


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

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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. Drexler


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.	BORING NO.	Station	Offset	Ground Surface Elev. ft	D (ft)	B (/6")	U (tsf)	M (%)	Soil Description				
									Surface Water Elev. ft	Stream Bed Elev. ft	Groundwater Elev. ft	First Encounter	
052-1065	B-1a	+16 N	14.00ft E CL	99.50					VERY STIFF brown SILTY CLAY with TILL (continued)	6	2.7	13.0	
										9	B		
					97.50				SOFT brown SILTY LOAM with ORGANICS and SAND lenses				
										3			
					96.00					4			
									SOFT black SILTY CLAY				
										2	0.4	33.0	
					93.50					3	B		
									SOFT black SILTY CLAY with TILL				
										1			
					91.00					3	0.3	31.0	
									MEDIUM brown SILTY CLAY with TILL				
										2			
					88.50					3	0.7	14.0	
									Wash DENSE brown coarse SAND with GRAVEL				
										4	B		
									MEDIUM brown SILTY CLAY with TILL				
										4			
					86.00					6	0.5	17.0	
									Wash DENSE gray coarse SAND				
										8	P		
									VERY STIFF brown SILTY CLAY with TILL				
										3			
					83.50					4	2.3	12.0	
									Wash MEDIUM gray coarse SAND with GRAVEL				
										7	B		
									VERY STIFF brown SILTY CLAY with TILL				
										3			
					81.00					6	2.3	12.0	
									Wash DENSE gray coarse SAND				
										9	P		
									End of Boring				
										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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STRUCT. NO.	BORING NO.	Station	Offset	Ground Surface Elev. ft	D (ft)	B (/6")	U (tsf)	M (%)	Soil Description				
									Surface Water Elev. ft	Stream Bed Elev. ft	Groundwater Elev. ft	First Encounter	
052-1065	B-2a	+14 S	31.00ft W CL	96.10					VERY STIFF brown SILTY CLAY with TILL (continued)	8	3.1	12.0	
										9	B		
									VERY STIFF black LOAM				
										3			
					94.10					3.0	23.0		
									VERY STIFF brown LOAM with ORGANICS				
										3			
					92.60					3	2.5	27.0	
									MEDIUM brown coarse SAND				
										4	P		
									MEDIUM gray SILTY CLAY with ORGANICS				
										1			
					90.10					2	0.9	21.0	
									MEDIUM brown coarse SAND				
										4	B		
									MEDIUM brown SILTY LOAM with TILL				
										2			
					87.60					3	0.5	14.0	
									Wash DENSE brown fine SAND				
										8	P		
									VERY STIFF brown SILTY CLAY with TILL				
										3			
					85.10					5	2.5	14.0	
									Wash DENSE gray coarse SAND				
										8	B		
									VERY STIFF brown SILTY CLAY with TILL				
										4			
					82.60					7	2.5	13.0	
									End of Boring				
										12	P		
									VERY STIFF brown SILTY CLAY with TILL				
										6			
					80.10					9	3.1	13.0	
										13	B		
									VERY STIFF brown SILTY CLAY with TILL				
										4			
					77.60					7	2.4	12.0	
										10	B		
									End of Boring				
										6			

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 10:01:25 2006
 FILE NAME = C:\Users\pdr\Documents\BBS\1177\1177log.dgn
 PLOT SCALE = 80.0000 / IN.
 USER NAME = outmanbsh

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