

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: OTWELL MAWBY, P.C.
Name:
ClientProj: 20-343
GTA ProjNo: 120420-11

Site Addr: KROUPA PROPERTY

Sampled By: ROB WINTERER/OMPC
Date Rec: 12/4/2020
Time Rec: 4:32 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	HA-1 @ 1'	12/4/2020		SOIL
2	HA-2 @ 0.5'	12/4/2020		SOIL
3	HA-3 @ 0.5'	12/4/2020		SOIL
4	HA-4 @ 0.5'	12/4/2020		SOIL
5	HA-5 @ 0.5'	12/4/2020		SOIL
6	HA-6 @ 0.5'	12/4/2020		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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COMPANY: OTWELL MAWBY, P.C.

PROJECT NO: 20-343

LOCATION: KROUPA PROPERTY

SAMPLED BY: MI

ROB WINTERER/OMPC

SAMPLE ID: HA-1 @ 1'

GTA PROJECT NO: 120420-11

GTA SAMPLE NO: 1

DATE SAMPLED: 12/4/2020

TIME SAMPLED:

DATE RECEIVED: 12/4/2020

TIME RECEIVED: 4:32 PM

SAMPLE MATRIX: SOIL

METALS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
ARSENIC TOTAL EPA 6020A	1.4	0.83	mg/Kg (PPM)	MR	12/8/2020	EPA 3050B
COPPER TOTAL EPA 6020A	23	0.83	mg/Kg (PPM)	MR	12/8/2020	EPA 3050B
LEAD TOTAL EPA 6020A	46	0.83	mg/Kg (PPM)	MR	12/8/2020	EPA 3050B

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

DISS = DISSOLVED

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COMPANY: OTWELL MAWBY, P.C.

PROJECT NO: 20-343
LOCATION: KROUPA PROPERTYSAMPLED BY: MI
ROB WINTERER/OMPC

SAMPLE ID: HA-2 @ 0.5'

GTA PROJECT NO: 120420-11

GTA SAMPLE NO: 2

DATE SAMPLED: 12/4/2020
TIME SAMPLED:DATE RECEIVED: 12/4/2020
TIME RECEIVED: 4:32 PM

SAMPLE MATRIX: SOIL

METALS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
ARSENIC TOTAL EPA 6020A	4.0	0.92	mg/Kg (PPM)	MR	12/8/2020	EPA 3050B
COPPER TOTAL EPA 6020A	6.6	0.92	mg/Kg (PPM)	MR	12/8/2020	EPA 3050B
LEAD TOTAL EPA 6020A	14	0.92	mg/Kg (PPM)	MR	12/8/2020	EPA 3050B

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PROJECT NO: 20-343
LOCATION: KROUPA PROPERTYSAMPLED BY: MI
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SAMPLE ID: HA-3 @ 0.5'

GTA PROJECT NO: 120420-11

GTA SAMPLE NO: 3

DATE SAMPLED: 12/4/2020
TIME SAMPLED:DATE RECEIVED: 12/4/2020
TIME RECEIVED: 4:32 PM

SAMPLE MATRIX: SOIL

METALS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
ARSENIC TOTAL EPA 6020A	1.6	0.88	mg/Kg (PPM)	MR	12/8/2020	EPA 3050B
COPPER TOTAL EPA 6020A	5.4	0.88	mg/Kg (PPM)	MR	12/8/2020	EPA 3050B
LEAD TOTAL EPA 6020A	4.9	0.88	mg/Kg (PPM)	MR	12/8/2020	EPA 3050B

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PROJECT NO: 20-343
LOCATION: KROUPA PROPERTY

SAMPLED BY: MI
ROB WINTERER/OMPC

SAMPLE ID: HA-4 @ 0.5'

GTA PROJECT NO: 120420-11

GTA SAMPLE NO: 4

DATE SAMPLED: 12/4/2020
TIME SAMPLED:

DATE RECEIVED: 12/4/2020
TIME RECEIVED: 4:32 PM

SAMPLE MATRIX: SOIL

METALS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
ARSENIC TOTAL EPA 6020A	4.9	0.87	mg/Kg (PPM)	MR	12/8/2020	EPA 3050B
COPPER TOTAL EPA 6020A	11	0.87	mg/Kg (PPM)	MR	12/8/2020	EPA 3050B
LEAD TOTAL EPA 6020A	14	0.87	mg/Kg (PPM)	MR	12/8/2020	EPA 3050B

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PROJECT NO: 20-343
LOCATION: KROUPA PROPERTY

SAMPLED BY: MI
ROB WINTERER/OMPC

SAMPLE ID: HA-5 @ 0.5'

GTA PROJECT NO: 120420-11

GTA SAMPLE NO: 5

DATE SAMPLED: 12/4/2020
TIME SAMPLED:

DATE RECEIVED: 12/4/2020
TIME RECEIVED: 4:32 PM

SAMPLE MATRIX: SOIL

METALS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
ARSENIC TOTAL EPA 6020A	3.3	0.82	mg/Kg (PPM)	MR	12/8/2020	EPA 3050B
COPPER TOTAL EPA 6020A	6.0	0.82	mg/Kg (PPM)	MR	12/8/2020	EPA 3050B
LEAD TOTAL EPA 6020A	5.5	0.82	mg/Kg (PPM)	MR	12/8/2020	EPA 3050B

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COMPANY: OTWELL MAWBY, P.C.

PROJECT NO: 20-343
LOCATION: KROUPA PROPERTYSAMPLED BY: MI
ROB WINTERER/OMPC

SAMPLE ID: HA-6 @ 0.5'

GTA PROJECT NO: 120420-11

GTA SAMPLE NO: 6

DATE SAMPLED: 12/4/2020
TIME SAMPLED:DATE RECEIVED: 12/4/2020
TIME RECEIVED: 4:32 PM

SAMPLE MATRIX: SOIL

METALS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
ARSENIC TOTAL EPA 6020A	7.9	0.88	mg/Kg (PPM)	MR	12/8/2020	EPA 3050B
COPPER TOTAL EPA 6020A	9.7	0.88	mg/Kg (PPM)	MR	12/8/2020	EPA 3050B
LEAD TOTAL EPA 6020A	25	0.88	mg/Kg (PPM)	MR	12/8/2020	EPA 3050B

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COMPANY: OTWELL MAWBY, P.C.

NAME:

PROJECT NO: 20-343

LOCATION: KROUPA PROPERTY

MI

GTA PROJECT NO: 120420-

SAMPLED BY: ROB WINTERER/OMPC

DATE SAMPLED: 12/4/2020

TIME SAMPLED:

SAMPLE MATRIX: SOIL

DATE RECEIVED: 12/4/2020

TIME RECEIVED: 4:32 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: HA-1 @ 1'	% MOISTURE EPA 3550C	16	0.050	% OF SAMPLE	AS	12/4/2020
SAMPLE ID: HA-2 @ 0.5'	% MOISTURE EPA 3550C	9.2	0.050	% OF SAMPLE	AS	12/4/2020
SAMPLE ID: HA-3 @ 0.5'	% MOISTURE EPA 3550C	10	0.050	% OF SAMPLE	AS	12/4/2020
SAMPLE ID: HA-4 @ 0.5'	% MOISTURE EPA 3550C	9.6	0.050	% OF SAMPLE	AS	12/4/2020
SAMPLE ID: HA-5 @ 0.5'	% MOISTURE EPA 3550C	6.3	0.050	% OF SAMPLE	AS	12/4/2020
SAMPLE ID: HA-6 @ 0.5'	% MOISTURE EPA 3550C	7.2	0.050	% OF SAMPLE	AS	12/4/2020

CHAIN OF CUSTODY

PROJECT NUMBER 20-343	SITE NAME/ADDRESS Kroupa Property	COMPANY/NAME
SAMPLED BY Rob Winterer	COMPANY OMPC	GTA PROJECT # 120420-11

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	HA-1 @ 1'	12/4/20	PM	SOIL	Ar, Pb, Cu
2	HA-2 @ 0.5'				
3	HA-3 @ 0.5'				
4	HA-4 @ 0.5'				
5	HA-5 @ 0.5'				
6	HA-6 @ 0.5'				

BILL TO:

OMPC

REPORT TO:

jackson@otwellmarty.com

RELEASED BY

DATE/TIME

[Signature]

16:30 12/4/20

RECEIVED BY

DATE/TIME

[Signature]

12/4/20 4:32

REQUESTED TAT

☐ STANDARD

☐ 1 BUSINESS DAY

☐ 2 BUSINESS DAYS

☐ 3 BUSINESS DAYS