



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: 64884
GTA ProjNo: 110322-2

Site Addr: WISTRAND TRUST PARCEL
Sampled By: JR/DN - MCE
Date Rec: 11/3/2022
Time Rec: 12:17 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	B-1 0-6"	11/3/2022	8:52 AM	SOIL
2	B-2 0-6"	11/3/2022	8:40 AM	SOIL
3	B-3 0-6"	11/3/2022	9:05 AM	SOIL
4	B-4 0-6"	11/3/2022	9:20 AM	SOIL
5	B-5 0-6"	11/3/2022	9:45 AM	SOIL
6	B-6 0-6"	11/3/2022	9:32 AM	SOIL
7	B-7 0-6"	11/3/2022	9:55 AM	SOIL
8	B-8 0-6"	11/3/2022	10:05 AM	SOIL
9	B-9 0-6"	11/3/2022	10:18 AM	SOIL
10	B-10 0-6"	11/3/2022	10:28 AM	SOIL
11	B-11 0-6"	11/3/2022	10:40 AM	SOIL
12	B-12 0-6"	11/3/2022	10:52 AM	SOIL
13	B-13 0-6"	11/3/2022	11:02 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
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COMPANY: MICHIGAN CONSULTING & ENVIRONMENTAL
PROJECT NO: 64884
LOCATION: WISTRAND TRUST PARCEL

GTA PROJECT NO: 110322-
GTA SAMPLE NO: 1

DATE SAMPLED: 11/3/2022
TIME SAMPLED: 8:52 AM
DATE RECEIVED: 11/3/2022
TIME RECEIVED: 12:17 PM

SAMPLED BY: MI
JR/DN - MCE

SAMPLE MATRIX: SOIL

METALS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
SAMPLE ID: B-1 0-6"							
1	ARSENIC TOTAL EPA 6020A	1.6	0.38	mg/Kg (PPM)	MR	11/8/2022	EPA 3050B

ND = NOT DETECTED, RESULT < LOD.
LOD = LIMIT OF DETECTION
DISS = DISSOLVED



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COMPANY: MICHIGAN CONSULTING & ENVIRONMENTAL
 PROJECT NO: 64884
 LOCATION: WISTRAND TRUST PARCEL

GTA PROJECT NO: 110322-
 GTA SAMPLE NO: 2

DATE SAMPLED: 11/3/2022
 TIME SAMPLED: 8:40 AM
 DATE RECEIVED: 11/3/2022
 TIME RECEIVED: 12:17 PM

SAMPLED BY: MI
 JR/DN - MCE

SAMPLE MATRIX: SOIL

METALS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
SAMPLE ID: B-2 0-6"							
2	ARSENIC TOTAL EPA 6020A	1.7	0.37	mg/Kg (PPM)	MR	11/8/2022	EPA 3050B

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COMPANY: MICHIGAN CONSULTING & ENVIRONMENTAL
 PROJECT NO: 64884
 LOCATION: WISTRAND TRUST PARCEL

GTA PROJECT NO: 110322-
 GTA SAMPLE NO: 3

DATE SAMPLED: 11/3/2022
 TIME SAMPLED: 9:05 AM
 DATE RECEIVED: 11/3/2022
 TIME RECEIVED: 12:17 PM

SAMPLED BY: MI
 JR/DN - MCE

SAMPLE MATRIX: SOIL

METALS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
SAMPLE ID: B-3 0-6"							
3	ARSENIC TOTAL EPA 6020A	2.4	0.36	mg/Kg (PPM)	MR	11/8/2022	EPA 3050B

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COMPANY: MICHIGAN CONSULTING &
 ENVIRONMENTAL
 PROJECT NO: 64884
 LOCATION: WISTRAND TRUST PARCEL

GTA PROJECT NO: 110322-
 GTA SAMPLE NO: 4

DATE SAMPLED: 11/3/2022
 TIME SAMPLED: 9:20 AM
 DATE RECEIVED: 11/3/2022
 TIME RECEIVED: 12:17 PM

SAMPLED BY: MI
 JR/DN - MCE

SAMPLE MATRIX: SOIL

METALS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
SAMPLE ID: B-4 0-6"							
4	ARSENIC TOTAL EPA 6020A	2.6	0.41	mg/Kg (PPM)	MR	11/8/2022	EPA 3050B

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COMPANY: MICHIGAN CONSULTING &
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 PROJECT NO: 64884
 LOCATION: WISTRAND TRUST PARCEL

GTA PROJECT NO: 110322-
 GTA SAMPLE NO: 5

DATE SAMPLED: 11/3/2022
 TIME SAMPLED: 9:45 AM
 DATE RECEIVED: 11/3/2022
 TIME RECEIVED: 12:17 PM

SAMPLED BY: MI
 JR/DN - MCE

SAMPLE MATRIX: SOIL

METALS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
SAMPLE ID: B-5 0-6"							
5	ARSENIC TOTAL EPA 6020A	2.4	0.39	mg/Kg (PPM)	MR	11/8/2022	EPA 3050B

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COMPANY: MICHIGAN CONSULTING &
 ENVIRONMENTAL
 PROJECT NO: 64884
 LOCATION: WISTRAND TRUST PARCEL

GTA PROJECT NO: 110322-
 GTA SAMPLE NO: 6

DATE SAMPLED: 11/3/2022
 TIME SAMPLED: 9:32 AM
 DATE RECEIVED: 11/3/2022
 TIME RECEIVED: 12:17 PM

SAMPLED BY: MI
 JR/DN - MCE

SAMPLE MATRIX: SOIL

METALS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
SAMPLE ID: B-6 0-6"							
6	ARSENIC TOTAL EPA 6020A	ND	0.40	mg/Kg (PPM)	MR	11/8/2022	EPA 3050B

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COMPANY: MICHIGAN CONSULTING & ENVIRONMENTAL
 PROJECT NO: 64884
 LOCATION: WISTRAND TRUST PARCEL

GTA PROJECT NO: 110322-
 GTA SAMPLE NO: 7

DATE SAMPLED: 11/3/2022
 TIME SAMPLED: 9:55 AM
 DATE RECEIVED: 11/3/2022
 TIME RECEIVED: 12:17 PM

SAMPLED BY: MI
 JR/DN - MCE

SAMPLE MATRIX: SOIL

METALS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
SAMPLE ID: B-7 0-6"							
7	ARSENIC TOTAL EPA 6020A	1.3	0.33	mg/Kg (PPM)	MR	11/8/2022	EPA 3050B

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COMPANY: MICHIGAN CONSULTING & ENVIRONMENTAL
 PROJECT NO: 64884
 LOCATION: WISTRAND TRUST PARCEL

GTA PROJECT NO: 110322-
 GTA SAMPLE NO: 8

DATE SAMPLED: 11/3/2022
 TIME SAMPLED: 10:05 AM
 DATE RECEIVED: 11/3/2022
 TIME RECEIVED: 12:17 PM

SAMPLED BY: MI
 JR/DN - MCE

SAMPLE MATRIX: SOIL

METALS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
SAMPLE ID: B-8 0-6"							
8	ARSENIC TOTAL EPA 6020A	1.5	0.37	mg/Kg (PPM)	MR	11/8/2022	EPA 3050B

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COMPANY: MICHIGAN CONSULTING &
 ENVIRONMENTAL
 PROJECT NO: 64884
 LOCATION: WISTRAND TRUST PARCEL

GTA PROJECT NO: 110322-
 GTA SAMPLE NO: 9

DATE SAMPLED: 11/3/2022
 TIME SAMPLED: 10:18 AM
 DATE RECEIVED: 11/3/2022
 TIME RECEIVED: 12:17 PM

SAMPLED BY: MI
 JR/DN - MCE

SAMPLE MATRIX: SOIL

METALS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
SAMPLE ID: B-9 0-6"							
9	ARSENIC TOTAL EPA 6020A	1.9	0.36	mg/Kg (PPM)	MR	11/8/2022	EPA 3050B

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COMPANY: MICHIGAN CONSULTING & ENVIRONMENTAL
PROJECT NO: 64884
LOCATION: WISTRAND TRUST PARCEL

GTA PROJECT NO: 110322-
GTA SAMPLE NO: 10

DATE SAMPLED: 11/3/2022
TIME SAMPLED: 10:28 AM
DATE RECEIVED: 11/3/2022
TIME RECEIVED: 12:17 PM

SAMPLED BY: MI
JR/DN - MCE

SAMPLE MATRIX: SOIL

METALS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
SAMPLE ID: B-10 0-6"							
10	ARSENIC TOTAL EPA 6020A	3.0	0.35	mg/Kg (PPM)	MR	11/8/2022	EPA 3050B

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COMPANY: MICHIGAN CONSULTING &
 ENVIRONMENTAL
 PROJECT NO: 64884
 LOCATION: WISTRAND TRUST PARCEL

GTA PROJECT NO: 110322-
 GTA SAMPLE NO: 11

DATE SAMPLED: 11/3/2022
 TIME SAMPLED: 10:40 AM
 DATE RECEIVED: 11/3/2022
 TIME RECEIVED: 12:17 PM

SAMPLED BY: MI
 JR/DN - MCE

SAMPLE MATRIX: SOIL

METALS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
SAMPLE ID: B-11 0-6"							
11	ARSENIC TOTAL EPA 6020A	5.9	0.36	mg/Kg (PPM)	MR	11/8/2022	EPA 3050B

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COMPANY: MICHIGAN CONSULTING & ENVIRONMENTAL
PROJECT NO: 64884
LOCATION: WISTRAND TRUST PARCEL

GTA PROJECT NO: 110322-
GTA SAMPLE NO: 12

DATE SAMPLED: 11/3/2022
TIME SAMPLED: 10:52 AM
DATE RECEIVED: 11/3/2022
TIME RECEIVED: 12:17 PM

SAMPLED BY: MI
JR/DN - MCE

SAMPLE MATRIX: SOIL

METALS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
SAMPLE ID: B-12 0-6"							
12	ARSENIC TOTAL EPA 6020A	2.6	0.38	mg/Kg (PPM)	MR	11/8/2022	EPA 3050B

ND = NOT DETECTED, RESULT < LOD.
LOD = LIMIT OF DETECTION
DISS = DISSOLVED

COMPANY: MICHIGAN CONSULTING &
 ENVIRONMENTAL
 PROJECT NO: 64884
 LOCATION: WISTRAND TRUST PARCEL

GTA PROJECT NO: 110322-
 GTA SAMPLE NO: 13

DATE SAMPLED: 11/3/2022
 TIME SAMPLED: 11:02 AM
 DATE RECEIVED: 11/3/2022
 TIME RECEIVED: 12:17 PM

SAMPLED BY: MI
 JR/DN - MCE

SAMPLE MATRIX: SOIL

METALS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
SAMPLE ID:	B-13 0-6"						
13	ARSENIC TOTAL EPA 6020A	3.0	0.37	mg/Kg (PPM)	MR	11/8/2022	EPA 3050B

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 LOD = LIMIT OF DETECTION
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COMPANY: MICHIGAN CONSULTING & ENVIRONMENTAL

NAME:
PROJECT NO: 64884

LOCATION: WISTRAND TRUST PARCEL

MI

GTA PROJECT NO: 110322-

SAMPLED BY: JR/DN - MCE

DATE SAMPLED: 11/3/2022

SAMPLE MATRIX: SOIL

DATE RECEIVED: 11/3/2022
TIME RECEIVED: 12:17 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 0-6" % MOISTURE EPA 3550C	7.3	0.10	% OF SAMPLE	AS	11/3/2022
SAMPLE ID: B-2 0-6" % MOISTURE EPA 3550C	8.9	0.10	% OF SAMPLE	AS	11/3/2022
SAMPLE ID: B-3 0-6" % MOISTURE EPA 3550C	12	0.10	% OF SAMPLE	AS	11/3/2022
SAMPLE ID: B-4 0-6" % MOISTURE EPA 3550C	10	0.10	% OF SAMPLE	AS	11/3/2022
SAMPLE ID: B-5 0-6" % MOISTURE EPA 3550C	9.7	0.10	% OF SAMPLE	AS	11/3/2022
SAMPLE ID: B-6 0-6" % MOISTURE EPA 3550C	10	0.10	% OF SAMPLE	AS	11/3/2022
SAMPLE ID: B-7 0-6" % MOISTURE EPA 3550C	7.4	0.10	% OF SAMPLE	AS	11/3/2022
SAMPLE ID: B-8 0-6" % MOISTURE EPA 3550C	7.6	0.10	% OF SAMPLE	AS	11/3/2022
SAMPLE ID: B-9 0-6" % MOISTURE EPA 3550C	5.7	0.10	% OF SAMPLE	AS	11/3/2022
SAMPLE ID: B-10 0-6" % MOISTURE EPA 3550C	7.9	0.10	% OF SAMPLE	AS	11/3/2022
SAMPLE ID: B-11 0-6" % MOISTURE EPA 3550C	8.0	0.10	% OF SAMPLE	AS	11/3/2022
SAMPLE ID: B-12 0-6" % MOISTURE EPA 3550C	8.7	0.10	% OF SAMPLE	AS	11/3/2022
SAMPLE ID: B-13 0-6" % MOISTURE EPA 3550C	10	0.10	% OF SAMPLE	AS	11/3/2022

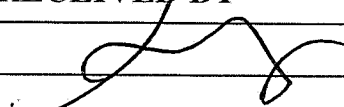
CHAIN OF CUSTODY

PROJECT NUMBER 64884	SITE NAME/ADDRESS Wistrand Trust Parcel	COMPANY/NAME Michigan Consulting & Env
SAMPLED BY J. Rossi / D. Nida	COMPANY MLE	GTA PROJECT # 110322-2

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
	B-1 0-6"	11/3/22	8:52	Soil	As
	B-2 0-6"	↓	8:40	↓	↓
	B-3 0-6"		9:05		
	B-4 0-6"		9:20		
	B-5 0-6"		9:45		
	B-6 0-6"		9:32		
	B-7 0-6"		9:55		
	B-8 0-6"		10:05		
	B-9 0-6"		10:18		
	B-10 0-6"		10:28		
	B-11 0-6"		10:40		
	B-12 0-6"		10:52		
	B-13 0-6"		11:02		

BILL TO: MLE	TempRec: <input type="checkbox"/> Y N	On Ice? <input type="checkbox"/> <input type="checkbox"/>	REPORT TO: Jim Rossi
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RELEASED BY James E. Rossi	DATE/TIME 11/3/22 12:17	RECEIVED BY 	DATE/TIME 11/3/22 12:17
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REQUESTED TAT STANDARD 1 BUSINESS DAY 2 BUSINESS DAYS 3 BUSINESS DAYS