








BORING NO. & LOCATION: 1	TEST BORING LOG PROPOSED MATERIAL STORAGE BUILDING 1631 ARCADIAN AVENUE WAUKESHA, WISCONSIN PROJECT NO: 1G-2310021	 GILES ENGINEERING ASSOCIATES, INC.
SURFACE ELEVATION: 864.6 feet		
COMPLETION DATE: 11/08/23		
FIELD REP: DAVIS LUCKETT		

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	10	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	830	10-SS	67/1"						(a)

Auger Refusal
Boring Terminated at about 36 feet (EL. 828.6')






Water Observation Data		Remarks:
	Water Encountered During Drilling: 10 ft.	(a) Poor Sample Recovery
	Water Level At End of Drilling:	
	Cave Depth At End of Drilling:	
	Water Level After Drilling:	
	Cave Depth After Drilling:	

Changes in strata indicated by the lines are approximate boundary between soil types. The actual transition may be gradual and may vary considerably between test borings. Location of test boring is shown on the Boring Location Plan.


BORING NO. & LOCATION: 2	<h1>TEST BORING LOG</h1>	 <p>GILES ENGINEERING ASSOCIATES, INC.</p>	
SURFACE ELEVATION: 862.8 feet			PROPOSED MATERIAL STORAGE BUILDING 1631 ARCADIAN AVENUE WAUKESHA, WISCONSIN
COMPLETION DATE: 11/08/23			
FIELD REP: DAVIS LUCKETT			
PROJECT NO: 1G-2310021			


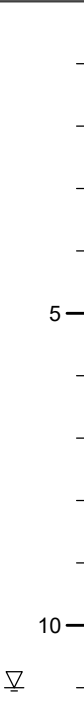



MATERIAL DESCRIPTION	Depth (ft)	Elevation	Sample No. & Type	N	Q _u (tsf)	Q _p (tsf)	Q _s (tsf)	W (%)	PID	NOTES
Fill: Dark Brown Sandy Gravel, little Silt (Includes Asphalt Rubble)-Moist			1-SS	22						
Fill: Brown fine to medium Sand, little Gravel-Moist		860	2-SS	9						
Fill: Dark Gray Silty fine to 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
	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						

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






Water Observation Data		Remarks:
	Water Encountered During Drilling: 11 ft.	(a) Poor Sample Recovery
	Water Level At End of Drilling:	
	Cave Depth At End of Drilling:	
	Water Level After Drilling:	
	Cave Depth After Drilling:	

Changes in strata indicated by the lines are approximate boundary between soil types. The actual transition may be gradual and may vary considerably between test borings. Location of test boring is shown on the Boring Location Plan.


BORING NO. & LOCATION: 3	<h1>TEST BORING LOG</h1>	 GILES ENGINEERING ASSOCIATES, INC.	
SURFACE ELEVATION: 861.8 feet			PROPOSED MATERIAL STORAGE BUILDING 1631 ARCADIAN AVENUE WAUKESHA, WISCONSIN
COMPLETION DATE: 11/08/23			
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: Gray Sandy Gravel (Includes Asphalt Rubble)-Moist			860	1-SS	18						Strong Petroleum Odor
				2-SS	15						
Fill: Dark Gray Gravelly fine to medium Sand, little Organic Matter-Moist		5	855	3-SS	9						
				4-SS	24						
Fill: Dark Gray Clayey fine to medium Sand with Organic Matter (Includes Wood Debris)-Moist		10	Ground Symbol	5-SS	24						
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.	
	Water Level At End of Drilling:	
	Cave Depth At End of Drilling:	
	Water Level After Drilling:	
	Cave Depth After Drilling:	

Changes in strata indicated by the lines are approximate boundary between soil types. The actual transition may be gradual and may vary considerably between test borings. Location of test boring is shown on the Boring Location Plan.


BORING NO. & LOCATION: 1	TEST BORING LOG PROPOSED MATERIAL STORAGE BUILDING 1631 ARCADIAN AVENUE WAUKESHA, WISCONSIN PROJECT NO: 1G-2310021	 GILES ENGINEERING ASSOCIATES, INC.
SURFACE ELEVATION: 864.6 feet		
COMPLETION DATE: 11/08/23		
FIELD REP: DAVIS LUCKETT		

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	10	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	830	10-SS	67/1"						(a)

Auger Refusal
Boring Terminated at about 36 feet (EL. 828.6')






Water Observation Data		Remarks:
	Water Encountered During Drilling: 10 ft.	(a) Poor Sample Recovery
	Water Level At End of Drilling:	
	Cave Depth At End of Drilling:	
	Water Level After Drilling:	
	Cave Depth After Drilling:	

Changes in strata indicated by the lines are approximate boundary between soil types. The actual transition may be gradual and may vary considerably between test borings. Location of test boring is shown on the Boring Location Plan.


BORING NO. & LOCATION: 2	TEST BORING LOG PROPOSED MATERIAL STORAGE BUILDING 1631 ARCADIAN AVENUE WAUKESHA, WISCONSIN PROJECT NO: 1G-2310021	 GILES ENGINEERING ASSOCIATES, INC.
SURFACE ELEVATION: 862.8 feet		
COMPLETION DATE: 11/08/23		
FIELD REP: DAVIS LUCKETT		






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
	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						

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






Water Observation Data		Remarks:
	Water Encountered During Drilling: 11 ft.	(a) Poor Sample Recovery
	Water Level At End of Drilling:	
	Cave Depth At End of Drilling:	
	Water Level After Drilling:	
	Cave Depth After Drilling:	

Changes in strata indicated by the lines are approximate boundary between soil types. The actual transition may be gradual and may vary considerably between test borings. Location of test boring is shown on the Boring Location Plan.


BORING NO. & LOCATION: 3	<h1>TEST BORING LOG</h1>	 <p>GILES ENGINEERING ASSOCIATES, INC.</p>	
SURFACE ELEVATION: 861.8 feet			PROPOSED MATERIAL STORAGE BUILDING 1631 ARCADIAN AVENUE WAUKESHA, WISCONSIN
COMPLETION DATE: 11/08/23			
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: Gray Sandy Gravel (Includes Asphalt Rubble)-Moist			860	1-SS	18						Strong Petroleum Odor
				2-SS	15						
Fill: Dark Gray Gravelly fine to medium Sand, little Organic Matter-Moist		5	855	3-SS	9						
				4-SS	24						
Fill: Dark Gray Clayey fine to medium Sand with Organic Matter (Includes Wood Debris)-Moist		10	Ground Symbol	5-SS	24						
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.	
	Water Level At End of Drilling:	
	Cave Depth At End of Drilling:	
	Water Level After Drilling:	
	Cave Depth After Drilling:	

Changes in strata indicated by the lines are approximate boundary between soil types. The actual transition may be gradual and may vary considerably between test borings. Location of test boring is shown on the Boring Location Plan.

BORING NO. & LOCATION: 4	<h1>TEST BORING LOG</h1>	 <p>GILES ENGINEERING ASSOCIATES, INC.</p>	
SURFACE ELEVATION: 107.1 feet			PROPOSED MATERIAL STORAGE BUILDING 1631 ARCADIAN AVENUE WAUKESHA, WISCONSIN
COMPLETION DATE: 12/18/23			
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 Sandy Clay, little Gravel (Includes Crushed Asphalt)-Moist			1-SS	12		1.0		19		
			2-SS	14						
Fill: Dark Brown lean Clay, little Sand, trace Gravel and Organic Material-Moist	5		3-SS	12		1.5		16		(a) (b)
			4-SS	50/2"						
			5-SS	10						
Gray lean Clay, little Sand-Moist	10							23		

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

Water Observation Data		Remarks:
	Water Encountered During Drilling:	(a) Boulder Present at 7 feet (b) Poor Sample Recovery
	Water Level At End of Drilling:	
	Cave Depth At End of Drilling:	
	Water Level After Drilling:	
	Cave Depth After Drilling:	






Changes in strata indicated by the lines are approximate boundary between soil types. The actual transition may be gradual and may vary considerably between test borings. Location of test boring is shown on the Boring Location Plan.

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


BORING NO. & LOCATION: 5	TEST BORING LOG PROPOSED MATERIAL STORAGE BUILDING 1631 ARCADIAN AVENUE WAUKESHA, WISCONSIN PROJECT NO: 1G-2310021	 GILES ENGINEERING ASSOCIATES, INC.
SURFACE ELEVATION: 106.5 feet		
COMPLETION DATE: 12/18/23		
FIELD REP: DAVIS LUCKETT		

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	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		7-SS	14						
Brown Sandy Clay, trace Gravel-Wet	20		8-SS	23				9		(b)
Gray Silty fine to medium Sand, trace Gravel-Moist	25		9-SS	50/5"						
Gray Gravelly fine to medium Sand-Moist	30		10-SS	50/4"						

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






	Water Observation Data	Remarks:
	Water Encountered During Drilling: 14 ft.	(a) No SPT Recovery - Auger Sample Obtained (b) Poor Sample Recovery
	Water Level At End of Drilling:	
	Cave Depth At End of Drilling:	
	Water Level After Drilling:	
	Cave Depth After Drilling:	

Changes in strata indicated by the lines are approximate boundary between soil types. The actual transition may be gradual and may vary considerably between test borings. Location of test boring is shown on the Boring Location Plan.


BORING NO. & LOCATION: 6	<h1>TEST BORING LOG</h1>	 <p>GILES ENGINEERING ASSOCIATES, INC.</p>	
SURFACE ELEVATION: 105.2 feet			PROPOSED MATERIAL STORAGE BUILDING 1631 ARCADIAN AVENUE WAUKESHA, WISCONSIN
COMPLETION DATE: 12/18/23			
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
±4" Crushed Asphalt-Concrete		105								
Fill: Brown fine Sand, little Silt and Gravel-Moist			1-SS	27						
Fill: Brown Gravelly fine to medium Sand (Includes Cobbles and Boulders)-Moist			2-SS	36						
Fill: Dark Brown Silty fine Sand, little Gravel (Includes Asphalt rubble) (Includes Cobbles and Boulders)-Moist	5	100	3-SS	50/2"						
Fill: Gray Gravelly fine to medium Sand-Moist			4-SS	25						
Fill: Black Silty fine to medium Sand, little Organic Matter-Moist	10	95	5-SS	6				20		

Boring Terminated at about 11 feet (EL. 94.2')






Water Observation Data		Remarks:
	Water Encountered During Drilling:	
	Water Level At End of Drilling:	
	Cave Depth At End of Drilling:	
	Water Level After Drilling:	
	Cave Depth After Drilling:	

Changes in strata indicated by the lines are approximate boundary between soil types. The actual transition may be gradual and may vary considerably between test borings. Location of test boring is shown on the Boring Location Plan.


BORING NO. & LOCATION: 7	<h1>TEST BORING LOG</h1>	 GILES ENGINEERING ASSOCIATES, INC.	
SURFACE ELEVATION:			PROPOSED MATERIAL STORAGE BUILDING
COMPLETION DATE: 12/18/23			1631 ARCADIAN AVENUE WAUKESHA, WISCONSIN
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 Silty fine to medium Sand, little Gravel-Moist	5		1-SS	19	1.8			9		(a)
			2-SS	32						
Fill: Brown Sandy Clay, little Gravel-Moist										
			3-SS	15						
Fill: Black Gravelly Sand (Includes crushed Asphalt, Wood debris, and Glass)-Moist										
	10		4-SS	15						Strong Petroleum Odor
			5-SS	29						
								69		Slight Petroleum Odor

Boring Terminated at about 11 feet

Water Observation Data		Remarks:
	Water Encountered During Drilling:	(a) Poor Sample Recovery
	Water Level At End of Drilling:	
	Cave Depth At End of Drilling:	
	Water Level After Drilling:	
	Cave Depth After Drilling:	

Changes in strata indicated by the lines are approximate boundary between soil types. The actual transition may be gradual and may vary considerably between test borings. Location of test boring is shown on the Boring Location Plan.

BORING NO. & LOCATION: 8	<h1>TEST BORING LOG</h1>	 <p>GILES ENGINEERING ASSOCIATES, INC.</p>	
SURFACE ELEVATION:			PROPOSED MATERIAL STORAGE BUILDING
COMPLETION DATE: 12/18/23			1631 ARCADIAN AVENUE WAUKESHA, WISCONSIN
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
±6" Gravel			1-SS	19						
Fill: Dark Brown fine to medium Sand, little Gravel and Silt-Moist			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 Gravel and Clay (Includes Glass)-Moist			4-SS	11						
	10		5-SS	9						(a)
			6-SS	9						(a)
Fill: Gray lean Clay, trace Sandy Gravel, and Wood debris-Moist	15		7-SS	10	0.8	0.8		26		
Brown Silty fine Sand, little Gravel-Moist										
	20		8-SS	13						
	25		9-SS	45						(a)

Boring Terminated at about 27 feet

	Water Observation Data	Remarks:
▽	Water Encountered During Drilling: 19.5 ft.	(a) Poor Sample Recovery
▼	Water Level At End of Drilling:	
⋯	Cave Depth At End of Drilling:	
▼	Water Level After Drilling:	
■	Cave Depth After Drilling:	

Changes in strata indicated by the lines are approximate boundary between soil types. The actual transition may be gradual and may vary considerably between test borings. Location of test boring is shown on the Boring Location Plan.