Operator: $USER$

Date: 10/30/2007

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 607	129BR	KENDALL	61	31
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 16
16 SHEETS

Contract #66567

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 2

Date 8/3/05

ROUTE US Route 52 DESCRIPTION wooden bridge across ditch 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. 047-0046
Station 106+53

BORING NO. 1
Station 106+61
Offset 34.00ft Lt
Ground Surface Elev. 598.04 ft

Surface Water Elev. _____ ft
Stream Bed Elev. 587.61 ft

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

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Augered Dark Brown Silty Clay Fill			
596.04			
Stiff Dark Brown/Gray Silty Clay Fill	3		
	2		17.4
	3		
-5	3		
	2	2.0	21.1
	1	P	
	1		
588.04 -10	woh		30.7
Stiff Brown Loam/Clay Loam (Alluvial)			
	1	1.0	16.4
	2	P	
	2		
	7		15.0
	9		
584.04			
Hard Gray Silty Clay w/pockets & seams of Clay & Silt			
-15	5		
	9	4.7	16.0
	11	S	
581.64			
Very Stiff Gray Silty w/pockets/seams Clay & Silty Clay	7		
	14	2.0	18.6
	17	P	
-20	6		
Very Stiff Gray Silty w/pockets/seams Clay & Silty Clay (continued)			
576.54			
Very Stiff Gray Silty Clay w/ pockets & seams of Clay & Silt	6		
	10	3.1	15.9
	11	S	
574.04			
Hard Gray Silty Clay w/layers/pockets of Clay, Silt & Silty Clay Loam			
-25	12		
	12	4.0	16.1
	17	S	
	19		
	20	4.5	15.6
	22	P	
-30	9		
	12	>4.5	19.4
567.04	22	P	.
Hard Brown Clay w/pockets of Silty Clay			
	5		
	11	5.9	17.6
	16	S	
-35	5		
	12	5.6	17.5
	17	S	
	5		
	16	6.9	19.3
	20	S	
-40	4		

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

Page 2 of 2

Date 8/3/05

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STRUCT. NO. 047-0046
Station 106+53

BORING NO. 1
Station 106+61
Offset 34.00ft Lt
Ground Surface Elev. 598.04 ft

Surface Water Elev. _____ ft
Stream Bed Elev. 587.61 ft

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

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Hard Brown Clay w/pockets of Silty Clay (continued)			
557.04			
End of Boring			
-45			
-50			
-55			
-60			

BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
10	4.3	13.6
13	S	

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)

Filename: $FILE$

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 - ENTRANCE CULVERT
F.A.P. 607 - SECTION 129BR
KENDALL COUNTY
STATION 106+40.52
STRUCTURE NO. 047-2020