

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 309	7HBR-1	WHITESIDE	146	58
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 21  
23 SHEETS

Contract #84883

**Illinois Department of Transportation SOIL BORING LOG** Page 1 of 2  
Date 2/9/83

ROUTE FA 309 DESCRIPTION Bridge over Dakin Road on US 30 LOGGED BY C. Jenkins

SECTION 7BR-1 LOCATION Garden Plain Twp. NW 14, SEC. 4, TWP. 4-T21N, RNG. 3E, PM

COUNTY Whiteside DRILLING METHOD HAMMER TYPE

STRUCT. NO. 098-6000 Station 70+79

BORING NO. B-3 Station 70+83 Offset 21.00ft RL Ground Surface Elev. 587.0 ft

SOIL DESCRIPTION	DEPTH (ft)	BLOWS (6")	TSF (%)	PERCENT SAND (%)	PERCENT SILT (%)	PERCENT CLAY (%)	PERCENT GRAVEL (%)
Medium, graybrown fine Sand	0-4						
Medium tan/gray Silty Clay	4-6	0.7	25				
Medium, tan/gray Silty Loam w/Sand lenses	6-5	0.6	30				
Loose, tan/gray fine Sand w/ Silty Loam lenses	5-4						
Medium, tan fine Sand	4-3						
First Encounter Medium, tan fine to coarse Sand	3-2						
Same as above	2-1						
Same as above	1-0						

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 T208)  
BBS, from 137 (Rev. 8-89)

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SOIL DESCRIPTION	DEPTH (ft)	BLOWS (6")	TSF (%)	PERCENT SAND (%)	PERCENT SILT (%)	PERCENT CLAY (%)	PERCENT GRAVEL (%)
Dense, tan Sand with some Gravel	11-13						
Dense, tan fine Sand	13-15						
Very Dense, tan fine Sand	15-16						
End of Boring	16-20						

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COUNTY Whiteside DRILLING METHOD HAMMER TYPE

STRUCT. NO. 098-6000 Station 70+79

BORING NO. B-4 Station 71+88 Offset 7.00ft RL Ground Surface Elev. 612.1 ft

SOIL DESCRIPTION	DEPTH (ft)	BLOWS (6")	TSF (%)	PERCENT SAND (%)	PERCENT SILT (%)	PERCENT CLAY (%)	PERCENT GRAVEL (%)
Medium, red fine Sand	0-13						
Medium, tan fine Sand	13-14						
Same as above	14-16						
Very Stiff, brown Sandy Loam w/Sand lenses	16-11	3.1	12				
Medium, tan fine Sand w/ Sandy Loam lenses	11-10						
Same as above	10-12						
Dense, tan fine dirty Sand w/ Sandy Loam lenses	12-13						
Medium tan fine Sand w/Sandy Loam lenses	13-9						

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
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ROUTE FA 309 DESCRIPTION Bridge over Dakin Road on US 30 LOGGED BY C. Jenkins

SECTION 7BR-1 LOCATION Garden Plain Twp. NW 14, SEC. 4, TWP. 4-T21N, RNG. 3E, PM

COUNTY Whiteside DRILLING METHOD HAMMER TYPE

STRUCT. NO. 098-6000 Station 70+79

BORING NO. B-4 Station 71+88 Offset 7.00ft RL Ground Surface Elev. 612.1 ft

SOIL DESCRIPTION	DEPTH (ft)	BLOWS (6")	TSF (%)	PERCENT SAND (%)	PERCENT SILT (%)	PERCENT CLAY (%)	PERCENT GRAVEL (%)
Loose, tan fine to medium Sand	1-2						
Begin Wash Medium, tan fine Sand	2-8						
Medium, tan Sand & Gravel	8-10						
Dense, tan fine to medium Sand	10-12						
End of Boring	12-13						

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 T208)  
BBS, from 137 (Rev. 8-89)

BORING LOGS  
F.A.P. RTE. 309 - SEC. 7HBR-1  
WHITESIDE COUNTY  
STATION 51+17.83  
STRUCTURE NO. 098-6000