STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 309	16R-2	WHITESIDE	547	167
FED. ROAD DIST. NO. 4		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 9
13 SHEETS

Contract No. 64969

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 1

Date 11/22/04

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. 5E

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

STRUCT. NO.
Station

BORING NO. B-7b
Station 1128+45
Offset 60.00ft Lt CL
Ground Surface Elev. 674.6 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 645.1 ft
Upon Completion 640.6 ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM brown SANDY LOAM	672.60		3 4 4	0.5 P	17
STIFF tan SILT	671.10	-5	4 4 4	1.25 P	7
STIFF tan SILT	668.60		3 4 5	1.5 P	6
STIFF tan SILT	666.10	-10	3 3 4	1.0 P	8
STIFF tan SILT	663.60		3 3 4	1.0 P	13
STIFF tan SILT	661.10	-15	4 4 5	1.0 P	11
MEDIUM tan SILT	658.60		4 5 7	0.75 P	10
MEDIUM tan SILT	656.10	-20	3 4 5	0.75 P	22
STIFF tan SILTY CLAY LOAM (continued)	653.10	-25	2 5 8	1.8 B	14
MEDIUM tan fine SAND	650.60		7 9 12		
SOFT tan SILT	648.60	-30	2 3 4	0.25 P	28
MEDIUM tan SILT with SAND lenses	645.60		4 4 7	0.6 B	23
MEDIUM tan medium SAND	643.60	-35	7 15 23		
Wash DENSE tan medium SAND	641.10		7 13 24		
MEDIUM tan medium SAND	638.60	-40	7 13 17		
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)

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 1

Date 3/4/03

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.
Station 1128+50

BORING NO. B-9a
Station 1128+46
Offset 25.00ft Lt of CL
Ground Surface Elev. 668.5 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 652.5 ft
Upon Completion 648.5 ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
12" Frost SOFT brown SILTY LOAM	665.50				15
SOFT tanish brown SANDY LOAM	664.50				
LOOSE moist tan SAND	659.50	-5			
VERY SOFT tan SILTY LOAM	656.50	-10		0.1 P	15
SOFT Same as above	653.50	-15		0.3 P	20
VERY SOFT tan SILTY LOAM	650.50			0.1 P	21
MEDIUM tanish gray SILTY LOAM	647.50	-20		0.7 P	21
MEDIUM tanish gray SILTY LOAM (continued)	644.00				
VERY SOFT Same as above with SAND lens		-25		0.2 P	19
End of Boring		-30			
		-35			
		-40			

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)

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

DESIGNED	LLV
CHECKED	PJL
DRAWN	MGM
CHECKED	LLV

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