

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	KENDALL	931	641
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 5		ILLINOIS FED. AID PROJECT		

*15CS, 13C, 108, 109R



Illinois Department of Transportation
Division of Highways
ILLINOIS DOT

SOIL BORING LOG

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Date 6/18/02

ROUTE FAP 326(IL47) DESCRIPTION MAST ARM FOUNDATION AT IL 47 & IL 126 SOUTH OF YORKVILLE LOGGED BY L.M.

SECTION (5CS,13C,108,109)R LOCATION SE 1/4, SEC. 32, TWP. 37N, RNG. 7E, 3rd PM

COUNTY KENDALL DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	DEPTHS	U	M	Surface Water Elev.	DEPTHS	U	M
Station	(m)	(/150 mm)	(kPa) (%)	m	(m)	(/150 mm)	(kPa) (%)
AUGERED Brown SILTY CLAY LOAM				Very Stiff Gray SILTY CLAY LOAM TILL (continued)	4		
					5	364	10.0
					6	B	
Medium Brown SILTY CLAY LOAM	2			Very Stiff Gray SILTY CLAY TILL			
	1		19.0				
	2						
	-1.5				-7.5		
Very Stiff Brown SILTY CLAY LOAM TILL	4				1		
	5	297	14.0		4	383	19.0
	7	S			8	B	
	6			End of Boring			
	6	259	14.0				
	7	B					
Hard Gray SILTY CLAY LOAM TILL	-3.0				-3.0		
	4						
	6	469	12.0				
	8	B					
	5						
	6	431	12.0				
	8	B					
Very Stiff Gray SILTY CLAY LOAM TILL	-4.5				-10.5		
	4						
	5	345	12.0				
	8	B					
Hard Gray SILTY CLAY LOAM TILL							
	4						
	5	431	10.0				
	8	B					
	-6.0				-12.0		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, form 137 (Rev. 8-99)



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Date 6/18/02

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SECTION (5CS,13C,108,109)R LOCATION SE 1/4, SEC. 32, TWP. 37N, RNG. 7E, 3rd PM

COUNTY KENDALL DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	DEPTHS	U	M	Surface Water Elev.	DEPTHS	U	M
Station	(m)	(/150 mm)	(kPa) (%)	m	(m)	(/150 mm)	(kPa) (%)
AUGERED SHOULDER STONE Over Brown SILTY CLAY LOAM				Very Stiff Gray SILTY CLAY LOAM TILL (continued)	3		
					4	278	10.0
					5	B	
Stiff Brown SILTY CLAY LOAM (FILL)	3			Loose Rounded SAND & GRAVEL			
	3	182	25.0				
	7	B					
	-1.5				-7.5		
Very Stiff Brown & Gray SILTY CLAY LOAM TILL	4				6		
	5	297	19.0		6	-	13.0
	7	B			5	192	20.0
	3			Very Stiff Gray SILTY CLAY LOAM TILL			
	4	240	14.0				
	6	B		End of Boring			
Hard Gray SILTY CLAY LOAM TILL	-3.0				-3.0		
	3						
	7	575	12.0				
	9	S					
Very Stiff Gray SILTY CLAY LOAM TILL							
	4						
	6	345	13.0				
	8	B					
	-4.5				-10.5		
	3						
	4	345	11.0				
	7	B					
	5						
	7	259	10.0				
	5	B					
	-6.0				-12.0		

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COUNTY KENDALL DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	DEPTHS	U	M	Surface Water Elev.	DEPTHS	U	M
Station	(m)	(/150 mm)	(kPa) (%)	m	(m)	(/150 mm)	(kPa) (%)
AUGERED Brown SILTY CLAY LOAM				Very Stiff Gray SILTY CLAY LOAM TILL (continued)	4		
					6	316	14.0
					8	B	
Hard Brown SILTY CLAY LOAM TILL (FILL)	6						
	8						
	9						
	-1.5				-7.5		
	9				4		
	11	450	15.0		6	259	14.0
	14	S			8	B	
Very Stiff Gray SILTY CLAY LOAM TILL				End of Boring			
	5						
	8	259	14.0				
	8	B					
	-3.0				-9.0		
	3						
	4	287	14.0				
	7	B					
	3						
	5	278	14.0				
	6	B					
	-4.5				-10.5		
	4						
	5	297	14.0				
	7	B					
	4						
	6	316	13.0				
	7	B					
	-6.0				-12.0		

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BBS, form 137 (Rev. 8-99)

PLOT DATE = 8/11/2011
FILE NAME = h:\s122\design\640-6478\brngl\ogs.dgn
PLOT SCALE = 20.8333 / 1 IN.
USER NAME = USERDESCR

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL BORING LOG FOR
MAST ARM FOUNDATION
IL. 47 (BRIDGE ST.)/
IL. 126 (SCHOOL HOUSE RD.)

SCALE: NONE
DATE: MARCH, 2010

DRAWN BY: SL
CHECKED BY: KC