

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 309	16R-2	WHITESIDE	547	186
FED. ROAD DIST. NO. 4	SL. DINGS	FED. AID PROJECT		

Contract No. 64969

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Date 10/27/04

Illinois Department of Transportation
Division of Highways
DOT

SOIL BORING LOG

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-14b
Station 1131+50
Offset 15.00R RL CL
Ground Surface Elev. 667.0 ft

SOIL DESCRIPTION	DEPTH (ft)	BLOW COUNT (6")	UNCONSOLIDATED QUANTITY (tsf)	MOISTURE (%)	Surface Water Elev.		Stream Bed Elev.		Groundwater Elev.:	
					ft	ft	ft	ft	ft	ft
MEDIUM dark brown SILTY CLAY LOAM			0.75 P	15					1	0.0 P
	665.00								1	P
STIFF dark brown LOAM		3		14						
	663.50	6	2.0 P							
MEDIUM brown SILTY LOAM		1		19						
	661.00	4	1.0 S							
MEDIUM brown SILTY CLAY		1		26						
	659.50	2	0.8 B							
STIFF brown SILTY CLAY		1		24						
	656.00	4	1.8 S							
Same as above		2		30						
	653.50	4	1.0 B							
MEDIUM red/brown SILT with SAND lenses		1		26						
	650.50	5	0.6 B							
LOOSE brown dirty fine SAND with SILT lens		3								
	648.00	6								
VERY SOFT tan/brown SILT										

VERY SOFT tan/brown SILT (continued) 646.00
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)
BBS, from 137 (Rev. 8-99)

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Date 10/25/04

Illinois Department of Transportation
Division of Highways
DOT

SOIL BORING LOG

ROUTE FA 309 DESCRIPTION Retaining Wall, US 30 east edge of Morrison LOGGED BY W. Garza
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-17b
Station 1132+25
Offset 64.00R Lt CL
Ground Surface Elev. 675.9 ft

SOIL DESCRIPTION	DEPTH (ft)	BLOW COUNT (6")	UNCONSOLIDATED QUANTITY (tsf)	MOISTURE (%)	Surface Water Elev.		Stream Bed Elev.		Groundwater Elev.:	
					ft	ft	ft	ft	ft	ft
STIFF light brown SILTY LOAM			1.8 P	18					2	0.5 S
	673.90								3	5
STIFF tan SILTY LOAM		4		8					1	
	672.40	5	2.0 P						3	0.4 B
STIFF tan SILT, very dry		3		6					3	0.8 S
	669.90	5	1.1 P						4	5
STIFF/MEDIUM tan SILT, dry		3		12					2	
	667.40	4	1.0 P						4	1.5 B
MEDIUM tan SILT, dry		3		11					1	
	664.90	4	0.8 P						2	
STIFF/MEDIUM tan SILT, dry		3		10					3	
	662.40	4	1.0 P							
MEDIUM tan SILT, dry		2		12						
	659.90	5	0.5 P							
MEDIUM tan SILT, dry		3		17						
	657.40	5	0.9 P							
MEDIUM tan SILT										

MEDIUM tan SILT (continued) 654.90
SOFT tan SILT with SAND lens, very moist 652.40
MEDIUM tan SILT with SAND lens 649.40
STIFF tan SILTY CLAY TILL 646.90
LOOSE tan fine SAND with SILT lens 644.90
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)

DESIGNED	LLV
CHECKED	PJL
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

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