

Appendix B



Terra Probe Environmental, Inc.

August 25, 2023

Tonia Hack

RE: GPR Report 108 Adams St & adjacent properties

Attached is a report describing the GPR findings and Private Utility Mark Out for the above mentioned property. I, Patrick Hogan was on site Tuesday August 21, 2023 for the field work. I met Monica Dostert on site at 8:00am . The weather conditions were mild and sunny.

Background:

Terra Probe Environmental, Inc. owns and operates Geoprobe equipment to perform soil and water sampling. This also includes locating lines, finding underground storage tanks, locating previously excavated areas, metal detection, and general GPR scans.

We use the following methods to clear each boring location and to help identify former potential tanks:

Visual observations

Discussion with knowledgeable personnel when available.

Print review when available.

EM Scan using Radio Detection RD 700 Receiver and a TX10 Transmitter.

Ground Penetrating Radar Scan using a Mala Easy Locator and StructureScan mini

Site Description:

The site contains multiple properties surrounded by 11th St to the north, North Madison to the east, Columbus Ave to the south, and Adams St. to the west. North Jefferson splits the properties. It appears the properties are a farmers market with an open air large steel structure, a former restaurant, multiple vacant properties and a former YMCA. I did not have access to any phase I reports. The sites marked for investigation were labeled A-H on PM's Figure 3. For ease and simplicity I will address each site as PM labeled them.

**Terra Probe
Environmental, Inc.**

Property A: This property is at the NW corner of Columbus and North Madison. It is currently a paved parking lot

Utilities:

Ohio Utility Protection Services (OUPS) did clear the site, but gas was the only public utility on site and was located in the ROW of North Madison. Water is located within Columbus St.

A former sign was located at the corner of the property but there is no electricity currently going to it. To the best of my abilities and given my equipment capabilities there appears to be no underground utilities or anomalies.



Top: Looking SW at former sign post in property A
Bottom: Just vacant parking lot with nothing else to report

**Terra Probe
Environmental, Inc.**

Property B: This property is at the SE corner of 11th St. and North Jefferson St. It is currently a closed YMCA

Utilities:

Ohio Utility Protection Services (OUPS) did clear the site, but gas was the only public utility on site and was located in the ROW of both North Jefferson and 11th St. To the best of my abilities and given my equipment capabilities there appears to be no other underground utilities or anomalies.



Looking SE at the NW corner of the YMCA

**Terra Probe
Environmental, Inc.**

Property C: This property is at the SW corner of 11th St. and North Jefferson St. It is currently a vacant parking lot

Utilities:

Ohio Utility Protection Services (OUPS) did clear the site. There is a utility corridor running north-south in the alley to the west of this property. The alley runs between here and property H (market) Gas, Water, Storm, Communications, and Overhead Electric run down this corridor. These do not interfere with boring locations. To the best of my abilities and given my equipment capabilities there appears to be no other underground utilities or anomalies.



Looking S at property C. This is boring location C1

**Terra Probe
Environmental, Inc.**

Property D: This property is on North Jefferson and is a former restaurant.

Utilities:

Ohio Utility Protection Services (OUPS) did clear the site. There is a utility corridor running north-south in the alley to the west of this property. The alley runs between here and property H (market) Gas, Water, Storm, Communications, and Overhead Electric run down this corridor. These do not interfere with boring locations. This property had a more extensive GPR grid search performed. A 5'x5' grid was performed covering the shaded area of PM's Figure 3. Gas ran east from the building to North Jefferson. Water came into the building from the west connecting the utility corridor mentioned above. The site's exterior parking lot was asphalted, but a majority of the site was concrete at one point. GPR showed the steel reinforcing and was confirmed with borings while I was on site. A former truck scale was located on the west side of the building. This too was asphalted over, but is still in place. No evidence of tanks, or former excavations were shown from the GPR. A large swath of former concrete was removed directly to the east of the building and this was the best placement for a boring given the lack of evidence of former tanks on site. GPR was unable to be performed inside due to extensive basement and crawl space under building.

To the best of my abilities and given my equipment capabilities there appears to be no other underground utilities or anomalies.



Looking East at building showing utility corridor

**Terra Probe
Environmental, Inc.**



Top: Looking W at building within Property D
Middle: Large furnace under center of building
Bottom: One of many crawl spaces

**Terra Probe
Environmental, Inc.**

Property E: This property is on North Jefferson and is currently just a paved lot south of Property D.

Utilities:

Ohio Utility Protection Services (OUPS) did clear the site. There is a utility corridor running north-south in the alley to the west of this property. The alley runs between here and property H (market) Gas, Water, Storm, Communications, and Overhead Electric run down this corridor. These do not interfere with boring locations. To the best of my abilities and given my equipment capabilities there appears to be no other underground utilities or anomalies.



Looking NW at the building from property E

**Terra Probe
Environmental, Inc.**

Property F: This property is on North Jefferson and is currently multiple vacant grassy lots south of Property E.

Utilities:

Ohio Utility Protection Services (OUPS) did clear the site. There is a utility corridor running north-south in the alley to the west of this property. The alley runs between here and property H (market) Gas, Water, Storm, Communications, and Overhead Electric run down this corridor. These do not interfere with boring locations. To the best of my abilities and given my equipment capabilities there appears to be no other underground utilities or anomalies.



looking N at building from Property F

**Terra Probe
Environmental, Inc.**

Property G: This property is north of Columbus Ave and is a grassy/paved vacant lot

Utilities:

Ohio Utility Protection Services (OUPS) did clear the site. There is a utility corridor running north-south in the alley to the west of this property. The alley runs between here and property H (market) Gas, Water, Storm, Communications, and Overhead Electric run down this corridor. There also communications and Electric in the ROW of Columbus Ave. These do not interfere with boring locations. To the best of my abilities and given my equipment capabilities there appears to be no other underground utilities or anomalies.



Standing in Columbus Ave. looking N at building from Property G

**Terra Probe
Environmental, Inc.**

Property H: This property is at the NE corner of Adams St. and Columbus Ave.

Utilities:

Ohio Utility Protection Services (OUPS) did clear the site. There is a utility corridor running north-south in the alley to the east of this property. The alley runs between here and property D (market) Gas, Water, Storm, Communications, and Overhead Electric run down this corridor. These do not interfere with boring locations. There is a storm water sewer system here as well. However, it has not been maintained and I was unable to GPR the lines. I suspect it has old clay tile that does not reflect radar well. Electric comes in overhead and remind above ground. To the best of my abilities and given my equipment capabilities there appears to be no other underground utilities or anomalies. a majority of this site is asphalt over concrete.



Top: Asphalt under the covered roof
Bottom: Electrical panel, all above ground.

**Terra Probe
Environmental, Inc.**

In summary To the best of my abilities and given my equipment capabilities there appears to be no conflict with the boring locations I cleared on site. There is no evidence of any underground storage tanks. Please reach out if you have any questions or need further information on the findings. See attached photos for more information.

Sincerely,

A handwritten signature in black ink, appearing to read "Patrick Hogan", with a horizontal line extending from the end of the signature.

Patrick Hogan
Utility Locator/GPR

Appendix C





Sheet: 1 of 1



Project No.: 01-14761-0-0002

Project Name: 108 Adams Street Site

Address: 108 Adams Street, Bay City, MI

Facility ID#:

Date Drilled: 8/22/2023

Logged By: MD

Boring Log .

Boring No.: A-2

Drill Rig: Geoprobe

Drilling Method: Direct

Sampling Method: Grab

Drilling Contractor: TP

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
		ASPHALT				
		SW- (Loose) GRAVELLY SAND (damp) Brown, fine-coarse, well graded	A-2	50	0.0	
		SC- (Soft) SANDY CLAY (moist) Brown, medium plasticity, trace gravel	0.5' - 1.5'	50	0.0	
2				50	0.0	
				50	0.0	
4		CL- (Stiff) CLAY (damp) Brown Mottled Gray, medium plasticity, trace gravel		50	0.0	
				100	0.0	
6		CL- (Stiff) CLAY (damp) Brown, medium plasticity, trace gravel		100	0.0	
				100	0.0	
8				100	0.0	
				100	0.0	
10						

Completion Notes: E.O.B. @ 10' BGS

Legend:

EOB End of Boring
Bgs. Below Ground Surface
NR No Recovery
NA Not Applicable
ft Feet



Project No.: 01-14761-0-0002

Boring Log .

Project Name: 108 Adams Street Site

Boring No.: A-3

Address: 108 Adams Street, Bay City, MI

Drill Rig: Geoprobe

Facility ID#:

Drilling Method: Direct

Date Drilled: 8/22/2023

Sampling Method: Grab

Logged By: MD

Drilling Contractor: TP

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
		ASPHALT				
		SW- (Loose) GRAVELLY SAND (damp) Brown, fine-coarse, well graded		60	0.0	
		SC- (Soft) CLAY (damp) Brown, with some sand, medium plasticity, trace gravel		60	0.0	
2				60	0.0	
		CL- (Stiff) CLAY (damp) Brown, medium plasticity, trace gravel		60	0.0	
4				100	0.0	
			A-3 5' - 6'	100	0.0	
6				100	0.0	
		CL- (Stiff) CLAY (damp) Brown Mottled Gray, medium plasticity, trace gravel		100	0.0	
8				100	0.0	
			A-3 9' - 10'	100	0.0	
10						

Completion Notes: E.O.B. @ 10' BGS

Legend:

EOB End of Boring
Bgs. Below Ground Surface
NR No Recovery
NA Not Applicable
ft Feet



Project No.: 01-14761-0-0002

Boring Log .

Project Name: 108 Adams Street Site

Boring No.: A-4

Address: 108 Adams Street, Bay City, MI

Drill Rig: Geoprobe

Facility ID#:

Drilling Method: Direct

Date Drilled: 8/22/2023

Sampling Method: Grab

Logged By: MD

Drilling Contractor: TP

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
		TOPSOIL				
		SC- (Medium Loose) CLAYEY SAND (damp) Dark Brown, fine- medium, well graded		50	0.0	
		CL- (Soft) SANDY CLAY (damp) Brown, medium plasticity, trace gravel		50	0.0	
2				50	0.0	
				50	0.0	
4		CL- (Stiff) CLAY (damp) Brown Mottled Gray, medium plasticity, trace gravel		100	0.0	
			A-4 5' - 6'	100	0.0	
6				100	0.0	
		CL- (Stiff) CLAY (damp) Brown, medium plasticity, trace gravel		100	0.0	
8				100	0.0	
			A-4 9' - 10'	100	0.0	
10						

Completion Notes: E.O.B. @ 10' BGS

Legend:

EOB End of Boring
Bgs. Below Ground Surface
NR No Recovery
NA Not Applicable
ft Feet



Project No.: 01-14761-0-0002

Boring Log .

Project Name: 108 Adams Street Site

Boring No.: A-5

Address: 108 Adams Street, Bay City, MI

Drill Rig: Geoprobe

Facility ID#:

Drilling Method: Direct

Date Drilled: 8/22/2023

Sampling Method: Grab

Logged By: MD

Drilling Contractor: TP

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
		ASPHALT				
		CL- (Soft) SANDY CLAY (moist) Dark Brownish Gray, medium plasticity, trace gravel		55	0.0	
				55	0.0	
2		CL- (Soft) CLAY (damp) Brown, with some sand, medium plasticity, trace gravel		55	0.0	
				55	0.0	
4				60	0.0	
		CL- (Soft) SANDY CLAY (damp) Brown, medium plasticity, trace gravel	A-5	60	0.0	
6			5' - 6'	60	0.0	
				60	0.0	
8				10	0.0	
			A-5	1	0.1	
10			9' - 10'			

Completion Notes: E.O.B. @ 10' BGS

Legend:

EOB End of Boring
Bgs. Below Ground Surface
NR No Recovery
NA Not Applicable
ft Feet



Project No.: 01-14761-0-0002

Project Name: 108 Adams Street Site

Address: 108 Adams Street, Bay City, MI

Facility ID#:

Date Drilled: 8/22/2023

Logged By: MD

Boring Log .

Boring No.: A-6

Drill Rig: Geoprobe

Drilling Method: Direct

Sampling Method: Grab

Drilling Contractor: TP

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
		ASPHALT				
		SW- (Loose) GRAVELLY SAND (damp) Brown, fine- coarse, well graded	A-6	50	0.0	
		CL- (Soft) CLAY (damp) Brown, with some sand, medium plasticity, trace gravel	0.5' - 1.5'	50	0.0	
2				50	0.0	
				50	0.0	
4				50	0.0	
			A-6	90	0.0	
		CL- (Soft) SANDY CLAY (moist) Brown, medium plasticity, trace gravel	4.5' - 5.5'	90	0.0	
6		CL- (Medium Stiff) CLAY (damp) Brown, medium plasticity, trace gravel		90	0.0	
				90	0.0	
8		CL- (Stiff) CLAY (damp) Brown, medium plasticity, trace gravel		100	0.0	
				100	0.0	
10						

Completion Notes: E.O.B. @ 10' BGS

Legend:

EOB End of Boring
Bgs. Below Ground Surface
NR No Recovery
NA Not Applicable
ft Feet



Project No.: 01-14761-0-0002

Boring Log .

Project Name: 108 Adams Street Site

Boring No.: A-7

Address: 108 Adams Street, Bay City, MI

Drill Rig: Geoprobe

Facility ID#:


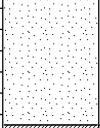
Drilling Method: Direct

Date Drilled: 8/22/2023

Sampling Method: Grab

Logged By: MD

Drilling Contractor: TP

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
		ASPHALT				
		SW- (Loose) SAND (damp) Brown, fine- medium, well graded		50	0.0	
			A-7			
				50	0.0	
2		CL- (Soft) SANDY CLAY (damp) Dark Brownish Gray, medium plasticity, trace gravel	1' - 2'			
				50	0.0	
				50	0.0	
				100	0.0	
			A-7			
				100	0.0	
6		CL- (Medium Stiff) CLAY (damp) Brown, with some sand, medium plasticity, trace gravel	5' - 6'			
				100	0.0	
				100	0.0	
8		CL- (Stiff) CLAY (damp) Brown, with some sand, medium plasticity, trace gravel				
				100	0.0	
				100	0.0	
10						

Completion Notes: E.O.B. @ 10' BGS

Legend:

EOB End of Boring
Bgs. Below Ground Surface
NR No Recovery
NA Not Applicable
ft Feet



Project No.: 01-14761-0-0002

Boring Log .

Project Name: 108 Adams Street Site

Boring No.: A-8

Address: 108 Adams Street, Bay City, MI

Drill Rig: Geoprobe

Facility ID#:

Drilling Method: Direct

Date Drilled: 8/22/2023

Sampling Method: Grab

Logged By: MD

Drilling Contractor: TP

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
		TOPSOIL				
		SW- (Medium Loose) CLAYEY SAND (damp) Dark brown, fine- medium, well graded		60	0.0	
				60	0.0	
2		CL- (Soft) SANDY CLAY (damp) Brown, medium plasticity, trace gravel	A-8 1.5 - 2.5'	60	0.0	
				60	0.0	
4		CL- (Stiff) CLAY (damp) Brown Mottled Gray, medium plasticity, trace gravel		100	0.0	
				100	0.0	
6				100	0.0	
		CL- (Stiff) CLAY (damp) Brown, medium plasticity, trace gravel		100	0.0	
8				100	0.0	
				100	0.0	
10						

Completion Notes: E.O.B. @ 10' BGS

Legend:

EOB End of Boring
Bgs. Below Ground Surface
NR No Recovery
NA Not Applicable
ft Feet



Project No.: 01-14761-0-0002

Project Name: 108 Adams Street Site

Address: 108 Adams Street, Bay City, MI

Facility ID#:

Date Drilled: 8/22/2023

Logged By: MD

Boring Log .

Boring No.: A-9

Drill Rig: Geoprobe

Drilling Method: Direct

Sampling Method: Grab

Drilling Contractor: TP

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
		ASPHALT				
		SW- (Loose) GRAVELLY SAND (damp) Brown, fine- coarse, well graded	A-9	40	0.0	
		CL- (Soft) SANDY CLAY (moist) Dark brown, medium plasticity, trace gravel	0.5' - 1.5'	40	0.0	
2		CL- (Soft) SANDY CLAY (damp) Dark brown, medium plasticity, trace gravel		40	0.0	
				40	0.0	
4		CL- (Soft) SANDY CLAY (moist) Dark brown, medium plasticity, trace gravel		100	0.0	
			A-9			
			4.5' - 5.5'	100	0.0	
6		CL- (Stiff) CLAY (damp) Brown, medium plasticity, trace gravel		100	0.0	
				100	0.0	
				100	0.0	
8				100	0.0	
				100	0.0	
10						

Completion Notes: E.O.B. @ 10' BGS

Legend:

EOB End of Boring
Bgs. Below Ground Surface
NR No Recovery
NA Not Applicable
ft Feet



Project No.: 01-14761-0-0002

Boring Log .

Project Name: 108 Adams Street Site

Boring No.: B-2

Address: 108 Adams Street, Bay City, MI

Drill Rig: Geoprobe

Facility ID#:

Drilling Method: Direct

Date Drilled: 8/22/2023

Sampling Method: Grab

Logged By: MD

Drilling Contractor: TP

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
		TOPSOIL				
		SW- (Soft) SANDY CLAY (damp) Brown, medium plasticity, trace gravel		70	0.0	
			B-2	70	0.0	
2			1' - 2'			
		CL- (Medium Stiff) SANDY CLAY (damp) Brown, medium plasticity, trace gravel		70	0.0	
				70	0.0	
4				70	0.0	
				70	0.0	
6						

Completion Notes: E.O.B. @ 5' BGS

Legend:

EOB End of Boring
Bgs. Below Ground Surface
NR No Recovery
NA Not Applicable
ft Feet



Project No.: 01-14761-0-0002

Project Name: 108 Adams Street Site

Address: 108 Adams Street, Bay City, MI

Facility ID#:

Date Drilled: 8/22/2023

Logged By: MD

Boring Log .

Boring No.: B-1

Drill Rig: Geoprobe

Drilling Method: Direct

Sampling Method: Grab

Drilling Contractor: TP

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
		TOPSOIL				
		SW- (Soft) SANDY CLAY (damp) Brown, medium plasticity, trace gravel		80	0.0	
			B-1	80	0.0	
			1' - 2'			
2		CL- (Medium Stiff) CLAY (damp) Brown, with some clay, medium plasticity, trace gravel		80	0.0	
				80	0.0	
4				80	0.0	
6						

Completion Notes: E.O.B. @ 5' BGS

Legend:

EOB End of Boring
Bgs. Below Ground Surface
NR No Recovery
NA Not Applicable
ft Feet



Project No.: 01-14761-0-0002

Project Name: 108 Adams Street Site

Address: 108 Adams Street, Bay City, MI

Facility ID#:

Date Drilled: 8/22/2023

Logged By: MD

Boring Log .


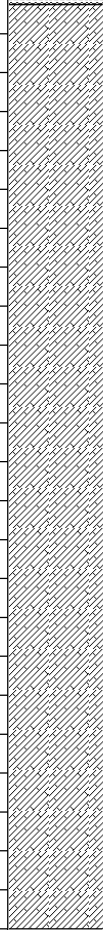
Boring No.: B-3

Drill Rig: Geoprobe

Drilling Method: Direct

Sampling Method: Grab

Drilling Contractor: TP

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
		ASPHALT				
		SW- (Soft) SANDY CLAY (damp) Brown, medium plasticity, trace gravel		50	0.0	
			B-3	50	0.0	
2			1' - 2'	50	0.0	
				50	0.0	
				50	0.0	
4				50	0.0	
				50	0.0	
				50	0.0	
6						

Completion Notes: E.O.B. @ 5' BGS

Legend:

EOB End of Boring
Bgs. Below Ground Surface
NR No Recovery
NA Not Applicable
ft Feet



Project No.: 01-14761-0-0002

Boring Log .

Project Name: 108 Adams Street Site

Boring No.: C-1

Address: 108 Adams Street, Bay City, MI

Drill Rig: Geoprobe

Facility ID#:

Drilling Method: Direct

Date Drilled: 8/22/2023

Sampling Method: Grab

Logged By: MD

Drilling Contractor: TP

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
	ASPHALT			50	0.0	
	CONCRETE			50	0.0	
	SW- (Soft) SANDY CLAY (moist)	Dark Brown, medium plasticity, trace gravel		50	0.0	
2				50	0.0	
				50	0.0	
4			C-1	100	0.0	
	CL- (Soft) CLAY (damp)	Brownish Gray, with some sand, medium plasticity, trace gravel	4' - 5'	100	0.0	
6				100	0.0	
	CL- (Stiff) CLAY (damp)	Brownish Gray, with some sand, medium plasticity, trace gravel		100	0.0	
8				100	0.0	
	CL- (Medium Stiff) CLAY (damp)	Brownish Gray, with some sand, medium plasticity, trace gravel		100	0.0	
10				100	0.0	
	CL- (Stiff) CLAY (damp)	Brownish Gray, with some sand, medium plasticity, trace gravel		80	0.0	
12				80	0.0	
				80	0.0	
14				80	0.0	
16		Clay too stiff to go deeper				

Completion Notes: E.O.B. @ 15' BGS

Legend:

EOB End of Boring
 Bgs. Below Ground Surface
 NR No Recovery
 NA Not Applicable
 ft Feet



Project No.: 01-14761-0-0002

Boring Log .

Project Name: 108 Adams Street Site

Boring No.: C-2

Address: 108 Adams Street, Bay City, MI

Drill Rig: Geoprobe

Facility ID#:

Drilling Method: Direct

Date Drilled: 8/22/2023

Sampling Method: Grab

Logged By: MD

Drilling Contractor: TP

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
		ASPHALT				
		SW- (Loose) GRAVELLY SAND (damp) Brown, fine-coarse, well graded	C-2	40	0.0	
			0.5' - 1.5'	40	0.0	
2		SW- (Dense) SILTY SAND (damp) Dark Brown, fine-medium, well graded, trace gravel		40	0.0	
				40	0.0	
4		CL- (Soft) SANDY CLAY (damp) Brownish Gray, medium plasticity, trace gravel	C-2	100	0.0	
		CL- (Stiff) CLAY (damp) Gray Mottled Brown, medium plasticity, trace gravel	4' - 5'	100	0.0	
6				100	0.0	
				100	0.0	
8				100	0.0	
				100	0.0	
10				100	0.0	
				100	0.0	
12				100	0.0	
				100	0.0	
14				100	0.0	
				100	0.0	
16		Clay too stiff to go deeper				

Completion Notes: E.O.B. @ 15' BGS

Legend:

EOB End of Boring
Bgs. Below Ground Surface
NR No Recovery
NA Not Applicable
ft Feet



Project No.: 01-14761-0-0002

Project Name: 108 Adams Street Site

Address: 108 Adams Street, Bay City, MI

Facility ID#:

Date Drilled: 8/22/2023

Logged By: MD

Boring Log .

Boring No.: C-3

Drill Rig: Geoprobe

Drilling Method: Direct

Sampling Method: Grab

Drilling Contractor: TP

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
		ASPHALT				
		SW- (Loose) GRAVELLY SAND (damp) Brown, fine-coarse, well graded	C-3 0.5' - 1.5'	40	0.0	
2		SW- (Soft) SANDY CLAY (damp) Dark Brown, medium plasticity, trace gravel		40	0.0	
4				40	0.0	
			C-3	90	0.0	
6		CL- (Stiff) CLAY (damp) Brown Mottled Gray, medium plasticity, trace gravel	4.5' - 5.5'	90	0.0	
8				90	0.0	
10				90	0.0	
12				90	0.0	
14				100	0.0	
				100	0.0	
16				100	0.0	
		Clay too stiff to go deeper				

Completion Notes: E.O.B. @ 15' BGS

Legend:

EOB End of Boring
Bgs. Below Ground Surface
NR No Recovery
NA Not Applicable
ft Feet



Project No.: 01-14761-0-0002

Boring Log .

Project Name: 108 Adams Street Site

Boring No.: C-4

Address: 108 Adams Street, Bay City, MI

Drill Rig: Geoprobe

Facility ID#:

Drilling Method: Direct

Date Drilled: 8/23/2023

Sampling Method: Grab

Logged By: MD

Drilling Contractor: TP

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
		ASPHALT				
		CONCRETE	C-4	20	0.0	
		SW- (Loose) SAND (damp) Brown, fine- coarse, well graded, trace gravel	0.5' - 1.5'	20	0.0	
2		SW- (Soft) SANDY CLAY (damp) Brown, medium plasticity, trace gravel		20	0.0	
			C-4	20	0.0	
4		CL- (Stiff) CLAY (damp) Brown mottled Gray, with some sand, medium plasticity, trace gravel	3.5' - 4.5'	100	0.0	
				100	0.0	
6				100	0.0	
				100	0.0	
8				100	0.0	
				100	0.0	
10				100	0.0	
				100	0.0	
12				50	0.0	
				50	0.0	
14				50	0.0	
16		Clay too stiff to go deeper				

Completion Notes: E.O.B. @ 15' BGS

Legend:

EOB End of Boring
Bgs. Below Ground Surface
NR No Recovery
NA Not Applicable
ft Feet



Sheet: 1 of 1



Project No.: 01-14761-0-0002

Boring Log .

Project Name: 108 Adams Street Site

Boring No.: C-6

Address: 108 Adams Street, Bay City, MI

Drill Rig: Geoprobe

Facility ID#:

Drilling Method: Direct

Date Drilled: 8/23/2023

Sampling Method: Grab

Logged By: MD

Drilling Contractor: TP

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
		ASPHALT				
		CONCRETE	C-6	20	5.0	
		SW- (Loose) SILTY SAND (moist) Dark Brown, fine-medium, well graded	0.5' - 1.5'	20	4.6	
2		CL- (Soft) SANDY CLAY (damp) Brown, medium plasticity, trace gravel		20	3.7	
				20	3.1	
4				100	3.0	
		CL- (Medium Stiff) CLAY (damp) Brown, with some sand, medium plasticity, trace gravel		100	2.8	
6				100	2.6	
		CL- (Medium Stiff) CLAY (damp) Brownish Gray, with some sand, medium plasticity, trace gravel	C-6	100	2.8	
8			7' - 8'	100	2.7	
		CL- (Soft) CLAY (damp) Brown, with some sand, medium plasticity, trace gravel		100	2.3	
10				100	2.0	
				100	2.1	
12				100	1.5	
				100	1.2	
14			C-6	100	1.0	
		CL- (Stiff) CLAY (damp) Brown, with some sand, medium plasticity, trace gravel	14' - 15'			
16						

Completion Notes: E.O.B. @ 15' BGS

Legend:

EOB End of Boring
Bgs. Below Ground Surface
NR No Recovery
NA Not Applicable
ft Feet



Project No.: 01-14761-0-0002

Boring Log .

Project Name: 108 Adams Street Site

Boring No.: C-7

Address: 108 Adams Street, Bay City, MI

Drill Rig: Geoprobe

Facility ID#:

Drilling Method: Direct

Date Drilled: 11/8/2023

Sampling Method: Grab

Logged By: MD

Drilling Contractor: ERG

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
		ASPHALT				
		SW- (Medium Loose) GRAVELLY SAND (damp) Brown, fine to coarse, well graded	C-7 0.5' - 1.5'	95	0.0	
		SW- (Medium Loose) GRAVELLY SAND (damp) Dark Brown, fine to coarse, well graded		95	0.0	
2		SP- (Loose) SAND (damp) Brown, fine to medium, poorly graded, trace gravel	C-7 4.5 - 5.5'	95	0.0	
				95	0.0	
4		CL- (Soft) SANDY CLAY (damp) Brown, trace gravel, medium plasticity		100	0.0	
				100	0.0	
6		CL- (Medium Stiff) CLAY (damp) Brown mottled Gray, trace gravel, medium plasticity		100	0.0	
				100	0.0	
8				100	0.0	

Completion Notes: E.O.B. @ 8' BGS

Legend:

EOB End of Boring
Bgs. Below Ground Surface
NR No Recovery
NA Not Applicable
ft Feet



Project No.: 01-14761-0-0002

Boring Log .

Project Name: 108 Adams Street Site

Boring No.: C-8

Address: 108 Adams Street, Bay City, MI

Drill Rig: Geoprobe

Facility ID#:

Drilling Method: Direct

Date Drilled: 11/8/2023

Sampling Method: Grab

Logged By: MD

Drilling Contractor: ERG

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
		ASPHALT				
		SW- (Loose) GRAVELLY SAND (damp) Brown, fine to coarse, well graded	C-8	10	0.0	
			0.5' - 1.5'	10	0.0	
2				10	0.0	
				10	0.0	
4		CL- (Soft) CLAY (damp) Brown, trace gravel, medium plasticity	C-8	100	0.0	
		CL- (Medium Stiff) CLAY (damp) Brown mottled Gray, trace gravel, medium plasticity	4.5 - 5.5'	100	0.0	
6				100	0.0	
				100	0.0	
8						

Completion Notes: E.O.B. @ 8' BGS

Legend:

EOB End of Boring
Bgs. Below Ground Surface
NR No Recovery
NA Not Applicable
ft Feet



Project No.: 01-14761-0-0002

Boring Log .

Project Name: 108 Adams Street Site

Boring No.: C-9

Address: 108 Adams Street, Bay City, MI

Drill Rig: Geoprobe

Facility ID#:

Drilling Method: Direct

Date Drilled: 11/8/2023

Sampling Method: Grab

Logged By: MD

Drilling Contractor: ERG

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
		ASPHALT				
		SW- (Loose) GRAVELLY SAND (damp) Brown, fine to coarse, well graded	C-9	90	0.0	
		SC- (Dense) CLAYEY SAND (moist) Brown, fine to coarse, well graded, trace gravel	0.5' - 1.5'	90	0.0	
2		WOOD DEBRIS				
		ML- (Soft) SILTY CLAY (moist) Dark Brown, trace gravel, medium plasticity		90	0.0	
				90	0.0	
4				50	0.0	
		CL- (Medium Stiff) CLAY (damp) Gray mottled Brown, trace gravel, medium plasticity	C-9	50	0.0	
			4.5 - 5.5'	50	0.0	
6				50	0.0	
				50	0.0	
8						

Completion Notes: E.O.B. @ 8' BGS

Legend:

EOB End of Boring
Bgs. Below Ground Surface
NR No Recovery
NA Not Applicable
ft Feet



Project No.: 01-14761-0-0002

Boring Log .

Project Name: 108 Adams Street Site

Boring No.: C-10

Address: 108 Adams Street, Bay City, MI

Drill Rig: HA

Facility ID#:

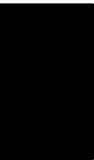
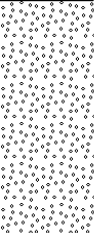
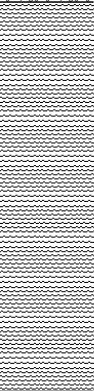
Drilling Method: HA

Date Drilled: 1/23/2024

Sampling Method: Grab

Logged By: JJP

Drilling Contractor: -

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
		ASPHALT				
		SAND AND GRAVEL Brown, frozen		100	0.0	
		PEAT Dark Brown, organic	C-10 1.0 - 1.5'	100	0.0	
2						

Completion Notes: E.O.B. @ 2' BGS

Legend:

EOB End of Boring
Bgs. Below Ground Surface
NR No Recovery
NA Not Applicable
ft Feet



Project No.: 01-14761-0-0002

Boring Log .

Project Name: 108 Adams Street Site

Boring No.: C-11

Address: 108 Adams Street, Bay City, MI

Drill Rig: HA

Facility ID#:



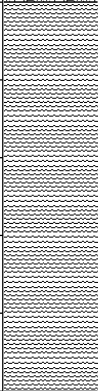
Drilling Method: HA

Date Drilled: 1/23/2024

Sampling Method: Grab

Logged By: JJP

Drilling Contractor: -

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
		ASPHALT				
		CONCRETE		100	0.0	
		PEAT Dark Brown, organic	C-11 1.0 - 1.5'	100	0.0	
2						

Completion Notes: E.O.B. @ 2' BGS

Legend:

EOB End of Boring
Bgs. Below Ground Surface
NR No Recovery
NA Not Applicable
ft Feet



Project No.: 01-14761-0-0002

Project Name: 108 Adams Street Site

Address: 108 Adams Street, Bay City, MI

Facility ID#:

Date Drilled: 1/23/2024

Logged By: JJP

Boring Log .


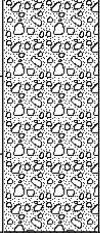
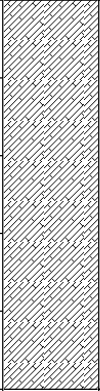
Boring No.: C-12

Drill Rig: HA

Drilling Method: HA

Sampling Method: Grab

Drilling Contractor: -

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
		ASPHALT				
		CONCRETE		100	0.0	
		CL- (Medium Dense) SANDY CLAY (damp) Brown	C-12 1.0 - 1.5'	100	0.0	
2						

Completion Notes: E.O.B. @ 2' BGS

Legend:

EOB End of Boring
Bgs. Below Ground Surface
NR No Recovery
NA Not Applicable
ft Feet



Project No.: 01-14761-0-0002

Boring Log .

Project Name: 108 Adams Street Site

Boring No.: C-13

Address: 108 Adams Street, Bay City, MI

Drill Rig: HA

Facility ID#:


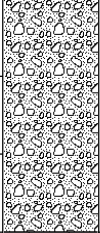
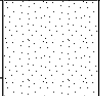
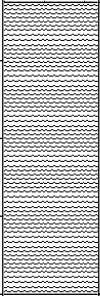
Drilling Method: HA

Date Drilled: 1/23/2024

Sampling Method: Grab

Logged By: JJP

Drilling Contractor: -

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
		ASPHALT				
		CONCRETE		100	0.0	
		SP- (Loose) SAND (damp) Brown	C-13			
		PEAT Dark Brown, organic	1.0 - 1.5'	100	0.0	
2						

Completion Notes: E.O.B. @ 2' BGS

Legend:

EOB End of Boring
Bgs. Below Ground Surface
NR No Recovery
NA Not Applicable
ft Feet



Sheet: 1 of 1



Project No.: 01-14761-0-0002

Project Name: 108 Adams Street Site

Address: 108 Adams Street, Bay City, MI

Facility ID#:

Date Drilled: 8/21/2023

Logged By: MD

Boring Log .

Boring No.: D-1

Drill Rig: Geoprobe

Drilling Method: Direct

Sampling Method: Grab

Drilling Contractor: TP

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
		ASPHALT				
		CONCRETE		20	0.0	
		SW- (Loose) SAND (moist) Brown, fine-medium, well graded		20	0.0	
2		CL- (Soft) SANDY CLAY (damp) Brown, medium plasticity, trace gravel		20	0.0	
		CL- (Medium Stiff) SANDY CLAY (damp) Brown, medium plasticity, trace gravel		20	0.0	
4			D-1	20	0.0	
		CL- (Stiff) CLAY (damp) Brownish Gray, with some sand, medium plasticity, trace gravel	3.5' - 4.5'	100	0.0	
6				100	0.0	
				100	0.0	
8				100	0.0	
				80	0.0	
10				80	0.0	
		CL- (Soft) SANDY CLAY (damp) Brown, medium plasticity, trace gravel		80	0.0	
12			D-1	80	0.0	
		CL- (Stiff) CLAY (damp) Brown, with some sand, medium plasticity, trace gravel	11' - 12'	80	0.0	
		CL- (Medium Stiff) CLAY (damp) Brown, with some sand, medium plasticity, trace gravel		80	0.0	
14				80	0.0	
16						

Completion Notes: E.O.B. @ 15' BGS

Legend:

EOB End of Boring
Bgs. Below Ground Surface
NR No Recovery
NA Not Applicable
ft Feet



Project No.: 01-14761-0-0002

Boring Log .

Project Name: 108 Adams Street Site

Boring No.: D-2

Address: 108 Adams Street, Bay City, MI

Drill Rig: Geoprobe

Facility ID#:

Drilling Method: Direct

Date Drilled: 8/21/2023

Sampling Method: Grab

Logged By: MD

Drilling Contractor: TP

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
		ASPHALT				
		CONCRETE		20	0.0	
		CL- (Soft) SANDY CLAY (moist) Brown, high plasticity, trace gravel		20	0.0	
2			D-2			
		CL- (Soft) CLAY (damp) Brown, medium plasticity, trace gravel	1.5' - 2.5'	20	0.0	
				20	0.0	
4				100	0.0	
		CL- (Stiff) CLAY (damp) Brown, with some sand, medium plasticity, trace gravel		100	0.0	
6				100	0.0	
				100	0.0	
8				100	0.0	
				100	0.0	
10				100	0.0	
		CL- (Soft) SANDY CLAY (damp) Brown, medium plasticity, trace gravel		100	0.0	
12			D-2			
		CL- (Stiff) CLAY (damp) Brown, with some sand, medium plasticity, trace gravel	11.5' -12.5'	100	0.0	
				100	0.0	
14				100	0.0	
16						

Completion Notes: E.O.B. @ 15' BGS

Legend:

EOB End of Boring
Bgs. Below Ground Surface
NR No Recovery
NA Not Applicable
ft Feet



Project No.: 01-14761-0-0002

Project Name: 108 Adams Street Site

Address: 108 Adams Street, Bay City, MI

Facility ID#:

Date Drilled: 8/21/2023

Logged By: MD

Boring Log .

Boring No.: E-1

Drill Rig: Geoprobe

Drilling Method: Direct

Sampling Method: Grab

Drilling Contractor: TP

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
	ASPHALT			30	0.0	
	CONCRETE			30	0.0	
2	SW- (Loose) GRAVELLY SAND (moist)	Dark Brown, with some clay, fine-coarse, well graded		30	0.0	
	CL- (Soft) SANDY CLAY (damp)	Brown, medium plasticity, trace gravel		30	0.0	
4				30	0.0	
	CL- (Soft) CLAY (damp)	Gray Mottled Brown, with some sand, medium plasticity, trace gravel	E-1	100	0.0	
6			4.5' - 5.5'	100	0.0	
				100	0.0	
	CL- (Stiff) CLAY (damp)	Brown, with some sand, medium plasticity, trace gravel		100	0.0	
8			E-1	100	0.0	
	SW- (Loose) SAND (moist)	Brown, fine-coarse, well graded, trace gravel	7' - 8'	100	0.0	
	CL- (Stiff) CLAY (damp)	Brown, with some sand, medium plasticity, trace gravel		100	0.0	
10				100	0.0	
				100	0.0	
12				100	0.0	
				100	0.0	
14				100	0.0	
				100	0.0	
16						

Completion Notes: E.O.B. @ 15' BGS

Legend:

EOB End of Boring
Bgs. Below Ground Surface
NR No Recovery
NA Not Applicable
ft Feet



Project No.: 01-14761-0-0002

Boring Log .

Project Name: 108 Adams Street Site

Boring No.: E-2

Address: 108 Adams Street, Bay City, MI

Drill Rig: Geoprobe

Facility ID#:

Drilling Method: Direct

Date Drilled: 8/21/2023

Sampling Method: Grab

Logged By: MD

Drilling Contractor: TP

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
	ASPHALT					
	CONCRETE			30	0.0	
	SW- (Loose) SAND (damp)	Brown, fine-medium, well graded, trace gravel		30	0.0	
2	CL- (Soft) SANDY CLAY (damp)	Brown, medium plasticity, trace gravel		30	0.0	
				30	0.0	
4	CL- (Stiff) CLAY (damp)	Brown, with some sand, medium plasticity, trace gravel		100	0.0	
			E-2	100	0.0	
			4.5' - 5.5'	100	0.0	
6				100	0.0	
				100	0.0	
8				90	0.0	
				90	0.0	
10	CL- (Stiff) SANDY CLAY (moist)	Brown, with some sand, low plasticity, trace gravel	E-2	90	0.0	
	CL- (Stiff) CLAY (damp)	Brown, with some sand, medium plasticity, trace gravel	9.5' - 10.5'	90	0.0	
				90	0.0	
12				100	0.0	
				100	0.0	
14				100	0.0	
16						

Completion Notes: E.O.B. @ 15' BGS

Legend:

EOB End of Boring
Bgs. Below Ground Surface
NR No Recovery
NA Not Applicable
ft Feet



Project No.: 01-14761-0-0002

Boring Log .

Project Name: 108 Adams Street Site

Boring No.: E-3

Address: 108 Adams Street, Bay City, MI

Drill Rig: Geoprobe

Facility ID#:

Drilling Method: Direct

Date Drilled: 8/21/2023

Sampling Method: Grab

Logged By: MD

Drilling Contractor: TP

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
		ASPHALT				
		CL- (Soft) SANDY CLAY (damp) Gray, low plasticity, trace gravel		70	0.0	
		SW- (Loose) SAND (damp) Grayish Brown, with some clay, fine-coarse, well graded, trace gravel		70	0.0	
2		CL- (Medium Stiff) CLAY (damp) With some sand, medium plasticity, trace gravel		70	0.0	
		CL- (Soft) CLAY (damp) With some sand, medium plasticity, trace gravel		70	0.0	
4		CL- (Stiff) CLAY (damp) With some sand, medium plasticity, trace gravel		100	0.0	
			E-3	100	0.0	
			4.5' - 5.5'	100	0.0	
6				100	0.0	
				100	0.0	
8				100	0.0	
				100	0.0	
10		CL- (Stiff) SANDY CLAY (moist) Brown, low plasticity, trace gravel		100	0.0	
			E-3	100	0.0	
		CL- (Stiff) CLAY (damp) Brown, with some sand, medium plasticity, trace gravel	10.5' - 11.5'	100	0.0	
12		Clay too stiff to go deeper				

Completion Notes: E.O.B. @ 12' BGS

Legend:

EOB End of Boring
Bgs. Below Ground Surface
NR No Recovery
NA Not Applicable
ft Feet



Project No.: 01-14761-0-0002

Project Name: 108 Adams Street Site

Address: 108 Adams Street, Bay City, MI

Facility ID#:

Date Drilled: 8/21/2023

Logged By: MD

Boring Log .

Boring No.: E-4

Drill Rig: Geoprobe

Drilling Method: Direct

Sampling Method: Grab

Drilling Contractor: TP

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
		ASPHALT				
		SW- (Loose) SAND (damp) Brown, fine-medium, well graded, trace gravel		40	0.0	
		CL- (Soft) SANDY CLAY (damp) Brown, medium plasticity, trace gravel		40	0.0	
2		CL- (Medium Stiff) SANDY CLAY (damp) Brown, medium plasticity, trace gravel		40	0.0	
				40	0.0	
4		CL- (Stiff) CLAY (damp) Brown Mottled Gray, with some sand, medium plasticity, trace gravel		100	0.0	
			E-4			
			4.5' - 5.5'	100	0.0	
6				100	0.0	
				100	0.0	
8				100	0.0	
			E-4			
			8.5' - 9.5'	100	0.0	
10				100	0.0	
				100	0.0	
12				100	0.0	
				95	0.0	
14				95	0.0	
				95	0.0	
16						

Completion Notes: E.O.B. @ 15' BGS

Legend:

EOB End of Boring
Bgs. Below Ground Surface
NR No Recovery
NA Not Applicable
ft Feet



Project No.: 01-14761-0-0002

Boring Log .

Project Name: 108 Adams Street Site

Boring No.: E-5

Address: 108 Adams Street, Bay City, MI

Drill Rig: Geoprobe

Facility ID#:

Drilling Method: Direct

Date Drilled: 8/21/2023

Sampling Method: Grab

Logged By: MD

Drilling Contractor: TP

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
		ASPHALT				
		CL- (Soft) SANDY CLAY (damp) Dark Brown, medium plasticity, trace gravel		40	0.0	
2		CL- (Soft) SANDY CLAY (damp) Brown, medium plasticity, trace gravel		40	0.0	
				40	0.0	
4				40	0.0	
			E-5	60	0.0	
6			4.5' - 5.5'	60	0.0	
			E-5	60	0.0	
		CL- (Stiff) CLAY (damp) Brown, with some sand, medium plasticity, trace gravel	6' - 7'	60	0.0	
8				60	0.0	
				95	0.0	
10				95	0.0	
				95	0.0	
12				95	0.0	
				100	0.0	
14				100	0.0	
				100	0.0	
16						

Completion Notes: E.O.B. @ 15' BGS

Legend:

EOB End of Boring
Bgs. Below Ground Surface
NR No Recovery
NA Not Applicable
ft Feet



Project No.: 01-14761-0-0002

Boring Log .

Project Name: 108 Adams Street Site

Boring No.: E-6

Address: 108 Adams Street, Bay City, MI

Drill Rig: Geoprobe

Facility ID#:

Drilling Method: Direct

Date Drilled: 8/21/2023

Sampling Method: Grab

Logged By: MD

Drilling Contractor: TP

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
		ASPHALT				
		SM- (Medium Loose) SILTY SAND (damp) Brown, fine-medium, well graded		30	0.0	
		CL- (Medium Stiff) SANDY CLAY (damp) Brown, medium plasticity, trace gravel		30	0.0	
2				30	0.0	
				30	0.0	
4				95	0.0	
				95	0.0	
6		SW- (Medium Loose) SAND (moist) Brownish Gray, with some clay, fine- coarse, well graded		95	0.0	
				95	0.0	
8		CL- (Stiff) CLAY (damp) Brown, with some sand, medium plasticity, trace gravel		95	0.0	
		Clay too stiff, got stuck		0		
10				0		
				0		
12						

Completion Notes: E.O.B. @ 12' BGS - No recovery, move boring west

Legend:

EOB End of Boring
Bgs. Below Ground Surface
NR No Recovery
NA Not Applicable
ft Feet



Project No.: 01-14761-0-0002

Boring Log .

Project Name: 108 Adams Street Site

Boring No.: E-6 (Replicate)

Address: 108 Adams Street, Bay City, MI

Drill Rig: Geoprobe

Facility ID#:

Drilling Method: Direct

Date Drilled: 8/21/2023

Sampling Method: Grab

Logged By: MD

Drilling Contractor: TP

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
		ASPHALT				
		SM- (Medium Loose) SILTY SAND (damp) Brown, fine-medium, well graded		30	0.0	
2		CL- (Medium Stiff) SANDY CLAY (damp) Brown, medium plasticity, trace gravel	E-6 1' - 2'	30	0.0	
				30	0.0	
4				30	0.0	
			E-6	100	0.0	
			4.5' - 5.5'	100	0.0	
6		SW- (Medium Loose) SAND (moist) Brownish Gray, with some clay, fine- coarse, well graded		100	0.0	
				100	0.0	
8		CL- (Stiff) CLAY (damp) Brown, with some sand, medium plasticity, trace gravel		100	0.0	
				100	0.0	
10				100	0.0	
				100	0.0	
12				100	0.0	

Completion Notes: E.O.B. @ 15' BGS

Legend:

EOB End of Boring
Bgs. Below Ground Surface
NR No Recovery
NA Not Applicable
ft Feet



Project No.: 01-14761-0-0002

Project Name: 108 Adams Street Site

Address: 108 Adams Street, Bay City, MI

Facility ID#:

Date Drilled: 8/21/2023

Logged By: MD

Boring Log .

Boring No.: E-7

Drill Rig: Geoprobe

Drilling Method: Direct

Sampling Method: Grab

Drilling Contractor: TP

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
		ASPHALT				
		CL- (Soft) CLAY (damp) Brown, with some sand, medium plasticity, trace gravel		30	0.0	
				30	0.0	
2				30	0.0	
		CL- (Medium Stiff) CLAY (damp) Brown, with some sand, medium plasticity, trace gravel		30	0.0	
				30	0.0	
4				100	0.0	
		CL- (Medium Stiff) CLAY (damp) Brown Mottled Gray, with some sand, medium plasticity, trace gravel	E-7	100	0.0	
			4.5' - 5.5'	100	0.0	
6		CL- (Medium Stiff) CLAY (damp) Brown, with some sand, medium plasticity, trace gravel		100	0.0	
		SW- SAND (moist) Brown, with some clay, fine-medium, well graded, trace gravel		100	0.0	
		CL- (Stiff) CLAY (damp) Brown, with some sand, medium plasticity, trace gravel		100	0.0	
8		CL- (Medium Stiff) CLAY (damp) Brown, medium plasticity, trace gravel		100	0.0	
		CL- (Stiff) CLAY (damp) Brown, medium plasticity, trace gravel		100	0.0	
10				100	0.0	
		SW- (Medium Loose) SAND (moist) Brownish Gray, with some clay, fine- coarse, well graded		100	0.0	
14		CL- (Stiff) CLAY (damp) Brown, with some sand, medium plasticity, trace gravel		100	0.0	
16						

Completion Notes: E.O.B. @ 15' BGS

Legend:

EOB End of Boring
Bgs. Below Ground Surface
NR No Recovery
NA Not Applicable
ft Feet



Project No.: 01-14761-0-0002

Boring Log .

Project Name: 108 Adams Street Site

Boring No.: E-8

Address: 108 Adams Street, Bay City, MI

Drill Rig: Geoprobe

Facility ID#:

Drilling Method: Direct

Date Drilled: 8/21/2023

Sampling Method: Grab

Logged By: MD

Drilling Contractor: TP

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
		TOPSOIL				
		SW- (Loose) GRAVELLY SAND ((dry))		70	0.0	
		Brownish Gray, fine-coarse, well graded		70	0.0	
2				70	0.0	
				70	0.0	
4		CL- (Stiff) CLAY(damp)		70	0.0	
		Brown Mottled Gray, with some sand, medium plasticity, trace gravel		70	0.0	
			E-8	70	0.0	
			4.5' - 5.5'	70	0.0	
6				70	0.0	
			E-8	70	0.0	
8		CL- (Stiff) CLAY(damp)	7' - 8'	75	0.0	
		Brown, with some sand, medium plasticity, trace gravel		75	0.0	
				75	0.0	
10				75	0.0	
				75	0.0	
12				100	0.0	
				100	0.0	
14				100	0.0	
				100	0.0	
16						

Completion Notes: E.O.B. @ 15' BGS

Legend:

EOB End of Boring
 Bgs. Below Ground Surface
 NR No Recovery
 NA Not Applicable
 ft Feet



Project No.: 01-14761-0-0002

Boring Log .

Project Name: 108 Adams Street Site

Boring No.: F-1

Address: 108 Adams Street, Bay City, MI

Drill Rig: Geoprobe

Facility ID#:

Drilling Method: Direct

Date Drilled: 8/23/2023

Sampling Method: Grab

Logged By: MD

Drilling Contractor: TP

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
		TOPSOIL				
		CL- (Stiff) SANDY CLAY (damp) Brown, low plasticity, trace gravel		50	0.0	
2				50	0.0	
				50	0.0	
4			F-1	50	0.0	
		CL- (Stiff) CLAY (damp) Brown, with some sand, medium plasticity, trace gravel	3.5' - 4.5'	95	0.0	
6				95	0.0	
				95	0.0	
8				95	0.0	
				100	0.0	
10				100	0.0	
				100	0.0	
12				100	0.0	
				100	0.0	
14			F-1	100	0.0	
			14' - 15'			
16						

Completion Notes: E.O.B. @ 15' BGS

Legend:

EOB End of Boring
Bgs. Below Ground Surface
NR No Recovery
NA Not Applicable
ft Feet



Project No.: 01-14761-0-0002

Boring Log .

Project Name: 108 Adams Street Site

Boring No.: F-2

Address: 108 Adams Street, Bay City, MI

Drill Rig: Geoprobe

Facility ID#:

Drilling Method: Direct

Date Drilled: 8/23/2023

Sampling Method: Grab

Logged By: MD

Drilling Contractor: TP

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
		TOPSOIL				
		SW- (Loose) GRAVELLY SAND (damp)		50	0.0	
		Brown, fine-coarse, well graded		50	0.0	
2				50	0.0	
				50	0.0	
4			F-2	50	0.0	
		CL- (Stiff) CLAY (damp)	3.5' - 4.5'	100	0.0	
		Brown, with some sand, medium plasticity, trace gravel		100	0.0	
6				100	0.0	
				100	0.0	
8				100	0.0	
				100	0.0	
10			F-2	100	0.0	
		CL- (Medium Stiff) CLAY (damp)	10.5'-11.5'	100	0.0	
		Brown, with some sand, medium plasticity, trace gravel		100	0.0	
12				100	0.0	
		CL- (Stiff) CLAY (damp)		100	0.0	
		Brown, with some sand, medium plasticity, trace gravel		100	0.0	
14				100	0.0	
				100	0.0	
16						

Completion Notes: E.O.B. @ 15' BGS

Legend:

EOB End of Boring
 Bgs. Below Ground Surface
 NR No Recovery
 NA Not Applicable
 ft Feet



Project No.: 01-14761-0-0002

Boring Log .

Project Name: 108 Adams Street Site

Boring No.: F-3

Address: 108 Adams Street, Bay City, MI

Drill Rig: Geoprobe

Facility ID#:

Drilling Method: Direct

Date Drilled: 8/23/2023

Sampling Method: Grab

Logged By: MD

Drilling Contractor: TP

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
		TOPSOIL				
		CL- (Stiff) SANDY CLAY (damp) Brown, low plasticity, trace gravel	F-3	70	0.0	
			0.5' - 1.5'	70	0.0	
2				70	0.0	
				70	0.0	
4		CL- (Soft) SANDY CLAY (damp) Brown, high plasticity, trace gravel		100	0.0	
			F-3	100	0.0	
		CL- (Stiff) CLAY (damp) Brown, with some sand, medium plasticity, trace gravel	4.5' - 5.5'	100	0.0	
6				100	0.0	
				100	0.0	
8				100	0.0	
				100	0.0	
10				100	0.0	
				100	0.0	
12				100	0.0	
				100	0.0	
14				100	0.0	
				100	0.0	
16						

Completion Notes: E.O.B. @ 15' BGS

Legend:

EOB End of Boring
Bgs. Below Ground Surface
NR No Recovery
NA Not Applicable
ft Feet



Project No.: 01-14761-0-0002

Boring Log .

Project Name: 108 Adams Street Site

Boring No.: G-1

Address: 108 Adams Street, Bay City, MI

Drill Rig: Geoprobe

Facility ID#:

Drilling Method: Direct

Date Drilled: 8/24/2023

Sampling Method: Grab

Logged By: MD

Drilling Contractor: TP

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
		TOPSOIL				
		SM- (Medium Loose) SILTY SAND (damp)		40	0.0	
		Dark Brown, fine- medium, well graded, trace gravel		40	0.0	
2				40	0.0	
				40	0.0	
4			G-1	90	0.0	
		CL- (Stiff) CLAY (damp)	4' - 5'	90	0.0	
		Brown Mottled Gray, with some sand, medium plasticity, trace gravel		90	0.0	
6				90	0.0	
				90	0.0	
8				90	0.0	
				100	0.0	
10				100	0.0	
		CL- (Stiff) CLAY (damp)		100	0.0	
		Brown, with some sand, medium plasticity, trace gravel		100	0.0	
12				100	0.0	
				100	0.0	
14			G-1	100	0.0	
			14' - 15'	100	0.0	
16		Clay too stiff to go deeper				

Completion Notes: E.O.B. @ 15' BGS

Legend:

EOB End of Boring
 Bgs. Below Ground Surface
 NR No Recovery
 NA Not Applicable
 ft Feet



Project No.: 01-14761-0-0002

Boring Log .

Project Name: 108 Adams Street Site

Boring No.: G-2

Address: 108 Adams Street, Bay City, MI

Drill Rig: Geoprobe

Facility ID#:

Drilling Method: Direct

Date Drilled: 8/24/2023

Sampling Method: Grab

Logged By: MD

Drilling Contractor: TP

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
		GRAVEL/ TOPSOIL				
		SM- (Medium Loose) SILTY SAND (damp) Dark Brown, fine- medium, well graded, trace gravel	G-2 0.5' - 1.5'	50	0.0	
2		CL- (Stiff) CLAY (damp) Brown, with some sand, medium plasticity, trace gravel		50	0.0	
				50	0.0	
4		CL- (Stiff) CLAY (damp) Brown Mottled Gray, with some sand, medium plasticity, trace gravel		100	0.0	
				100	0.0	
6		CL- (Stiff) CLAY (damp) Brown, with some sand, medium plasticity, trace gravel		100	0.0	
				100	0.0	
8				90	0.0	
		CL- (Medium Stiff) SANDY CLAY (damp) Brown, medium plasticity, trace gravel	G-2 9' - 10'	90	0.0	
10		CL- (Stiff) CLAY (damp) Brown, with some sand, medium plasticity, trace gravel		90	0.0	
				90	0.0	
12				50	0.0	
				50	0.0	
14				50	0.0	
16		Clay too stiff to go deeper				

Completion Notes: E.O.B. @ 15' BGS

Legend:

EOB End of Boring
Bgs. Below Ground Surface
NR No Recovery
NA Not Applicable
ft Feet



Project No.: 01-14761-0-0002

Boring Log .

Project Name: 108 Adams Street Site

Boring No.: G-3

Address: 108 Adams Street, Bay City, MI

Drill Rig: Geoprobe

Facility ID#:

Drilling Method: Direct

Date Drilled: 8/24/2023

Sampling Method: Grab

Logged By: MD

Drilling Contractor: TP

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
		TOPSOIL				
		CL- (Soft) SANDY CLAY (damp) Brown, medium plasticity, trace gravel		70	0.0	
			G-3	70	0.0	
2		CL- (Stiff) CLAY (damp) Brown, with some sand, medium plasticity, trace gravel	1.5' - 2.5'	70	0.0	
				70	0.0	
4		CL- (Stiff) CLAY (damp) Brown Mottled Gray, with some sand, medium plasticity, trace gravel		100	0.0	
				100	0.0	
6				100	0.0	
				100	0.0	
8				100	0.0	
				100	0.0	
10		CL- (Medium Stiff) SANDY CLAY (damp) Brown, medium plasticity, trace gravel	G-3	100	0.0	
		CL- (Stiff) CLAY (damp) Brown, with some sand, medium plasticity, trace gravel	9.5' - 10.5'	100	0.0	
12				100	0.0	
				100	0.0	
14				100	0.0	
				100	0.0	
16		Clay too stiff to go deeper				

Completion Notes: E.O.B. @ 15' BGS

Legend:

EOB End of Boring
Bgs. Below Ground Surface
NR No Recovery
NA Not Applicable
ft Feet



Project No.: 01-14761-0-0002

Boring Log .

Project Name: 108 Adams Street Site

Boring No.: G-4

Address: 108 Adams Street, Bay City, MI

Drill Rig: Geoprobe

Facility ID#:

Drilling Method: Direct

Date Drilled: 8/24/2023

Sampling Method: Grab

Logged By: MD

Drilling Contractor: TP

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
		TOPSOIL				
		SM- (Medium Loose) SILTY SAND (damp) Dark Brown, fine- medium, well graded, trace gravel		70	0.0	
2		CL- (Medium Stiff) SANDY CLAY (damp) Brown, medium plasticity, trace gravel	G-4 1.5' - 2.5'	70	0.0	
		CL- (Stiff) CLAY (damp) Brown Mottled Gray, with some sand, medium plasticity, trace gravel		70	0.0	
4				100	0.0	
				100	0.0	
6				100	0.0	
				100	0.0	
8				90	0.0	
				90	0.0	
10		CL- (Medium Stiff) SANDY CLAY (damp) Brown, medium plasticity, trace gravel	G-4 10' - 11'	90	0.0	
		CL- (Stiff) CLAY (damp) Brown, with some sand, medium plasticity, trace gravel		90	0.0	
12				80	0.0	
				80	0.0	
14				80	0.0	
16		Clay too stiff to go deeper				

Completion Notes: E.O.B. @ 15' BGS

Legend:

EOB End of Boring
Bgs. Below Ground Surface
NR No Recovery
NA Not Applicable
ft Feet



Project No.: 01-14761-0-0002

Boring Log .

Project Name: 108 Adams Street Site

Boring No.: G-5

Address: 108 Adams Street, Bay City, MI

Drill Rig: Geoprobe

Facility ID#:

Drilling Method: Direct

Date Drilled: 8/24/2023

Sampling Method: Grab

Logged By: MD

Drilling Contractor: TP

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
		TOPSOIL				
		CL- (Medium Stiff) SANDY CLAY (damp)		80	0.0	
		Brown, medium plasticity, trace gravel		80	0.0	
2				80	0.0	
				80	0.0	
4			G-5	80	0.0	
		CL- (Stiff) CLAY (damp)	3.5' - 4.5'	100	0.0	
		Brown Mottled Gray, with some sand, medium plasticity, trace gravel		100	0.0	
6				100	0.0	
				100	0.0	
8				100	0.0	
				100	0.0	
10			G-5	100	0.0	
		CL- (Stiff) CLAY (damp)	10' - 11'	100	0.0	
		Brown, with some sand, medium plasticity, trace gravel		100	0.0	
12				100	0.0	
				100	0.0	
14				100	0.0	
				100	0.0	
16				80	0.0	
		Clay too stiff to go deeper				

Completion Notes: E.O.B. @ 15' BGS

Legend:

EOB End of Boring
Bgs. Below Ground Surface
NR No Recovery
NA Not Applicable
ft Feet



Project No.: 01-14761-0-0002

Boring Log .

Project Name: 108 Adams Street Site

Boring No.: G-6

Address: 108 Adams Street, Bay City, MI

Drill Rig: Geoprobe

Facility ID#:



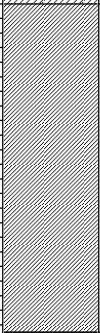
Drilling Method: Direct

Date Drilled: 8/24/2023

Sampling Method: Grab

Logged By: MD

Drilling Contractor: TP

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
		ASPHALT				
		CL- (Soft) SANDY CLAY (damp) Brown, medium plasticity, trace gravel		60	0.0	
2			G-6	60	0.0	
		CL- (Stiff) CLAY (damp) Brown, with some sand, medium plasticity, trace gravel	1.5' - 2.5'	60	0.0	
4				60	0.0	
				100	0.0	
6				100	0.0	
				100	0.0	
8				100	0.0	
				100	0.0	
10				100	0.0	
				100	0.0	
12				100	0.0	
				100	0.0	
14			G-6	100	0.0	
			14' - 15'			
16		Clay too stiff to go deeper				

Completion Notes: E.O.B. @ 15' BGS

Legend:

EOB End of Boring
Bgs. Below Ground Surface
NR No Recovery
NA Not Applicable
ft Feet



Project No.: 01-14761-0-0002

Boring Log .

Project Name: 108 Adams Street Site

Boring No.: H-1

Address: 108 Adams Street, Bay City, MI

Drill Rig: Geoprobe

Facility ID#:


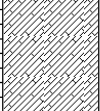
Drilling Method: Direct

Date Drilled: 8/23/2023

Sampling Method: Grab

Logged By: MD

Drilling Contractor: TP

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
		ASPHALT				
		SM- (Dense) SILTY SAND (moist) Dark Brown, fine-medium, well graded trace gravel		40	0.0	
			H-1	40	0.0	
2		CL- (Soft) CLAY (damp) Brownish Gray, with some sand, medium plasticity, trace gravel	1.5' - 2.5'	40	0.0	
				40	0.0	
4		CL- (Stiff) CLAY (damp) Brown, with some sand, medium plasticity, trace gravel	H-1	80	0.0	
			4' - 5'	80	0.0	
6				80	0.0	
				80	0.0	
8				80	0.0	
				100	0.0	
10				100	0.0	
				100	0.0	
12				100	0.0	
				100	0.0	
14				100	0.0	
				100	0.0	
16		Clay too stiff to go deeper				

Completion Notes: E.O.B. @ 15' BGS

Legend:

EOB End of Boring
Bgs. Below Ground Surface
NR No Recovery
NA Not Applicable
ft Feet



Project No.: 01-14761-0-0002

Boring Log .

Project Name: 108 Adams Street Site

Boring No.: H-2

Address: 108 Adams Street, Bay City, MI

Drill Rig: Geoprobe

Facility ID#:

Drilling Method: Direct

Date Drilled: 8/23/2023

Sampling Method: Grab

Logged By: MD

Drilling Contractor: TP

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
	ASPHALT					
	SW- SAND	Brown, fine- coarse, well graded, trace gravel		10	0.0	
				10	0.0	
2		CL- (Soft) SANDY CLAY (damp) Brown, medium plasticity, trace gravel	H-2 1.5' - 2.5'	10	0.0	
				10	0.0	
4				20	0.0	
				20	0.0	
6		CL- (Stiff) CLAY (damp) Brown, with some sand, medium plasticity, trace gravel		20	0.0	
				20	0.0	
				20	0.0	
8				100	0.0	
				100	0.0	
10				100	0.0	
				100	0.0	
12		CL- (Medium Stiff) CLAY (damp) Brown, with some sand, medium plasticity, trace gravel		100	0.0	
				100	0.0	
14				100	0.0	
				100	0.0	
16		Clay too stiff to go deeper				

Completion Notes: E.O.B. @ 15' BGS

Legend:

EOB End of Boring
Bgs. Below Ground Surface
NR No Recovery
NA Not Applicable
ft Feet



Project No.: 01-14761-0-0002

Boring Log .

Project Name: 108 Adams Street Site

Boring No.: H-3

Address: 108 Adams Street, Bay City, MI

Drill Rig: Geoprobe

Facility ID#:

Drilling Method: Direct

Date Drilled: 8/23/2023

Sampling Method: Grab

Logged By: MD

Drilling Contractor: TP

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
		ASPHALT				
		CL- (Soft) SANDY CLAY (damp) Brown, medium plasticity, trace gravel		5	0.0	
2				5	0.0	
				5	0.0	
4				5	0.0	
			H-3	70	0.0	
6		CL- (Stiff) CLAY (damp) Brown, with some sand, medium plasticity, trace gravel	4.5' - 5.5'	70	0.0	
				70	0.0	
8				70	0.0	
				100	0.0	
10				100	0.0	
				100	0.0	
12		CL- (Medium Stiff) CLAY (damp) Brown, with some sand, medium plasticity, trace gravel		100	0.0	
				100	0.0	
14				100	0.0	
16						

Completion Notes: E.O.B. @ 15' BGS

Legend:

EOB End of Boring
Bgs. Below Ground Surface
NR No Recovery
NA Not Applicable
ft Feet



Project No.: 01-14761-0-0002

Boring Log .

Project Name: 108 Adams Street Site

Boring No.: H-4

Address: 108 Adams Street, Bay City, MI

Drill Rig: Geoprobe

Facility ID#:

Drilling Method: Direct

Date Drilled: 8/23/2023

Sampling Method: Grab

Logged By: MD

Drilling Contractor: TP

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
		ASPHALT				
		SM- (Loose) SILTY SAND (damp) Brown, fine-medium, well graded, trace gravel	H-4	40	0.0	
2		CL- (Soft) CLAY (damp) With some sand, medium plasticity, trace gravel	1' - 2'	40	0.0	
				40	0.0	
4				40	0.0	
			H-4	100	0.0	
6		CL- (Stiff) CLAY (damp) Brown Mottled Gray, with some sand, medium plasticity, trace gravel	4.5' - 5.5'	100	0.0	
				100	0.0	
8		CL- (Stiff) CLAY (damp) Brown, with some sand, medium plasticity, trace gravel		100	0.0	
				100	0.0	
10		CL- (Medium Stiff) CLAY (damp) Brown, with some sand, medium plasticity, trace gravel		100	0.0	
				100	0.0	
12		CL- (Stiff) CLAY (damp) Brown, with some sand, medium plasticity, trace gravel		100	0.0	
				100	0.0	
14				100	0.0	
16						

Completion Notes: E.O.B. @ 15' BGS

Legend:

EOB End of Boring
Bgs. Below Ground Surface
NR No Recovery
NA Not Applicable
ft Feet



Project No.: 01-14761-0-0002

Boring Log .

Project Name: 108 Adams Street Site

Boring No.: H-5

Address: 108 Adams Street, Bay City, MI

Drill Rig: Geoprobe

Facility ID#:

Drilling Method: Direct

Date Drilled: 8/23/2023

Sampling Method: Grab

Logged By: MD

Drilling Contractor: TP

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
		ASPHALT				
		SM- (Loose) SILTY SAND (damp) Brown, fine-medium, well graded, trace gravel		50	0.0	
				50	0.0	
2			H-5			
		CL- (Soft) SANDY CLAY (damp) Brown, with some sand, medium plasticity, trace gravel	1.5' - 2.5'	50	0.0	
				50	0.0	
4				20	0.0	
				20	0.0	
6				20	0.0	
				20	0.0	
8			H-5			
		CL- (Stiff) CLAY (damp) Brown, with some sand, medium plasticity, trace gravel	7.5' - 8.5'	100	0.0	
				100	0.0	
10				100	0.0	
		CL- (Medium Stiff) CLAY (damp) Brown, with some sand, medium plasticity, trace gravel		100	0.0	
				100	0.0	
12				100	0.0	
		CL- (Stiff) CLAY (damp) Brown, with some sand, medium plasticity, trace gravel		100	0.0	
				100	0.0	
14				100	0.0	
16						

Completion Notes: E.O.B. @ 15' BGS

Legend:

EOB End of Boring
Bgs. Below Ground Surface
NR No Recovery
NA Not Applicable
ft Feet



Project No.: 01-14761-0-0002

Boring Log .

Project Name: 108 Adams Street Site

Boring No.: H-6

Address: 108 Adams Street, Bay City, MI

Drill Rig: Geoprobe

Facility ID#:


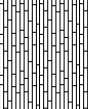

Drilling Method: Direct

Date Drilled: 8/23/2023

Sampling Method: Grab

Logged By: MD

Drilling Contractor: TP

SUBSURFACE PROFILE			SAMPLE			No Well Installed			
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)				
0		Ground Surface							
		ASPHALT							
		SM- (Dense) SILTY SAND (damp) Dark Brown, fine-medium, well graded, trace gravel	H-6	30	0.0				
				30	0.0				
2		CL- (Soft) SANDY CLAY (damp) Brown, medium plasticity, trace gravel		30	0.0				
				30	0.0				
4			H-6	90	0.0				
				90	0.0				
6				CL- (Stiff) CLAY (damp) Brown Mottled Gray, with some sand, medium plasticity, trace gravel			4.5' - 5.5'	90	0.0
								90	0.0
	90	0.0							
	100	0.0							
8	100	0.0							
	100	0.0							
10	100	0.0							
	100	0.0							
12	100	0.0							
	100	0.0							
14	100	0.0							
	100	0.0							
16									

Completion Notes: E.O.B. @ 15' BGS

Legend:

EOB End of Boring
Bgs. Below Ground Surface
NR No Recovery
NA Not Applicable
ft Feet



Project No.: 01-14761-0-0002

Boring Log .

Project Name: 108 Adams Street Site

Boring No.: H-7

Address: 108 Adams Street, Bay City, MI

Drill Rig: Geoprobe

Facility ID#:

Drilling Method: Direct

Date Drilled: 8/2023

Sampling Method: Grab

Logged By: MD

Drilling Contractor: TP

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
		ASPHALT				
		CL- (Medium Stiff) SANDY CLAY (damp) Brown, medium plasticity, trace gravel	H-7 0.5' - 1.5'	30	0.0	
2		SM- (Dense) SILTY SAND (damp) Brown, fine-medium, well graded, trace gravel		30	0.0	
				30	0.0	
4				30	0.0	
		CL- (Soft) SANDY CLAY (damp) Gray, medium plasticity, trace gravel	H-7 4' - 5'	75	0.0	
6				75	0.0	
		CL- (Stiff) CLAY (damp) Brown Mottled Gray, with some sand, medium plasticity, trace gravel		75	0.0	
8				75	0.0	
				90	0.0	
10				90	0.0	
				90	0.0	
12				90	0.0	
				80	0.0	
14				80	0.0	
				80	0.0	
16						

Completion Notes: E.O.B. @ 15' BGS

Legend:

EOB End of Boring
Bgs. Below Ground Surface
NR No Recovery
NA Not Applicable
ft Feet



Project No.: 01-14761-0-0002

Boring Log .

Project Name: 108 Adams Street Site

Boring No.: H-8

Address: 108 Adams Street, Bay City, MI

Drill Rig: Geoprobe

Facility ID#:

Drilling Method: Direct

Date Drilled: 8/24/2023

Sampling Method: Grab

Logged By: MD

Drilling Contractor: TP

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
		ASPHALT				
		CL- (Stiff) SANDY CLAY (damp) Brown, low plasticity, trace gravel	H-8 0.5' - 1.5'	50	0.0	
2				50	0.0	
				50	0.0	
4				50	0.0	
		CL- (Stiff) CLAY (damp) Brown, with some sand, medium plasticity, trace gravel	H-8 4.5' - 5.5'	100	0.0	
6				100	0.0	
				100	0.0	
8				100	0.0	
				100	0.0	
10				100	0.0	
				100	0.0	
12				50	0.0	
				50	0.0	
14				50	0.0	
16						

Completion Notes: E.O.B. @ 15' BGS

Legend:

EOB End of Boring
Bgs. Below Ground Surface
NR No Recovery
NA Not Applicable
ft Feet



Project No.: 01-14761-0-0002

Boring Log .

Project Name: 108 Adams Street Site

Boring No.: H-9

Address: 108 Adams Street, Bay City, MI

Drill Rig: Geoprobe

Facility ID#:

Drilling Method: Direct

Date Drilled: 8/24/2023

Sampling Method: Grab

Logged By: MD

Drilling Contractor: TP

SUBSURFACE PROFILE			SAMPLE			No Well Installed
Depth (ft)	Soil Type Graphic	Description and Comments	Sample Interval	% Recovery	PID (ppm)	
0		Ground Surface				
		ASPHALT				
		SM- (Medium Loose) SILTY SAND (damp)	H-9	10	0.0	
		Brown, fine-medium, well graded, trace gravel	0.5' - 1.5'	10	0.0	
2				10	0.0	
				10	0.0	
4		CL- (Stiff) CLAY (damp)	H-9	100	0.0	
		Brown Mottled Gray, with some sand, medium plasticity, trace gravel	4.5' - 5.5'	100	0.0	
6				100	0.0	
				100	0.0	
8				100	0.0	
				100	0.0	
10				100	0.0	
				100	0.0	
12				100	0.0	
				100	0.0	
14				100	0.0	
				100	0.0	
16						

Completion Notes: E.O.B. @ 15' BGS

Legend:

EOB End of Boring
 Bgs. Below Ground Surface
 NR No Recovery
 NA Not Applicable
 ft Feet



Project No.: 01-14761-0-0002
Project Name: 108 Adams Street Site
Address: 108 Adams Street, Bay City, MI
Facility ID#:
Date Drilled: 8/24/2023
Logged By: MD

Soil Gas Log:

Well No.: TSG-1
Drill Rig: Geoprobe
Sampling Method: Grab
Drilling Method: Direct
Drilling Contractor: TP

SUBSURFACE PROFILE		SAMPLE		Soil Gas Well Installed
Depth (ft.)	Description and Comments		Blow Counts PID (ppm)	
0	Ground Surface			
0	TOPSOIL		40	
0	SM- (Medium Loose) SILTY SAND (damp)		40	
2	Dark Brown, fine- medium, well graded, trace gravel		40	
2			40	
4			40	
4		TSG-1	90	
4	CL- (Stiff) CLAY (damp)	4' - 5'	90	
6	Brown Mottled Gray, with some sand, medium plasticity, trace gravel		90	
6			90	
8			90	
8			100	
10	CL- (Stiff) CLAY (damp)		100	
10	Brown, with some sand, medium plasticity, trace gravel		100	
12			100	
12			100	
14		TSG-1	100	
14		14' - 15'		
16	Clay too stiff to go deeper			
18				
20				

Completion Notes: E.O.B. @ 15' BGS

- Boring backfilled with natural soils unless otherwise noted



Project No.: 01-14761-0-0002
Project Name: 108 Adams Street Site
Address: 108 Adams Street, Bay City, MI
Facility ID#:
Date Drilled: 8/24/2023
Logged By: MD

Soil Gas Log:

Well No.: TSG-2
Drill Rig: Geoprobe
Sampling Method: Grab
Drilling Method: Direct
Drilling Contractor: TP

SUBSURFACE PROFILE		SAMPLE		Soil Gas Well Installed
Depth (ft.)	Description and Comments		Blow Counts PID (ppm)	
0	Ground Surface			
0.5' - 1.5'	GRAVEL/ TOPSOIL SM- (Medium Loose) SILTY SAND (damp) Dark Brown, fine- medium, well graded, trace gravel	TSG-2	50 0.0	
2	CL- (Stiff) CLAY (damp) Brown, with some sand, medium plasticity, trace gravel		50 0.0	
4	CL- (Stiff) CLAY (damp) Brown Mottled Gray, with some sand, medium plasticity, trace gravel		50 0.0	
6	CL- (Stiff) CLAY (damp) Brown, with some sand, medium plasticity, trace gravel		100 0.0	
8	CL- (Stiff) CLAY (damp) Brown, with some sand, medium plasticity, trace gravel		100 0.0	
10	CL- (Medium Stiff) SANDY CLAY (damp) Brown, medium plasticity, trace gravel	TSG-2	100 0.0	
12	CL- (Stiff) CLAY (damp) Brown, with some sand, medium plasticity, trace gravel		100 0.0	
14			90 0.0	
16			90 0.0	
18			50 0.0	
20			50 0.0	
	Clay too stiff to go deeper		50 0.0	

Completion Notes: E.O.B. @ 15' BGS

- Boring backfilled with natural soils unless otherwise noted