

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Illinois Department of Transportation
Division of Highways
DOT

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 1932+25

BORING NO. B-12a
Station 1132+25
Offset 28.00ft Lt of CL
Ground Surface Elev. 670.4 ft

Description	Depth (ft)	Bulge (in)	Shear (tsf)	Penetrometer (%)	M.O.S.T.	Surface Water Elev.		Stream Bed Elev.		Groundwater Elev.:	
						ft	ft	ft	ft	ft	ft
18" Frost											
SOFT brown dry SILTY LOAM											
VERY SOFT dry tanish brown SILTY LOAM	667.40			0.0	9						
Same as above, tan, dry	664.40				11						
Same as above	661.40			0.2	12						
SOFT Same as above, dry	658.40			0.3	22						
fine SAND lens tan	654.40										
VERY SOFT tan SILTY LOAM	653.40										
End of Boring	652.40			0.2	21						

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
DOT

SOIL BORING LOG

Page 1 of 1
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. 5E

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

STRUCT. NO. _____
Station _____

BORING NO. B-18b
Station 1132+30
Offset 15.00ft Rt CL
Ground Surface Elev. 668.0 ft

Description	Depth (ft)	Bulge (in)	Shear (tsf)	Penetrometer (%)	M.O.S.T.	Surface Water Elev.		Stream Bed Elev.		Groundwater Elev.:	
						ft	ft	ft	ft	ft	ft
STIFF brown CLAY LOAM				1.0	12						
STIFF brown SILTY LOAM	666.00	8		1.5	20						
STIFF brown SILTY CLAY	664.50	8		1.5	20						
STIFF tan/brown SANDY LOAM	661.50	4		1.5	20						
MEDIUM tan/brown SILT	658.00	3		0.75	18						
Same as above	654.50	2		0.5	18						
SOFT tan/brown SILT	652.00	2		0.25	25						
Same as above	649.50	1		0.25	24						

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	P.JL
DRAWN	MGM
CHECKED	LLV

BORING LOGS
RETAINING WALL NO. 2
U.S. RTE. 30 (LINCOLN HIGHWAY)
EAST OF SYCAMORE ST.
F.A.P. ROUTE 309 SECTION 16 R-2
WHITESIDE COUNTY
STA. 1131+71.68 TO
STA. 1133+44.95 (LT.)
STRUCTURE NO. 098-7002

STS CONSULTANTS
111 NE Jefferson Ave.
Peoria, Illinois 61602
Ph(309)676-8464
FAX(309)676-5445
IL Design Firm Reg. No. 184-001518