


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(110,111)	LEE	59	35
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

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Date 6/28/06

ROUTE IL 251 DESCRIPTION P92-001-07 Box culvert on IL 251, 0.5 m. S. of Cottage Hill Road LOGGED BY P. Drezen


SECTION _____ LOCATION Brooklyn Twp. - 32 E. SEC. , TWP. 37N, RNG. 1E

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

STRUCT. NO.	D	B	U	M	Surface Water Elev.	D	B	U	M
Station	P	O	S	I	ft	P	O	S	I
BORING NO.	T	W	S	T	Groundwater Elev.:	T	W	S	T
Station	H	S	Qu	T	First Encounter	H	S	Qu	T
Offset					Upon Completion				
Ground Surface Elev.	(ft)	(6")	(tsf)	(%)	ft	(ft)	(6")	(tsf)	(%)
052-1079					Dry				
+20 N					83.0				
12.00ft W CL					Dry				
99.50									
MEDIUM brown LOAM			0.5	26.0	STIFF gray SILTY CLAY with TILL				
			P						
					78.00				
STIFF brown SILTY LOAM					STIFF gray SILTY CLAY with TILL				
					75.50				
MEDIUM brown SILTY LOAM					STIFF gray SILTY CLAY with TILL				
					73.00				
STIFF gray LOAM					STIFF gray SILTY CLAY with TILL				
					70.50				
MEDIUM gray SILTY CLAY with TILL					STIFF gray SILTY CLAY with TILL				
					68.00				
MEDIUM gray fine moist SAND with SILTY CLAY lens					STIFF gray SILTY CLAY with TILL				
					65.50				
STIFF gray SILTY CLAY					STIFF gray SILTY CLAY with TILL				
					63.00				
STIFF gray SILTY CLAY					STIFF gray SILTY CLAY with TILL				
					60.50				

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)



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BORING NO.	T	W	S	T	Groundwater Elev.:	T	W	S	T
Station	H	S	Qu	T	First Encounter	H	S	Qu	T
Offset					Upon Completion				
Ground Surface Elev.	(ft)	(6")	(tsf)	(%)	ft	(ft)	(6")	(tsf)	(%)
052-1079					Dry				
+20 N					83.0				
12.00ft W CL					Dry				
99.50									
STIFF gray SILTY CLAY with TILL					58.00				
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 18:31:28 2006
 PLOT SCALE = 50.0000 1/4" = 1'-0"
 USER NAME = cwhammanb

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	

SCALE: VERT. _____ HORIZ. _____ DATE _____ DRAWN BY _____ CHECKED BY _____

BORING LOGS