



Legend

☉ Denotes Boring Location



Scale: Reduced

Notes

1. Soil Borings performed by Badger State Drilling in November 2021 (except for B1, B5, B9 and B10)
2. Boring locations are approximate



Soil Boring Location Map
Lake Mendota Drive
Madison, WI

Date:
12/2021

Job No.
C21051-25



LOG OF TEST BORING

Project Lake Mendota Dr. (Mendota Grassman)
 Camelot: 90'NW of Baker, 8'NE of Centerline
 Location Madison, WI

Boring No. 1
 Surface Elevation (ft) 858±
 Job No. C21051-10
 Sheet 1 of 1

2921 Perry Street, Madison, WI 53713 (608) 288-4100, FAX (608) 288-7887

SAMPLE					VISUAL CLASSIFICATION and Remarks	SOIL PROPERTIES				
No.	Rec (in.)	Moist	N	Depth (ft)		qu (tsf)	W	LL	PL	LI
					4 in. Asphalt Pavement/8 in. Base Course					
1	18	M	11		FILL: Medium Dense Brown and Dark Brown Sand with Clay to 3'					
2	18	M	4		Soft to Medium Stiff Bluish-Gray Sandy Clay to 5'	(0.5)				
				5	Medium Dense Sand with Gravel to 8'					
3	18	M/W	27							
				10	Medium Dense, Brown Sandy SILT, Trace to Little Gravel and Clay (ML)					
4	18	W	20							
5	20	W	21							
6	24	W	41		Dense to Very Dense, Brown Silty Fine SAND, Some Gravel, Trace Clay (SM)					
7	20	W	58/10"							
8	10	W	8		Loose, Light Brown Fine SAND, Some Silt, Trace Gravel (SM)					
9	24	W	18							
10	24	W	19		Medium Dense to Dense, Brown Fine to Medium SAND, Some Silt and Gravel, Scattered Cobbles and Boulders (SM)					
11	15	W	49							
12	0	-	50/2"		Presumed Bedrock (Hard Drilling)					
				25	End Boring at 25 ft Due to Auger Refusal on Presumed Bedrock/Possible Boulder					
				30	Borehole backfilled with bentonite chips and asphalt patch					

WATER LEVEL OBSERVATIONS					GENERAL NOTES								
While Drilling	∇ 8.5'	Upon Completion of Drilling	6'	Start	7/21/21	End	7/21/21	Driller	BSD	Chief	MC	Rig	CME-55
Time After Drilling			3 Hour	Logger	GB	Editor	ESF	Drill Method	2.25" HSA; Autohammer				
Depth to Water			6'										
Depth to Cave in			8'										
<small>The stratification lines represent the approximate boundary between soil types and the transition may be gradual.</small>													



LOG OF TEST BORING

Project Lake Mendota Drive
200' SE of Baker, 5' NE of Centerline
 Location Madison, WI

Boring No. 2
 Surface Elevation (ft) 868±
 Job No. C21051-25
 Sheet 1 of 1

2921 Perry Street, Madison, WI 53713 (608) 288-4100, FAX (608) 288-7887

SAMPLE					VISUAL CLASSIFICATION and Remarks	SOIL PROPERTIES				
No.	DEPTH (in.)	Rec (in.)	Moist	N		Depth (ft)	qu (qa) (tsf)	W	LL	PL
					X	4.5 in. Asphalt Pavement/3 in. Base Course				
1	12	M	6			FILL: Loose Brown Sand with Silt, Clay and Gravel				
2	16	M	10		5	Loose to Medium Dense, Brown Fine to Medium SAND, Some Silt and Gravel, Scattered Cobbles and Boulders (SM - Possible Fill)				
3	18	M	4			Loose to Very Loose, Light Brown Fine SAND, Some Silt (SM)				
4	12	W	2		10	Very Loose, Light Brown Fine to Medium SAND, Trace to Little Silt and Gravel (SP/SP-SM)				
5	18	W	7			Loose, Light Brown Fine to Medium SAND, Trace to Little Silt and Gravel (SP/SP-SM)				
6	18	W	8		15	End Boring at 15 ft				
Borehole backfilled with bentonite chips and asphalt patch										

WATER LEVEL OBSERVATIONS					GENERAL NOTES				
While Drilling	∇ 8.5'	Upon Completion of Drilling			Start	11/24/21	End	11/24/21	
Time After Drilling					Driller	BSD	Chief	MC	Rig CME-55
Depth to Water					Logger	KD	Editor	ESF	
Depth to Cave in					Drill Method	2.25" HSA; Autohammer			
The stratification lines represent the approximate boundary between soil types and the transition may be gradual.									



LOG OF TEST BORING

Project Lake Mendota Drive
55'NW of Upham, 9'NE of Centerline
 Location Madison, WI

Boring No. 3
 Surface Elevation (ft) 861±
 Job No. C21051-25
 Sheet 1 of 1

2921 Perry Street, Madison, WI 53713 (608) 288-4100, FAX (608) 288-7887

SAMPLE					VISUAL CLASSIFICATION and Remarks	SOIL PROPERTIES				
No.	Rec (in.)	Moist	N	Depth (ft)		qu (qa) (tsf)	W	LL	PL	LI
				0	X	3 in. Asphalt Pavement/6 in. Base Course				
1	14	M	6	6	█	FILL: Medium Stiff Brown Clay				
				5	█					
2	16	M	10	10	█	Stiff, Brown Lean CLAY (CL - Possible Fill)				
				5	█					
3	10	M/W	12	12	█	Medium Dense, Brown Clayey SAND, Some Silt, Little Gravel (SC - Possible Fill)				
				10	█					
4	8	W	5	5	█	Loose to Very Loose, Brown-Gray Fine to Coarse SAND, Some Silt and Gravel, Trace Clay (SM - Possible Fill)				
				10	█					
5	18	W	2	2	█					
				15	█					
6	18	W	5	5	█	Loose, Light Rust-Brown Fine to Medium SAND, Trace to Little Silt and Gravel (SP/SP-SM)				
				15	█					
					15	End Boring at 15 ft				
					15	Borehole backfilled with bentonite chips and asphalt patch				
				20	█					

WATER LEVEL OBSERVATIONS	GENERAL NOTES
While Drilling ∇ <u>8.5'</u> Upon Completion of Drilling _____ Time After Drilling _____ Depth to Water _____ Depth to Cave in _____	Start <u>11/24/21</u> End <u>11/24/21</u> Driller <u>BSD</u> Chief <u>MC</u> Rig <u>CME-55</u> Logger <u>KD</u> Editor <u>ESF</u> Drill Method <u>2.25" HSA; Autohammer</u>
The stratification lines represent the approximate boundary between soil types and the transition may be gradual.	



LOG OF TEST BORING

Project Lake Mendota Drive
 Location Capital: 100'E of LMD, Near Centerline
Madison, WI

Boring No. 4
 Surface Elevation (ft) 858±
 Job No. C21051-25
 Sheet 1 of 1

2921 Perry Street, Madison, WI 53713 (608) 288-4100, FAX (608) 288-7887

SAMPLE					VISUAL CLASSIFICATION and Remarks	SOIL PROPERTIES				
No.	Rec (in.)	Moist	N	Depth (ft)		q _u (qa) (tsf)	W	LL	PL	LI
				0	9 in. Base Course					
1	18	M	9	9	FILL: Loose Brown Silt with Some Clay and Traces Sand					
2	16	M	4	4	Stiff, Brown and Reddish-Brown (Mottled) Lean CLAY (CL)	(1.25)				
3	10	W	12	12	Medium Dense, Brown Fine to Medium SAND, Little to Some Silt and Gravel (SP-SM/SM)					
4	18	W	15	15						
5	16	W	14	14						
6	0	-	50/2"	14	End Boring at 14 ft Due to Auger Refusal on Presumed Boulder or Possible Bedrock					
				15	Borehole backfilled with bentonite chips and asphalt patch					
				20						

WATER LEVEL OBSERVATIONS					GENERAL NOTES					
While Drilling	∇	6.0'	Upon Completion of Drilling		Start	11/24/21	End	11/24/21		
Time After Drilling					Driller	BSD	Chief	MC	Rig	CME-55
Depth to Water					Logger	KD	Editor	ESF		
Depth to Cave in					Drill Method	2.25" HSA; Autohammer				
The stratification lines represent the approximate boundary between soil types and the transition may be gradual.										



LOG OF TEST BORING

Project Lake Mendota Drive
420'S of Capital, 8'E of CL
 Location Madison, WI

Boring No. 5
 Surface Elevation (ft) 865±
 Job No. C12075-20
 Sheet 1 of 1

2921 Perry Street, Madison, WI 53713 (608) 288-4100, FAX (608) 288-7887

SAMPLE					VISUAL CLASSIFICATION and Remarks	SOIL PROPERTIES				
No.	TYPE	Rec (in.)	Moist	N		Depth (ft)	qu (qa) (tsf)	W	LL	PL
					0	6 in. Asphalt Pavement/6 in. Base Course				
1	█	18	M	27	1	FILL: Mix of Medium Dense to Loose Brown Silty Sand and Stiff to Very Stiff Clay (2.0)				
2	█	18	M	7	5	(1.5)				
3	█	18	M	9	9	Loose, Brown Clayey Fine SAND (SC)				
4	█	18	M	11	10	Medium Dense, Light Brown Silty Fine SAND (SM)				
5	█	18	W	14	15	Medium Dense, Light Brown Fine to Medium SAND, Trace Silt (SP)				
End Boring at 15 ft										
Borehole backfilled with bentonite chips and asphalt patch										
					20					

WATER LEVEL OBSERVATIONS	GENERAL NOTES
While Drilling ∇ <u>14.0'</u> Upon Completion of Drilling _____ Time After Drilling _____ Depth to Water _____ ∇ Depth to Cave in _____ <u>13'</u>	Start <u>10/22/12</u> End <u>10/22/12</u> Driller <u>Badger</u> Chief <u>AP</u> Rig <u>D120</u> Logger <u>GM</u> Editor <u>ESF</u> Drill Method <u>4 1/4" HSA</u>
The stratification lines represent the approximate boundary between soil types and the transition may be gradual.	



LOG OF TEST BORING

Project Lake Mendota Drive
260' SE of Epworth, 7' NE of Centerline
 Location Madison, WI

Boring No. 6
 Surface Elevation (ft) 865±
 Job No. C21051-25
 Sheet 1 of 1

2921 Perry Street, Madison, WI 53713 (608) 288-4100, FAX (608) 288-7887

SAMPLE					VISUAL CLASSIFICATION and Remarks	SOIL PROPERTIES				
No.	TYPE	Rec (in.)	Moist	N		Depth (ft)	qu (qa) (tsf)	W	LL	PL
					0	7.5 in. Asphalt Pavement/2 in. Base Course				
1	█	10	M	6	1	FILL: Mixed Loose Silty Sand and Medium Stiff Clay				
					2	Loose, Grayish-Brown SILT, Some Clay (ML)				
2	█	8	M	7	3	Medium Stiff to Stiff, Grayish-Brown (Mottled) Lean CLAY, Trace Sand (CL)				
					4	Medium Dense, Light Brown Fine to Medium SAND, Trace to Little Silt and Gravel (SP/SP-SM)				
3	█	14	M	5	5	(0.75)				
					6	(1.0)				
4	█	18	M/W	19	7					
					8					
5	█	12	W	13	9					
					10					
6	█	12	W	18	11					
					12					
					13					
					14					
					15	End Boring at 15 ft				
					16	Borehole backfilled with bentonite chips and asphalt patch				
					17					
					18					
					19					
					20					

WATER LEVEL OBSERVATIONS	GENERAL NOTES
While Drilling ∇ <u>11.0'</u> Upon Completion of Drilling _____ Time After Drilling _____ Depth to Water _____ Depth to Cave in _____	Start <u>11/24/21</u> End <u>11/24/21</u> Driller <u>BSD</u> Chief <u>MC</u> Rig <u>CME-55</u> Logger <u>KD</u> Editor <u>ESF</u> Drill Method <u>2.25" HSA; Autohammer</u>
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