



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: GRANGER GROUP
Name:
ClientProj: 64814
GTA ProjNo: 102422-7

Site Addr: ACME VACANT PARCELS
Sampled By: DN/JR/BP - MCE
Date Rec: 10/24/2022
Time Rec: 4:16 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	B-1	10/24/2022	9:10 AM	SOIL
2	B-2	10/24/2022	9:25 AM	SOIL
3	B-3	10/24/2022	9:40 AM	SOIL
4	B-4	10/24/2022	10:05 AM	SOIL
5	B-5	10/24/2022	10:20 AM	SOIL
6	B-6	10/24/2022	10:40 AM	SOIL
7	B-7	10/24/2022	10:55 AM	SOIL
8	B-8	10/24/2022	11:10 AM	SOIL
9	B-9	10/24/2022	11:30 AM	SOIL
10	B-10	10/24/2022	11:40 AM	SOIL
11	B-11	10/24/2022	1:20 PM	SOIL
12	B-12	10/24/2022	1:05 PM	SOIL
13	B-13	10/24/2022	12:55 PM	SOIL
14	B-14	10/24/2022	12:30 PM	SOIL
15	B-15	10/24/2022	12:40 PM	SOIL
16	B-16	10/24/2022	12:15 PM	SOIL
17	B-17	10/24/2022	12:05 PM	SOIL
18	B-18	10/24/2022	2:00 PM	SOIL
19	B-19	10/24/2022	2:20 PM	SOIL
20	B-20	10/24/2022	2:40 PM	SOIL
21	B-23 1'	10/24/2022	11:40 AM	SOIL
22	B-24 1'	10/24/2022	11:45 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: GRANGER GROUP
 PROJECT NO: 64814
 LOCATION: ACME VACANT PARCELS

GTA PROJECT NO: 102422-7
 GTA SAMPLE NO: 21
 DATE SAMPLED: 10/24/2022
 TIME SAMPLED: 11:40 AM
 DATE RECEIVED: 10/24/2022
 TIME RECEIVED: 4:16 PM

SAMPLED BY: DN/JR/BP - MCE
 SAMPLE MATRIX: SOIL

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

SAMPLE ID: B-23 1'

EPA 8260B VOLATILE ORGANICS

Units= ug/Kg (PPB) **Analyst=** MR **Date Extracted=** 10/24/2022 **Date Completed=** 10/31/2022 **Prep Method=** EPA 5035A

Analyte	Concentration	LOD	Analyte	Concentration	LOD
ACETONE	ND	1,000	cis-1,3-DICHLOROPROPENE	ND	50
ALLYL CHLORIDE	ND	250	trans-1,3-DICHLOROPROPENE	ND	50
BENZENE	ND	50	DIETHYL ETHER	ND	200
BROMOBENZENE	ND	100	ETHYLBENZENE	ND	50
BROMOCHLOROMETHANE	ND	100	ETHYL METHACRYLATE	ND	250
BROMODICHLOROMETHANE	ND	50	HEXACHLOROBUTADIENE	ND	50
BROMOFORM	ND	100	HEXACHLOROETHANE	ND	250
BROMOMETHANE	ND	200	2-HEXANONE	ND	2,500
n-BUTYLBENZENE	ND	50	IDOMETHANE	ND	250
s-BUTYLBENZENE	ND	50	ISOPROPYLBENZENE	ND	50
t-BUTYLBENZENE	ND	50	ISOPROPYLTOLUENE	ND	50
CARBON DISULFIDE	ND	250	METHYL ACRYLATE	ND	250
CARBON TETRACHLORIDE	ND	50	METHYL ETHYL KETONE	ND	750
CHLOROBENZENE	ND	50	METHYL-t-BUTYL ETHER	ND	250
1-CHLOROBUTANE	ND	100	METHYLENE CHLORIDE	ND	100
CHLOROFORM	ND	50	METHYL METHACRYLATE	ND	250
CHLOROETHANE	ND	250	MIBK	ND	2,500
CHLOROMETHANE	ND	250	2-METHYLNAPHTHALENE	ND	250
2-CHLOROTOLUENE	ND	50	NAPHTHALENE	ND	250
4-CHLOROTOLUENE	ND	50	PENTACHLOROETHANE	ND	250
DIBROMOCHLOROMETHANE	ND	100	n-PROPYLBENZENE	ND	50
DIBROMOMETHANE	ND	250	STYRENE	ND	50
1,2-DIBROMOETHANE	ND	20	1,1,1,2-TETRACHLOROETHANE	ND	100
1,2-DICHLOROBENZENE	ND	50	1,1,2,2-TETRACHLOROETHANE	ND	50
1,3-DICHLOROBENZENE	ND	50	TETRACHLOROETHENE	ND	50
1,4-DICHLOROBENZENE	ND	50	TOLUENE	ND	50
t-1,4-DICHLORO-2-BUTENE	ND	50	1,2,3-TRICHLOROBENZENE	ND	50
DICHLORODIFLUOROMETHANE	ND	250	1,2,4-TRICHLOROBENZENE	ND	250
1,1-DICHLOROETHANE	ND	50	1,1,1-TRICHLOROETHANE	ND	50
1,2-DICHLOROETHANE	ND	50	1,1,2-TRICHLOROETHANE	ND	50
1,1-DICHLOROETHENE	ND	50	TRICHLOROETHENE	ND	50
cis-1,2-DICHLOROETHENE	ND	50	TRICHLORFLUOROMETHANE	ND	100
trans-1,2-DICHLOROETHENE	ND	50	1,2,3-TRICHLOROPROPANE	ND	100
1,2-DICHLOROPROPANE	ND	50	1,2,4-TRIMETHYLBENZENE	ND	50
1,3-DICHLOROPROPANE	ND	50	1,3,5-TRIMETHYLBENZENE	ND	50
2,2-DICHLOROPROPANE	ND	50	VINYL CHLORIDE	ND	40
1,1-DICHLOROPROPENE	ND	50	XYLENE (TOTAL)	ND	150

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



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COMPANY: GRANGER GROUP
 PROJECT NO: 64814
 LOCATION: ACME VACANT PARCELS
 SAMPLED BY: DN/JR/BP - MCE
 SAMPLE MATRIX: SOIL

GTA PROJECT NO: 102422-7
 GTA SAMPLE NO: 22
 DATE SAMPLED: 10/24/2022
 TIME SAMPLED: 11:45 AM
 DATE RECEIVED: 10/24/2022
 TIME RECEIVED: 4:16 PM

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

SAMPLE ID: B-24 1'

EPA 8260B VOLATILE ORGANICS

Units= ug/Kg (PPB) **Analyst=** MR **Date Extracted=** 10/24/2022 **Date Completed=** 10/31/2022 **Prep Method=** EPA 5035A

Analyte	Concentration	LOD	Analyte	Concentration	LOD
ACETONE	ND	1,000	cis-1,3-DICHLOROPROPENE	ND	50
ALLYL CHLORIDE	ND	250	trans-1,3-DICHLOROPROPENE	ND	50
BENZENE	ND	50	DIETHYL ETHER	ND	200
BROMOBENZENE	ND	100	ETHYLBENZENE	ND	50
BROMOCHLOROMETHANE	ND	100	ETHYL METHACRYLATE	ND	250
BROMODICHLOROMETHANE	ND	50	HEXACHLOROBTADIENE	ND	50
BROMOFORM	ND	100	HEXACHLOROETHANE	ND	250
BROMOMETHANE	ND	200	2-HEXANONE	ND	2,500
n-BUTYLBENZENE	ND	50	IDOMETHANE	ND	250
s-BUTYLBENZENE	ND	50	ISOPROPYLBENZENE	ND	50
t-BUTYLBENZENE	ND	50	ISOPROPYLTOLUENE	ND	50
CARBON DISULFIDE	ND	250	METHYL ACRYLATE	ND	250
CARBON TETRACHLORIDE	ND	50	METHYL ETHYL KETONE	ND	750
CHLOROBENZENE	ND	50	METHYL-t-BUTYL ETHER	ND	250
1-CHLOROBUTANE	ND	100	METHYLENE CHLORIDE	ND	100
CHLOROFORM	ND	50	METHYL METHACRYLATE	ND	250
CHLOROETHANE	ND	250	MIBK	ND	2,500
CHLOROMETHANE	ND	250	2-METHYLNAPHTHALENE	ND	250
2-CHLOROTOLUENE	ND	50	NAPHTHALENE	ND	250
4-CHLOROTOLUENE	ND	50	PENTACHLOROETHANE	ND	250
DIBROMOCHLOROMETHANE	ND	100	n-PROPYLBENZENE	ND	50
DIBROMOMETHANE	ND	250	STYRENE	ND	50
1,2-DIBROMOETHANE	ND	20	1,1,1,2-TETRACHLOROETHANE	ND	100
1,2-DICHLOROBENZENE	ND	50	1,1,2,2-TETRACHLOROETHANE	ND	50
1,3-DICHLOROBENZENE	ND	50	TETRACHLOROETHENE	ND	50
1,4-DICHLOROBENZENE	ND	50	TOLUENE	ND	50
t-1,4-DICHLORO-2-BUTENE	ND	50	1,2,3-TRICHLOROBENZENE	ND	50
DICHLORODIFLUOROMETHANE	ND	250	1,2,4-TRICHLOROBENZENE	ND	250
1,1-DICHLOROETHANE	ND	50	1,1,1-TRICHLOROETHANE	ND	50
1,2-DICHLOROETHANE	ND	50	1,1,2-TRICHLOROETHANE	ND	50
1,1-DICHLOROETHENE	ND	50	TRICHLOROETHENE	ND	50
cis-1,2-DICHLOROETHENE	ND	50	TRICHLORFLUOROMETHANE	ND	100
trans-1,2-DICHLOROETHENE	ND	50	1,2,3-TRICHLOROPROPANE	ND	100
1,2-DICHLOROPROPANE	ND	50	1,2,4-TRIMETHYLBENZENE	ND	50
1,3-DICHLOROPROPANE	ND	50	1,3,5-TRIMETHYLBENZENE	ND	50
2,2-DICHLOROPROPANE	ND	50	VINYL CHLORIDE	ND	40
1,1-DICHLOROPROPENE	ND	50	XYLENE (TOTAL)	ND	150

ND = NOT DETECTED, RESULT IS <LOD.
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COMPANY: GRANGER GROUP
PROJECT NO: 64814
LOCATION: ACME VACANT PARCELS
MI
SAMPLED BY: DN/JR/BP - MCE
SAMPLE ID: B-1

GTA PROJECT NO: 102422-7
GTA SAMPLE NO: 1
DATE SAMPLED: 10/24/2022
TIME SAMPLED: 9:10 AM
DATE RECEIVED: 10/24/2022
TIME RECEIVED: 4:16 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	0.40	mg/Kg (PPM)	MR	11/1/2022	EPA 3050B
LEAD TOTAL EPA 6020A	8.4	0.40	mg/Kg (PPM)	MR	11/1/2022	EPA 3050B

ND = NOT DETECTED, RESULT < LOD
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DISS = DISSOLVED



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COMPANY: GRANGER GROUP
PROJECT NO: 64814
LOCATION: ACME VACANT PARCELS
MI
SAMPLED BY: DN/JR/BP - MCE
SAMPLE ID: B-2

GTA PROJECT NO: 102422-7
GTA SAMPLE NO: 2
DATE SAMPLED: 10/24/2022
TIME SAMPLED: 9:25 AM
DATE RECEIVED: 10/24/2022
TIME RECEIVED: 4:16 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	0.51	0.46	mg/Kg (PPM)	MR	11/1/2022	EPA 3050B
LEAD TOTAL EPA 6020A	6.7	0.46	mg/Kg (PPM)	MR	11/1/2022	EPA 3050B

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COMPANY: GRANGER GROUP
PROJECT NO: 64814
LOCATION: ACME VACANT PARCELS

MI
SAMPLED BY: DN/JR/BP - MCE

SAMPLE ID: B-3

GTA PROJECT NO: 102422-7
GTA SAMPLE NO: 3
DATE SAMPLED: 10/24/2022
TIME SAMPLED: 9:40 AM
DATE RECEIVED: 10/24/2022
TIME RECEIVED: 4:16 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	0.52	0.45	mg/Kg (PPM)	MR	11/1/2022	EPA 3050B
LEAD TOTAL EPA 6020A	7.8	0.45	mg/Kg (PPM)	MR	11/1/2022	EPA 3050B

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION

DISS = DISSOLVED

COMPANY: GRANGER GROUP
 PROJECT NO: 64814
 LOCATION: ACME VACANT PARCELS
 MI
 SAMPLED BY: DN/JR/BP - MCE
 SAMPLE ID: B-4

GTA PROJECT NO: 102422-7
 GTA SAMPLE NO: 4
 DATE SAMPLED: 10/24/2022
 TIME SAMPLED: 10:05 AM
 DATE RECEIVED: 10/24/2022
 TIME RECEIVED: 4:16 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	0.97	0.34	mg/Kg (PPM)	MR	11/1/2022	EPA 3050B
LEAD TOTAL EPA 6020A	3.7	0.34	mg/Kg (PPM)	MR	11/1/2022	EPA 3050B

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

COMPANY: GRANGER GROUP
 PROJECT NO: 64814
 LOCATION: ACME VACANT PARCELS
 MI
 SAMPLED BY: DN/JR/BP - MCE
 SAMPLE ID: B-5

GTA PROJECT NO: 102422-7
 GTA SAMPLE NO: 5
 DATE SAMPLED: 10/24/2022
 TIME SAMPLED: 10:20 AM
 DATE RECEIVED: 10/24/2022
 TIME RECEIVED: 4:16 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	1.9	0.36	mg/Kg (PPM)	MR	11/1/2022	EPA 3050B
LEAD TOTAL EPA 6020A	9.7	0.36	mg/Kg (PPM)	MR	11/1/2022	EPA 3050B

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COMPANY: GRANGER GROUP
PROJECT NO: 64814
LOCATION: ACME VACANT PARCELS
MI
SAMPLED BY: DN/JR/BP - MCE
SAMPLE ID: B-6

GTA PROJECT NO: 102422-7
GTA SAMPLE NO: 6
DATE SAMPLED: 10/24/2022
TIME SAMPLED: 10:40 AM
DATE RECEIVED: 10/24/2022
TIME RECEIVED: 4:16 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	0.43	mg/Kg (PPM)	MR	11/1/2022	EPA 3050B
LEAD TOTAL EPA 6020A	7.7	0.43	mg/Kg (PPM)	MR	11/1/2022	EPA 3050B

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION

DISS = DISSOLVED

COMPANY: GRANGER GROUP
 PROJECT NO: 64814
 LOCATION: ACME VACANT PARCELS
 MI
 SAMPLED BY: DN/JR/BP - MCE
 SAMPLE ID: B-7

GTA PROJECT NO: 102422-7
 GTA SAMPLE NO: 7
 DATE SAMPLED: 10/24/2022
 TIME SAMPLED: 10:55 AM
 DATE RECEIVED: 10/24/2022
 TIME RECEIVED: 4:16 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	0.38	mg/Kg (PPM)	MR	11/1/2022	EPA 3050B
LEAD TOTAL EPA 6020A	7.4	0.38	mg/Kg (PPM)	MR	11/1/2022	EPA 3050B

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COMPANY: GRANGER GROUP
PROJECT NO: 64814
LOCATION: ACME VACANT PARCELS
MI
SAMPLED BY: DN/JR/BP - MCE
SAMPLE ID: B-8

GTA PROJECT NO: 102422-7
GTA SAMPLE NO: 8
DATE SAMPLED: 10/24/2022
TIME SAMPLED: 11:10 AM
DATE RECEIVED: 10/24/2022
TIME RECEIVED: 4:16 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	1.3	0.40	mg/Kg (PPM)	MR	11/1/2022	EPA 3050B
LEAD TOTAL EPA 6020A	7.6	0.40	mg/Kg (PPM)	MR	11/1/2022	EPA 3050B

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COMPANY: GRANGER GROUP
PROJECT NO: 64814
LOCATION: ACME VACANT PARCELS
MI
SAMPLED BY: DN/JR/BP - MCE
SAMPLE ID: B-9

GTA PROJECT NO: 102422-7
GTA SAMPLE NO: 9
DATE SAMPLED: 10/24/2022
TIME SAMPLED: 11:30 AM
DATE RECEIVED: 10/24/2022
TIME RECEIVED: 4:16 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	1.1	0.42	mg/Kg (PPM)	MR	11/1/2022	EPA 3050B
LEAD TOTAL EPA 6020A	7.8	0.42	mg/Kg (PPM)	MR	11/1/2022	EPA 3050B

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

COMPANY: GRANGER GROUP
 PROJECT NO: 64814
 LOCATION: ACME VACANT PARCELS
 MI
 SAMPLED BY: DN/JR/BP - MCE
 SAMPLE ID: B-10

GTA PROJECT NO: 102422-7
 GTA SAMPLE NO: 10
 DATE SAMPLED: 10/24/2022
 TIME SAMPLED: 11:40 AM
 DATE RECEIVED: 10/24/2022
 TIME RECEIVED: 4:16 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	1.3	0.40	mg/Kg (PPM)	MR	11/1/2022	EPA 3050B
LEAD TOTAL EPA 6020A	5.2	0.40	mg/Kg (PPM)	MR	11/1/2022	EPA 3050B

ND = NOT DETECTED, RESULT < LOD
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COMPANY: GRANGER GROUP
 PROJECT NO: 64814
 LOCATION: ACME VACANT PARCELS
 MI
 SAMPLED BY: DN/JR/BP - MCE
 SAMPLE ID: B-11

GTA PROJECT NO: 102422-7
 GTA SAMPLE NO: 11
 DATE SAMPLED: 10/24/2022
 TIME SAMPLED: 1:20 PM
 DATE RECEIVED: 10/24/2022
 TIME RECEIVED: 4:16 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	1.2	0.38	mg/Kg (PPM)	MR	11/1/2022	EPA 3050B
LEAD TOTAL EPA 6020A	6.4	0.38	mg/Kg (PPM)	MR	11/1/2022	EPA 3050B

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COMPANY: GRANGER GROUP
PROJECT NO: 64814
LOCATION: ACME VACANT PARCELS

MI
SAMPLED BY: DN/JR/BP - MCE

SAMPLE ID: B-12

GTA PROJECT NO: 102422-7
GTA SAMPLE NO: 12
DATE SAMPLED: 10/24/2022
TIME SAMPLED: 1:05 PM
DATE RECEIVED: 10/24/2022
TIME RECEIVED: 4:16 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	1.0	0.40	mg/Kg (PPM)	MR	11/1/2022	EPA 3050B
LEAD TOTAL EPA 6020A	5.8	0.40	mg/Kg (PPM)	MR	11/1/2022	EPA 3050B

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LOD = LIMIT OF DETECTION

DISS = DISSOLVED



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COMPANY: GRANGER GROUP
PROJECT NO: 64814
LOCATION: ACME VACANT PARCELS

MI
SAMPLED BY: DN/JR/BP - MCE

SAMPLE ID: B-13

GTA PROJECT NO: 102422-7
GTA SAMPLE NO: 13
DATE SAMPLED: 10/24/2022
TIME SAMPLED: 12:55 PM
DATE RECEIVED: 10/24/2022
TIME RECEIVED: 4:16 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	0.38	mg/Kg (PPM)	MR	11/1/2022	EPA 3050B
LEAD TOTAL EPA 6020A	8.3	0.38	mg/Kg (PPM)	MR	11/1/2022	EPA 3050B

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION

DISS = DISSOLVED

COMPANY: GRANGER GROUP
 PROJECT NO: 64814
 LOCATION: ACME VACANT PARCELS
 MI
 SAMPLED BY: DN/JR/BP - MCE
 SAMPLE ID: B-14

GTA PROJECT NO: 102422-7
 GTA SAMPLE NO: 14
 DATE SAMPLED: 10/24/2022
 TIME SAMPLED: 12:30 PM
 DATE RECEIVED: 10/24/2022
 TIME RECEIVED: 4:16 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	1.5	0.46	mg/Kg (PPM)	MR	11/1/2022	EPA 3050B
LEAD TOTAL EPA 6020A	9.4	0.46	mg/Kg (PPM)	MR	11/1/2022	EPA 3050B

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

COMPANY: GRANGER GROUP
 PROJECT NO: 64814
 LOCATION: ACME VACANT PARCELS
 MI
 SAMPLED BY: DN/JR/BP - MCE
 SAMPLE ID: B-15

GTA PROJECT NO: 102422-7
 GTA SAMPLE NO: 15
 DATE SAMPLED: 10/24/2022
 TIME SAMPLED: 12:40 PM
 DATE RECEIVED: 10/24/2022
 TIME RECEIVED: 4:16 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	2.2	0.49	mg/Kg (PPM)	MR	11/1/2022	EPA 3050B
LEAD TOTAL EPA 6020A	13	0.49	mg/Kg (PPM)	MR	11/1/2022	EPA 3050B

ND = NOT DETECTED, RESULT < LOD
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INDEPENDENT TESTING LAB

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FAX: 231-929-0894

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COMPANY: GRANGER GROUP
PROJECT NO: 64814
LOCATION: ACME VACANT PARCELS

MI
SAMPLED BY: DN/JR/BP - MCE

SAMPLE ID: B-16

GTA PROJECT NO: 102422-7
GTA SAMPLE NO: 16
DATE SAMPLED: 10/24/2022
TIME SAMPLED: 12:15 PM
DATE RECEIVED: 10/24/2022
TIME RECEIVED: 4:16 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	0.73	0.40	mg/Kg (PPM)	MR	11/1/2022	EPA 3050B
LEAD TOTAL EPA 6020A	4.2	0.40	mg/Kg (PPM)	MR	11/1/2022	EPA 3050B
SELENIUM TOTAL EPA 6020A	ND	0.40	mg/Kg (PPM)	MR	11/1/2022	EPA 3050B

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COMPANY: GRANGER GROUP
PROJECT NO: 64814
LOCATION: ACME VACANT PARCELS

MI
SAMPLED BY: DN/JR/BP - MCE

SAMPLE ID: B-17

GTA PROJECT NO: 102422-7
GTA SAMPLE NO: 17
DATE SAMPLED: 10/24/2022
TIME SAMPLED: 12:05 PM
DATE RECEIVED: 10/24/2022
TIME RECEIVED: 4:16 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	1.0	0.37	mg/Kg (PPM)	MR	11/1/2022	EPA 3050B
LEAD TOTAL EPA 6020A	4.3	0.37	mg/Kg (PPM)	MR	11/1/2022	EPA 3050B
SELENIUM TOTAL EPA 6020A	ND	0.37	mg/Kg (PPM)	MR	11/1/2022	EPA 3050B

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION

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COMPANY: GRANGER GROUP
 PROJECT NO: 64814
 LOCATION: ACME VACANT PARCELS
 MI
 SAMPLED BY: DN/JR/BP - MCE
 SAMPLE ID: B-18

GTA PROJECT NO: 102422-7
 GTA SAMPLE NO: 18
 DATE SAMPLED: 10/24/2022
 TIME SAMPLED: 2:00 PM
 DATE RECEIVED: 10/24/2022
 TIME RECEIVED: 4:16 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	1.3	0.44	mg/Kg (PPM)	MR	11/1/2022	EPA 3050B
LEAD TOTAL EPA 6020A	6.7	0.44	mg/Kg (PPM)	MR	11/1/2022	EPA 3050B
SELENIUM TOTAL EPA 6020A	ND	0.44	mg/Kg (PPM)	MR	11/1/2022	EPA 3050B

ND = NOT DETECTED, RESULT < LOD
 LOD = LIMIT OF DETECTION

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COMPANY: GRANGER GROUP
 PROJECT NO: 64814
 LOCATION: ACME VACANT PARCELS
 MI
 SAMPLED BY: DN/JR/BP - MCE
 SAMPLE ID: B-19

GTA PROJECT NO: 102422-7
 GTA SAMPLE NO: 19
 DATE SAMPLED: 10/24/2022
 TIME SAMPLED: 2:20 PM
 DATE RECEIVED: 10/24/2022
 TIME RECEIVED: 4:16 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	0.80	0.44	mg/Kg (PPM)	MR	11/1/2022	EPA 3050B
LEAD TOTAL EPA 6020A	4.7	0.44	mg/Kg (PPM)	MR	11/1/2022	EPA 3050B
SELENIUM TOTAL EPA 6020A	ND	0.44	mg/Kg (PPM)	MR	11/1/2022	EPA 3050B

ND = NOT DETECTED, RESULT < LOD
 LOD = LIMIT OF DETECTION

DISS = DISSOLVED

COMPANY: GRANGER GROUP
 PROJECT NO: 64814
 LOCATION: ACME VACANT PARCELS
 MI
 SAMPLED BY: DN/JR/BP - MCE
 SAMPLE ID: B-20

GTA PROJECT NO: 102422-7
 GTA SAMPLE NO: 20
 DATE SAMPLED: 10/24/2022
 TIME SAMPLED: 2:40 PM
 DATE RECEIVED: 10/24/2022
 TIME RECEIVED: 4:16 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	0.78	0.45	mg/Kg (PPM)	MR	11/1/2022	EPA 3050B
LEAD TOTAL EPA 6020A	9.2	0.45	mg/Kg (PPM)	MR	11/1/2022	EPA 3050B
SELENIUM TOTAL EPA 6020A	ND	0.45	mg/Kg (PPM)	MR	11/1/2022	EPA 3050B

ND = NOT DETECTED, RESULT < LOD
 LOD = LIMIT OF DETECTION

DISS = DISSOLVED



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COMPANY: GRANGER GROUP

NAME:
PROJECT NO: 64814

LOCATION: ACME VACANT PARCELS

MI

GTA PROJECT NO: 102422-
SAMPLED BY: DN/JR/BP - MCE

DATE SAMPLED: 10/24/2022

SAMPLE MATRIX: SOIL

DATE RECEIVED: 10/24/2022
TIME RECEIVED: 4:16 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 % MOISTURE EPA 3550C	16	0.10	% OF SAMPLE	AS	10/24/2022
SAMPLE ID: B-2 % MOISTURE EPA 3550C	24	0.10	% OF SAMPLE	AS	10/24/2022
SAMPLE ID: B-3 % MOISTURE EPA 3550C	22	0.10	% OF SAMPLE	AS	10/24/2022
SAMPLE ID: B-4 % MOISTURE EPA 3550C	7.9	0.10	% OF SAMPLE	AS	10/24/2022
SAMPLE ID: B-5 % MOISTURE EPA 3550C	9.9	0.10	% OF SAMPLE	AS	10/24/2022
SAMPLE ID: B-6 % MOISTURE EPA 3550C	15	0.10	% OF SAMPLE	AS	10/24/2022
SAMPLE ID: B-7 % MOISTURE EPA 3550C	15	0.10	% OF SAMPLE	AS	10/24/2022
SAMPLE ID: B-8 % MOISTURE EPA 3550C	12	0.10	% OF SAMPLE	AS	10/24/2022
SAMPLE ID: B-9 % MOISTURE EPA 3550C	11	0.10	% OF SAMPLE	AS	10/24/2022
SAMPLE ID: B-10 % MOISTURE EPA 3550C	9.7	0.10	% OF SAMPLE	AS	10/24/2022
SAMPLE ID: B-11 % MOISTURE EPA 3550C	15	0.10	% OF SAMPLE	AS	10/24/2022
SAMPLE ID: B-12 % MOISTURE EPA 3550C	11	0.10	% OF SAMPLE	AS	10/24/2022
SAMPLE ID: B-13 % MOISTURE EPA 3550C	13	0.10	% OF SAMPLE	AS	10/24/2022
SAMPLE ID: B-14 % MOISTURE EPA 3550C	23	0.10	% OF SAMPLE	AS	10/24/2022



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COMPANY: GRANGER GROUP

NAME:
PROJECT NO: 64814

LOCATION: ACME VACANT PARCELS

MI

GTA PROJECT NO: 102422-
SAMPLED BY: DN/JR/BP - MCE

DATE SAMPLED: 10/24/2022

SAMPLE MATRIX: SOIL

DATE RECEIVED: 10/24/2022
TIME RECEIVED: 4:16 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-15 % MOISTURE EPA 3550C	29	0.10	% OF SAMPLE	AS	10/24/2022
SAMPLE ID: B-16 % MOISTURE EPA 3550C	9.5	0.10	% OF SAMPLE	AS	10/24/2022
SAMPLE ID: B-17 % MOISTURE EPA 3550C	10	0.10	% OF SAMPLE	AS	10/24/2022
SAMPLE ID: B-18 % MOISTURE EPA 3550C	15	0.10	% OF SAMPLE	AS	10/24/2022
SAMPLE ID: B-19 % MOISTURE EPA 3550C	19	0.10	% OF SAMPLE	AS	10/24/2022
SAMPLE ID: B-20 % MOISTURE EPA 3550C	27	0.10	% OF SAMPLE	AS	10/24/2022
SAMPLE ID: B-23 1' % MOISTURE EPA 3550C	19	0.10	% OF SAMPLE	AS	10/24/2022
SAMPLE ID: B-24 1' % MOISTURE EPA 3550C	32	0.10	% OF SAMPLE	AS	10/24/2022

CHAIN OF CUSTODY

PROJECT NUMBER G4814	SITE NAME/ADDRESS Acme Vacant Parcels	COMPANY/NAME Granger Group
SAMPLED BY DN/JSR/BP	COMPANY MCE	GTA PROJECT # 102422-7

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	B-1	10/24/22	9:10	Soil	As, Pb
2	B-2		9:25		
3	B-3		9:40		
4	B-4		10:05		
5	B-5		10:20		
6	B-6		10:40		
7	B-7		10:55		
8	B-8		11:10		
9	B-9		11:30		
10	B-10		11:40		
11	B-11		13:20		
12	B-12		13:05		
13	B-13		12:55		
14	B-14		12:30		
15	B-15		12:40		

BILL TO: MCE	TempRec: <input type="checkbox"/> On Ice? <input checked="" type="checkbox"/> 0.8°C	REPORT TO:
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RELEASED BY Daniel Nida	DATE/TIME 10/24/2022 4:16	RECEIVED BY [Signature]	DATE/TIME 10/24/22 4:16
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REQUESTED TAT STANDARD 1 BUSINESS DAY 2 BUSINESS DAYS 3 BUSINESS DAYS

