

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET	TOTAL SHEETS
383	29R-T	McHENRY	88	84
F.A.P. 383		ILLINOIS FED. AID PROJECT-		

CONTRACT NO. 62202

BORING NO. B-3 (1 OF 1)

BORING NO. B-4 (1 OF 1)

BORING NO. B-5 (1 OF 1)

GROUND ENGINEERING CONSULTANTS, INC.  
STRUCTURE BORING LOG  
Page 1 of 1 Date 3/26/02

ROUTE \_\_\_\_\_ DESCRIPTION \_\_\_\_\_  
SECT. \_\_\_\_\_ STRUCT. NO. \_\_\_\_\_ DRILLED BY BP  
COUNTY McHenry LOCATION US 14 over Mokeler Creek S. \_\_\_\_\_, TWP. \_\_\_\_\_, RNG. \_\_\_\_\_

Boring No. B-3  
Station 0+956.771  
Offset 11.1 m Lt

DEPTH (m)	DESCRIPTION	DEPTH (m)	BLOWS	QU (kPa)	W (%)	DEPTH (m)	BLOWS	QU (kPa)	W (%)
0.0	FILL, clay, silt & sand, black & brown, loose to medium dense	275.1	11			0.0	11		
0.2			22		15	0.2	22		15
0.4			9			0.4	9		
0.7			5		11	0.7	5		11
1.5			20			1.5	20		
280.6	SANDY LOAM, brown, loose								
2.0			11		11	2.0	11		11
3.0			21			3.0	21		
278.8	SAND, tr. gravel, brown, medium dense, saturated								
4.5		270.7	6	15	10	4.5	6	15	10
5.0			31			5.0	31		
6.0			12			6.0	12		
7.5			14			7.5	14		
8.0			10		15	8.0	10		15
10.0			14			10.0	14		
11.0			12			11.0	12		
12.0			14			12.0	14		
13.5			13			13.5	13		
14.0			14			14.0	14		
15.0			15			15.0	15		

END OF BORING 270.7 -12.0

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test  
Stations, Depths, Offset, and Elevations are in Meters

GROUND ENGINEERING CONSULTANTS, INC.  
STRUCTURE BORING LOG  
Page 1 of 1 Date 3/18/02

ROUTE \_\_\_\_\_ DESCRIPTION \_\_\_\_\_  
SECT. \_\_\_\_\_ STRUCT. NO. \_\_\_\_\_ DRILLED BY BP  
COUNTY McHenry LOCATION US 14 over Mokeler Creek S. \_\_\_\_\_, TWP. \_\_\_\_\_, RNG. \_\_\_\_\_

Boring No. B-4  
Station 0+966.483  
Offset 13.5 m Rt

DEPTH (m)	DESCRIPTION	DEPTH (m)	BLOWS	QU (kPa)	W (%)	DEPTH (m)	BLOWS	QU (kPa)	W (%)
0.0	FILL, clay & sand, black & brown, loose to medium dense	281.1	4			0.0	4		
0.3			3	32		0.3	3	32	
0.4			4			0.4	4		
2.0			10	24		2.0	10	24	
1.5			5			1.5	5		
281.1	SAND, some gravel, brown & gray, dense to medium dense, saturated								
2.0			20	13		2.0	20	13	
2.2			22			2.2	22		
2.3			13			2.3	13		
273.0	SANDY LOAM, gray, very stiff								
3.0			11	14		3.0	11	14	
3.0			10			3.0	10		
3.0			8			3.0	8		
4.5			1	15		4.5	1	15	
5.0			5			5.0	5		
5.0			5			5.0	5		
270.6	SANDY LOAM, gray, medium dense & dense								
4.5			4	15		4.5	4	15	
5.0			9			5.0	9		
5.0			8			5.0	8		
7.0			7	12		7.0	7	12	
8.0			8			8.0	8		
9.0			9			9.0	9		
6.0			6	13		6.0	6	13	
6.0			8			6.0	8		
6.0			14			6.0	14		
275.7	SANDY LOAM, gray, medium dense & dense								
7.5			6	15		7.5	6	15	
8.0			12			8.0	12		
8.0			15			8.0	15		

END OF BORING 270.6 -12.0

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test  
Stations, Depths, Offset, and Elevations are in Meters

GROUND ENGINEERING CONSULTANTS, INC.  
STRUCTURE BORING LOG  
Page 1 of 1 Date 3/12/02

ROUTE \_\_\_\_\_ DESCRIPTION \_\_\_\_\_  
SECT. \_\_\_\_\_ STRUCT. NO. \_\_\_\_\_ DRILLED BY BP  
COUNTY McHenry LOCATION US 14 over Mokeler Creek S. \_\_\_\_\_, TWP. \_\_\_\_\_, RNG. \_\_\_\_\_

Boring No. B-5  
Station 0+949.854  
Offset 13.5 m Rt

DEPTH (m)	DESCRIPTION	DEPTH (m)	BLOWS	QU (kPa)	W (%)	DEPTH (m)	BLOWS	QU (kPa)	W (%)
0.0	FILL, sand, clay & topsoil, loose, moist	273.6	2			0.0	2		
0.1			1		14	0.1	1		14
0.2			13			0.2	13		
0.4			4	26		0.4	4	26	
0.5			5			0.5	5		
273.6	SILTY LOAM, brown & gray, very stiff								
2.0			3	23		2.0	3	23	
3.0			3			3.0	3		
280.5	SANDY CLAY, brown to gray, soft								
3.0			2	16		3.0	2	16	
3.0			3			3.0	3		
3.0			3			3.0	3		
279.0	SILTY CLAY, gray, very stiff								
4.5			4	18		4.5	4	18	
5.0			17			5.0	17		
5.0			12			5.0	12		
278.3	SAND, some gravel, brown & gray, medium dense, saturated								
4.5			4	18		4.5	4	18	
5.0			17			5.0	17		
5.0			12			5.0	12		
7.0			9	16		7.0	9	16	
8.0			7			8.0	7		
9.0			7			9.0	7		
10.0			4	14		10.0	4	14	
11.0			2			11.0	2		
12.0			3	14		12.0	3	14	
13.0			7			13.0	7		
14.0			8			14.0	8		

END OF BORING 270.9 -12.0

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test  
Stations, Depths, Offset, and Elevations are in Meters

DESIGNED J.S. / R.A.  
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**BORING LOGS**  
U.S. ROUTE 14  
OVER MOKELER CREEK  
SECTION 29R-T  
McHENRY COUNTY  
STA. 0+956.56  
STRUCTURE NO. 056-0076  
Date: February, 2005 Scale: None