STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 309	7HBR-1	WHITESIDE	146	59
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 22
23 SHEETS

Contract #84883

Illinois Department of Transportation — SOIL BORING LOG

Division of Highways
District 2 Materials

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Date 3/193

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-5
Station 69+22
Offset 8.50ft Rt.
Ground Surface Elev. 614.8 ft

Surface Water Elev. 0 ft
Stream Bed Elev. _____ ft

Groundwater Elev.:
First Encounter _____ ft
Upon Completion Wash ft
After ___ Hrs. _____ ft

Description	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Asphalt & Concrete				
Medium, brown fine to coarse Sand				
Dense, tan fine to medium Sand		19		
		18		
		16		
Medium, tan fine to medium Sand w/a Sandy Clay lense	-5	16		
		12		
		10		
Same as above		7		
		7		
		11		
Same as above	-10	9		
		12		
		13		
Medium, tanred fine to medium grained Sand		8		
		12		
		18		
Dense, tanred Sand w/a Sandy Clay lense	-15	11		
		16		
		18		
Same as above		10		
		14		
		16		
595.30	-20			

Description	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Very Stiff, brownntan Silty Loam wSand lenses		11		
		9	2.8	21
		17	S	
Medium, tanred Sand w/a Clay lense		8		
		12		
		14		
590.80				
Very Stiff, gray Silty Loam wSand lenses	-25	9		
		11	3.1	15
		17	S	
Very Stiff, gray Sandy Loam wSand lenses		7		
		9	2.1	15
		15	S	
585.80				
Medium, tan fine Sand	-30	7		
		7		
		8		
583.30				
Very Stiff, tanfgray Silty Loam wSand lenses		7		
		7	2.1	28
		9	S	
580.80				
Medium, tan fine Sand	-35	4		
		5		
		6		
Same as above		5		
		4		
		7		
	-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)
BBS, from 137 (Rev. 8-99)

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Station 70+79

BORING NO. B-5
Station 69+22
Offset 8.50ft Rt.
Ground Surface Elev. 614.8 ft

Surface Water Elev. 0 ft
Stream Bed Elev. _____ ft

Groundwater Elev.:
First Encounter _____ ft
Upon Completion Wash ft
After ___ Hrs. _____ ft

Description	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
First Encounter Loose, tan fine to medium Sand		2		
		2		
		2		
	-45			
Begin Wash Medium, tan fine Sand		7		
		9		
		10		
	-50			
Medium, tan fine to coarse Sand		7		
		12		
		16		
	-55			
Medium, tan fine to coarse grained Sand		12		
		12		
		18		
	-60			

Description	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Same as above		9		
		13		
		17		
	-65			
Same as above		6		
		8		
		12		
	-70			
Dense, tan fine to coarse grained Sand		10		
		15		
		21		
	-75			
Medium, tan fine to coarse grained Sand		9		
		10		
		17		
	-80			

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STRUCT. NO. 098-6000
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BORING NO. B-5
Station 69+22
Offset 8.50ft Rt.
Ground Surface Elev. 614.8 ft

Surface Water Elev. 0 ft
Stream Bed Elev. _____ ft

Groundwater Elev.:
First Encounter _____ ft
Upon Completion Wash ft
After ___ Hrs. _____ ft

Description	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Medium, tan Sand & Gravel		8		
		8		
		18		
	-85			
Same as above		4		
		7		
		14		
525.80				
End of Boring	-90			
	-95			
	-100			

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)

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

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