STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 607	129BR	KENDALL	61	29
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 14
16 SHEETS

Contract #66667

Illinois Department of Transportation — SOIL BORING LOG

Division of Highways
Illinois Department of Transportation

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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. 2
Station 108+50
Offset 14.50ft Rt
Ground Surface Elev. 598.07 ft

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

Groundwater Elev.:
First Encounter _____ ft
Upon Completion 579.6 ft ▽
After ____ Hrs. _____ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Augered white shoulder stone & Brown Silty Clay Loam Fill	596.07				
Stiff Brown/Gray Silty Clay/Silty Clay Loam Fill			2		
			2	2.0	20.6
			2	P	
		-5	1		
			2	1.5	27.6
			2	P	
			2		
			1	1.3	26.7
			1	P	
Medium Gray Silty Clay Loam (Fill?)	589.07				
		-10	1		
			2	0.8	31.9
			1	P	
Very Stiff Brown Silty Clay Loam Till	586.07		woh		
			2	3.3	18.9
			6	S	
Hard Gray Silty Clay Till	584.07				
		-15	4		
			6	5.0	17.6
			8	S	
Very Stiff Gray Silty Clay w/Fine Pockets of Sitly & Clay	581.57				
			5		
			6	2.7	19.2
		▽	8	S	
	578.57				
		-20	5		
Hard Gray Silt/Silty Clay w/ Pockets of each w/layers Fine/Coarse Sand > 6" @ 25.5' (continued)			9	4.0	16.6
			17	P	
		-25	5		
			16	>4.5	18.1
			23	P	
			5		
			17	4.1	16.5
			23	S	
Hard Brown Clay w/layers Silty Clay	569.07				
		-30	6		
			10	5.8	19.9
			19	S	
Hard Brown/Gray Silty Clay w/ Layers/Pockets of Silt(somewhat Varved @ 35')	566.57				
			5		
			16	4.3	17.7
			18	S	
		-35	5		
			9	4.5	19.2
			10	P	
	559.07				
		-40	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)

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Date 8/4/05

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Stream Bed Elev. _____ ft

Groundwater Elev.:
First Encounter _____ ft
Upon Completion 579.6 ft ▽
After ____ Hrs. _____ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Very Dense Gray Fine Sand/Coarse Gravel, Cobble Size Potential (continued)	557.07		12		9.1
			100/3"		
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: $FILE$