STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 309	16R-2	WHITESIDE	547	194
FED. ROAD DIST. NO. 4		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 7
7 SHEETS

Contract # 64969

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 2

Date 4/30/02

ROUTE FA 309 DESCRIPTION P92-140-00 Culvert on US 30, 150' E. of Bishop Road in Morrison 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-2c
Station 1158+00
Offset 13.00ft Lt CL
Ground Surface Elev. 641.7 ft

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

Groundwater Elev.:
First Encounter 626.7 ft ▼
Upon Completion Wash ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Road Rock MEDIUM brown SILTY LOAM	639.20			0.5 P	20
MEDIUM brown SILTY LOAM	637.70		2 3 2	0.7 P	31
MEDIUM black SILTY LOAM	635.20	-5	1 2 3	0.8 P	33
MEDIUM blue/gray SILTY LOAM	632.70		1 1 3	0.7 P	33
SOFT gray/green SILT	630.20	-10	2 2 3	0.3 B	29
MEDIUM gray/brown SILT with 13% ORGANICS	627.70		2 2 3	0.7 B	43
MEDIUM gray/brown SILT	625.20	▼-15	0 2 4	0.9 B	32
STIFF gray SANDY SILT with ORGANICS	622.70		1 3 5	1.1 B	30
		-20			

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
LOOSE gray coarse SAND	621.20		1 2 6		
MEDIUM gray SAND & GRAVEL	617.70		5 10 7		
Begin Wash MEDIUM gray SAND & GRAVEL	615.20	-25	5 7 11		
Wash MEDIUM tan SAND with some GRAVEL	612.70		5 8 9		
Wash MEDIUM tan fine grained SAND	610.20	-30	8 8 20		
Wash MEDIUM tan fine grained SAND	607.70		5 11 12		
Wash Same as above	605.20	-35	2 5 7		
Wash VERY SOFT gray/tan SANDY SILT	602.20		1 1 1	0.1 P	26
		-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)

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 2 of 2

Date 4/30/02

ROUTE FA 309 DESCRIPTION P92-140-00 Culvert on US 30, 150' E. of Bishop Road in Morrison 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-2c
Station 1158+00
Offset 13.00ft Lt CL
Ground Surface Elev. 641.7 ft

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

Groundwater Elev.:
First Encounter 626.7 ft ▼
Upon Completion Wash ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Wash MEDIUM tan/yellow weathered LIMESTONE	600.20		10 7 6		
Wash Same as above	597.70		5 9 11		
End of Boring		-45			
		-50			
		-55			
		-60			

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

DESIGNED	LLV
CHECKED	BL
DRAWN	MGM
CHECKED	LLV

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

S107-098-2025.dgn 1/10/2006 2:10:08 PM