

Note: 1" = 100'

City of Madison, WI - GIS/Mapping data

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Disclaimer: The City makes no representation about the accuracy of these records and shall not be liable for any damages


Scale: Reduced

Legend

☉ Denotes Boring Location and Number

Notes

1. Borings drilled by Badger State Drilling on November 5, 2014.
2. Base map provided by City of Madison Engineering Division.
3. Boring locations are approximate.

<p>Job No. C14051-36</p>		<p>SOIL BORING LOCATION MAP Prop. Stormwater Management Area Furey Avenue & Jacobson Avenue Madison, WI</p>
<p>Date: 12/2014</p>		



LOG OF TEST BORING

Project Proposed Pond
Furey Avenue & Jacobson Avenue
 Location Madison, Wisconsin

Boring No. 1
 Surface Elevation (ft) 852.2
 Job No. C14051-36
 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
1		8	M	5	1 in. ± TOPSOIL FILL (OL) USDA: Fill - 10YR3/2 Silt Loam					
2		6	M	8	FILL: Loose, Brown/Light Gray Fine to Medium Sand, Some Silt and Gravel, Scattered Wood Debris USDA: Fill - 10YR5/4, 6/3 Sandy Loam					
3		14	M	4	Stiff, Gray/Brown (Mottled) Lean CLAY; Trace Sand and Organics, Scattered Sand Seams (CL) USDA: 10YR3/1 Silty Clay Loam (Redox C2F 10YR6/3)	(1.25)				
4		15	W	11	Stiff, Brown (Mottled) Lean CLAY; Trace Sand, Scattered Sand Seams (CL) USDA: 10YR6/4 Silty Clay Loam (Redox: C2F 10YR7/6)	(1.75)				
5		14	W	22	Medium Dense, Light Brown/Tan Sandy SILT (ML) USDA: 10YR6/3 Loam	(2.5)				
6		16	W	26	Medium Dense, Brown (Laminated) Sandy SILT (ML) & Lean CLAY (CL), Scattered Thin Sand Seams USDA: 10YR5/3 Loam & Silty Clay Loam					
7		18	W	20	Medium Dense, Light Brown Fine SAND; Little Silt, Scattered Silty Sand Seams (SP-SM) USDA: 10YR6/3 Loamy Fine Sand, Scattered Sandy Loam Seams					
8		18	W	18						
9		16	W	19						
10		16	W	25						
					End of Boring at 25 ft Backfilled with Bentonite Chips					

WATER LEVEL OBSERVATIONS					GENERAL NOTES				
While Drilling	▽	8.5'	Upon Completion of Drilling		Start	11/5/14	End	11/5/14	
Time After Drilling				3 hrs	Driller	BSD	Chief	JF	Rig CME-55
Depth to Water				5.5' ▼	Logger	MG	Editor	DAS	
Depth to Cave in				8.0'	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 Proposed Pond
Furey Avenue & Jacobson Avenue
 Location Madison, Wisconsin

Boring No. 2
 Surface Elevation (ft) 849.4
 Job No. C14051-36
 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
1		12	M	6	1 in. - 2 in. TOPSOIL FILL (OL) USDA: Fill - 10YR4/2 Silty Clay Loam Stiff, Brown (Mottled) Lean CLAY; Trace Sand (CL - Possible Fill in Upper Part of Layer)	(1.5)				
2		12	M	13	USDA: 5Y5/2 Silty Clay Loam (Redox: C2D 10YR6/6) Medium Dense, Brown (Laminated) Sandy SILT (ML) & Lean CLAY (CL); Scattered Thin Sand Seams					
3		12	W	13	USDA: 10YR5/3 Loam & Silty Clay Loam Medium Dense, Light Brown Fine SAND; Little Silt, Scattered Silty Sand Seams (SP-SM)	(2.5)				
4		17	W	9	USDA: 10YR6/3 Loamy Fine Sand, Scattered Sandy Loam Seams Very Stiff, Light Gray/Light Reddish Gray CLAY; Scattered Fine Sand Seams (CL)					
5		14	W	6	USDA: 7.5YR5/2, 10YR5/2 Silty Clay Loam Loose, Brown Silty Fine SAND; Scattered Silt Seams (SM)					
6		18	W	14	USDA: 10YR5/4 Sandy Loam, Scattered Silt Loam Seams Medium Dense, Light Brown Fine SAND; Trace to Little Silt (SP/SP-SM)	(1.0)				
7		18	W	11	USDA: 10YR6/3 Fine Sand Medium Dense, Light Gray (Laminated) Sandy SILT (ML) & Lean CLAY (CL); Scattered Thin Sand Seams	(1.75)				
8		10	W	10	USDA: 10YR6/3 Loam & Silty Clay Loam Stiff, Light Gray/Light Reddish Gray Lean CLAY; Scattered Thin Sand Seams (CL)	(1.5)				
9		12	W	10	USDA: 7.5YR5/2, 10YR5/2 Silty Clay Loam	(1.75)				
10		18	W	10						
					End of Boring at 25 ft Backfilled with Bentonite Chips					

WATER LEVEL OBSERVATIONS					GENERAL NOTES				
While Drilling	∇ 6.0'	Upon Completion of Drilling			Start	11/5/14	End	11/5/14	
Time After Drilling				1.5 hrs	Driller	BSD	Chief	JF	Rig CME-55
Depth to Water				4.5' ∇	Logger	MG	Editor	DAS	
Depth to Cave in				5.0'	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 Proposed Pond
Furey Avenue & Jacobson Avenue
 Location Madison, Wisconsin

Boring No. 3
 Surface Elevation (ft) 850.2
 Job No. C14051-36
 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 RE	Rec (in.)	Moist	N		Depth (ft)	qu (qa) (tsf)	W	LL	PL
1	■	8	M	5	4 in. ± Clayey TOPSOIL FILL (OL) USDA: Fill - 10YR4/2 Sandy Clay Loam FILL: Loose to Medium Dense, Light Brown/Orange Brown Fine Sand, Trace to Little Silt USDA: Fill - 10YR6/3, 5/6 Loamy Sand					
2	■	14	W	11	USDA: Fill - 10YR6/3, 5/6 Loamy Sand					
3	■	14	W	26	Very Stiff, Brown (Mottled) Lean CLAY; Trace Sand, Scattered Sand Seams (CL) USDA: 10YR6/4 Silty Clay Loam (Redox: C2F 10YR7/6)	(3.25)				
4	■	14	W	20	Color changes to 10YR6/3 near 10 ft	(2.5)				
5	■	10	W	15						
6	■	12	W	20	Medium Dense, Brown (Laminated) Sandy SILT (ML) & Lean CLAY (CL); Scattered Thin Sand Seams					
7	■	8	W	10	USDA: 10YR5/3 Loam & Silty Clay Loam Stiff, Light Gray Silty CLAY; Scattered Silt and Fine Sand Seams (CL-ML)	(2.5)				
8	■	10	W	16	USDA: 10YR6/2 Silty Clay, Scattered Silt Loam Seams	(1.5)				
9	■	8	W	18	Medium Dense, Gray SILT; Some Sand, Scattered Clay and Sand Seams (ML) USDA: 10YR6/2 Silt Loam	(2.75)				
10	■	6	W	19	Grades to sandy silt near 25 ft					
					End of Boring at 25 ft Backfilled with Bentonite Chips					

WATER LEVEL OBSERVATIONS					GENERAL NOTES					
While Drilling	▽	3.5'	Upon Completion of Drilling	_____	Start	11/5/14	End	11/5/14		
Time After Drilling				15 min.	Driller	BSD	Chief	JF	Rig	CME-55
Depth to Water				5.5' ▼	Logger	MG	Editor	DAS		
Depth to Cave in				6.0'	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 Proposed Pond
Furey Avenue & Jacobson Avenue
 Location Madison, Wisconsin

Boring No. 4
 Surface Elevation (ft) 852.6
 Job No. C14051-36
 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	LI
1	█	10	M	7	4	<p>4 in. ± Silty TOPSOIL FILL (OL) USDA: 10YR3/1 Silt Loam FILL: Stiff, Brown/Gray Lean Clay, Little to Some Sand, Trace Gravel and Organics, Scattered Cinders</p> <p>5 USDA: Fill - 10YR4/2 Silty Clay Loam FILL: Medium Dense, Black Silty Fine to Medium Sand and Cinders</p> <p>9 USDA: Fill - 10YR2/1 Sandy Loam and Cinders Medium Stiff to Stiff, Gray/Brown (Mottled) Lean CLAY; Trace Sand and Organics (CL) USDA: 10YR3/1 Silty Clay Loam (Redox: C2F 10YR6/3)</p> <p>10</p>					
2	█	12	M	11	5						
3	█	18	M	9	9						
4	█	14	M	5	5						
5	█	14	M/W	9	9						
6	█	18	W	9	9						
7	█	12	W	17	17						
8	█	16	W	16	16						
9	█	14	W	18	18						
10	█	18	W	21	21						
End of Boring at 25 ft Backfilled with Bentonite Chips											

WATER LEVEL OBSERVATIONS					GENERAL NOTES					
While Drilling	▽	12.5'	Upon Completion of Drilling	_____	Start	11/5/14	End	11/5/14		
Time After Drilling		_____		4 hrs	Driller	BSD	Chief	JF	Rig	CME-55
Depth to Water		_____		8.5' ▽	Logger	MG	Editor	DAS		
Depth to Cave in		_____		14.0'	Drill Method	2.25" HSA; Autohammer				
The stratification lines represent the approximate boundary between soil types and the transition may be gradual.										