

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET	TOTAL SHEETS
323	29R-T	McHENRY	88	74
FED. ROAD DIST. NO. 1		DISTRICT	FED. AID PROJECT	

CONTRACT NO. 62202

BORING NO. B-16 (1 OF 1)

BORING NO. B-17 (1 OF 1)

GROUND ENGINEERING CONSULTANTS, INC.
STRUCTURE BORING LOG

Page 1 of 1
Date 3/22/02

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

Boring No. B-16 Station 0+658.249 Offset 10.5 m Rt
Surface Elev. 290.59 (m)

D E P T H	B L O W S	Q u kPa	W %	Surface Water Elev.		D E P T H	B L O W S	Q u kPa	W %
				when drilling	at Completion				
	5		17				5		19
	3						7		
	2						7		
	7						4		18
	4		21				7		
	6						14		
	7								
	4		19						
	2								
	7						2		21
	9		13				2		
	11						2		
	7								
	6		8						
	11								
	21						3		
	31		7				5		22
	31						7		
	31								
	31								
	58		8						
	90								
	25								
	50		11						
	100								
	15								
	25		11						
	20								
	6								
	7		22						
	8								

Surface Water Elev. _____
Groundwater Elev. _____
when drilling _____
at Completion _____
after _____ Hrs. 290.59

END OF BORING 278.6 -12.0

SAND & GRAVEL, brown, very dense to extremely dense, saturated

SANDY LOAM, brown, medium dense

FILL, 8" concrete over topsoil, clay, sand, stone, cinders & rubble, brown & black, loose to medium dense, damp to moist

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 3/23/02

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

Boring No. B-17 Station 0+645.766 Offset 18.9 m Rt
Surface Elev. 290.87 (m)

D E P T H	B L O W S	Q u kPa	W %	Surface Water Elev.		D E P T H	B L O W S	Q u kPa	W %
				when drilling	at Completion				
	8		10				2		29
	3						2		
	11						3		
	5						4		18
	3		12				10		
	2						14		
	14								
	7		24						
	3						3		17
	5		14				4		
	10						4		
	5								
	3		13						
	7								
	5						5		20
	9		18				5		
	7						7		
	7								
	8		16						
	6								
	20								
	38		8						
	28								
	9								
	10		6						
	8								
	2								
	3		20						
	2								

Surface Water Elev. _____
Groundwater Elev. _____
when drilling _____
at Completion _____
after _____ Hrs. _____

END OF BORING 278.9 -12.0

SANDY LOAM, gray & brown, medium dense

SAND, some gravel, brown, dense to medium dense, damp to wet at 21'

SILT, dark gray, loose

FILL, 5" asphalt, 6" stone base over sand, cinders, stone & clay, brown & black, loose to medium dense

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

Sheet SI-35 of 37

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 (5 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