STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 309	16R-2	WHITESIDE	547	193
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 6
7 SHEETS

Contract # 64969

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 2

Date 4/29/02

ROUTE FA 309 DESCRIPTION P02-140-00 Culvert on US 30, 150' E. of Bishop Road LOGGED BY C. Jenkins

SECTION 16RS LOCATION Mt. Pleasant Twp. - SW, SEC. 16, TWP. 21N, RNG. 5E

COUNTY Whiteside DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO.
Station 1158+15

BORING NO. B-1c
Station 1158+27
Offset 15.00ft Rt CL
Ground Surface Elev. 641.5 ft

Surface Water Elev 633.4 ft
Stream Bed Elev. 633.1 ft

Groundwater Elev.:
First Encounter 621.0 ft ▼
Upon Completion Wash ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
SAND & GRAVEL					
MEDIUM black SILTY CLAY	638.50			0.7 P	20
STIFF tan/brown SILTY CLAY	636.50	-4	4 6 8	1.8 B	24
VERY LOOSE tan SAND & GRAVEL	634.50		1 1 2		
VERY DENSE concrete (probably old concrete roadway)	631.50	-10	100/11 PEN		
MEDIUM gray SILT	629.50		3 3 4	0.6 B	29
MEDIUM brown SILT w/12% ORGANICS	627.00	-16	0 1 2	0.5 B	40
MEDIUM brown SILT with 14% ORGANICS	624.50		1 2 2	0.7 S	50
MEDIUM gray SANDY LOAM		-30	1 1 3	0.5 P	29
MEDIUM gray SANDY LOAM (continued)	621.00 ▼				
MEDIUM tan SAND & GRAVEL	619.50		3 8 10		
Begin Wash DENSE tan SANDY GRAVEL	617.00	-42	13 16 14		
Wash Same as above	614.50		10 16 18		
Wash MEDIUM tan SANDY GRAVEL	612.00	-50	10 13 16		
Wash MEDIUM tan medium grained SAND	609.50		5 6 5		
Wash Same as above	607.00	-66	4 7 8		
Wash Same as above	604.50		5 8 8		
Wash LOOSE tan SAND & pea size GRAVEL	602.00	-80	2 2 5		

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)

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 2 of 2

Date 4/29/02

ROUTE FA 309 DESCRIPTION P02-140-00 Culvert on US 30, 150' E. of Bishop Road LOGGED BY C. Jenkins

SECTION 16RS LOCATION Mt. Pleasant Twp. - SW, SEC. 16, TWP. 21N, RNG. 5E

COUNTY Whiteside DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO.
Station 1158+15

BORING NO. B-1c
Station 1158+27
Offset 15.00ft Rt CL
Ground Surface Elev. 641.5 ft

Surface Water Elev. 633.4 ft
Stream Bed Elev. 633.1 ft

Groundwater Elev.:
First Encounter 621.0 ft ▼
Upon Completion Wash ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM brown SILT	599.00		2 3 4	0.6 P	29
VERY DENSE tan/gray weathered LIMESTONE	597.00	-44	18 28 26		
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	L.L.V
CHECKED	BL
DRAWN	MGM
CHECKED	L.L.V

BORING LOGS
US RTE. 30 OVER UNNAMED CREEK
F.A.P. ROUTE 309 SECT. 16R-2
WHITESIDE COUNTY
STATION 1158+14.82
STRUCTURE NO. 098-2025

STS CONSULTANTS
111 NE Jefferson Ave.
Peoria, Illinois 61602
Ph(309)676-8464
FAX(309)676-5445
IL Design Firm Reg. No. 64-00156

098-0002-2026.dgn 12/5/2006 9:12:01 PM