

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 309	16R-2	WHITESIDE	647	116
FED. ROAD DIST. NO. 4		ILLINOIS	FED. AID PROJECT	

Contract No. 64969



Illinois Department of Transportation  
Division of Highways  
IDOT

SOIL BORING LOG

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Date 3/5/03

ROUTE FA 309 DESCRIPTION Retaining wall, US 30 in Morrison LOGGED BY W. Garza  
SECTION 16RS LOCATION Mt. Pleasant Twp. - NW 18, SEC., TWP. 21N, RNG. 4E  
COUNTY Whiteside DRILLING METHOD Auger Boring HAMMER TYPE Minuteman Auger

STRUCT. NO.	DEPTH	B	U	M	Surface Water Elev.
STATION	TH	L	C	O	Stream Bed Elev.
BORING NO.	W	S	Q	T	Groundwater Elev.:
STATION	S	Qu	T		First Encounter
Offset					Upon Completion
Ground Surface Elev.	(ft)	(/6")	(tsf)	(%)	After Hrs.
1130+00					
B-16a					
1130+00					
31.00 ft of Cl					
668.0					
12" Frost					
VERY SOFT brown SILTY CLAY LOAM		0.2	15		
		P			
665.00					
VERY SOFT dry tan SILTY LOAM		0.2	20		
		P			
659.00					
VERY SOFT tan SILTY LOAM		0.1	23		
		P			
656.00					
Same as above		0.1	21		
		P			
654.00					
LOOSE tan SAND with some GRAVEL					
650.00					
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)



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Date 10/27/04

ROUTE FA 309 DESCRIPTION Retaining Wall, US 30 east edge of Morrison LOGGED BY J. Strating  
SECTION 16RS LOCATION Mt. Pleasant Twp. - SW 17, SEC., TWP. 21N, RNG. 6E  
COUNTY Whiteside DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.	DEPTH	B	U	M	Surface Water Elev.
STATION	TH	L	C	O	Stream Bed Elev.
BORING NO.	W	S	Q	T	Groundwater Elev.:
STATION	S	Qu	T		First Encounter
Offset					Upon Completion
Ground Surface Elev.	(ft)	(/6")	(tsf)	(%)	After Hrs.
1130+05					
B-12b					
1130+05					
20.00 ft Cl					
665.0					
MEDIUM dark brown LOAM		0.5	18		
		P			
663.00					
STIFF dark brown SILTY CLAY		3	24		
		2			
661.50		4	P		
STIFF brown SILTY CLAY		3	24		
		4			
659.00		6	S		
MEDIUM brown SILTY CLAY		1	29		
		2			
656.00		6	B		
LOOSE brown fine SAND		3			
		5			
653.50		4			
VERY SOFT brown SILT		1	28		
		1			
651.50		1	P		
SOFT brown SILT with SAND lenses		1	19		
		1			
649.00		4	P		
SOFT tan/brown SILT		1	20		
		3			
646.00		3	P		
MEDIUM tan fine SAND					

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)

DESIGNED	LLV
CHECKED	PJL
DRAWN	MGM
CHECKED	LLV

BORING LOGS  
RETAINING WALL NO. 1  
U.S. RTE. 30 (LINCOLN HIGHWAY)  
BETWEEN SCENIC ST. & SYCAMORE ST.  
F.A.P. ROUTE 309 SECTION 16 R-2  
WHITESIDE COUNTY  
STA. 1127+90.75 TO  
STA. 1130+75.26 (LT.)  
STRUCTURE NO. 098-7001

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