: 8/29/2023

SAMPLE SOIL

DATE RECEIVED: 8/29/2023
TIME RECEIVED: 1:25 PM

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: SE @ 2' % MOISTURE EPA 3550C	15	0.10	% OF SAMPLE	AS	8/29/2023
	SAMPLE ID: SW 2 @ 2' % MOISTURE EPA 3550C	6.1	0.10	% OF SAMPLE	AS	8/29/2023
	SAMPLE ID: NW 2 @ 2' % MOISTURE EPA 3550C	12	0.10	% OF SAMPLE	AS	8/29/2023
	SAMPLE ID: NE @ 2' % MOISTURE EPA 3550C	8.4	0.10	% OF SAMPLE	AS	8/29/2023

CHAIN OF CUSTODY

PROJECT NUMBER	SITE NAME/ADDRESS PRITCHARD 1	COMPANY/NAME Apollo
SAMPLED BY LMHV/BBB	COMPANY ECT	GTA PROJECT # 082923-11

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
	MW-7	8-29-23		WTR	BTEX+4 & CL
	SE @ 2'	↓		SOIL	↓
	SW2 @ 2'				
	NW2 @ 2'				
	NE @ 2'				

BILL TO: Apollo XXXXXXXXXX	TempRec: <input type="checkbox"/> 11°C	On Ice? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	REPORT TO: Lisa
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RELEASED BY Lisa Johnson	DATE/TIME 8-29-23	RECEIVED BY K. Chen	DATE/TIME 8/29/23 1:25 PM
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REQUESTED TAT STANDARD 1 BUSINESS DAY 2 BUSINESS DAYS 3 BUSINESS DAYS