

BORING NO. & LOCATION: SURFACE ELEVATION: 864.6 feet **COMPLETION DATE:**

TEST BORING LOG

PROPOSED MATERIAL STORAGE BUILDING

1631 ARCADIAN AVENUE WAUKESHA, WISCONSIN



FIELD REP:

DAVIS LUCKETT

11/08/23

PROJECT NO: 1G-2310021

		NOJEC	INC	7. 1G-2C	10021						
MATERIAL DESCRIPTION		Depth (ft)	Elevation	Sample No. & Type	N	Q _u (tsf)	Q _p (tsf)	Q _s (tsf)	W (%)	PID	NOTES
Fill: Dark Gray Sandy Gravel with Crushed Asphalt -Moist		_	-	1-SS	22						
Fill: Dark Brown Sandy Clay, little Gravel-Moist		_	-	2-SS	15		2.3		13		
Fill: Dark Gray Sandy Silt, little Gravel, trace Organic Matter (Includes Glass)-Moist		5 —	- 860	3-SS	15		1.0		16		
Fill: Dark Gray Sandy Gravel (Includes - Asphalt Rubble and Glass)-Moist		_	-	4-SS	18						
Fill: Dark Gray Clayey Sand, little Organic Matter (Includes Asphalt Rubble, Wood Debris and Glass)-Moist		-	- 855 - -	5-SS	11						Strong Petroleum Odor
Fill: Dark Gray Sandy Clay, trace Organic Matter and Gravel-Moist		- 15 -	- - 850 -	6-SS	5				22		
Brown Sandy Silt, trace Gravel-Wet		20 —	- - 845 - -	7-SS	6						
Gray Sandy Silt, little Gravel (Includes Cobbles and Boulders)-Moist		25 	- 840 - -	8-SS	50/5"						(a)
- - - -		30 —	- 835 - - -	9-SS	50/3"				6		
 		35—	- 	10-SS	67/1"						(a)
Boring Terminated at about 36 feet (EL. 828.6') Water Observation Date											
Water Observation Dat	ta							marks:			
 ✓ Water Encountered During Drilling: 10 ft. ✓ Water Level At End of Drilling: Cave Depth At End of Drilling: ✓ Water Level After Drilling: 				(a) Poor S	Sample F	Recovery	/				
Cave Depth After Drilling:											
Changes in strata indicated by the lines are approximate boundary be	twoon oo	il types. The	actual tre	noition may	ho gradual	and may y	anı aanaid	orobly bot	voon toot h	oringo I o	action of toot b

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	Water Observation Data	Remarks:
Ā	Water Encountered During Drilling: 10 ft.	(a) Poor Sample Recovery
Ā	Water Level At End of Drilling:	
5	Cave Depth At End of Drilling:	
3 🔻	Water Level After Drilling:	
<u> </u>	Cave Depth After Drilling:	

BORING NO. & LOCATION: SURFACE ELEVATION: 862.8 feet **COMPLETION DATE:** 11/08/23 FIELD REP: DAVIS LUCKETT

TEST BORING LOG

PROPOSED MATERIAL STORAGE BUILDING

1631 ARCADIAN AVENUE WAUKESHA, WISCONSIN



PROJECT NO: 1G-2310021

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MATERIAL DESCRIPTION	Depth (ft)	Elevation	Sample No. & Type	N	Q _u (tsf)	Q _p (tsf)	Q _s (tsf)	W (%)	PID	NOTES
Fill: Dark Brown Sandy Gravel, little Silt (Includes Asphalt Rubble)-Moist	-	-	1-SS	22						
Fill: Brown fine to medium Sand, little Gravel-Moist	_	860	2-SS	9						
Fill: Dark Gray Silty fine to medium Sand, □little Gravel-Moist	5 -	-	3-SS	30				13		
Fill: Dark Gray Sandy Clay, little Organic Matter, trace Gravel (Includes Glass and Wood Debris)-Moist	- - -	- 855	4-SS	22				28		Strong Petroleum Odor
<u>-</u>	10 -	-	5-SS	22				24		Strong Petroleum Odor
Brown Sandy Clay, trace Gravel-Moist	- -	- 850	6-SS	7						
_	15 -	-	7-SS	10				10		(a)
Brown Sandy Silt, little Gravel (Includes Cobbles and Boulders)-Moist	-	_ 845	8-SS	88						
	20-	_	9-SS	65						
Augor Pofusal	20									

Auger Refusal Boring Terminated at about 20 feet (EL. 842.8')

GDT 11/22/23	- -		
1.GPJ GILES.GDT	-		
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32310		Water Observation Data	Remarks:
RT 1G231002	<u>∑</u>	Water Observation Data Water Encountered During Drilling: 11 ft.	Remarks: (a) Poor Sample Recovery
7	Ā Ā		
G REPORT 1G2310		Water Encountered During Drilling: 11 ft.	
7	Ā	Water Encountered During Drilling: 11 ft. Water Level At End of Drilling:	

BORING NO. & LOCATION: TEST BORING LOG 3 **SURFACE ELEVATION:** PROPOSED MATERIAL STORAGE BUILDING 861.8 feet **COMPLETION DATE:** 1631 ARCADIAN AVENUE WAUKESHA, WISCONSIN 11/08/23 **GILES ENGINEERING** ASSOCIATES, INC. FIELD REP: DAVIS LUCKETT PROJECT NO: 1G-2310021 Sample No. & Type Depth (ft) Elevation Q_u Q_{p} Q_s W **MATERIAL DESCRIPTION** N PID **NOTES** (tsf) (tsf) (tsf) (%) Fill: Gray Sandy Gravel (Includes Asphalt Rubble)-Moist **1-SS** 18 860 **2-SS** 15 Fill: Dark Gray Gravelly fine to medium Strong Sand, little Organic Matter-Moist Petroleum 5 **3-SS** 9 Odor 855 Strong Petroleum **4-SS** 24 Odor Fill: Dark Gray Clayey fine to medium Sand Strong with Organic Matter (Includes Wood Petroleum 10 Debris)-Moist **5-SS** 24 Odor $\bar{\Delta}$ Fill: Brown Sandy Gravel, little Clay-Moist 850 **6-SS** 12 Auger Refusal Boring Terminated at about 14.5 feet (EL. 847.3') **Water Observation Data** Remarks: Water Encountered During Drilling: 11 ft. <u>Ā</u> Water Level At End of Drilling: Cave Depth At End of Drilling: 88888

GILES LOG REPORT 1G2310021.GPJ GILES.GDT 11/22/23

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Water Level After Drilling: Cave Depth After Drilling:

BORING NO. & LOCATION: SURFACE ELEVATION: 864.6 feet **COMPLETION DATE:** 11/08/23

TEST BORING LOG

PROPOSED MATERIAL STORAGE BUILDING

1631 ARCADIAN AVENUE WAUKESHA, WISCONSIN



FIELD REP:

DAVIS LUCKETT

PROJECT NO: 1G-2310021

	IVOSEC	I INC	7. 1G-2G	10021						
	Depth (ft)	Elevation	Sample No. & Type	N	Q _u (tsf)	Q _p (tsf)	Q _s (tsf)	W (%)	PID	NOTES
	_	-	1-SS	22						
	- -	- -	2-SS	15		2.3		13		
	5 —	 860 -	3-SS	15		1.0		16		
	-	_	4-SS	18						
	¥ 10 -	- 855 - -	5-SS	11						Strong Petroleum Odor
	15 -	- - 850 -	6-SS	5				22		
	20 —	- - 845 -	7-SS	6						
	25 - -	- 840 - -	8-SS	50/5"						(a)
	30 —	- 835 - -	9-SS	50/3"				6		
	35—	- 830 	10-SS	67/1"						(a)
1							marks:			
			(a) Poor S	ample F	Recovery	/				
		(#) Hyded	(#) Hotel Properties (#) Properties	(#) Hope and the second of the	### Line Line	1-SS 22 2-SS 15 5-860 3-SS 15 4-SS 18 4-SS 18 20-855 5-SS 11 20-845 7-SS 6 25-840 8-SS 50/5" 30-835 9-SS 50/3"	1-SS 22 2-SS 15 2.3	SE Sign Si	### Figure Figure	Second S

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	Water Observation Data	Remarks:
Ā	Water Encountered During Drilling: 10 ft.	(a) Poor Sample Recovery
Ā	Water Level At End of Drilling:	
5	Cave Depth At End of Drilling:	
3 🔻	Water Level After Drilling:	
<u> </u>	Cave Depth After Drilling:	

BORING NO. & LOCATION: 2 SURFACE ELEVATION: 862.8 feet COMPLETION DATE: 11/08/23 FIELD REP: DAVIS LUCKETT

TEST BORING LOG

PROPOSED MATERIAL STORAGE BUILDING

1631 ARCADIAN AVENUE WAUKESHA, WISCONSIN



PROJECT NO: 1G-2310021

	·	KOJEC	, 1 140	. 10-20	10021						
MATERIAL DESCRIPTION	DN	Depth (ft)	Elevation	Sample No. & Type	N	Q _u (tsf)	Q _p (tsf)	Q _s (tsf)	W (%)	PID	NOTES
Fill: Dark Brown Sandy Gravel, little (Includes Asphalt Rubble)-Moist	Silt	-	-	1-SS	22						
Fill: Brown fine to medium Sand, little Gravel-Moist	e 💢	- -	860	2-SS	9						
Fill: Dark Gray Silty fine to medium Stittle Gravel-Moist	Sand,	5 -	-	3-SS	30				13		
Fill: Dark Gray Sandy Clay, little Org. Matter, trace Gravel (Includes Glass Wood Debris)-Moist	anic and	-	- 855	4-SS	22				28		Strong Petroleum Odor
		10 —	-	5-SS	22				24		Strong Petroleum Odor
Brown Sandy Clay, trace Gravel-Moi	st	-	850 	6-SS	7						
		15 -	-	7-SS	10				10		(a)
Brown Sandy Silt, little Gravel (Includ Cobbles and Boulders)-Moist	les	- -	_ — 845	8-SS	88						
		-		9-SS	65						

Auger Refusal

Boring Terminated at about 20 feet (EL. 842.8')

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62		Water Observation Data	Remarks:	
RT 1G231	Ā	Water Observation Data Water Encountered During Drilling: 11 ft.	(a) Poor Sample Recovery	
7				
G REPORT 1G2		Water Encountered During Drilling: 11 ft.		
7	Ā	Water Encountered During Drilling: 11 ft. Water Level At End of Drilling:		

BORING NO. & LOCATION: TEST BORING LOG 3 **SURFACE ELEVATION:** PROPOSED MATERIAL STORAGE BUILDING 861.8 feet **COMPLETION DATE:** 1631 ARCADIAN AVENUE WAUKESHA, WISCONSIN 11/08/23 **GILES ENGINEERING** ASSOCIATES, INC. FIELD REP: DAVIS LUCKETT PROJECT NO: 1G-2310021 Sample No. & Type Depth (ft) Elevation Q_u Q_{p} Q_s W **MATERIAL DESCRIPTION** N PID **NOTES** (tsf) (tsf) (tsf) (%) Fill: Gray Sandy Gravel (Includes Asphalt Rubble)-Moist **1-SS** 18 860 **2-SS** 15 Fill: Dark Gray Gravelly fine to medium Strong Sand, little Organic Matter-Moist Petroleum 5 **3-SS** 9 Odor 855 Strong Petroleum **4-SS** 24 Odor Fill: Dark Gray Clayey fine to medium Sand Strong with Organic Matter (Includes Wood Petroleum 10 Debris)-Moist **5-SS** 24 Odor $\bar{\Delta}$ Fill: Brown Sandy Gravel, little Clay-Moist 850 **6-SS** 12 Auger Refusal Boring Terminated at about 14.5 feet (EL. 847.3') **Water Observation Data** Remarks: Water Encountered During Drilling: 11 ft. Ā Water Level At End of Drilling: Cave Depth At End of Drilling: 88888 Ţ Water Level After Drilling:

GILES LOG REPORT 1G2310021.GPJ GILES.GDT 12/28/23

Cave Depth After Drilling:

BORING NO. & LOCATION: 4 SURFACE ELEVATION: 107.1 feet COMPLETION DATE: 12/18/23 FIELD REP: DAVIS LUCKETT MATERIAL DESC Fill: Dark Brown Sandy Clay, I (Includes Crushed Asphalt)-Material

TEST BORING LOG

PROPOSED MATERIAL STORAGE BUILDING

1631 ARCADIAN AVENUE WAUKESHA, WISCONSIN



PROJECT NO: 1G-2310021

MATERIAL DESCRIPTION	Depth (ft)	Elevation	Sample No. & Type	N	Q _u (tsf)	Q _p (tsf)	Q _s (tsf)	W (%)	PID	NOTES
Fill: Dark Brown Sandy Clay, little Gravel (Includes Crushed Asphalt)-Moist	-	-	1-SS	12						
	-	105	2-SS	14		1.0		19		
Fill: Dark Brown lean Clay, little Sand, trace Gravel and Organic Material-Moist	5—	<u>-</u>	3-SS	12		1.5		16		
	-	— 100 —	4-SS	50/2"		2.5		11		(a) (b)
Gray lean Clay, little Sand-Moist	10 —	_	5-SS	10				23		

Boring Terminated at about 11 feet (EL. 96.1')

21.GPJ GILES.GDT 12/28/23			
G231002		Water Observation Data	Remarks:
	<u>∇</u>	Water Encountered During Drilling:	(a) Boulder Present at 7 feet (b) Poor Sample Recovery
REPORT	Ā	Water Level At End of Drilling:	(b) Poor Sample Recovery
. B.	10000000	Cave Depth At End of Drilling:	
ES LC	<u>¥</u>	Water Level After Drilling:	
		Cave Depth After Drilling:	

BORING NO. & LOCATION:

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TEST BORING LOG

SURFACE ELEVATION:

106.5 feet

PROPOSED MATERIAL STORAGE BUILDING

COMPLETION DATE:

1 DATE.

12/18/23

1631 ARCADIAN AVENUE WAUKESHA, WISCONSIN



GILES ENGINEERING ASSOCIATES, INC.

FIELD REP:

DAVIS LUCKETT

PROJECT NO: 1G-2310021

MATERIAL DESCRIPTION		Depth (ft)	Elevation	Sample No. & Type	N	Q _u (tsf)	Q _p (tsf)	Q _s (tsf)	W (%)	PID	NOTES
Fill: Dark Brown Gravelly Sand, little Clay (Includes Asphalt rubble)-Moist		-	- 105	1-SS	29						
Fill: Dark Brown Sandy Clay, trace Gravel-Moist		_	-	2-SS	14		1.0		22		
_Fill: Black fine Sand, trace Gravel and Organic Matter-Moist		5 -	-	3-SS	20				17		
Fill: Dark Brown Sandy Clay, little Gravel (Includes Cobbles and Boulders)-Moist		<u>-</u>	— 100 - -	4-SS	16		4.5+		14		
_Fill: Dark Brown lean Clay, trace Organic Matter-Moist		10 —	- -	5-SS	18		1.5		36		
Fill: Brown lean Clay, little Sand-Moist		- - - - -	 95 - -	6-SS	25		1.5		21		(a)
Brown Clayey fine to medium Sand, little Gravel-Wet		15 -	- - - 90	7-SS	14						
Brown Sandy Clay, trace Gravel-Wet		_	- - -		_						
-		20 —	– – 85	8-SS	23				9		(b)
Gray Silty fine to medium Sand, trace Gravel-Moist		-	- -								
-		25 - -	- 80 -	9-SS	50/5"						
Gray Gravelly fine to medium Sand-Moist	000	_	-								
-		30 —	_	10-SS	50/4"						

Boring Terminated at about 31 feet (EL. 75.5')

	75.5')		
12/28/23			
10 10 10 10 10			
GILES			
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1002		T	
	Water Observation Data	Remarks:	
16231	Water Observation Data ✓ Water Encountered During Drilling: 14 ft.		
16231		Remarks: (a) No SPT Recovery - Auger Sample Obtained (b) Poor Sample Recovery	
EPORT 16231	☑ Water Encountered During Drilling: 14 ft.		
OG REPORT 1G231	✓ Water Encountered During Drilling: 14 ft.✓ Water Level At End of Drilling:		

BORING NO. & LOCATION:	TEST BORING LOG									<u> </u>			
SURFACE ELEVATION: 105.2 feet	PROPOSED MATERIAL STORAGE BUILDING									分	7		
COMPLETION DATE: 12/18/23		_	DIAN AVENUE A, WISCONSIN					GILES ENGINEERING					
FIELD REP: DAVIS LUCKETT	I	PROJEC	OJECT NO: 1G-2310021						ASSOCIATES, INC.				
MATERIAL DESCRIPTION		Depth (ft)	Elevation	Sample No. & Type	N	Q _u (tsf)	Q _p (tsf)	Q _s (tsf)	W (%)	PID	NOTES		
±4" Crushed Asphalt-Concrete			- 105										
- Fill: Brown fine Sand, little Silt and Gravel-Moist		_	_	1-SS	27								
Fill: Brown Gravelly fine to medium (Includes Cobbles and Boulders)-Mo	Sand pist	_	_ _ _	2-SS	36								
Fill: Dark Brown Silty fine Sand, little (Includes Asphalt rubble) (Includes 6 and Boulders)-Moist	e Gravel Cobbles	5—	100	3-SS	50/2"								
Fill: Gray Gravelly fine to medium Sand-Moist		_	_ - -	4-SS	25								
Fill: Black Silty fine to medium Sand Organic Matter-Moist	I, little	10—	- - 95	5-SS	6				20				
Boring Terminated at about 11 feet (94.2')	(EL.												
Water Observ ✓ Water Encountered During Dril ✓ Water Level At End of Drilling: Cave Depth At End of Drilling: Water Level After Drilling: Cave Depth After Drilling: Cave Depth After Drilling:													
Water Observation Data							Re	marks:					
✓ Water Encountered During Dril	ling:												
✓ Water Level At End of Drilling:Cave Depth At End of Drilling:													
▼ Water Level After Drilling:													
Cave Depth After Drilling:													
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PODING NO. 8 LOCATION														
BORING NO. & LOCATION: 7	TEST BORING LOG									<u> </u>				
SURFACE ELEVATION:	PROPOS													
COMPLETION DATE: 12/18/23			DIAN AVENUE A, WISCONSIN					GILES ENGINEERING						
FIELD REP:										ASSOCIATES, INC.				
DAVIS LUCKETT	PROJEC	TNC	D: 1G-23	10021										
MATERIAL DESCRIPTION		Depth (ft)	Elevation	Sample No. & Type	N	Q _u (tsf)	Q _p (tsf)	Q _s (tsf)	W (%)	PID	NOTES			
Fill: Dark Brown Silty fine to mediur little Gravel-Moist	n Sand,	_		1-SS	19									
-		_		2-SS	32				9		(a)			
Fill: Brown Sandy Clay, little Gravel	-Moist	5 —		3-SS	15		1.8		10					
Fill: Black Gravelly Sand (Includes a Asphalt, Wood debris, and Glass)-N	crushed Moist			4-SS	15						Strong Petroleum Odor			
- -		10 —		5-SS	29				69		Slight Petroleum Odor			
Boring Terminated at about 11 feet														
- -														
-														
Water Observ ✓ Water Encountered During Dril ✓ Water Level At End of Drilling: Cave Depth At End of Drilling: Water Level After Drilling: Cave Depth After Drilling:														
Water Observation Data				Remarks:										
				(a) Poor S	ample F	Recovery	У							
Water Level At End of Drilling:														
Cave Depth At End of Drilling: Water Level After Drilling:														
Cave Depth After Drilling:														
Java Dopai / ator Dilling.			- 1											

BORING NO. & LOCATION:												
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SURFACE ELEVATION:	PROPOSI											
COMPLETION DATE: 12/18/23	1631 ARCADIAN AVENUE WAUKESHA, WISCONSIN							GILES ENGINEERING				
	WAOREC)	, 111000	110111		_	_	_	_			
FIELD REP: DAVIS LUCKETT	F	PROJECT	NC): 1G-23	10021			ASSOCIATES, INC.				
MATERIAL DESCRIPTI	ON	Depth (ft)	Elevation	Sample No. & Type	N	Q _u (tsf)	Q _p (tsf)	Q _s (tsf)	W (%)	PID	NOTES	
±6" Gravel			Ш									
Fill: Dark Brown fine to medium Sar - Gravel and Silt-Moist	nd, little			1-SS	19							
		-		2-SS	10							
Fill: Dark Brown Sandy Clay, little Gravel-Moist		5 –		3-SS	14	1.5	3.0		13			
Fill: Black fine to medium Sand, little and Clay (Includes Glass)-Moist	e Gravel	-		4-SS	11							
- -		10 —		5-SS	9						(a)	
- -		-		6-SS	9						(a)	
Fill: Gray lean Clay, trace Sandy Gr and Wood debris-Moist	avel,	15 —		7-SS	10	0.8	0.8		26			
Brown Silty fine Sand, little Gravel-N	Moist (
- - -		20 -		8-SS	13							
- - - -		25 -		9-SS	45						(a)	
Boring Terminated at about 27 feet	. .					ı				I		
Water Observation Data				Remarks:								
				(a) Poor Sample Recovery								