

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: MICHIGAN CONSULTING &
Name: ENVIRONMENTAL
ClientProj: 64664

Site Addr: 302 W. LUDINGTON AVENUE

GTA ProjNo: 110321-1

Sampled By: JR/DH - MCE
Date Rec: 11/3/2021
Time Rec: 9:20 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	HA-A 3'	11/2/2021		SOIL
2	HA-B 2.5'	11/2/2021		SOIL
3	HA-C 2.5'	11/2/2021		SOIL
4	HA-C 3'	11/2/2021		SOIL
5	HA-D 2.5'	11/2/2021		SOIL
6	HA-D 3'	11/2/2021		SOIL
7	HA-E 2'	11/2/2021		SOIL
8	HA-E 2.5'	11/2/2021		SOIL
9	HA-F 2'	11/2/2021		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: MICHIGAN CONSULTING &
ENVIRONMENTAL
PROJECT NO: 64664
LOCATION: 302 W. LUDINGTON AVENUE

MI

SAMPLE MATRIX: SOIL
SAMPLE ID: HA-A 3'

GTA PROJECT NO: 110321-1
GTA SAMPLE NO: 1

DATE SAMPLED: 11/2/2021
TIME SAMPLED:
DATE RECEIVED: 11/3/2021
TIME RECEIVED: 9:20 AM

SAMPLED BY: JR/DH - MCE

**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		11/2/2021	11/3/2021	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

COMPANY: MICHIGAN CONSULTING &
ENVIRONMENTAL
PROJECT NO: 64664
LOCATION: 302 W. LUDINGTON AVENUE

MI

SAMPLE MATRIX: SOIL
SAMPLE ID: HA-B 2.5'

GTA PROJECT NO: 110321-1
GTA SAMPLE NO: 2

DATE SAMPLED: 11/2/2021
TIME SAMPLED:
DATE RECEIVED: 11/3/2021
TIME RECEIVED: 9:20 AM

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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	11/2/2021	11/3/2021	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					

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COMPANY: MICHIGAN CONSULTING &
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PROJECT NO: 64664
LOCATION: 302 W. LUDINGTON AVENUE

MI

SAMPLE MATRIX: SOIL
SAMPLE ID: HA-C 3'

GTA PROJECT NO: 110321-1
GTA SAMPLE NO: 4

DATE SAMPLED: 11/2/2021
TIME SAMPLED:
DATE RECEIVED: 11/3/2021
TIME RECEIVED: 9:20 AM

SAMPLED BY: JR/DH - MCE

**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		11/2/2021	11/3/2021	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					

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COMPANY: MICHIGAN CONSULTING &
ENVIRONMENTAL
PROJECT NO: 64664
LOCATION: 302 W. LUDINGTON AVENUE

MI

SAMPLE MATRIX: SOIL
SAMPLE ID: HA-D 3'

GTA PROJECT NO: 110321-1
GTA SAMPLE NO: 6

DATE SAMPLED: 11/2/2021
TIME SAMPLED:
DATE RECEIVED: 11/3/2021
TIME RECEIVED: 9:20 AM

SAMPLED BY: JR/DH - MCE

**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		11/2/2021	11/3/2021	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					

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COMPANY: MICHIGAN CONSULTING &
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PROJECT NO: 64664
LOCATION: 302 W. LUDINGTON AVENUE

MI

SAMPLE MATRIX: SOIL
SAMPLE ID: HA-E 2.5'

GTA PROJECT NO: 110321-1
GTA SAMPLE NO: 8

DATE SAMPLED: 11/2/2021
TIME SAMPLED:
DATE RECEIVED: 11/3/2021
TIME RECEIVED: 9:20 AM

SAMPLED BY: JR/DH - MCE

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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	11/2/2021	11/3/2021	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					

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PROJECT NO: 64664
LOCATION: 302 W. LUDINGTON AVENUE

MI

SAMPLE MATRIX: SOIL
SAMPLE ID: HA-F 2'

GTA PROJECT NO: 110321-1
GTA SAMPLE NO: 9

DATE SAMPLED: 11/2/2021
TIME SAMPLED:
DATE RECEIVED: 11/3/2021
TIME RECEIVED: 9:20 AM

SAMPLED BY: JR/DH - MCE

**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		11/2/2021	11/3/2021	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					

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COMPANY: MICHIGAN CONSULTING &
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PROJECT NO: 64664
LOCATION: 302 W. LUDINGTON AVENUE

GTA PROJECT NO: 110321-1
GTA SAMPLE NO: 1

DATE SAMPLED: 11/2/2021
TIME SAMPLED:

SAMPLED BY: MI
JR/DH - MCE

DATE RECEIVED: 11/3/2021
TIME RECEIVED: 9:20 AM

SAMPLE MATRIX: SOIL
SAMPLE ID: HA-A 3'

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	11/8/2021	11/11/2021	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	400	330					
Fluorene	ND	330					
Indeno(123-cd)pyrene	ND	330					
2-Methylnaphthalene	ND	330					
Naphthalene	ND	330					
Phenanthrene	ND	330					
Pyrene	360	330					

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COMPANY: MICHIGAN CONSULTING &
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PROJECT NO: 64664
LOCATION: 302 W. LUDINGTON AVENUE

GTA PROJECT NO: 110321-1
GTA SAMPLE NO: 3

DATE SAMPLED: 11/2/2021
TIME SAMPLED:

SAMPLED BY: MI
JR/DH - MCE

DATE RECEIVED: 11/3/2021
TIME RECEIVED: 9:20 AM

SAMPLE MATRIX: SOIL
SAMPLE ID: HA-C 2.5'

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	11/8/2021	11/11/2021	EPA 3550B
Acenaphthylene	ND	330					
Anthracene	ND	330					
Benzo(a)anthracene	610	330					
Benzo(b)fluoranthene	470	330					
Benzo(k)fluoranthene	ND	330					
Benzo(a)pyrene	340	330					
Benzo(ghi)perylene	ND	330					
2-Chloronaphthalene	ND	330					
Chrysene	440	330					
Dibenz(ah)anthracene	ND	330					
Fluoranthene	1,900	330					
Fluorene	ND	330					
Indeno(123-cd)pyrene	ND	330					
2-Methylnaphthalene	ND	330					
Naphthalene	ND	330					
Phenanthrene	680	330					
Pyrene	1,500	330					

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COMPANY: MICHIGAN CONSULTING &
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PROJECT NO: 64664
LOCATION: 302 W. LUDINGTON AVENUE

GTA PROJECT NO: 110321-1
GTA SAMPLE NO: 5

DATE SAMPLED: 11/2/2021
TIME SAMPLED:

SAMPLED BY: MI
JR/DH - MCE

DATE RECEIVED: 11/3/2021
TIME RECEIVED: 9:20 AM

SAMPLE MATRIX: SOIL
SAMPLE ID: HA-D 2.5'

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	11/8/2021	11/11/2021	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: MICHIGAN CONSULTING &
ENVIRONMENTALPROJECT NO: 64664
LOCATION: 302 W. LUDINGTON AVENUEMI
SAMPLED BY: JR/DH - MCE

SAMPLE ID: HA-A 3'

GTA PROJECT NO: 110321-1

GTA SAMPLE NO: 1

DATE SAMPLED: 11/2/2021
TIME SAMPLED:DATE RECEIVED: 11/3/2021
TIME RECEIVED: 9:20 AM

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	5.8	0.60	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B
BARIUM TOTAL EPA 6020A	70	0.60	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B
CADMIUM TOTAL EPA 6020A	ND	0.60	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B
CHROMIUM TOTAL EPA 6020A	4.5	0.60	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B
COPPER TOTAL EPA 6020A	46	0.60	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B
LEAD TOTAL EPA 6020A	88	0.60	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B
MERCURY TOTAL EPA 7471B	0.59	0.030	mg/Kg (PPM)	MR	11/15/2021	EPA 7471
SELENIUM TOTAL EPA 6020A	4.3	0.60	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B
SILVER TOTAL EPA 6020A	ND	0.60	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B
ZINC TOTAL EPA 6020A	110	6.0	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B

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COMPANY: MICHIGAN CONSULTING &
ENVIRONMENTALPROJECT NO: 64664
LOCATION: 302 W. LUDINGTON AVENUEMI
SAMPLED BY: JR/DH - MCE

SAMPLE ID: HA-B 2.5'

GTA PROJECT NO: 110321-1

GTA SAMPLE NO: 2

DATE SAMPLED: 11/2/2021
TIME SAMPLED:DATE RECEIVED: 11/3/2021
TIME RECEIVED: 9:20 AM

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	2.2	0.37	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B
BARIUM TOTAL EPA 6020A	66	0.37	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B
CADMIUM TOTAL EPA 6020A	ND	0.37	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B
CHROMIUM TOTAL EPA 6020A	12	0.37	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B
COPPER TOTAL EPA 6020A	18	0.37	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B
LEAD TOTAL EPA 6020A	140	0.37	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B
MERCURY TOTAL EPA 7471B	0.77	0.016	mg/Kg (PPM)	MR	11/15/2021	EPA 7471
SELENIUM TOTAL EPA 6020A	2.3	0.37	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B
SILVER TOTAL EPA 6020A	ND	0.37	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B
ZINC TOTAL EPA 6020A	120	3.7	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B

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ENVIRONMENTALPROJECT NO: 64664
LOCATION: 302 W. LUDINGTON AVENUEMI
SAMPLED BY: JR/DH - MCE

SAMPLE ID: HA-C 2.5'

GTA PROJECT NO: 110321-1

GTA SAMPLE NO: 3

DATE SAMPLED: 11/2/2021
TIME SAMPLED:DATE RECEIVED: 11/3/2021
TIME RECEIVED: 9:20 AM

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	4.7	0.33	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B
BARIUM TOTAL EPA 6020A	110	0.33	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B
CADMIUM TOTAL EPA 6020A	0.59	0.33	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B
CHROMIUM TOTAL EPA 6020A	6.2	0.33	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B
COPPER TOTAL EPA 6020A	20	0.33	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B
LEAD TOTAL EPA 6020A	150	0.33	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B
MERCURY TOTAL EPA 7471B	0.35	0.020	mg/Kg (PPM)	MR	11/15/2021	EPA 7471
SELENIUM TOTAL EPA 6020A	1.8	0.33	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B
SILVER TOTAL EPA 6020A	ND	0.33	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B
ZINC TOTAL EPA 6020A	190	3.3	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B

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COMPANY: MICHIGAN CONSULTING &
ENVIRONMENTALPROJECT NO: 64664
LOCATION: 302 W. LUDINGTON AVENUEMI
SAMPLED BY: JR/DH - MCE

SAMPLE ID: HA-D 2.5'

GTA PROJECT NO: 110321-1

GTA SAMPLE NO: 5

DATE SAMPLED: 11/2/2021
TIME SAMPLED:DATE RECEIVED: 11/3/2021
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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	2.9	0.48	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B
BARIUM TOTAL EPA 6020A	300	0.48	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B
CADMIUM TOTAL EPA 6020A	ND	0.48	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B
CHROMIUM TOTAL EPA 6020A	10	0.48	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B
COPPER TOTAL EPA 6020A	54	0.48	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B
LEAD TOTAL EPA 6020A	820	2.4	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B
MERCURY TOTAL EPA 7471B	1.8	0.027	mg/Kg (PPM)	MR	11/15/2021	EPA 7471
SELENIUM TOTAL EPA 6020A	ND	0.48	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B
SILVER TOTAL EPA 6020A	ND	0.48	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B
ZINC TOTAL EPA 6020A	410	4.8	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B

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ENVIRONMENTALPROJECT NO: 64664
LOCATION: 302 W. LUDINGTON AVENUEMI
SAMPLED BY: JR/DH - MCE

SAMPLE ID: HA-E 2'

GTA PROJECT NO: 110321-1

GTA SAMPLE NO: 7

DATE SAMPLED: 11/2/2021
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TIME RECEIVED: 9:20 AM

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	11	0.45	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B
BARIUM TOTAL EPA 6020A	410	0.45	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B
CADMIUM TOTAL EPA 6020A	ND	0.45	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B
CHROMIUM TOTAL EPA 6020A	11	0.45	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B
COPPER TOTAL EPA 6020A	63	0.45	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B
LEAD TOTAL EPA 6020A	2,600	4.5	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B
MERCURY TOTAL EPA 7471B	0.16	0.024	mg/Kg (PPM)	MR	11/15/2021	EPA 7471
SELENIUM TOTAL EPA 6020A	0.47	0.45	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B
SILVER TOTAL EPA 6020A	ND	0.45	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B
ZINC TOTAL EPA 6020A	450	4.5	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

DISS = DISSOLVED

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: MICHIGAN CONSULTING &
ENVIRONMENTALPROJECT NO: 64664
LOCATION: 302 W. LUDINGTON AVENUEMI
SAMPLED BY: JR/DH - MCE

SAMPLE ID: HA-F 2'

GTA PROJECT NO: 110321-1

GTA SAMPLE NO: 9

DATE SAMPLED: 11/2/2021
TIME SAMPLED:DATE RECEIVED: 11/3/2021
TIME RECEIVED: 9:20 AM

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	0.92	0.27	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B
BARIUM TOTAL EPA 6020A	20	0.27	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B
CADMIUM TOTAL EPA 6020A	ND	0.27	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B
CHROMIUM TOTAL EPA 6020A	3.6	0.27	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B
COPPER TOTAL EPA 6020A	8.1	0.27	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B
LEAD TOTAL EPA 6020A	41	0.27	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B
MERCURY TOTAL EPA 7471B	0.064	0.018	mg/Kg (PPM)	MR	11/15/2021	EPA 7471
SELENIUM TOTAL EPA 6020A	1.2	0.27	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B
SILVER TOTAL EPA 6020A	ND	0.27	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B
ZINC TOTAL EPA 6020A	36	2.7	mg/Kg (PPM)	MR	11/10/2021	EPA 3050B

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COMPANY: MICHIGAN CONSULTING &
ENVIRONMENTALNAME:
PROJECT NO: 64664

LOCATION: 302 W. LUDINGTON AVENUE

MI

GTA PROJECT NO: 110321-

SAMPLED BY: JR/DH - MCE

DATE SAMPLED: 11/2/2021

SAMPLE MATRIX: SOIL

DATE RECEIVED: 11/3/2021
TIME RECEIVED: 9:20 AM**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-A 3' % MOISTURE EPA 3550C	40	0.050	% OF SAMPLE	AS	11/3/2021
SAMPLE ID: HA-B 2.5' % MOISTURE EPA 3550C	17	0.050	% OF SAMPLE	AS	11/3/2021
SAMPLE ID: HA-C 2.5' % MOISTURE EPA 3550C	14	0.050	% OF SAMPLE	AS	11/3/2021
SAMPLE ID: HA-C 3' % MOISTURE EPA 3550C	44	0.050	% OF SAMPLE	AS	11/3/2021
SAMPLE ID: HA-D 2.5' % MOISTURE EPA 3550C	32	0.050	% OF SAMPLE	AS	11/3/2021
SAMPLE ID: HA-D 3' % MOISTURE EPA 3550C	29	0.050	% OF SAMPLE	AS	11/3/2021
SAMPLE ID: HA-E 2' % MOISTURE EPA 3550C	25	0.050	% OF SAMPLE	AS	11/3/2021
SAMPLE ID: HA-E 2.5' % MOISTURE EPA 3550C	22	0.050	% OF SAMPLE	AS	11/3/2021
SAMPLE ID: HA-F 2' % MOISTURE EPA 3550C	5.9	0.050	% OF SAMPLE	AS	11/3/2021

CHAIN OF CUSTODY

PROJECT NUMBER 64664	SITE NAME/ADDRESS 302 W. Ludington Avenue	COMPANY/NAME MLE
SAMPLED BY J. Rossi / Doug Hull	COMPANY MLE	GTA PROJECT # 110321-1

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	HA-A 3'	11/2/21		Soil	Gas Scan VOCs, Mich 10 Metals, PNA's
2	HA-B 2.5'	"		"	Gas Scan VOCs, Mich Ten Metals,
3	HA-C 2.5'	"		"	" Mich 10 Metals, PNA's
4	HA-C 3'	"		"	Gas Scan VOCs
5	HA-D 2.5'	"		"	" Mich 10 Metals, PNA's
6	HA-D 3'	"		"	Gas Scan VOCs
7	HA-E 2'	"		"	" Mich 10 Metals
-8	HA-E 2.5'	"		"	Gas Scan VOCs
-9	HA-F 2'	"		"	Gas Scan VOCs, Mich 10 Metals

BILL TO: MLE	Temp Rec: ☒ 0.1°C	On Ice? ☒ Y ☐ N	REPORT TO: Jim Rossi
RELEASED BY James E. Rossi	DATE/TIME 11/3/21 9:17 am	RECEIVED BY [Signature]	DATE/TIME 11-3-21 9:20 A
REQUESTED TAT ☐ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS			