

66131

F. A. P. SHE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	139Z-111	KANKAKEE	24	18
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

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Date 2/99

ROUTE FAP 840A (IL 50 NB) DESCRIPTION IL 50 (Harrison St.) over Trib. to Soldier Creek LOGGED BY Whittington
SECTION 139Z, 24CS, 10CS, 18CS, 1RS-1 LOCATION NE 14, SEC. 32, TWP. 31, RANG. 12, 3rd PM
COUNTY Kankakee DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 046-c208 Existing D E L T H B L O W S U C S Qu T M O I S T Surface Water Elev. 614.10 ft D E L T H B L O W S U C S Qu T
Station 457+60 Stream Bed Elev. _____ ft
BORING NO. 1 Groundwater Elev.: _____ ft
Station 457+22 First Encounter _____ ft
Offset 51.00ft Lt Upon Completion _____ ft
Ground Surface Elev. 623.40 ft (ft) (6") (tsf) (%) After _____ Hrs. (ft) (6") (tsf) (%)

Soil Description	Depth (ft)	Penetration (6")	Blow Count (tsf)	Notes
Augered Black Silty Clay	0 - 621.40			Augered-Gray Silty Loam Till (continued)
				Rock Rubble - Weathered Dolomite
Medium Black Silty Clay	621.40 - 619.90	0.7	32.0	
Stiff Silty Clay	619.90 - 619.40	P		
Stiff Gray-Brown Silty Clay Till	619.40 - 617.40	1.0	21.0	Auger Refusal - Racine Formation Silurian System
Stiff Gray Blocky Silty Clay with Silt Pockets & Thin Layers of Fine Sand	617.40 - 613.90	1.5	22.0	End of Boring
		2.0	22.0	
Medium Gray Wet Silt	613.90 - 612.40	1.7	21.0	
		0.5	23.0	
Very Stiff Dry Gray Silt	612.40 - 610.90	3.0	19.0	
Medium Gray Wet Silt	610.90 - 607.90	<0.5	23.0	
		0.0	27.0	
Very Soft Gray Wet Silt	607.90 - 606.40	2.5	21.0	
Very Stiff Gray Dry Silt	606.40 - 604.40	4.0	11.0	
Augered-Gray Silty Loam Till	604.40 - 602.40			

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)

8/17/2004 c:\projects\ep05899\bor log.dgn

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

BORING LOG

DRAWN BY _____
CHECKED BY _____
DATE _____