

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 309	7VBR	WHITESIDE	146	81
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 21
22 SHEETS

Contract #84883

Illinois Department of Transportation
Division of Highways
District 2 Materials

SOIL BORING LOG Page 1 of 3
Date 5/19/93

ROUTE FA 309 DESCRIPTION Bridge on US 30 over C.N.R.R. by Fulton LOGGED BY C. Jenkins
SECTION 7BR-1 & 7VBR LOCATION Garden Plain Twp. - N.W. 14, SEC. 4, TWP. 21N, RNG. 3E, PM
COUNTY Whiteside DRILLING METHOD HAMMER TYPE

STRUCT. NO. 098-6001
Station 66+55.7
BORING NO. B-3
Station 45+93
Offset 9.00R Rt.
Ground Surface Elev. 617.9 ft

Description	D	B	U	M	Surface Water Elev. None ft	D	B	U	M	Stream Bed Elev. ft	D	B	U	M	Groundwater Elev.:		
															(ft)	(ft)	(ft)
Asphalt, Concrete																	
Medium, brown Sandy Loam			0.7	15													
Same as above			4														
			5	0.7	15												
			9	S													
Medium, brown Sandy Loam w/Sand lenses			7														
			8	0.8	25												
			9	S													
Stiff, brown Sandy Loam w/Sand lenses			7														
			10	1.4	16												
			15	S													
Medium, tan/red Sand w/Sand Loam lens			5														
			10														
			18														
Dense, tan/red fine to medium Sand w/Sand Loam lens			12														
			16														
			21														
Medium, brown sandy Loam w/Sand lens			2														
			3	0.7	17												
			9	S													
Medium, gray fine Sand w/Silty Loam lens			2														
			10														
			12														
			20														

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. 8-98)

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Ground Surface Elev. 617.9 ft

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															(ft)	(ft)	(ft)
First Encounter																	
Medium, tan fine Sand			2														
			5														
			7														
			46														
First Wash																	
Medium, tan fine Sand			6														
			6														
			10														
			56														
Medium, tan/brown fine to medium Sand			4														
			5														
			8														
			55														
Same as above			5														
			5														
			8														
			60														

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															(ft)	(ft)	(ft)
Same as above			15														
			23														
			22														
			85														
Same as above			15														
			21														
			25														
End of Boring			528.00														
			90														
			100														

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BBS, from 137 (Rev. 8-98)

BORING DETAILS
F.A.P. RT. 309 SEC. 7VBR
WHITESIDE COUNTY
STATION 47+18.53
STRUCTURE No. 098-6001