



Illinois Department
of Transportation
Division of Highways
District #3, Ottawa

SOIL BORING LOG

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Date 1/11/07

ROUTE I-80 DESCRIPTION I-80 near I-180: Sign Truss LOGGED BY Larry Myers

SECTION LOCATION SW 1/4, SEC. 6, TWP. 16N, RNG. 10E

COUNTY Bureau DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 3S0061080R060.7
Station Milepost- 60.7

BORING NO. 2 EBL: S Shoulder
Station 15' N, 20' W of existing
Offset
Ground Surface Elev. 100.00 ft

DEPTH H T S	BL L O W S	UC S Qu	MO I S T	Surface Water Elev. ft	DE P T H	BL L O W S	UC S Qu	MO I S T
(ft)	(/ft)	(tsf)	(%)		(ft)	(/ft)	(tsf)	(%)
				Stream Bed Elev. _____ ft				
				Groundwater Elev.: First Encounter 80.5 ft ▽ Upon Completion 87.0 ft ▽ After _____ Hrs. _____ ft				
				Augered, brown, Silty Clay Loam Till- fill		6		19.7
0.00						8		
	5			Very stiff, gray to brown, Silty Loam to Silt- Loess				
	7	3.5	18.0					
	7	P						
	3					3		
	3	2.0	18.6			5		23.7
	4	P				9		
4.00				Stiff, brown, Silty Clay Loam to Clay Loam Till	74.00			
	3							
	3	1.5	15.4					
	4	P						
	2			Stiff, gray, Silty Clay Loam Till				
	2	1.8	14.5					
	4	P						
	3			Very stiff, gray, Silty Clay Loam Till				
	4	2.9	13.1					
	4	B						
	3							
	4	2.7	13.5					
	5	B						
	3			Hard, gray, Silty Clay Loam Till				
	7	7.0	13.6					
	10	S						
	3							

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	-
CHECKED	-
DRAWN	-
CHECKED	-

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EXAMINED
ENGINEER OF BRIDGE DESIGN
PASSED
ENGINEER OF BRIDGES AND STRUCTURES