

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: DERRER OIL

Name:

ClientProj: 4449

GTA ProjNo: 112020-5

Site Addr: MANCELONA CARD LOCK

Sampled By: JIM ROSSI/COMPLIANCE

Date Rec: 11/20/2020

Time Rec: 1:05 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	B-1 14'	11/20/2020	9:20 AM	SOIL
2	B-2 15'	11/20/2020	10:00 AM	SOIL
3	B-2 19'	11/20/2020	10:10 AM	SOIL
4	B-2 20'	11/20/2020	10:14 AM	SOIL
5	B-3 16'	11/20/2020	10:40 AM	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

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COMPANY: DERRER OIL
PROJECT NO: 4449
LOCATION: MACELONA CAND LOCK
MI
SAMPLE MATRIX: SOIL
SAMPLE ID: B-1 14'

GTA PROJECT NO: 112020-5
GTA SAMPLE NO: 1
DATE SAMPLED: 11/20/2020
TIME SAMPLED: 9:20 AM
DATE RECEIVED: 11/20/2020
TIME RECEIVED: 1:05 PM

SAMPLED BY: JIM ROSSI/COMPLIANCE

**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</u> <u>Extracted</u>	<u>Date</u> <u>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	11/20/2020	11/22/2020	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Methyl-t-Butyl Ether	ND	250					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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COMPANY: DERRER OIL
PROJECT NO: 4449
LOCATION: MACELONA CAND LOCK
MI
SAMPLE MATRIX: SOIL
SAMPLE ID: B-2 15'

GTA PROJECT NO: 112020-5
GTA SAMPLE NO: 2
DATE SAMPLED: 11/20/2020
TIME SAMPLED: 10:00 AM
DATE RECEIVED: 11/20/2020
TIME RECEIVED: 1:05 PM

SAMPLED BY: JIM ROSSI/COMPLIANCE

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EPA 8260B VOLATILE ORGANICS

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Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Methyl-t-Butyl Ether	ND	250					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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COMPANY: DERRER OIL
PROJECT NO: 4449
LOCATION: MACELONA CAND LOCK
MI
SAMPLE MATRIX: SOIL
SAMPLE ID: B-2 19'

GTA PROJECT NO: 112020-5
GTA SAMPLE NO: 3
DATE SAMPLED: 11/20/2020
TIME SAMPLED: 10:10 AM
DATE RECEIVED: 11/20/2020
TIME RECEIVED: 1:05 PM

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1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Methyl-t-Butyl Ether	ND	250					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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COMPANY: DERRER OIL
PROJECT NO: 4449
LOCATION: MACELONA CAND LOCK
MI
SAMPLE MATRIX: SOIL
SAMPLE ID: B-2 20'

GTA PROJECT NO: 112020-5
GTA SAMPLE NO: 4
DATE SAMPLED: 11/20/2020
TIME SAMPLED: 10:14 AM
DATE RECEIVED: 11/20/2020
TIME RECEIVED: 1:05 PM

SAMPLED BY: JIM ROSSI/COMPLIANCE

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1,3,5-Trimethylbenzene	ND	50					
Methyl-t-Butyl Ether	ND	250					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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COMPANY: DERRER OIL
PROJECT NO: 4449
LOCATION: MACELONA CAND LOCK
MI
SAMPLE MATRIX: SOIL
SAMPLE ID: B-3 16'

GTA PROJECT NO: 112020-5
GTA SAMPLE NO: 5
DATE SAMPLED: 11/20/2020
TIME SAMPLED: 10:40 AM
DATE RECEIVED: 11/20/2020
TIME RECEIVED: 1:05 PM

SAMPLED BY: JIM ROSSI/COMPLIANCE

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

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<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>Complete</u>	<u>Prep Method</u>
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Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Methyl-t-Butyl Ether	ND	250					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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COMPANY: DERRER OIL
PROJECT NO: 4449
LOCATION: MANCELONA CARD LOCK

GTA PROJECT NO: 112020-5
GTA SAMPLE NO: 1

DATE SAMPLED: 11/20/2020
TIME SAMPLED: 9:20 AM

SAMPLED BY: MI
JIM ROSSI/COMPLIANCE

DATE RECEIVED: 11/20/2020
TIME RECEIVED: 1:05 PM

SAMPLE MATRIX: SOIL
SAMPLE ID: B-1 14'

PNA EPA 8270D (SIM)

<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>Complete</u>	<u>Prep Method</u>
Acenaphthene	ND	330	ug/Kg (PPB)	KC/TR	11/23/2020	11/24/2020	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					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

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COMPANY: DERRER OIL
PROJECT NO: 4449
LOCATION: MANCELONA CARD LOCK

GTA PROJECT NO: 112020-5
GTA SAMPLE NO: 2

DATE SAMPLED: 11/20/2020
TIME SAMPLED: 10:00 AM

SAMPLED BY: MI
JIM ROSSI/COMPLIANCE

DATE RECEIVED: 11/20/2020
TIME RECEIVED: 1:05 PM

SAMPLE MATRIX: SOIL
SAMPLE ID: B-2 15'

PNA EPA 8270D (SIM)

<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>Complete</u>	<u>Prep Method</u>
Acenaphthene	ND	330	ug/Kg (PPB)	KC/TR	11/23/2020	11/24/2020	EPA 3550B
Acenaphthylene	ND	330					
Anthracene	ND	330					
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2-Chloronaphthalene	ND	330					
Chrysene	ND	330					
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Fluorene	ND	330					
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2-Methylnaphthalene	ND	330					
Naphthalene	ND	330					
Phenanthrene	ND	330					
Pyrene	ND	330					

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COMPANY: DERRER OIL
PROJECT NO: 4449
LOCATION: MANCELONA CARD LOCK

GTA PROJECT NO: 112020-5
GTA SAMPLE NO: 3

DATE SAMPLED: 11/20/2020
TIME SAMPLED: 10:10 AM

SAMPLED BY: MI
JIM ROSSI/COMPLIANCE

DATE RECEIVED: 11/20/2020
TIME RECEIVED: 1:05 PM

SAMPLE MATRIX: SOIL
SAMPLE ID: B-2 19'

PNA EPA 8270D (SIM)

<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>Complete</u>	<u>Prep Method</u>
Acenaphthene	ND	330	ug/Kg (PPB)	KC/TR	11/23/2020	11/24/2020	EPA 3550B
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Benzo(a)anthracene	ND	330					
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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: DERRER OIL
PROJECT NO: 4449
LOCATION: MANCELONA CARD LOCK

GTA PROJECT NO: 112020-5
GTA SAMPLE NO: 4

DATE SAMPLED: 11/20/2020
TIME SAMPLED: 10:14 AM

SAMPLED BY: MI
JIM ROSSI/COMPLIANCE

DATE RECEIVED: 11/20/2020
TIME RECEIVED: 1:05 PM

SAMPLE MATRIX: SOIL
SAMPLE ID: B-2 20'

PNA EPA 8270D (SIM)

<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>Complete</u>	<u>Prep Method</u>
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Naphthalene	ND	330					
Phenanthrene	ND	330					
Pyrene	ND	330					

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COMPANY: DERRER OIL
PROJECT NO: 4449
LOCATION: MANCELONA CARD LOCK

GTA PROJECT NO: 112020-5
GTA SAMPLE NO: 5

DATE SAMPLED: 11/20/2020
TIME SAMPLED: 10:40 AM

SAMPLED BY: MI
JIM ROSSI/COMPLIANCE

DATE RECEIVED: 11/20/2020
TIME RECEIVED: 1:05 PM

SAMPLE MATRIX: SOIL
SAMPLE ID: B-3 16'

PNA EPA 8270D (SIM)

<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>Complete</u>	<u>Prep Method</u>
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2-Methylnaphthalene	ND	330					
Naphthalene	ND	330					
Phenanthrene	ND	330					
Pyrene	ND	330					

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COMPANY: DERRER OIL

NAME:

PROJECT NO: 4449

LOCATION: MANCELONA CARD LOCK

MI

GTA PROJECT NO: 112020-

SAMPLED BY: JIM ROSSI/COMPLIANCE

DATE SAMPLED: 11/20/2020

TIME SAMPLED: 9:20 AM

SAMPLE MATRIX: SOIL

DATE RECEIVED: 11/20/2020

TIME RECEIVED: 1:05 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: B-1 14'	% MOISTURE EPA 3550C	2.8	0.050	% OF SAMPLE	AS	11/20/2020
SAMPLE ID: B-2 15'	% MOISTURE EPA 3550C	5.6	0.050	% OF SAMPLE	AS	11/20/2020
SAMPLE ID: B-2 19'	% MOISTURE EPA 3550C	3.7	0.050	% OF SAMPLE	AS	11/20/2020
SAMPLE ID: B-2 20'	% MOISTURE EPA 3550C	3.7	0.050	% OF SAMPLE	AS	11/20/2020
SAMPLE ID: B-3 16'	% MOISTURE EPA 3550C	3.8	0.050	% OF SAMPLE	AS	11/20/2020

CHAIN OF CUSTODY

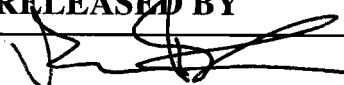
PROJECT NUMBER 4449	SITE NAME/ADDRESS Mancelona Cardlock	COMPANY/NAME Derrin Oil
SAMPLED BY Jim Rossi	COMPANY Compliance	GTA PROJECT # 112020-5

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	B-1 14'	11-20-20	9:20	Soil	Unleaded Gas Scan, PNA's
2	B-2 15'	11-20-20	10:00	Soil	" " " "
3	B-2 19'	11-20-20	10:10	Soil	" " " "
4	B-2 20'	11-20-20	10:14	Soil	" " " "
5	B-3 16'	11-20-20	10:40	Soil	" " " "

BILL TO: *Compliance, Inc.*

REPORT TO:
Ray Andrasi

RELEASED BY 	DATE/TIME <i>11-20-20 13:05</i>	RECEIVED BY <i>R. Orr</i>	DATE/TIME <i>11/20/20 13:05</i>
		<i>Rec 3.00c on ice</i>	

REQUESTED TAT ☐ STANDARD ☐ 1 BUSINESS DAY ☒ 2 BUSINESS DAYS ☒ 3 BUSINESS DAYS