


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(110,111)T	LEE	59	40
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 6/30/06

ROUTE IL 251 DESCRIPTION P92-001-07 Box culvert on IL 251, 0.1 m. N. of Stain Brook Road LOGGED BY P. Drezon


SECTION \_\_\_\_\_ LOCATION Viola Twp. - 23 SW. SEC. , TWP. 38N, RNG. 1E

COUNTY Lee DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.	Station	BORING NO.	Station	Offset	Ground Surface Elev.	D (ft)	B (/6")	U (tsf)	M (%)	Soil Description				D (ft)	B (/6")	U (tsf)	M (%)	
										Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter					Upon Completion
052-1065		B-1a	+16 N	14.00ft E CL	99.50					VERY STIFF brown SILTY CLAY with TILL (continued)	78.00	6	2.7	13.0				
							0.5	12.0										
						97.50	1			SOFT brown SILTY LOAM with ORGANICS and SAND lenses		3						
						96.00	2	0.4	24.0			3						
							3					4						
										SOFT black SILTY CLAY		4						
						93.50	1					2	0.4	33.0				
							3					6						
										SOFT black SILTY CLAY with TILL		7						
						91.00	3	0.3	31.0			9						
							5					12						
										MEDIUM brown SILTY CLAY with TILL		14						
						88.50	2					15						
							3	0.7	14.0			24						
							4					9						
						86.00	6	0.5	17.0			15						
							8					18						
										MEDIUM brown SILTY CLAY with TILL		12						
						83.50	3					13						
							4	2.3	12.0			13						
							7					12						
										VERY STIFF brown SILTY CLAY with TILL		16						
						81.00	3					20						
							6	2.3	12.0			19						
							9					19						
										VERY STIFF brown SILTY CLAY with TILL								
							3											

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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										Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter					Upon Completion
052-1065		B-2a	+14 S	31.00ft W CL	96.10					VERY STIFF brown SILTY CLAY with TILL (continued)	74.60	8	3.1	12.0				
												12						
						94.10	3			VERY STIFF brown LOAM with ORGANICS		1						
						92.60	3	2.5	27.0			3						
							4					9						
										MEDIUM gray SILTY CLAY with ORGANICS		8						
						90.10	1					13						
							2	0.9	21.0			15						
							4					9						
										MEDIUM brown SILTY LOAM with TILL		15						
						87.60	3	0.5	14.0			17						
							8					15						
										VERY STIFF brown SILTY CLAY with TILL		13						
						85.10	3					15						
							5	2.5	14.0			17						
							8					17						
										VERY STIFF brown SILTY CLAY with TILL								
						82.60	4					13						
							7	2.5	13.0			15						
							12					17						
										VERY STIFF brown SILTY CLAY with TILL								
						80.10	6					13						
							9	3.1	13.0			13						
							13					12						
										VERY STIFF brown SILTY CLAY with TILL								
						77.60	4					16						
							7	2.4	12.0			19						
							10					19						
										VERY STIFF brown SILTY CLAY with TILL								
							6											

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
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BBS, from 137 (Rev. 8-99)

PLOT DATE = Tue Feb 28 16:01:25 2006  
 FILE NAME = C:\Users\pdrzon\Documents\BBS\BBS107106.dgn  
 PLOT SCALE = 50.0000 / IN.  
 USER NAME = eummanby

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