STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 607	129BR	KENDALL	61	30
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 15
16 SHEETS

Contract #66667

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

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Date 8/4/05

ROUTE US 52 DESCRIPTION _____ LOGGED BY LM-IDOT

SECTION 129BR LOCATION S 1/2, SEC. 14, TWP. 35N, RNG. 7E, 3rd PM

COUNTY Kendall DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 047-0016
Station 108+19

BORING NO. 3
Station 107+91
Offset 14.50ft Lt
Ground Surface Elev. 598.17 ft

Surface Water Elev. 587.43 ft
Stream Bed Elev. _____ ft

Groundwater Elev.:
First Encounter _____ ft
Upon Completion 576.2 ft ▽
After ____ Hrs. _____ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Augered White Shoulder Stone & Brown Silty Clay Loam Fill	596.17				
Stiff Brown/Gray Silty Clay Loam/ Silty Clay Fill			1		
			2	2.0	18.8
			2	P	
		-5	2		
			1	1.8	23.0
			2	P	
			2		
			2	1.8	24.4
			2	P	
Stiff Blue/Gray Clay	588.67	-10	2		
			3	1.8	21.9
			2	P	
			2		
Stiff Brown Silt/Silty Clay	585.17		3	2.0	14.0
				P	25.0
Hard Gray Silty Clay Loam Till	584.17		5		
		-15	5		
			9	5.2	24.8
			10	S	
			4		
			7	4.0	11.9
			8	S	
Very Stiff Gray Silty Clay & Silt Pockets/Layers	579.67	-20	6		
Very Stiff Gray Silty Clay & Silt Pockets/Layers (continued)			17	3.3	16.9
			28	S	
		▽			
			5		
			8	2.0	19.3
			9	S	
		-25	5		
			16	2.0	18.0
			21	S	
Hard Gray Silty Clay/Silty Clay Loam w/Gravel to Cobble Size @ 27.5'	571.67		10		
			100/4"	4.0	13.6
				P	
Rock Obstruction resulted in High Blow count @ 27-28.5'					
		-30	9		
			11	>4.5	16.3
			14	P	
Hard Brown/Gray Clay w/Layers Silty Clay & Silt Pockets	566.67		12		
			14	6.8	14.8
			16	S	
		-35	14		
			16	4.7	19.4
			23		
Medium Fine Sand & Silt w/ Layers Sandy Loam	560.17	-40	8		

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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SOIL BORING LOG

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Date 8/4/05

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Stream Bed Elev. _____ ft

Groundwater Elev.:
First Encounter _____ ft
Upon Completion 576.2 ft ▽
After ____ Hrs. _____ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Medium Fine Sand & Silt w/ Layers Sandy Loam (continued)	557.17		19		18.8
			3		
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)

DESIGNED	S.D.S.
CHECKED	C.W.C.
DRAWN	D.L.H.
CHECKED	S.D.S./C.W.C.

WHKS & CO.
ENGINEERS PLANNERS LAND SURVEYORS
MASON CITY, IOWA DUBUQUE, IOWA AMES, IOWA
E. DUBUQUE, ILLINOIS SPRINGFIELD, ILLINOIS ROCHESTER, MINNESOTA

SOIL BORINGS
U.S. RTE. 52 OVER WEST AUX SABLE CREEK
F.A.P. 607 - SECTION 129BR
KENDALL COUNTY
STATION 108+07
STRUCTURE NO. 047-2019

Operator: $USER$
Date: 10/30/2007
Filename: $FILE$