



Department of Public Works
City Engineering Division

Robert F. Phillips, P.E.
City Engineer

City-County Building, Room 115
210 Martin Luther King, Jr. Boulevard
Madison, Wisconsin 53703
FAX 608 264 9275
www.cityofmadison.com

608 266 4751

Assistant City Engineer
Michael R. Dailey, P.E.

Principal Engineers
Christina M. Bachmann, P.E.
John S. Fahrney, P.E.
Gregory T. Fries, P.E.
Christopher J. Petykowski, P.E.

Facilities & Sustainability
Jeanne E. Hoffman, Manager
James C. Whitney, A.I.A.

Operations Supervisor
Kathleen M. Cryan

GIS Manager
David A. Davis, R.L.S.

Financial Officer
Steven B. Danner-Rivers

Hydrogeologist
Brynn Bemis

June 19, 2013

**NOTICE OF ADDENDUM
ADDENDUM NO. 1
7007
CONTRACT NO. WORLD DAIRY CAMPUS**

Revise and amend the contract document(s) for the above project as stated in this addendum, otherwise, the original document shall remain in effect.

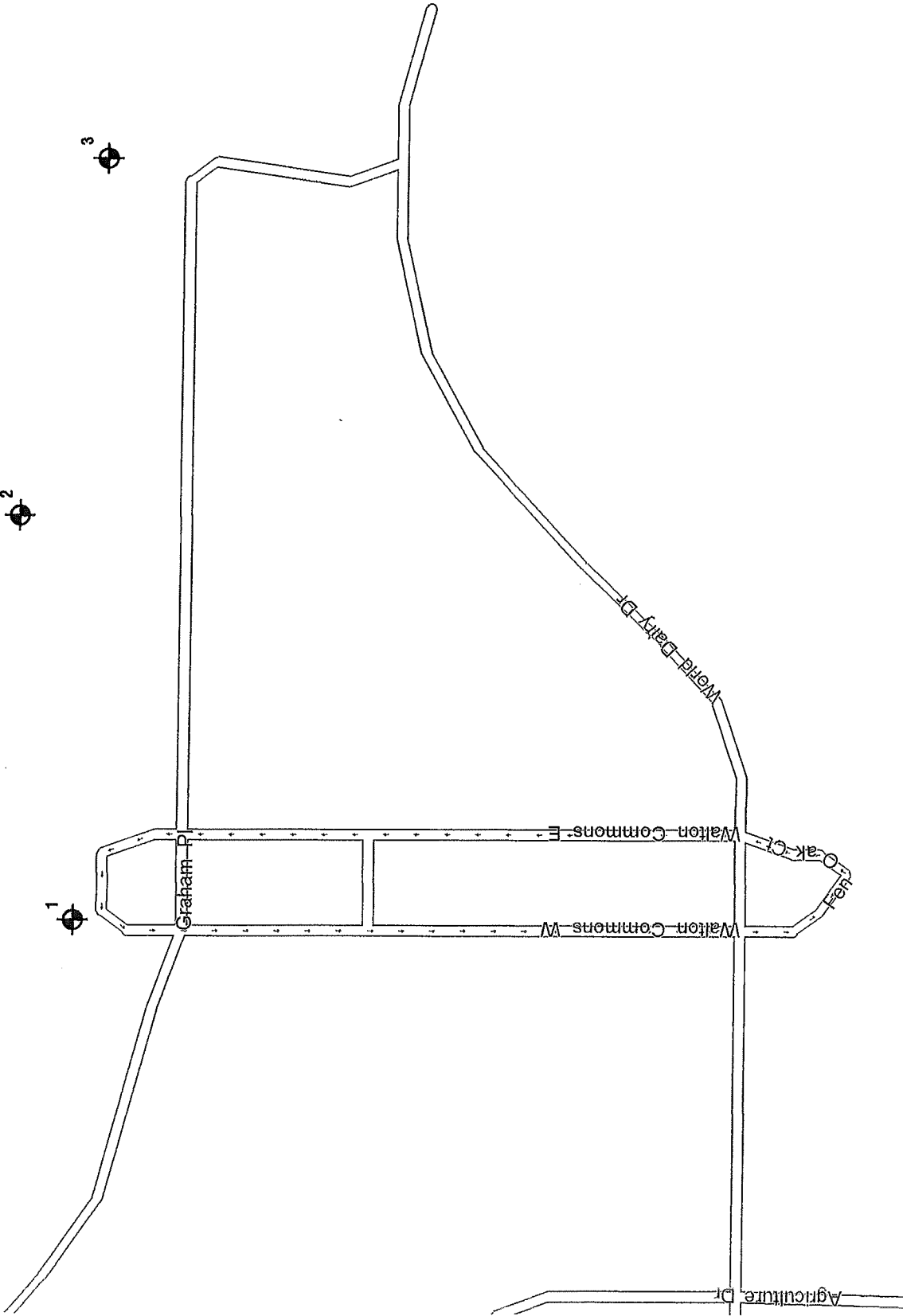
Insert Soil Borings at the end of Section D.

Please acknowledge this addendum on page E1 of the contract documents and/or in Section E: Bidder's Acknowledgement on Bid Express.

Electronic version of these documents can be found on Bid Express at <https://www.bidexpress.com/>.

If you are unable to download plan revisions associated with the addendum, please contact the Engineering office at 608-266-4751 receive the material by another route.

Robert F. Phillips, City Engineer



Legend

 Denotes Boring Location (approximate)



Notes

1. Soil borings performed by Badger State Drilling in May 2013

SOIL BORING LOCATION PLAN
Graham Place Watermain Relocation
Madison, Wisconsin



APP'D: WWV Date: 5/13 C13064-4

DWN: -



LOG OF TEST BORING

Project **Graham Place Watermain Relocation**
 Location **Madison, Wisconsin**

Boring No. **1**
 Surface Elevation (ft) _____
 Job No. **C13064-4**
 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 (in.)	Rec (in.)	Moist	N		Depth (ft)	qu (qa) (tsf)	W	LL	PL
					0	5 in. Topsoil				
1	█	10	M	10	10	Soft to Very Stiff, Brown Lean Clay, Trace Sand (CL)				
					5	(3.5)				
2	█	12	M	5	5					
					20	(0.3)				
3	█	14	M	20	20	Medium Dense, Brown Fine to Medium SAND, Some Silt and Gravel (SM)				
					19	Medium Dense, Tan Fine Sand, Trace to Little Silt and Gravel (SP/SP-SM)				
4	█	14	M	19	19	Medium Dense, Brown Fine to Medium SAND, Some Silt and Gravel, Scattered Cobbles and Boulders (SM)				
					10					
5	█	12	M	12	12	End Boring at 15 ft Borehole backfilled with bentonite chips				
					15					
					20	Borehole backfilled with bentonite chips				

WATER LEVEL OBSERVATIONS

GENERAL NOTES

While Drilling NW Upon Completion of Drilling _____
 Time After Drilling _____
 Depth to Water _____
 Depth to Cave in _____

Start **5/2/13** End **5/2/13**
 Driller **Badger** Chief **KD** Rig **CME-55**
 Logger **JF** Editor **ESF**
 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 Graham Place Watermain Relocation
 Location Madison, Wisconsin

Boring No. 2
 Surface Elevation (ft) _____
 Job No. C13064-4
 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	LT
				0	9 in. Topsoil					
1	10	M	7	7	Medium Stiff to Stiff, Brown Lean CLAY, Trace Sand (CL)	(1.75)				
2	12	M	5	5		(0.75)				
3	16	M/W	5	5	Loose, Brown Clayey Fine to Medium SAND, Trace Gravel (SC)					
4	16	M	7	7	Loose, Light Brown Fine to Coarse SAND, Trace Silt, Gravel and Clay (SP)					
5	12	M	10	10	Loose to Medium Dense with More Gravel and Occasional Thin (1 in.) Seams of Soft Clay Near 14 ft					
				15	End Boring at 15 ft Borehole backfilled with bentonite chips					

WATER LEVEL OBSERVATIONS

While Drilling NW Upon Completion of Drilling _____
 Time After Drilling _____
 Depth to Water _____
 Depth to Cave in _____

GENERAL NOTES

Start 5/2/13 End 5/2/13
 Driller Badger Chief KD Rig CME-55
 Logger JF Editor ESF
 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 Graham Place Watermain Relocation
 Location Madison, Wisconsin

Boring No. 3
 Surface Elevation (ft) _____
 Job No. C13064-4
 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	6 in. Topsoil					
1	12	M	10	10	Stiff, Brown Lean CLAY, Trace Sand (CL)	(1.75)				
2	12	M	13	13	Medium Dense, Dark Brown, Fine to Coarse SAND, some Silt and Clay, Trace Gravel (SM/SC)					
3	12	M	50	50	Dense to Very Dense, Light Brown Fine to Coarse SAND & GRAVEL, Numerous Cobbles/Possible Boulders, Trace Silt (SP/GP)					
4	10	M/W	41	41						
				10	Medium Dense, Light Brown Fine to Coarse Sand, Some Fine Gravel, Trace Silt (SP)					
5	8	W	12	12						
				15	End Boring at 15 ft					
					Borehole backfilled with bentonite chips					
				20						

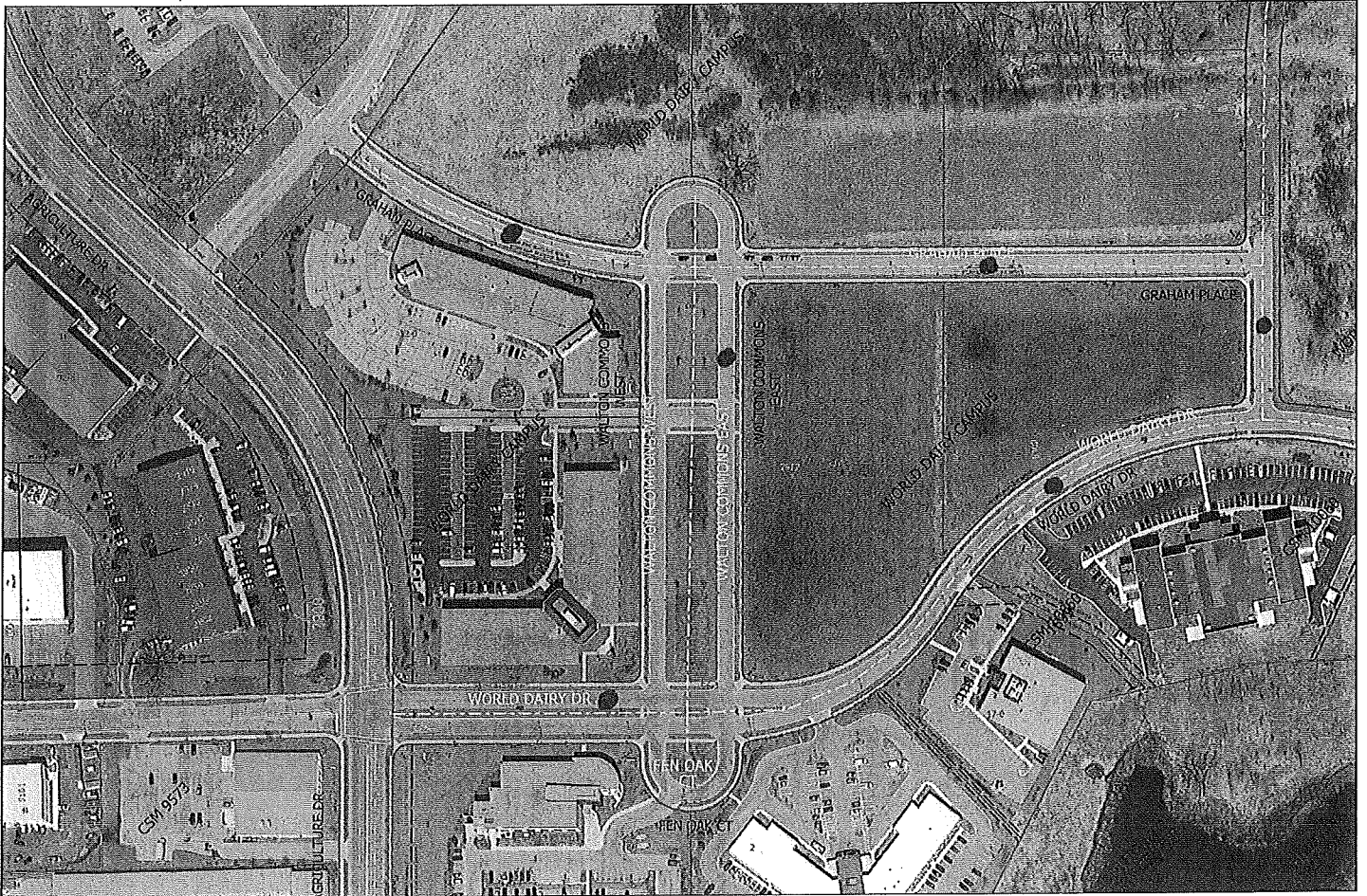
WATER LEVEL OBSERVATIONS

While Drilling ∇ 14.5' Upon Completion of Drilling _____
 Time After Drilling _____
 Depth to Water _____
 Depth to Cave in _____ 10'

GENERAL NOTES

Start 5/2/13 End 5/2/13
 Driller Badger Chief KD Rig CME-55
 Logger JF Editor ESF
 Drill Method 2.25" HSA; Autohammer

The stratification lines represent the approximate boundary between soil types and the transition may be gradual.



Time: 10/19/2010 4:12:07 PM

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City of Madison, WI - GIS/Mapping data

Printed By: enjsf

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

● soil boring location
6' Deck



LOG OF TEST BORING

Project World Dairy Drive Area
 Location Graham: 230'W of Walton, 8'S of Centerline
Madison, Wisconsin

Boring No. 1
 Surface Elevation (ft) _____
 Job No. C10041-22
 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 P V E	Rec (in.)	Moist	N		Depth (ft)	qu (qa) (tsf)	W	LL	PL
					3" Asphalt Pavement/8" Base Course					
1		18	M	30	FILL: Brown Fine to Medium Sand, Some Silt and Gravel					
2		18	M	39						
3		18	M	16	Very Stiff, Gray Lean CLAY, Little Gravel (CL) (Possible Fill)	(3.0)				
					End Boring at 6.0 ft					
					Borehole backfilled with soil cuttings					

WATER LEVEL OBSERVATIONS

GENERAL NOTES

While Drilling NW Upon Completion of Drilling _____
 Time After Drilling _____
 Depth to Water _____
 Depth to Cave in _____

Start 11/5/10 End 11/5/10
 Driller Badger Chief BM Rig CME-55
 Logger MC Editor ESF
 Drill Method 4" Flight Auger

The stratification lines represent the approximate boundary between soil types and the transition may be gradual.



LOG OF TEST BORING

Project World Dairy Drive Area
Graham: 475'E of Walton, 4'S of Centeline
 Location Madison, Wisconsin

Boring No. 2
 Surface Elevation (ft) _____
 Job No. C10041-22
 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
					3" Asphalt Pavement/8" Base Course					
1	18	M		25	FILL: Brown Fine to Medium Sand, Some Silt and Gravel					
2	18	M		13	Very Stiff, Brown (Mottled) Lean CLAY (CL)	(3.25)				
3	18	M		13	Becoming Sandy and Medium Stiff at 5.5 ft	(0.75-1.0)				
End Boring at 6.0 ft										
Borehole backfilled with soil cuttings										

WATER LEVEL OBSERVATIONS

GENERAL NOTES

While Drilling NW Upon Completion of Drilling _____
 Time After Drilling _____
 Depth to Water _____
 Depth to Cave in _____

Start 11/5/10 End 11/5/10
 Driller Badger Chief BM Rig CME-55
 Logger MC Editor ESF
 Drill Method 4" Flight Auger

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LOG OF TEST BORING

Project World Dairy Drive Area
 Location Walton: 155'S of Graham, 45'E of Centerline
Madison, Wisconsin

Boring No. 3
 Surface Elevation (ft) _____
 Job No. C10041-22
 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
					3" Asphalt Pavement/8" Base Course					
1	18	M	18		FILL: Brown Fine to Medium Sand, Some Silt and Gravel					
					Very Stiff, Brown Mottled Lean CLAY (CL)					
2	18	M	11			(3.25)				
3	18	M	12			(3.25)				
				5						
				10	End Boring at 6.0 ft					
					Borehole backfilled with soil cuttings					

WATER LEVEL OBSERVATIONS

GENERAL NOTES

While Drilling NW Upon Completion of Drilling _____
 Time After Drilling _____
 Depth to Water _____
 Depth to Cave in _____

Start 11/5/10 End 11/5/10
 Driller Badger Chief BM Rig CME-55
 Logger MC Editor ESF
 Drill Method 4" Flight Auger

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LOG OF TEST BORING

Project World Dairy Drive Area
 Location Unnamed St: 75'S of Graham, 5'E of Centerline
Madison, Wisconsin

Boring No. 4
 Surface Elevation (ft) _____
 Job No. C10041-22
 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
					3" Asphalt Pavement/8" Base Course					
1	18	M	21		FILL: Brown Fine to Medium Sand, Some Silt and Gravel					
					Very Stiff, Brown Mottled Lean CLAY (CL)					
2	18	M	12			(3.75)				
3	18	M	7		Medium Stiff to Stiff at 5'	(1.0-1.5)				
					End Boring at 6.0 ft					
					Borehole backfilled with soil cuttings					

WATER LEVEL OBSERVATIONS

GENERAL NOTES

While Drilling NW Upon Completion of Drilling _____
 Time After Drilling _____
 Depth to Water _____
 Depth to Cave in _____

Start 11/5/10 End 11/5/10
 Driller Badger Chief BM Rig CME-55
 Logger MC Editor ESF
 Drill Method 4" Flight Auger

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LOG OF TEST BORING

Project World Dairy Drive Area
World Dairy: 675'NE of Walton, at Centerline
 Location Madison, Wisconsin

Boring No. 5
 Surface Elevation (ft) _____
 Job No. C10041-22
 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
					3" Asphalt Pavement/12" Base Course					
1		18	M	20	FILL: Brown Fine to Medium Sand, Some Silt and Gravel					
					Very Stiff, Brown Mottled Lean CLAY (CL)					
2		18	M	9	(3.0)					
3		18	M	10	Stiff, Blue-Gray Sandy Lean CLAY (CL)	(1.75)				
					End Boring at 6.0 ft Borehole backfilled with soil cuttings					

WATER LEVEL OBSERVATIONS					GENERAL NOTES					
While Drilling	<input checked="" type="checkbox"/>	NW	Upon Completion of Drilling	_____	Start	11/5/10	End	11/5/10		
Time After Drilling	_____			_____	Driller	Badger	Chief	BM	Rig	CME-55
Depth to Water	_____			_____	Logger	MC	Editor	ESF		
Depth to Cave in	_____			_____	Drill Method	4" Flight Auger				
The stratification lines represent the approximate boundary between soil types and the transition may be gradual.										



LOG OF TEST BORING

Project World Dairy Drive Area
 World Dairy: 145'E of Agriculture, 9'N of Centerline
 Location Madison, Wisconsin

Boring No. 6
 Surface Elevation (ft) _____
 Job No. C10041-22
 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
					3" Asphalt Pavement/8" Base Course					
1	18	M	15		FILL: Brown Fine to Medium Sand, Some Silt and Gravel, Trace Clay					
2	4	M	9							
3	12	M	10							
End Boring at 6.0 ft										
Borehole backfilled with soil cuttings										

WATER LEVEL OBSERVATIONS	GENERAL NOTES
While Drilling <input checked="" type="checkbox"/> <u>NW</u> Upon Completion of Drilling _____ Time After Drilling _____ Depth to Water _____ Depth to Cave in _____	Start <u>11/5/10</u> End <u>11/5/10</u> Driller <u>Badger</u> Chief <u>BM</u> Rig <u>CME-55</u> Logger <u>MC</u> Editor <u>ESF</u> Drill Method <u>4" Flight Auger</u>
The stratification lines represent the approximate boundary between soil types and the transition may be gradual.	