

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. Drezen

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

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

STRUCT. NO. _____	D	B	U	M	Surface Water Elev. _____ ft	D	B	U	M
Station _____	E	L	C	O	Stream Bed Elev. <u>7.50</u> ft	E	L	C	O
	P	O	S	I		P	O	S	I
BORING NO. <u>B-2c</u>	T	W	S	S	Groundwater Elev.: _____ ft	T	W	S	S
Station <u>+42 W</u>	H	S	Qu	T	First Encounter _____ ft	H	S	Qu	T
Offset <u>33.70ft N CL</u>					Upon Completion <u>Dry</u> ft				
Ground Surface Elev. <u>96.50</u> ft	(ft)	(6")	(tsf)	(%)	After _____ Hrs. _____ ft	(ft)	(6")	(tsf)	(%)

STIFF brown LOAM			1.5	14.0	STIFF brown SILTY CLAY with TILL				
			P			75.00	5	1.8	13.0
							7	B	
VERY STIFF brown/black LOAM	94.00		4		STIFF brown SILTY CLAY with TILL		3		
			4	2.3	33.0		4	1.2	12.0
	92.50		6	B		72.50	8	B	
VERY STIFF brown LOAM with TILL			1		VERY STIFF brown SILTY LOAM with TILL		4		
			2	2.3	14.0		6	2.1	12.0
	90.00		2	B		70.00	8	B	
VERY SOFT brown moist SANDY LOAM			1		VERY STIFF brown SILTY LOAM with TILL		5		
			1	0.1	23.0		7	2.0	11.0
	87.50		2	P		67.50	10	B	
VERY STIFF brown SILTY CLAY with TILL			3		STIFF brown LOAM with fine SAND and TILL		4		
			4	2.1	13.0		7	1.7	12.0
	85.00		7	B		65.00	10	B	
STIFF brown SILTY CLAY with TILL			4		VERY STIFF brown LOAM with TILL		7		
			4	1.8	13.0		8	2.7	11.0
	82.50		6	B		62.50	12	B	
STIFF brown SILTY CLAY with TILL			4		STIFF brown LOAM with TILL		5		
			4	1.7	13.0		9	1.8	12.0
	80.00		7	B		60.00	11	B	
STIFF brown SILTY CLAY with TILL			4		VERY STIFF brown LOAM with TILL		6		
			5	1.7	13.0		9	2.1	13.0
	77.50		7	B		57.50	11	B	
					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)

DATE = Tue Feb 28 10:51:28 2006  
TIME = 10:51:28 AM  
PROJECT = 03000001 / IN.  
SCALE = 50:1  
USER NAME = cashmanbw

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

## BORING LOGS