



**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

[www.gtanalytical.com](http://www.gtanalytical.com)

Company: GCES  
Name:  
ClientProj: 2023447001  
GTA ProjNo: 121523-11

Site Addr: SARAH T - ESA

Sampled By: BRENDAN RUPPEN/GCES  
Date Rec: 12/15/2023  
Time Rec: 3:18 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
5	SS-27	1/15/2023	12:00 PM	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: GCES  
PROJECT NO: 2023447001  
LOCATION: SARAH T - ESA  
MI  
SAMPLED BY: BRENDAN RUPPEN/GCES  
SAMPLE ID: SS-27  
GTA PROJECT NO: 121523-11  
GTA SAMPLE NO: 5  
DATE SAMPLED: 1/15/2023  
TIME SAMPLED: 12:00 PM  
DATE RECEIVED: 12/15/2023  
TIME RECEIVED: 3:18 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 SPLP EPA 6020A	0.013	0.0020	mg/L (PPM)	MR	1/12/2024	1312/3020A
ARSENIC TOTAL EPA 6020A	12	0.44	mg/Kg (PPM)	MR	12/22/2023	EPA 3050A

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

DISS = DISSOLVED



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COMPANY: GCES

NAME:  
PROJECT NO: 2023447001

LOCATION: SARAH T - ESA  
  
MI

GTA PROJECT NO: 121523-11  
SAMPLED BY: BRENDAN RUPPEN/GCES

DATE SAMPLED: 1/15/2023

SAMPLE SOIL

DATE RECEIVED: 12/15/2023  
TIME RECEIVED: 3:18 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: SS-27	% MOISTURE EPA 3550C	19	0.10	% OF SAMPLE	AS	12/15/2023

**CHAIN OF CUSTODY**

PROJECT NUMBER <b>2023447001</b>	SITE NAME/ADDRESS <b>Sarah T - ESA</b>	COMPANY/NAME <b>Sarah T</b>
SAMPLED BY <b>Brendan Ruppen</b>	COMPANY <b>G.C.E.S</b>	GTA PROJECT # <b>121523-11</b>

**SAMPLE INFORMATION**

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS	
1	SS-23	12/15/23	11:00	Soil	Total Arsenic	
2	SS-24		11:10			
3	SS-25		11:25			
4	SS-26		11:50			
5	SS-27		12:00			SPLP As Added AS
6	SS-28		12:50			1/2/24
7	SS-29		1:20			Chloride
8	SS-30		1:30			Chloride

BILL TO: <b>G.C.E.S</b>	TempRec: <input type="checkbox"/> <b>1.2°C</b>	On Ice? <input checked="" type="checkbox"/> <input type="checkbox"/>	REPORT TO: <b>A. Segerlind</b>
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RELEASED BY <b>[Signature]</b>	DATE/TIME <b>12/15/23 3:18</b>	RECEIVED BY <b>[Signature]</b>	DATE/TIME <b>12/15/23 3:18</b>
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REQUESTED TAT  STANDARD  1 BUSINESS DAY  2 BUSINESS DAYS  3 BUSINESS DAYS