


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(110,111)T	LEE	59	39
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

# BORING LOGS



**Illinois Department of Transportation**  
Division of Highways  
Illinois Department of Transportation D-2

## SOIL BORING LOG

Page 1 of 1  
Date 6/28/06

ROUTE IL 251 DESCRIPTION P92-001-07 Box culvert on IL 251, 0.2 m. E. of Carnahan Road LOGGED BY P. Drezon

SECTION \_\_\_\_\_ LOCATION Brooklyn Twp. - 10 SW, SEC., TWP. 37N, RNG. 1E

COUNTY Lee DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO. Station	BORING NO. Station	Offset	Ground Surface Elev. ft	D (ft)	B (6")	U (tsf)	M (%)	Description	Elev. ft	D (ft)	B (6")	U (tsf)	M (%)
			96.50					Surface Water Elev. _____ ft					
								Stream Bed Elev. <u>7.50</u> ft					
								Groundwater Elev.:					
								First Encounter _____ ft					
								Upon Completion _____ ft					
								After _____ Hrs. _____ ft					
								STIFF brown LOAM					
						1.5	14.0	TILL					
						P							
									75.00				
			94.00					VERY STIFF brown/black LOAM					
					4			TILL					
					4	2.3	33.0						
			92.50		6	B			72.50				
								VERY STIFF brown LOAM with TILL					
					1								
					2	2.3	14.0						
			90.00		2	B			70.00				
								VERY STIFF brown SILTY LOAM with TILL					
					1								
					1	0.1	23.0						
			87.50		2	P			67.50				
								VERY SOFT brown moist SANDY LOAM					
								with TILL					
					3								
					4	2.1	13.0						
			85.00		7	B			65.00				
								VERY STIFF brown SILTY CLAY with TILL					
					4								
					4	1.8	13.0						
			82.50		6	B			62.50				
								STIFF brown LOAM with TILL					
					4								
					4	1.7	13.0						
			80.00		7	B			60.00				
								STIFF brown SILTY CLAY with TILL					
					4								
					5	1.7	13.0						
			77.50		7	B			57.50				
								STIFF brown SILTY CLAY with TILL					
								VERY STIFF brown LOAM with TILL					
								End of Boring					

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, from 137 (Rev. 8-99)

PLOT DATE = Tue Feb 28 10:31:23 2006  
 PLOT SCALE = 50.00000 / IN.  
 USER NAME = eashmanb

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCALE: VERT. HORIZ. DATE
DRAWN BY		CHECKED BY

## BORING LOGS