

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET	TOTAL
383	29R-T	McHENRY	88	70
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 62202

BORING NO. B-1 (1 OF 1)

BORING NO. B-2 (1 OF 1)

BORING NO. B-6 (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-1  
Station 0+979.057  
Offset 12.1 m Lt

Surface Elev. 282.65 (m)

DEPTH (m)	D E P T H	B L O W S	Qu kPa	W %	Surface Water Elev. Groundwater Elev. when drilling at Completion after _____ Hrs.	D E P T H	B L O W S	Qu kPa	W %
275.0									
		5		27			6		28
		5					7		
		5					9		
274.2									
		5		25			5		20
		9					8		
281.1	-1.5								
		13		18					
		13							
		6							
280.1									
		6	72	22			15		16
		2	P				10		
		2					18		
279.3	-3.0								
		13		12					
		11							
		13							
276.6	-4.5								
		9		14			9		11
		8					16		
		5					28		
		3		15					
		4							
		10							
		7		14					
		6							
		7							
276.3	-8.0								
		4		16					
		5							
		2							
275.6	-7.5								
		5		24					
		10							
		11							

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 3/18/02

ROUTE \_\_\_\_\_ DESCRIPTION \_\_\_\_\_

SECT. \_\_\_\_\_ STRUCT. NO. \_\_\_\_\_ DRILLED BY BP

COUNTY McHenry LOCATION US 14 over Mokeler Creek S. \_\_\_\_\_, TWP. \_\_\_\_\_, RNG. \_\_\_\_\_

Boring No. B-2  
Station 0+979.980  
Offset 10.7 m Rt

Surface Elev. 282.68 (m)

DEPTH (m)	D E P T H	B L O W S	Qu kPa	W %	Surface Water Elev. Groundwater Elev. when drilling at Completion after _____ Hrs.	D E P T H	B L O W S	Qu kPa	W %
274.3									
		4		17			7		13
		8					17		
		9					20		
274.3									
		4		20			9		11
		7					20		
		10					24		
280.7	-1.5								
		4		25					
		7							
		11							
		5		14			5		12
		6					9		
		5					10		
270.7	-3.0								
		5		12					
		5							
		5							
		3		10			25		10
		4					22		
		6					20		
270.7	-4.5								
		5		11					
		7							
		8							
		4		12					
		10							
		13							
276.3	-8.0								
		4		16					
		5							
		2							
275.6	-7.5								
		5		12					
		13							
		22							

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 3/19/02

ROUTE \_\_\_\_\_ DESCRIPTION \_\_\_\_\_

SECT. \_\_\_\_\_ STRUCT. NO. \_\_\_\_\_ DRILLED BY BP

COUNTY McHenry LOCATION US 14 over Mokeler Creek S. \_\_\_\_\_, TWP. \_\_\_\_\_, RNG. \_\_\_\_\_

Boring No. B-6  
Station 0+932.532  
Offset 11.8 m Lt

Surface Elev. 283.04 (m)

DEPTH (m)	D E P T H	B L O W S	Qu kPa	W %	Surface Water Elev. Groundwater Elev. when drilling at Completion after _____ Hrs.	D E P T H	B L O W S	Qu kPa	W %
273.4									
		4		22			6		10
		5					16		
		6					25		
273.4									
		3		27			5		13
		3					15		
		4					26		
281.1	-1.5								
		4		17					
		3							
		2							
280.2	-3.0								
		10		16			10		13
		8					15		
		3					20		
279.4	-4.5								
		3		30					
		4							
		6							
		6		18			14		14
		10					25		
		14					40		
271.0	-12.0								
		4		8					
		8							
		5							
		10		7					
		18							
		18							
276.0	-8.0								
		38		18					
		23							
		20							
276.0	-7.5								
		6		18					
		10							
		19							

END OF BORING 271.0 -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.  
CHECKED H.T./N.S.  
DRAWN J.S./B.I.D.  
CHECKED H.T./M.R.

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**BORING LOGS (1 of 7)**

**U.S. 14 RETAINING WALLS  
AT MOKELER CREEK  
SECTION 29R-T  
McHENRY COUNTY  
STA. 0+647.90 TO STA. 0+982.78  
AT STRUCTURE NO. 056-0007**

Date: February, 2005 Scale: None