



DANE COUNTY DEPARTMENT of PUBLIC WORKS, HIGHWAY and TRANSPORTATION

County Executive
Kathleen M. Falk

1919 Alliant Energy Center Way ♦ Madison, Wisconsin 53713
Phone: (608) 266-4018 ♦ Fax: (608) 267-1533

Commissioner / Director
Gerald J. Mandli

MAY 29, 2008

ATTENTION ALL REQUEST FOR BID (RFB) HOLDERS

RFB NO. 108018 - ADDENDUM NO. 3

NEW BADGER PRAIRIE HEALTH CARE CENTER

BIDS DUE: THURSDAY, JUNE 5, 2008, 2:00 PM. DUE DATE AND TIME ARE NOT CHANGED BY THIS ADDENDUM.

This Addendum is issued to modify, explain or clarify the original Request for Bid (RFB) and is hereby made a part of the RFB. Please attach this Addendum to the RFB.

PLEASE MAKE THE FOLLOWING CHANGES:

1. Document Index (Volumes One, Two & Three)

Page 1:

Change: "SCHEDULES & DETAILS", to: "SCHEDULES, DETAILS & SOIL BORINGS"

Page 1: Change:

"200	Equipment Schedule	201-203"
to:		
"200	Equipment Schedule	201-203
--	Soil Boring Logs	31"

2. Project Manual Volume One

After Schedule page 203 (end of Volume), add new section, Soil Borings Logs, issued with this Addendum.

3. Sheet C1

Delete current Sheet C1; replace with new Sheet C1, issued with this Addendum.

4. Sheet C2

Delete current Sheet C2; replace with new Sheet C2, issued with this Addendum.

5. Sheet C3

Delete current Sheet C3; replace with new Sheet C3, issued with this Addendum.

6. Sheet C4

Delete current Sheet C4; replace with new Sheet C4, issued with this Addendum.

7. Sheet C6

Delete current Sheet C6; replace with new Sheet C6, issued with this Addendum.

8. Sheet C7

Delete current Sheet C7; replace with new Sheet C7, issued with this Addendum.

9. Sheet C9

Delete current Sheet C9; replace with new Sheet C9, issued with this Addendum.

10. AutoCAD file

On the Public Works Engineering web site (www.countyofdane.com/pwht/bid/logon.aspx) is an AutoCAD file of the Badger Prairie project site. It is AutoCAD version 2000 (backdated to the 2000 version). It contains the existing and proposed contours, the existing and proposed buildings, and the existing and proposed roads. It provides the same information available on the C series drawings. A disclaimer comes with this drawing.

If any additional information about this Addendum is needed, please call Scott Carlson at 608/266-4179.

Sincerely,
Scott Carlson
Project Engineer

Enclosures:

Soil Boring Logs (31 pages)
Sheets a/3 C-1, 2, 3, 4, 6, 7, 9
AutoCAD file (not attached to, but part of Addendum No. 3)

S:\PubWork\Shared\Engineering Division\Scott Carlson\106081 - BP New Facility Design\108018 - CDs\Add'm3\108018 - Addendum 3.doc



LOG OF TEST BORING

Project Badger Prairie Health Care
1100 E. Verona Ave.
 Location Verona, Wisconsin

Boring No. **SB1**
 Surface Elevation (ft) 963.3
 Job No. C07069
 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	█	14	M	7	0-1	FILL: Dark Brown Silty Clay with Sand and Gravel Stiff, Dark Brown Lean CLAY, Trace Sand and Organic Material (CL - Possible Buried Topsoil Layer) USDA: 10 YR 3/1 Silty Clay Loam				
2	█	4	M	8	1-5					
3	█	12	M	23	5-10	Brown Lean CLAY, Trace Sand and Gravel (CL) USDA: 10 YR 4/3 Clay Loam Medium Dense to Dense, Brown Fine to Medium SAND, Some Silt and Gravel, Scattered Cobbles/Boulders (SM) USDA: 10 YR 5/4 Gravelly Sandy Loam				
4	█	14	M	44	10-15					
End Boring at 10 ft										
Borehole backfilled with bentonite chips										
					15					
					20					
					25					
					30					
					35					
					40					

WATER LEVEL OBSERVATIONS				GENERAL NOTES			
While Drilling	<input checked="" type="checkbox"/> NW	Upon Completion of Drilling	<input type="checkbox"/> NW	Start	3/12/07	End	3/12/07
Time After Drilling	_____			Driller	Badger Chief	JHR	Rig CME-750
Depth to Water	_____		<input checked="" type="checkbox"/>	Logger	GFP	Editor	DAS
Depth to Cave in	_____			Drill Method	2-1/4 in. HSA		
The stratification lines represent the approximate boundary between soil types and the transition may be gradual.							



LOG OF TEST BORING

Project Badger Prairie Health Care
1100 E. Verona Ave.
 Location Verona, Wisconsin

Boring No. **SB2**
 Surface Elevation (ft) 972.7
 Job No. C07069
 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)	q _u (qa) (tsf)	W	LL	PL
1	10	M	17		0-12	12 in. TOPSOIL FILL (OL) FILL: Medium Dense, Brown Fine to Medium Sand, Little Silt, Some Gravel, Scattered Cobbles/Boulders				
2	10	M	9		12-15	USDA: Fill - 10 YR 5/4 Gravelly Loamy Sand Stiff, Dark Brown Lean CLAY, Trace Sand (CL - Possible Buried Topsoil Layer)				
3	14	M	15		15-20	USDA: 10 YR 3/1 Silty Clay Loam Brown Lean CLAY, Trace Sand and Gravel (CL - Based on Driller's Description)				
4	12	M	26		20-26	USDA: 10 YR 4/3 Clay Loam Medium Dense, Brown Fine to Medium SAND, Some Silt, Trace Clay and Gravel (SM)				
					26-30	USDA: 10 YR 4/3 Sandy Loam Medium Dense, Light Brown/Brown Gravelly Fine to Medium SAND, Little Silt, Scattered to Numerous Cobbles/Boulders (SP-SM)				
					30-40	USDA: 10 YR 7/3 Very Gravelly Loamy Sand End Boring at 10 ft Borehole backfilled with bentonite chips				

WATER LEVEL OBSERVATIONS

GENERAL NOTES

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

Start 3/12/07 End 3/12/07
 Driller Badger Chief JHR Rig CME-750
 Logger GFP Editor DAS
 Drill Method 2-1/4 in. HSA

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



LOG OF TEST BORING

Project Badger Prairie Health Care
1100 E. Verona Ave.
 Location Verona, Wisconsin

Boring No. SB3
 Surface Elevation (ft) 970.1
 Job No. C07069
 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	█	14	M	24	4 in. TOPSOIL FILL (OL) Medium Dense to Dense, Light Brown/Brown Gravelly Fine to Medium SAND, Little Silt, Scattered to Numerous Cobbles/Boulders (SP-SM) USDA: 10 YR 7/3 Very Gravelly Loamy Sand Medium Dense to Dense, Reddish Brown Fine to Medium SAND, Some Silt (SM) USDA: 7.5 YR 5/4 Sandy Loam End Boring at 10 ft Borehole backfilled with bentonite chips						
2	█	12	M	24							
3	█	16	M	42							
4	█	18	M	25							
					5						
					10						
					15						
					20						
					25						
					30						
					35						
					40						

WATER LEVEL OBSERVATIONS	GENERAL NOTES
While Drilling <input checked="" type="checkbox"/> NW Upon Completion of Drilling <input type="checkbox"/> NW Time After Drilling _____ Depth to Water _____ Depth to Cave in _____	Start <u>3/12/07</u> End <u>3/12/07</u> Driller <u>Badger Chief</u> <u>JHR</u> Rig <u>CME-750</u> Logger <u>GFP</u> Editor <u>DAS</u> Drill Method <u>2-1/4 in. HSA</u>
The stratification lines represent the approximate boundary between soil types and the transition may be gradual.	



LOG OF TEST BORING

Project Badger Prairie Health Care
1100 E. Verona Ave.
 Location Verona, Wisconsin

Boring No. **SB4**
 Surface Elevation (ft) 967.0
 Job No. C07069
 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		10	M	7		FILL: Very Stiff, Dark Brown Organic Silty to Lean Clay (Possible Topsoil Fill)	(2.5)	25.2		7.7
2		10	M	6		1/2" Wood Ash Layer at 4.5 ft	(0.75-1.5)	27.3		7.0
3		14	M	7		Stiff, Dark Brown Lean CLAY, Trace Sand and Organic Material (CL - Possible Buried Topsoil)	(1.0)	27.8		
4		16	M	7		Medium Stiff to Stiff, Brown Lean CLAY, Trace Sand and Gravel (CL)				
					10	Grades to Gray/Brown (Mottled) Near 10 ft	(1.0)	25.8		
						Medium Dense to Dense, Brown Gravelly Fine to Medium SAND, Little Silt, Scattered to Numerous Cobbles/Boulders (SP-SM)				
5		14	M	43		USDA: 10 YR 7/3 Very Gravelly Loamy Sand				
6		16	W	26						
7		8	W	34						
8		4	W	28						
End Boring at 30 ft										
Borehole backfilled with bentonite chips										

WATER LEVEL OBSERVATIONS					GENERAL NOTES				
While Drilling	∇	18.5'	Upon Completion of Drilling	NW	Start	3/12/07	End	3/12/07	
Time After Drilling					Driller	Badger	Chief	JHR	Rig CME-750
Depth to Water					Logger	GFP	Editor	DAS	
Depth to Cave in				17'	Drill Method	2-1/4 in.	HSA		
The stratification lines represent the approximate boundary between soil types and the transition may be gradual.									



LOG OF TEST BORING

Project Badger Prairie Health Care
1100 E. Verona Ave.
 Location Verona, Wisconsin

Boring No. **SB5**
 Surface Elevation (ft) 966.6
 Job No. C07069
 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
1	12	M/W	13	0-12	FILL: Stiff, Silty to Lean Clay Intermixed with Sand and Gravel	(1.5)				
2	16	M	8	12-16		(1.5)				
3	12	M	13	16-20	Stiff, Brown Lean CLAY, Trace Sand and Gravel (CL - Based on Driller's Description) Medium Dense, Reddish-Brown Fine to Medium SAND, Some Silt, Little Gravel (SM)					
4	18	M	20	20-22						
5	12	M	22	22-26	Medium Dense, Light Brown/Brown Gravelly Fine to Medium SAND, Little Silt, Scattered to Numerous Cobbles/Boulders (SP-SM)					
6	12	W	38	26-30		Medium Dense to Dense, Light Brown Fine to Medium SAND, Trace to Little Silt, Little Gravel (SP/SP-SM)				
7	0	W	26	30-32	Increasing Gravel Near 30 ft End Boring at 30 ft					
8	2	W	12	32-34		Borehole backfilled with bentonite chips				

WATER LEVEL OBSERVATIONS	GENERAL NOTES
While Drilling ∇ <u>18.6'</u> Upon Completion of Drilling _____ Time After Drilling _____ Depth to Water _____ Depth to Cave in _____	Start <u>3/12/07</u> End <u>3/12/07</u> Driller <u>Badger</u> Chief <u>JHR</u> Rig <u>CME-750</u> Logger <u>GFP</u> Editor <u>DAS</u> Drill Method <u>2-1/4 in. HSA</u>
The stratification lines represent the approximate boundary between soil types and the transition may be gradual.	



LOG OF TEST BORING

Project Badger Prairie Health Care
1100 E. Verona Ave.
 Location Verona, Wisconsin

Boring No. SB6
 Surface Elevation (ft) 972.6
 Job No. C07069
 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	█	16	M	16	5	3.5 in. Asphalt Pavement/7.5 in. Base Course Very Stiff, Brown Lean CLAY, Trace Sand and Gravel (CL)	(2.5)				
2	█	12	M	9	5	Very Stiff, Brown Lean CLAY, Trace Sand and Gravel (CL)	(2.0)				
3	█	16	M	20	10	Medium Dense, Light Brown Fine to Medium SAND, Trace to Little Silt (SP/SP-SM)					
4	█	14	M	40	10	Dense, Brown Fine to Medium SAND, Some Gravel, Little Silt, Scattered Cobbles/Boulders (SP-SM)					
End Boring/Auger Refusal on Apparent Cobble/Boulder at 11 ft											
Borehole backfilled with bentonite chips											
Moved 4'N, See Boring SB6X											

WATER LEVEL OBSERVATIONS

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

GENERAL NOTES

Start 3/12/07 End 3/12/07
 Driller Badger Chief JHR Rig CME-750
 Logger GFP Editor DAS
 Drill Method 2-1/4 in. HSA

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



LOG OF TEST BORING

Project Badger Prairie Health Care
1100 E. Verona Ave.
 Location Verona, Wisconsin

Boring No. SB6X
 Surface Elevation (ft) _____
 Job No. C07069
 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
				5	Boring offset 4 ft North of Boring SB6 Blind Drill 0 to 11' (See Log of SB6)					
5	16	M	34	15		Dense to Very Dense, Brown Fine to Medium SAND, Some Gravel, Little Silt, Scattered Cobbles/Boulders (SP-SM)				
6	16	M	89	20						
7	10	W	34	25						
8	10	W	32	30						
				35	End Boring at 30 ft Borehole backfilled with bentonite chips					
				40						

WATER LEVEL OBSERVATIONS					GENERAL NOTES					
While Drilling	▽	23.5'	Upon Completion of Drilling	NW	Start	3/12/07	End	3/12/07		
Time After Drilling					Driller	Badger	Chief	JHR	Rig	CME-750
Depth to Water					Logger	GFP	Editor	DAS		
Depth to Cave in				17'	Drill Method	2-1/4 in. HSA				
The stratification lines represent the approximate boundary between soil types and the transition may be gradual.										



LOG OF TEST BORING

Project Badger Health Site
1000 Verona Ave.
 Location Verona, Wisconsin

Boring No. 7
 Surface Elevation (ft) _____
 Job No. C07069-1
 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
					7 in. Asphalt Pavement/5 in. Silty Sand/Cinders					
1	16	M	4		Medium Stiff to Stiff, Dark Gray Silty CLAY, Trace Organic Material (CL-ML - Possible Buried Topsoil)	(1.0)				
2	18	M	4		Medium Stiff, Brown/Gray (Mottled) Lean CLAY, Trace Sand (CL)	(0.5)				
3	12	M	32		Medium Dense to Very Dense, Gravelly Fine to Coarse SAND, Trace to Little Silt, Scattered Cobbles/Boulders (SP/SP-SM)					
4	14	M	44							
5	14	M	82							
6	12	W	42							
7	8	W	23							
					End Boring at 25 ft					
					Borehole backfilled with bentonite chips					

DRAFT

WATER LEVEL OBSERVATIONS					GENERAL NOTES				
While Drilling	∇ 18.5'	Upon Completion of Drilling	NW		Start	9/4/07	End	9/4/07	
Time After Drilling					Driller	Badger	Chief	MSA	Rig CME-55
Depth to Water					Logger	GFP	Editor	DAS	
Depth to Cave in				17.0'	Drill Method	2 1/4" HSA			
The stratification lines represent the approximate boundary between soil types and the transition may be gradual.									



LOG OF TEST BORING

Project Badger Health Site
1000 Verona Ave.
 Location Verona, Wisconsin

Boring No. 8
 Surface Elevation (ft) _____
 Job No. C07069-1
 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.	EXAM Rec (in.)	Moist	N	Depth (ft)		qu (qa) (tsf)	W	LL	PL	LI
				0	8 in. Silty TOPSOIL (OL)					
1	4	M	4	4	Medium Stiff to Very Stiff, Brown/Gray (Mottled) Lean CLAY, Trace Sand (CL)	(2.25)				
2	8	M	7	7	Increasing Sand with Depth	(1.75)				
3	16	M	20	20						
4	16	M	137	10						
5	18	M	43	15						
6	16	W	35	20						
7	18	W	39	25	End Boring at 25 ft					
				30	Borehole backfilled with bentonite chips					

DRAFT

WATER LEVEL OBSERVATIONS

GENERAL NOTES

While Drilling ∇ 18.5' Upon Completion of Drilling _____
 Time After Drilling _____
 Depth to Water _____
 Depth to Cave in _____

Start 9/5/07 End 9/5/07
 Driller Badger Chief MSA Rig D-120
 Logger GFP Editor DAS
 Drill Method 2 1/4" HSA

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



LOG OF TEST BORING

Project Badger Health Site
1000 Verona Ave.
 Location Verona, Wisconsin

Boring No. 9
 Surface Elevation (ft) _____
 Job No. C07069-1
 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		18	M	18	0-5	Very Stiff, Dark Gray Organic to Silty CLAY (CL-ML/OL - Topsoil)	(2.75)				
2		18	M	10	5-10	Medium Stiff, Gray/Brown (Mottled) Lean CLAY, Trace Sand (CL)	(1.5)				
3		4	M	8	10-15	Loose, Dark Brown Fine to Medium SAND, Some Silt and Clay, Trace Gravel (SM)	(0.5)				
4		16	M	45	15-20	Dense, Reddish Brown Fine to Medium SAND, Some Silt and Gravel, Scattered Cobbles/Boulders (SM)					
5		5	W	100 / 3"	20-25	Very Dense, Gravelly Fine to Coarse SAND, Trace to Little Silt, Scattered Cobbles/Boulders (SP/SP-SM)					
6		16	W	72	25-30						
7		10	W	71	30-35						
End Boring at 25 ft											
Borehole backfilled with bentonite chips											

DRAFT

WATER LEVEL OBSERVATIONS

GENERAL NOTES

While Drilling ∇ 14.5' Upon Completion of Drilling 17'
 Time After Drilling _____
 Depth to Water _____
 Depth to Cave in _____

Start 9/5/07 End 9/5/07
 Driller Badger Chief MSA Rig D-120
 Logger GFP Editor DAS
 Drill Method 2 1/4" HSA

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



LOG OF TEST BORING

Project Badger Health Site
1000 Verona Ave.
 Location Verona, Wisconsin

Boring No. **10**
 Surface Elevation (ft) _____
 Job No. **C07069-1**
 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		18	M	14		Stiff, Dark Gray Organic to Silty CLAY (CL-ML/OL - Topsoil)	(1.5)				
2		18	M	11		Stiff, Gray/Brown (Mottled) Lean CLAY, Trace Sand (CL)	(1.5)				
3		18	M	9			(1.0)				
4		16	M	21		Medium Dense, Dark Brown Fine to Medium SAND, Some Silt and Clay, Little Gravel (SM)					
5		14	W	53		Dense to Very Dense, Gravelly Fine to Coarse SAND, Trace to Little Silt, Scattered Cobbles/Boulders (SP/SP-SM)					
6		14	W	37							
7		10	W	36							
End Boring at 25 ft											
Borehole backfilled with bentonite chips											

DRAFT

WATER LEVEL OBSERVATIONS

GENERAL NOTES

While Drilling ∇ 14.5' Upon Completion of Drilling 17'
 Time After Drilling _____
 Depth to Water _____
 Depth to Cave in _____

Start 9/5/07 End 9/5/07
 Driller Badger Chief MSA Rig D-120
 Logger GFP Editor DAS
 Drill Method 2 1/4" HSA

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



LOG OF TEST BORING

Project Badger Health Site
1000 Verona Ave.
 Location Verona, Wisconsin

Boring No. 11
 Surface Elevation (ft) _____
 Job No. C07069-1
 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 (ft)	Rec (in.)	Moist	N		qu (qa) (tsf)	W	LL	PL	LI
					14 in. Clayey TOPSOIL (OL)					
1	10	M	6		Medium Stiff to Stiff, Brown/Gray (Mottled) Lean CLAY, Trace Sand (CL) Increasing Sand with Depth	(2.0)				
2	14	M	5		Dense, Gravelly Fine to Coarse SAND, Trace to Little Silt, Scattered Cobbles/Boulders (SP/SP-SM)	(0.75-1.0)				
3	16	M	44		Dense, Reddish Brown Fine to Medium SAND, Some Silt and Gravel, Scattered Cobbles/Boulders (SM)					
4	14	M	65		Dense, Brown Fine to Medium SAND, Little to Some Gravel, Trace Silt (SP)					
5	18	M/W	37		End Boring at 15 ft Borehole backfilled with bentonite chips					

DRAFT

WATER LEVEL OBSERVATIONS

GENERAL NOTES

While Drilling ∇ 14.0' Upon Completion of Drilling NW
 Time After Drilling _____
 Depth to Water _____
 Depth to Cave in _____

Start 9/6/07 End 9/6/07
 Driller Badger Chief MSA Rig CME-55
 Logger GFP Editor DAS
 Drill Method 2 1/4" HSA

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



LOG OF TEST BORING

Project Badger Health Site
1000 Verona Ave.
 Location Verona, Wisconsin

Boring No. **12**
 Surface Elevation (ft) _____
 Job No. **C07069-1**
 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
					0	8 in. Clayey TOPSOIL (OL)					
1		10	M	17	5	Medium Dense, Dark Brown Fine to Medium SAND, Some Silt and Clay, Little Gravel (SM)					
2		16	M	22	10	Medium Dense, Gravelly Fine to Coarse SAND, Trace to Little Silt, Scattered Cobbles/Boulders (SP/SP-SM)					
3		18	M	44	15	Medium Dense to Dense, Reddish Brown Fine to Medium SAND, Some Silt and Gravel, Scattered Cobbles/Boulders (SM)					
4		18	M	28	20						
5		16	M	43	25	Dense, Gravelly Fine to Coarse SAND, Trace to Little Silt, Scattered Cobbles/Boulders (SP/SP-SM)					
					30	End Boring at 15 ft Borehole backfilled with bentonite chips					

DRAFT

WATER LEVEL OBSERVATIONS					GENERAL NOTES				
While Drilling	<input checked="" type="checkbox"/>	NW	Upon Completion of Drilling	_____	Start	9/6/07	End	9/6/07	
Time After Drilling	_____			_____	Driller	Badger	Chief	MSA	Rig CME-55
Depth to Water	_____			_____	Logger	GFP	Editor	DAS	
Depth to Cave in	_____			_____	Drill Method	2 1/4" HSA			
The stratification lines represent the approximate boundary between soil types and the transition may be gradual.									



LOG OF TEST BORING

Project Badger Health Site
1000 Verona Ave.
 Location Verona, Wisconsin

Boring No. **13**
 Surface Elevation (ft) _____
 Job No. **C07069-1**
 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	8 in. Clayey TOPSOIL (OL)					
1	16	M	9	9	Very Stiff, Brown Lean CLAY, Trace Sand (CL)	(3.0)				
2	16	M	5	5	Loose, Dark Brown Fine to Medium SAND, Some Silt and Clay, Little Gravel (SM)	(0.5)				
3	14	M	13	13	Loose Brown Fine to Medium SAND, Trace Silt (SP - Based on Driller's Description)					
4	12	M	26	26	Medium Dense, Reddish Brown Fine to Medium SAND, Some Silt and Gravel, Scattered Cobbles/Boulders (SM)					
5	14	W	39	39	Medium Dense to Very Dense, Gravelly Fine to Coarse SAND, Trace to Little Silt, Scattered to Numerous Cobbles/Boulders (SP/SP-SM)					
6	12	W	66	66						
7	0	W	18	18						
End Boring at 25 ft										
Borehole backfilled with bentonite chips										

DRAFT

WATER LEVEL OBSERVATIONS	GENERAL NOTES
While Drilling ∇ <u>13.5'</u> Upon Completion of Drilling <u>NW</u> Time After Drilling _____ Depth to Water _____ Depth to Cave in _____	Start <u>9/5/07</u> End <u>9/5/07</u> Driller <u>Badger</u> Chief <u>MSA</u> Rig <u>CME-55</u> Logger <u>GFP</u> Editor <u>DAS</u> Drill Method <u>2 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 Badger Health Site
1000 Verona Ave.
 Location Verona, Wisconsin

Boring No. **14**
 Surface Elevation (ft) _____
 Job No. **C07069-1**
 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		
1	18	M	9	5	Medium Stiff to Very Stiff, Brown/Gray (Mottled) Lean CLAY, Trace Sand (CL)	(3.0)						
2	8	M	6				10	Medium Dense, Brown Fine to Medium SAND, Little Silt, Trace Clay (SP-SM/SM)	(0.5-1.0)			
3	14	M	13	15	Dense, Reddish Brown Fine to Medium SAND, Some Silt and Gravel, Scattered Cobbles/Boulders (SM)							
4	16	M	36			30				Very Dense, Gravelly Fine to Coarse SAND, Trace to Little Silt, Scattered Cobbles/Boulders (SP/SP-SM)		
5	18	M	64									
End Boring at 15 ft												
Borehole backfilled with bentonite chips												

DRAFT

WATER LEVEL OBSERVATIONS					GENERAL NOTES					
While Drilling	<input checked="" type="checkbox"/>	NW	Upon Completion of Drilling	<input type="checkbox"/>	NW	Start	9/5/07	End	9/5/07	
Time After Drilling	_____	_____	_____	_____	_____	Driller	Badger	Chief	MSA	Rig CME-55
Depth to Water	_____	_____	_____	_____	_____	Logger	GFP	Editor	DAS	
Depth to Cave in	_____	_____	_____	_____	_____	Drill Method	2 1/4" HSA			
The stratification lines represent the approximate boundary between soil types and the transition may be gradual.										



LOG OF TEST BORING

Project Badger Health Site
1000 Verona Ave.
 Location Verona, Wisconsin

Boring No. **15**
 Surface Elevation (ft) _____
 Job No. **C07069-1**
 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		4	M	4	4 in. Clayey FILL FILL: Very Loose to Loose, Brown/Dark Gray Clayey Silt Intermixed with Sand, Gravel, Brick, Cinders, etc.					
2		4	M	3	FILL: Very Soft, Gray/Dark Gray Lean Clay, Little Sand and Gravel	(0.1-0.25)				
3/3X		18	M	9	Very Soft, Gray Lean CLAY (CL)					
4		14	M/W	13	Loose, Dark Brown Fine to Medium SAND, Some Silt and Clay, Little Gravel (SM)	(<0.1)				
					Medium Dense, Brown Fine to Medium SAND, Trace Gravel and Silt (SP)					
5		12	W	12	Medium Dense, Gravelly Fine to Coarse SAND, Little to Some Silt, Scattered Cobbles/Boulders (SP-SM/SM)					
					End Boring at 15 ft Borehole backfilled with bentonite chips					

DRAFT

WATER LEVEL OBSERVATIONS

GENERAL NOTES

While Drilling ∇ 9.5' Upon Completion of Drilling NW
 Time After Drilling _____
 Depth to Water _____
 Depth to Cave in _____

Start 9/5/07 End 9/5/07
 Driller Badger Chief MSA Rig CME-55
 Logger GFP Editor DAS
 Drill Method 2 1/4" HSA

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



LOG OF TEST BORING

Project Badger Health Site
1000 Verona Ave.
 Location Verona, Wisconsin

Boring No. **16**
 Surface Elevation (ft) _____
 Job No. **C07069-1**
 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
					0	10 in. Clayey TOPSOIL (OL)					
1		16	M	7	7	Medium Stiff to Very Stiff, Brown/Gray (Mottled) Lean CLAY, Trace Sand (CL)	(2.25)				
2		16	M	3	10		(0.5)				
3		14	M	49	14	Dense to Very Dense, Gravelly Fine to Coarse SAND, Trace to Little Silt, Scattered Cobbles/Boulders (SP/SP-SM)					
4		14	M	65	14						
5		3	M	50/3"	14	End Boring/Split-Spoon Refusal at 14 ft Borehole backfilled with bentonite chips					

DRAFT

WATER LEVEL OBSERVATIONS

GENERAL NOTES

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

Start 9/5/07 End 9/5/07
 Driller Badger Chief MSA Rig CME-55
 Logger GFP Editor DAS
 Drill Method 2 1/4" HSA

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



LOG OF TEST BORING

Project Badger Health Site
1000 Verona Ave.
 Location Verona, Wisconsin

Boring No. 17
 Surface Elevation (ft) _____
 Job No. C07069-1
 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
					0	6 in. Clayey TOPSOIL (OL)					
1		4	M	42	5	Dense, Brown Gravelly Fine to Medium SAND, Some Silt, Scattered Cobbles/Boulders (SM)					
2		8	M	40	10	Medium Dense to Dense, Reddish Brown Fine to Medium SAND, Some Silt and Gravel, Scattered Cobbles/Boulders (SM)					
3		16	M	28	15	Medium Dense, Gravelly Fine to Coarse SAND, Trace to Little Silt, Scattered Cobbles/Boulders (SP/SP-SM)					
4		18	M	38	20						
5		16	W	26	25						
					30	End Boring at 15 ft Borehole backfilled with bentonite chips					

DRAFT

WATER LEVEL OBSERVATIONS					GENERAL NOTES	
While Drilling	▽	<u>13.5'</u>	Upon Completion of Drilling	<u>NW</u>	Start	<u>9/5/07</u> End <u>9/5/07</u>
Time After Drilling					Driller	<u>Badger Chief MSA Rig CME-55</u>
Depth to Water				▼	Logger	<u>GFP Editor DAS</u>
Depth to Cave in					Drill Method	<u>2 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 Badger Health Site
1000 Verona Ave.
 Location Verona, Wisconsin

Boring No. **18**
 Surface Elevation (ft) _____
 Job No. **C07069-1**
 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	14	15 in. Clayey TOPSOIL (OL)					
	█				5	Very Stiff, Brown/Gray (Mottled) Lean CLAY, Trace Sand (CL)	(3.0)			
2	█	14	M	11	Loose, Brown Fine to Medium SAND, Little Silt, Trace Clay (SP-SM/SM)					
3	█	12	M	9	Loose to Medium Dense, Gravelly Fine to Coarse SAND, Trace to Little Silt, Scattered to Numerous Cobbles/Boulders (SP/SP-SM)					
4	█	0	M	21	End Boring/Auger Refusal at 10 ft					
					10	Borehole backfilled with bentonite chips				
					15					
					20					
					25					
					30					

DRAFT

WATER LEVEL OBSERVATIONS					GENERAL NOTES	
While Drilling	∇	18.5'	Upon Completion of Drilling	_____	16.6'	Start <u>9/5/07</u> End <u>9/5/07</u>
Time After Drilling						Driller <u>Badger</u> Chief <u>MSA</u> Rig <u>CME-55</u>
Depth to Water						Logger <u>GFP</u> Editor <u>DAS</u>
Depth to Cave in						Drill Method <u>2 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 Badger Health Site
1000 Verona Ave.
 Location Verona, Wisconsin

Boring No. **18X**
 Surface Elevation (ft) _____
 Job No. **C07069-1**
 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
				5	Boring offset 4 ft West Blind Drill 0-10 ft See Log of Testing Boring No. 18					
				10		Medium Dense to Very Dense, Gravelly Fine to Coarse SAND, Trace to Little Silt, Scattered to Numerous Cobbles/Boulders (SP/SP-SM)				
5	16	M	53	15						
				20						
6	6	W	50	25						
				30						
				25	End Boring at 25 ft Borehole backfilled with bentonite chips					

DRAFT

WATER LEVEL OBSERVATIONS

GENERAL NOTES

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

Start 9/5/07 End 9/5/07
 Driller Badger Chief MSA Rig CME-55
 Logger GFP Editor DAS
 Drill Method 2 1/4" HSA

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



LOG OF TEST BORING

Project Badger Health Site
1000 Verona Ave.
 Location Verona, Wisconsin

Boring No. **19**
 Surface Elevation (ft) _____
 Job No. **C07069-1**
 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
					10 in. Clayey TOPSOIL (OL)					
1	12	M	7		Stiff, Brown/Gray (Mottled) Lean CLAY, Trace Sand (CL)	(1.0)				
2	18	M	5		Increasing Sand with Depth	(1.25)				
3	16	M	55		Very Dense, Gravelly Fine to Coarse SAND, Trace to Little Silt, Scattered Cobbles/Boulders (SP/SP-SM)					
4	10	M	50/5"							
5	18	M	79							
End Boring at 15 ft					Borehole backfilled with bentonite chips					
Borehole backfilled with bentonite chips										

DRAFT

WATER LEVEL OBSERVATIONS	GENERAL NOTES
While Drilling <input checked="" type="checkbox"/> <u>NW</u> Upon Completion of Drilling <input type="checkbox"/> <u>NW</u> Time After Drilling _____ Depth to Water _____ Depth to Cave in _____	Start <u>9/5/07</u> End <u>9/5/07</u> Driller <u>Badger</u> Chief <u>MSA</u> Rig <u>CME-55</u> Logger <u>GFP</u> Editor <u>DAS</u> Drill Method <u>2 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 Badger Health Site
1000 Verona Ave.
 Location Verona, Wisconsin

Boring No. **20**
 Surface Elevation (ft) _____
 Job No. **C07069-1**
 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.	EX-101 Rec (in.)	Moist	N	Depth (ft)		qu (qa) (tsf)	W	LL	PL	LI
				0	14 in. Clayey TOPSOIL (OL)					
1	18	M	8	1	Medium Stiff, Brown to Brown//Gray (Mottled) Lean CLAY, Trace Sand (CL)	(2.5)				
2	18	M	7	2		(1.0)				
				5	Medium Dense to Dense, Gravelly Fine to Coarse SAND, Trace to Little Silt, Scattered Cobbles/Boulders (SP/SP-SM)					
3	12	M	36	6						
				10						
4	14	M	27	11						
				15						
5	12	M	39	16	End Boring at 15 ft Borehole backfilled with bentonite chips					
				20						
				25						
				30						

DRAFT

WATER LEVEL OBSERVATIONS

GENERAL NOTES

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

Start 9/4/07 End 9/4/07
 Driller Badger Chief MSA Rig CME-55
 Logger GFP Editor DAS
 Drill Method 2 1/4" HSA

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



LOG OF TEST BORING

Project Badger Health Site
1000 Verona Ave.
 Location Verona, Wisconsin

Boring No. 21
 Surface Elevation (ft) _____
 Job No. C07069-1
 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
1	16	M	5	5	4 in. Asphalt Pavement/2 in. Silty Gravel (Base Course)					
2	18	M	3	5	Black Silty CLAY (CL-ML - Probable Buried Topsoil) (Based on Driller's Description)	(1.0)				
3	14	M	24	5	Medium Stiff, Brown/Gray Lean CLAY, Trace Sand (CL)	(1.0)				
4	14	M	23	10	Medium Dense to Very Dense, Gravelly Fine to Coarse SAND, Trace to Little Silt, Scattered to Numerous Cobbles/Boulders (SP/SP-SM)					
5	14	M	34	15						
6	16	W	65	20						
7	10	W	38	25						
					End Boring at 25 ft					
					Borehole backfilled with bentonite chips					

DRAFT

WATER LEVEL OBSERVATIONS

GENERAL NOTES

While Drilling ∇ 18.5' Upon Completion of Drilling NW
 Time After Drilling _____
 Depth to Water _____
 Depth to Cave in _____

Start 9/4/07 End 9/4/07
 Driller Badger Chief MSA Rig CME-55
 Logger GFP Editor DAS
 Drill Method 2 1/4" HSA

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



LOG OF TEST BORING

Project Badger Health Site
1000 Verona Ave.
 Location Verona, Wisconsin

Boring No. 22
 Surface Elevation (ft) _____
 Job No. C07069-1
 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	█	16	M	6	0-8 in.	8 in. Clayey TOPSOIL (OL) Soft to Stiff, Brown/Gray (Mottled) Lean CLAY, Trace Sand (CL)	(1.5)				
2	█	18	M	3	8-11 ft	Increasing Sand with Depth	(0.25)				
3	█	16	M	43	11-15 ft	Medium Dense to Very Dense, Gravelly Fine to Coarse SAND, Trace to Little Silt, Scattered Cobbles/Boulders (SP/SP-SM)					
4	█	14	M	20	15-20 ft						
5	█	12	M	57	20-30 ft						
End Boring at 15 ft											
Borehole backfilled with bentonite chips											

DRAFT

WATER LEVEL OBSERVATIONS

GENERAL NOTES

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

Start 9/4/07 End 9/4/07
 Driller Badger Chief MSA Rig CME-55
 Logger GFP Editor DAS
 Drill Method 2 1/4" HSA

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



LOG OF TEST BORING

Project Badger Health Site
1000 Verona Ave.
 Location Verona, Wisconsin

Boring No. **23**
 Surface Elevation (ft) _____
 Job No. **C07069-1**
 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	
					5	6 in. Asphalt Pavement/12 in. Silty Sand FILL						
1		12	M	28	5	Medium Dense to Very Dense, Gravelly Fine to Coarse SAND, Trace to Little Silt, Scattered Cobbles/Boulders (SP/SP-SM)						
2		14	M	27								
3		14	M	52								
End Boring at 7.5 ft												
Borehole backfilled with cuttings												
					10							
					15							
					20							
					25							
					30							

DRAFT

WATER LEVEL OBSERVATIONS

GENERAL NOTES

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

Start 9/4/07 End 9/4/07
 Driller Badger Chief MSA Rig CME-55
 Logger GFP Editor DAS
 Drill Method 2 1/4" HSA

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

Facility/Project Name Badger Prairie Health Care Center		BT ² # 3207B		License/Permit/Monitoring Number		Boring Number B24	
Boring Drilled By (Firm name and name of crew chief) Badger State Drilling Jim Rech				Drilling Started 09/04/2007		Drilling Completed 09/04/2007	
DNR Facility Well No.		WI Unique Well No.		Common Well Name		Static Water Level Feet	
						Surface Elevation 971.4 Feet	
						Borehole Diam. 6.5 Inches	
Boring Location State Plane SE 1/4 of NW 1/4 of Section 14, T. 8 N., R. 8 E.				Lat. Long.		Local Grid Location (If applicable) Feet N., Feet E.	
County Dane				DNR County Code 13		Civil Town/City/or Village Verona	

Sample Number	Length Recovered	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	Max. PID/FID	Soil Properties			RQD/ Comments
									Standard Penetration	Moisture Content	P200	
S1	8	02-02 02	5	8" ASPHALT PAVEMENT and SILTY SAND (cinders).	FILL				2.0	M		
				LEAN CLAY, black (buried topsoil) (USDA: Silty Clay).	CL							
S2	16	08-12 13		LEAN CLAY, brown, very stiff (USDA: Silty Clay).	CL							
				SAND, brown, fine to medium, medium dense (USDA: Sand).	SP							
S3	4	08-12 18	10	GRAVEL, brown, fine to coarse, medium dense.	GP				M			
S4	16	10-12 16		End of boring @ 10'.								
<p>Note: Pocket penetrometer reading in tons per square foot is in standard penetration column.</p>												

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *Terry J. March* Firm BT², Inc. Terry March

This form is authorized by Chapters 281, 283, 289, 291, 292, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture between \$10 and \$25,000, or imprisonment for up to one year, depending on program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information.

Facility/Project Name Badger Prairie Health Care Center		BT ² # 3207B		License/Permit/Monitoring Number		Boring Number B25					
Boring Drilled By (Firm name and name of crew chief) Badger State Drilling Jim Rech				Drilling Started 09/06/2007		Drilling Completed 09/06/2007		Drilling Method 2 1/4" HSA			
DNR Facility Well No.		WI Unique Well No.		Common Well Name		Static Water Level Feet		Surface Elevation 968.0 Feet		Borehole Diam. 6.5 Inches	
Boring Location State Plane SE 1/4 of NW 1/4 of Section 14, T. 8 N., R. 8 E.				Lat. Long.		Local Grid Location (If applicable) Feet N., Feet E.					
County Dane				DNR County Code 13		Civil Town/City/or Village Verona					

Sample Number	Length Recovered	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	Max. PID/FID	Soil Properties			RQD/ Comments	
									Standard Penetration	Moisture Content	P200		
S1	18	01-03 05		8" LEAN CLAY, dark brown, topsoil (USDA: Silty Clay). LEAN CLAY, brown, stiff (USDA: Silty Clay).	CL				2.0	M			
S2	10	07-14 21		SILTY SAND, brown, fine to medium; some gravel; dense to very dense; few cobbles (USDA: Sandy Loam).							M		
S3	16	17-22 30			SM						M		
S4	16	30-24 42									M		
				End of boring @ 10'; Note: Pocket penetrometer reading in tons per square foot is in standard penetration column.									

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Terry J. March Firm BT², Inc. Terry March

This form is authorized by Chapters 281,283,289,291,292,295,and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture between \$10 and \$25,000, or imprisonment for up to one year, depending on program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information.

Facility/Project Name Badger Prairie Health Care Center		BT ² # 3207B	License/Permit/Monitoring Number		Boring Number B26
Boring Drilled By (Firm name and name of crew chief) Badger State Drilling Jim Rech			Drilling Started 09/05/2007	Drilling Completed 09/05/2007	Drilling Method 2 1/4" HSA
DNR Facility Well No.	WI Unique Well No.	Common Well Name	Static Water Level Feet	Surface Elevation 969.4 Feet	Borehole Diam. 6.5 Inches
Boring Location State Plane SE 1/4 of NW 1/4 of Section 14, T. 8 N., R. 8 E.			Lat. Long.	Local Grid Location (If applicable) Feet N., Feet E.	
County Dane		DNR County Code 13	Civil Town/City/or Village Verona		

Sample Number	Length Recovered	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	Max. PID/FID	Soil Properties			RQD/ Comments
									Standard Penetration	Moisture Content	P200	
S1	18	02-05 05	5	10" LEAN CLAY, black, topsoil (USDA: Silty Clay). LEAN CLAY, brown, stiff (USDA: Clay).	CL				1.5	M		
S2	16	01-03 03			CL				1.5	M		
S3	18	04-06 07	10	SILTY SAND, brown, fine to medium; some gravel; medium dense to dense (USDA: Silt Loam).	SM					M		
S4	18	08-11 20										
				End of boring @ 10'; Note: Pocket penetrometer reading in tons per square foot is in standard penetration column.								

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature <i>Terry J. March</i>	Firm BT ² , Inc. Terry March
------------------------------------	--

This form is authorized by Chapters 281,283,289,291,292,295,and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture between \$10 and \$25,000, or imprisonment for up to one year, depending on program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information.

Facility/Project Name Badger Prairie Health Care Center		BT ² # 3207B		License/Permit/Monitoring Number		Boring Number B27					
Boring Drilled By (Firm name and name of crew chief) Badger State Drilling Jim Rech				Drilling Started 09/05/2007		Drilling Completed 09/05/2007		Drilling Method 2 1/4" HSA			
DNR Facility Well No.		WI Unique Well No.		Common Well Name		Static Water Level Feet		Surface Elevation 968.1 Feet		Borehole Diam. 6.5 Inches	
Boring Location State Plane SE 1/4 of NW 1/4 of Section 14, T. 8 N., R. 8 E.				Lat. Long.		Local Grid Location (If applicable) Feet N., Feet E.					
County Dane				DNR County Code 13				Civil Town/City/or Village Verona			

Sample Number	Length Recovered	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	Max. PID/FID	Soil Properties			RQD/ Comments
									Standard Penetration	Moisture Content	P200	
S1	18	04-07 08	5	10" LEAN CLAY, dark brown, topsoil (USDA: Silt Loam). LEAN CLAY, brown, very stiff (USDA: Clay).	CL				3.0	M		
S2	16	08-17 20		SAND, brown, fine to medium; dense; some gravel (USDA: Sand).	SP						M	
S3	16	27-43 47		SANDY GRAVEL, brown, fine to coarse; very dense (USDA: Sand).	GP						M	
S4	14	14-27 45		10	End of boring @ 10'						M	
<p>Note: Pocket penetrometer reading in tons per square foot is in standard penetration column.</p>												

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Terry J. March Firm BT², Inc. Terry March

This form is authorized by Chapters 281,283,289,291,292,295,and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture between \$10 and \$25,000, or imprisonment for up to one year, depending on program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information.

Facility/Project Name Badger Prairie Health Care Center		BT ² # 3207B		License/Permit/Monitoring Number		Boring Number B28					
Boring Drilled By (Firm name and name of crew chief) Badger State Drilling Jim Rech				Drilling Started 09/05/2007		Drilling Completed 09/05/2007		Drilling Method 2 1/4" HSA			
DNR Facility Well No.		WI Unique Well No.		Common Well Name		Static Water Level Feet		Surface Elevation 972.7 Feet		Borehole Diam. 6.5 Inches	
Boring Location State Plane SE 1/4 of NW 1/4 of Section 14, T. 8 N., R. 8 E.				Lat. Long.		Local Grid Location (If applicable) Feet N., Feet E.					
County Dane				DNR County Code 13		Civil Town/City/or Village Verona					

Sample Number	Length Recovered	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	Max. PID/FID	Soil Properties			RQD/ Comments
									Standard Penetration	Moisture Content	P200	
S1	14	02-03 05	5	14" LEAN CLAY, dark brown, (USDA: Silty Clay Loam). LEAN CLAY, brown, stiff to very stiff (USDA: Silty Clay).	CL				2.5	M		
S2	12	02-03 04			CL				1.5	M		
S3	10	08-09 10	10	SAND, brown, fine to medium; medium dense; some gravel (USDA: Sand).	SP					M		
S4	14	03-04 07			SP					M		
				End of boring @ 10'; Note: Pocket penetrometer reading in tons per square foot is in standard penetration column.								

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *Terry J. March* Firm BT², Inc. Terry March

This form is authorized by Chapters 281,283,289,291,292,295,and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture between \$10 and \$25,000, or imprisonment for up to one year, depending on program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information.

Facility/Project Name Badger Prairie Health Care Center		BT ² # 3207B	License/Permit/Monitoring Number		Boring Number B29
Boring Drilled By (Firm name and name of crew chief) Badger State Drilling Jim Rech			Drilling Started 09/04/2007	Drilling Completed 09/04/2007	Drilling Method 2 1/4" HSA
DNR Facility Well No.	WI Unique Well No.	Common Well Name	Static Water Level Feet	Surface Elevation 966.2 Feet	Borehole Diam. 6.5 Inches
Boring Location State Plane SE 1/4 of NW 1/4 of Section 14, T. 8 N., R. 8 E.			Lat. Long.	Local Grid Location (If applicable) Feet N., Feet E.	
County Dane		DNR County Code 13	Civil Town/City/or Village Verona		

Sample Number	Length Recovered	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	Max. PID/FID	Soil Properties			RQD/ Comments	
									Standard Penetration	Moisture Content	P200		
S1	18	02-03 04	5	10" LEAN CLAY, black, topsoil (USDA: Silty Clay Loam). LEAN CLAY, brown, soft to stiff (USDA: Silty Clay).	CL				1.5	M			
S2	16	02-10 16		SANDY GRAVEL, brown, fine to medium; very dense; few cobbles.	CL							0.5	M
S3	16	15-31 28	GP										
S4	14	09-30 50	10										
				End of boring @ 10'; Note: Pocket penetration reading in tons per square foot is in standard penetration column.									

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *Terry J March* Firm BT², Inc. Terry March

This form is authorized by Chapters 281,283,289,291,292,295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture between \$10 and \$25,000, or imprisonment for up to one year, depending on program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information.