

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 840	123 BR-2	IROQUOIS	67	36
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SHEET NO. 19  
20 SHEETS

Contract #66612

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**Illinois Department of Transportation**  
Division of Highways  
Illinois Department of Transportation

## SOIL BORING LOG

Date 12/07/8

ROUTE FAP Route 840 (IL 49) DESCRIPTION FA-840 (IL 49) over Pigeon Creek LOGGED BY F Pickard

SECTION 123 BR-2 LOCATION SW 14, SEC. 1, TWP. 24N, RNG. 14W, 2nd PM

COUNTY Iroquois DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 038-0181  
Station 284+75

BORING NO. #1: S Abut  
Station 284+00  
Offset 16.00ft Lt.  
Ground Surface Elev. 659.70 ft

DEPTH (ft)	B	U	M	Description	D	B	U	M	Surface Water Elev.		Groundwater Elev.	
									(ft)	(ft)	(ft)	(ft)
				Augered, stiff, black, Silty Clay					650.06			
				Very stiff, dark brown, Silty Clay								
				Stiff, brownish gray, Silty Clay Till w/interbedded layers of fine, Sand throughout								
				Very stiff, gray, Silty Clay Till								
				Stiff, gray, Silty Clay Till								
				Hard, dark gray, Silty Clay Till								
				Very stiff, dark gray, Silty Clay Till								

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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DEPTH (ft)	B	U	M	Description	D	B	U	M	Surface Water Elev.		Groundwater Elev.	
									(ft)	(ft)	(ft)	(ft)
				Very stiff, dark gray, Silty Clay Till (continued)								
				Dense, brown, coarse, Sand to fine, Gravel								
				Stiff, gray, Silt								
				Dense, brown, fine to coarse, Sand with very minor, fine, Gravel								
				Boring Extended 011906 49.5, 54.5' sample interval- washed								
				Dense, brown, fine, Sand to coarse, Gravel								
				59.5' sample interval- washed								

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
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BBS, from 137 (Rev. 8-99)

K:\112806207\Structure\Final Plans\Final Plans.dgn 6/3/2007

 Excellence through Ownership 200 West Front Street Wheaton, IL 60187	ILLINOIS DEPARTMENT OF TRANSPORTATION  BORING LOGS - I IL RT. 49 OVER PIGEON CREEK FAP RTE 840 - SECTION 123 BR-2 IROQUOIS COUNTY STATION 284+75.00 STRUCTURE NO. 038-0217
	DATE: 8/7/2007 DRAWN BY WJV CHECKED BY BLB