STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P.309	16R-2	WHITESIDE	547	200
FED. ROAD DIST. NO. 2		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 6 OF 6 SHEETS

Contract No. 64969

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 2

Date 8/27/91

ROUTE FA 309 DESCRIPTION P92-218-90 US 30 over French Creek LOGGED BY C. Jenkins

SECTION 16 BR-1 LOCATION Mt. Pleasant Twp. - SW 1/4, SEC. 16, TWP. 21N, RNG. 5E

COUNTY Whiteside DRILLING METHOD _____ HAMMER TYPE _____

STRUCT. NO. _____
Station 1169+98

BORING NO. B-2
Station 1170+26
Offset 25.50ft Lt CL
Ground Surface Elev. 641.0 ft

Surface Water Elev. 635.0 ft
Stream Bed Elev. _____ ft

Groundwater Elev.:
First Encounter 629.5 ft ▼
Upon Completion Wash ft
After ___ Hrs. _____ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
STIFF brown SILTY LOAM				1.6 P	22
	639.00				
STIFF brown/black SILTY LOAM			6 6 6	1.5 B	14
	637.50				
MEDIUM black SILT		-5	2 2 2	0.5 B	36
	635.00				
VERY SOFT black SILT			1 1 1	0.2 B	40
	632.50				
Same as above		-10	1 2 2	0.2 B	36
	629.50 ▼				
VERY LOOSE tan fine SAND			1 1 2		
	627.50				
MEDIUM tan fine SAND		-15	6 8 8		
	625.00				
MEDIUM tan SAND & GRAVEL			6 16 12		
	622.50				
Same as above		-20			
Same as above *(continued)*			8 12 17		
	619.50				
VERY STIFF gray SANDY LOAM TILL			16 30 42	2.5 S	10
	617.50				
Same as above		-25	12 28 40	3.5 S	9
	615.00				
HARD gray SANDY CLAY TILL			23 30 55	4.4 S	9
	612.50				
Same as above		-30	20 31 49	4.6 S	8
	610.00				
Same as above			25 35 49	5.8 S	11
	607.50				
Same as above		-35	35 100/11" PEN	5.8 S	11
	605.00				
Same as above			20 30 33	6.1 S	10
	602.50				
Same as above		-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 8/27/91

ROUTE FA 309 DESCRIPTION P92-218-90 US 30 over French Creek LOGGED BY C. Jenkins

SECTION 16 BR-1 LOCATION Mt. Pleasant Twp. - SW 1/4, SEC. 16, TWP. 21N, RNG. 5E

COUNTY Whiteside DRILLING METHOD _____ HAMMER TYPE _____

STRUCT. NO. _____
Station 1169+98

BORING NO. B-2
Station 1170+26
Offset 25.50ft Lt CL
Ground Surface Elev. 641.0 ft

Surface Water Elev. 635.0 ft
Stream Bed Elev. _____ ft

Groundwater Elev.:
First Encounter 629.5 ft ▼
Upon Completion Wash ft
After ___ Hrs. _____ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Same as above *(continued)*			13 24 38	6.3 S	10
	600.00				
Same as above			12 35 48	5.8 S	10
	597.50				
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 DATA AND DETAILS
U.S. RTE. 30 OVER FRENCH CREEK
F.A.P. ROUTE 309 SECT. 16 R-2
WHITESIDE COUNTY
STATION 1169+99.31
STRUCTURE NUMBER 098-2021

DESIGNED	-	DJC
CHECKED	-	WDL
DRAWN	-	JSD
CHECKED	-	WDL

STS CONSULTANTS
111 W. Washington St., Suite 1750
Chicago, IL 60602
Ph.(312)628-3886
Fax(312)628-3892
IL Design Firm Registration
No. 184-001518