

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	STA.	SHEET NO.
F.A.P. 309	7HBR-1	WHITESIDE	146	60
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

SHEET NO. 23
23 SHEETS

Contract #84883

Illinois Department of Transportation SOIL BORING LOG Page 1 of 2
Date 2/293

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-1 Station 70+26 Offset 25.00ft Rt. Ground Surface Elev. 587 ft

DEPTH (ft)	SOIL DESCRIPTION	WATER ELEV. (ft)	TESTS	REMARKS
0	Surface Water Elev. 0 ft			
0	Stream Bed Elev. 0 ft			
0	Groundwater Elev. Upon Completion			
0	First Encounter			
0	Wash			
0	After Hrs.			
1	Medium, brown dirty, fine to medium grained Sand			
3	Soft, brown Sandy Loam			
3	0.4 S			
4	4			
4	Medium, graybrown Silty Clay w/Sand lenses			
2	0.7 B			
3	33			
4	4			
3	Medium, graytan Silty Loam w/Sand lenses			
3	0.6 B			
3	33			
4	4			
578.00				
10	Medium, tan fine to medium Sand			
2	5			
5	7			
7				
4	First Encounter Medium, tan fine to coarse Sand			
5	12			
6	13			
6	13			
15	2			
4	7			
7				
5	Begin Wash Medium, tan fine to coarse Sand			
5	11			
5	16			
9	24			
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 T206)
BBS, from 137 (Rev. 8-99)

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BORING NO. B-1 Station 70+26 Offset 25.00ft Rt. Ground Surface Elev. 587 ft

DEPTH (ft)	SOIL DESCRIPTION	WATER ELEV. (ft)	TESTS	REMARKS
11	Same as above			
16				
21				
14	Dense, tan Sand & Gravel			
19				
29				
5	Medium, tan Sand and Gravel			
10				
15				
532.50				
55	End of Boring			

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COUNTY Whiteside DRILLING METHOD HAMMER TYPE

STRUCT. NO. 098-6000 Station 70+79
BORING NO. B-2 Station 70+26 Offset 24.00ft Lt. Ground Surface Elev. 587.3 ft

DEPTH (ft)	SOIL DESCRIPTION	WATER ELEV. (ft)	TESTS	REMARKS
1.1	Soft, tanbrown Silty Clay			
22				
5	Same as above			
7	1.1 B			
8	24			
4	Medium, tanbrown Silty Loam with Sand lenses			
7	0.6 B			
8	32			
580.80				
4	Medium, tan, fine to medium Sand			
5	6			
6	12			
5	First Encounter Same as above			
10	5			
5	30			
8				
575.80				
3	Medium tan, fine to coarse Sand			
5	6			
5	9			
10	11			
15				
5	Begin Wash Medium tan, fine to medium Sand			
5	6			
8	10			
8	14			
20				

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COUNTY Whiteside DRILLING METHOD HAMMER TYPE

STRUCT. NO. 098-6000 Station 70+79
BORING NO. B-2 Station 70+26 Offset 24.00ft Lt. Ground Surface Elev. 587.3 ft

DEPTH (ft)	SOIL DESCRIPTION	WATER ELEV. (ft)	TESTS	REMARKS
8	Same as above			
10				
13				
12	Dense tan, fine to coarse Sand			
17				
20				
10	Medium tan, fine to coarse Sand w/Some Gravel			
16				
12				
513.80				
11	End of Boring			
3	Medium tan, fine to medium Sand			
5				
8				
20				

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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