


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(110,111)T	LEE	59	38
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 2  
Date 6/28/06

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

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. 052-1071 D E L C O S I S T H S Qu T (ft) (6") (tsf) (%)


Station \_\_\_\_\_ Surface Water Elev. \_\_\_\_\_ ft  
Stream Bed Elev. 92.00 ft

BORING NO. B-1c Groundwater Elev.: \_\_\_\_\_ ft  
Station +30 E First Encounter \_\_\_\_\_ ft  
Offset 11.00ft N CL Upon Completion Dry ft  
Ground Surface Elev. 100.20 ft After \_\_\_\_\_ Hrs. \_\_\_\_\_ ft

Soil Description	Elev. (ft)	D (ft)	B (6")	U (tsf)	M (%)	Soil Description	Elev. (ft)	D (ft)	B (6")	U (tsf)	M (%)	
												Failure Mode
MEDIUM brown LOAM				1.0	23.0	STIFF brown SILTY CLAY with TILL	78.70	2	4	1.7	12.0	
				P				7	7	B		
MEDIUM black LOAM	97.70		2			STIFF brown SILTY CLAY with TILL		3				
			2	0.5	35.0			5	1.7	12.0		
	96.20		3	P				9	B			
MEDIUM black SILTY LOAM with ORGANICS			1			STIFF brown SILTY CLAY with TILL	73.70	3				
			1	0.5	34.0			4	1.5	13.0		
	93.70		3	P				8	B			
VERY STIFF brown LOAM with TILL and ORGANICS			1			STIFF brown SILTY CLAY with TILL	71.20	3				
			1	2.5	13.0			5	1.1	13.0		
	91.20		4	P				8				
VERY STIFF brown SILTY LOAM			4			STIFF brown SILTY CLAY with TILL	68.70	2				
			5	2.5	13.0			5	1.7	12.0		
	88.70		21	B				8	B			
STIFF brown SILTY CLAY with TILL			3			STIFF brown SILTY CLAY with TILL	66.20	2				
			4	1.2	13.0			6	1.4	12.0		
	86.20		6	B				9	B			
STIFF brown SILTY CLAY with TILL			2			VERY STIFF brown SILTY CLAY with TILL	63.70	3				
			4	1.2	12.0			4	2.1	12.0		
	83.70		5	B				8	B			
STIFF brown SILTY CLAY with TILL			3			STIFF brown SILTY CLAY with TILL	61.20	6				
			4	1.2	14.0			7	1.8	12.0		
	81.20		6					10	B			

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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												Failure Mode
VERY STIFF brown SILTY CLAY with TILL								4				
			6	2.3	12.0			10	B			
End of Boring	58.70											

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BBS, from 137 (Rev. 8-99)

PLOT DATE = Tue Feb 28 10:31:27 2008  
 PLOT SCALE = 1:1000  
 USER NAME = cwh/mmbv

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

# BORING LOGS