


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(110,111)T	LEE	59	36
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. 052-1079 D E L C O S I S H S Qu T
Station _____ P O S I S T W S Qu T
BORING NO. B-2b H S Qu T
Station +10 S
Offset 12.00ft. E CL
Ground Surface Elev. 100.00 ft (ft) (/6") (tsf) (%)

Soil Description	Depth (ft)	Penetration (6")	Blow Count (tsf)	Penetration (%)	Soil Description	Depth (ft)	Penetration (6")	Blow Count (tsf)	Penetration (%)
Surface Water Elev.					STIFF gray SILTY CLAY with TILL	2			
Stream Bed Elev.	93.00					4	1.0	14.0	
Groundwater Elev.:						6	B		
First Encounter						78.50			
Upon Completion	Dry				MEDIUM gray SILTY CLAY with TILL	5			
After	Hrs.					6	0.8	15.0	
						8	P		
						76.00			
					MEDIUM gray SILTY CLAY with TILL	4			
						4	0.9	13.0	
						7	B		
						73.50			
					MEDIUM gray LOAM with TILL	2			
						3	0.5	15.0	
						5	B		
						71.00			
					MEDIUM gray SILTY CLAY with TILL	3			
						4	0.8	16.0	
						5			
						68.50			
					MEDIUM gray LOAM with TILL	3			
						3	0.9	13.0	
						5	B		
						66.00			
					STIFF gray SILTY CLAY with TILL	3			
						4	1.7	13.0	
						6	B		
						63.50			
					MEDIUM gray LOAM with TILL	8			
						9	0.5	14.0	
						11	P		
						61.00			
						40			

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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STRUCT. NO. 052-1079 D E L C O S I S H S Qu T
Station _____ P O S I S T W S Qu T
BORING NO. B-2b H S Qu T
Station +10 S
Offset 12.00ft. E CL
Ground Surface Elev. 100.00 ft (ft) (/6") (tsf) (%)

Soil Description	Depth (ft)	Penetration (6")	Blow Count (tsf)	Penetration (%)
STIFF gray LOAM with TILL	5			
	8	1.7	12.0	
	8	B		
End of Boring	58.50			

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)

PLOT DATE = Tue Feb 28 18:03:27 2006
 PLOT SCALE = 80.0000 / IN.
 USER NAME = eashmanbv

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

DRAWN BY _____
CHECKED BY _____

BORING LOGS