

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	139 BR-2	KANKAKEE	69	64
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



Illinois Department of Transportation
Division of Highways
District 83, Ottawa

SOIL BORING LOG

Page 1 of 1

Date 11/25/02

ROUTE FAP 840 (US 45/52) DESCRIPTION US 45/52 OVER UNNAMED STREAM SOUTH OF KANKAKEE LOGGED BY LM-IDOT

SECTION 139BR-2 LOCATION SE 1/4, SEC. 30, TWP. 30N, RNG. 13W, 2nd PM

COUNTY KANKAKEE DRILLING METHOD Hollow Stem Auger HAMMER TYPE AUTOMATIC

STRUCT. NO. <u>048-0098</u>	DEPTH IN S	BLOW S	U C S Qu	M O I S T	Surface Water Elev. <u>615.30</u> ft	DEPTH IN S	BLOW S	U C S Qu	M O I S T
Station <u>219+25</u>					Stream Bed Elev. _____ ft				
BORING NO. <u>1</u>	DEPTH IN S	BLOW S	U C S Qu	M O I S T	Groundwater Elev.:	DEPTH IN S	BLOW S	U C S Qu	M O I S T
Station <u>219+12</u>					First Encounter _____ ft				
Offset <u>17.00R RT</u>					Upon Completion <u>609.1</u> ft ∇				
Ground Surface Elev. <u>623.08</u> ft	(ft)	(/ft)	(/ft)	(%)	After _____ Hrs. _____ ft	(ft)	(/ft)	(/ft)	(%)

AUGER SAMPLE <u>White Shoulder Stone Over Black to Brown SANDY LOAM</u>					Medium Gray Varved CLAY (continued)	2			
					<u>602.08</u>	2	0.6	26.3	
						3	-	-	
Ground Surface Elev. adjusted on 9/25/04 due to new survey data. <u>620.58</u>									
Loose Black to Brown Fine to Medium SAND	4			16.7		1			
	4					2	0.2	17.0	
	3					3	B		
					<u>598.58</u>				
	3					2			
					<u>617.08</u>				
Medium Black SANDY LOAM	3	0.6	27.3			7	4.0	13.0	
					<u>615.08</u>				
Loose Gray Fine to Coarse SAND	2	0.5	15.6						
	3		24.9						
					<u>613.58</u>				
Very Stiff Gray SILTY CLAY LOAM TILL	3								
	6	3.6	16.0						
	7	B							
					<u>611.08</u>				
Hard Gray SILTY CLAY LOAM TILL	5								
	10	4.5	14.5						
	17	P							
					<u>608.58</u>				
Hard Gray Varved CLAY with Minor SILT Layers	5								
	5	4.0	22.9						
	7	S							
					<u>606.08</u>				
Medium Gray Varved CLAY	3								
	4								
	6								
					<u>602.08</u>				

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 T205)

UBS from 137 (Rev. 8-99)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAP ROUTE 840 (US 45/52)
SEC 139 BR-2, KANKAKEE COUNTY

SOIL BORING LOGS

SCALE: VERT. _____
HORIZ. _____

DATE _____ DRAWN BY _____
CHECKED BY _____

PLOT DATE = 3/20/2005
 FILE NAME = I:\STR\proj\0298-2\1\1ama\kankakee\137-Soil_Boring.dgn
 PLOT SCALE = 1"=20'
 REFERENCE = #REF#