



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

**SOIL BORING LOG**

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Date 3/22/04

ROUTE I-80 DESCRIPTION P92-040-02a I-80 Bridge over BNR, 1/4 m. E. of US 34 LOGGED BY W. Garza  
SECTION 06-5VB LOCATION Princeton Twp. - 3SE, SEC. , TWP. 16N, RNG. 9E  
COUNTY Bureau DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO.	DEPTH	B	U	M	Surface Water Elev.
Station	(ft)	(8")	(tsf)	(%)	ft
1229+99					27.0
BORING NO. <u>B-1</u>					Groundwater Elev.:
Station <u>1231+54</u>					First Encounter <u>718.5</u> ft
Offset <u>6.00ft Rt Med. CL</u>					Upon Completion <u>Dr</u> ft
Ground Surface Elev. <u>756.0</u> ft					After <u>Hrs.</u> ft
HARD gray SANDY CLAY TILL	13				
	17	7.8		10	
	23	B			
674.50					
HARD gray SANDY CLAY TILL with medium GRAVEL	16				
	18	8.2		10	
	26	B			
672.00					
HARD gray SANDY CLAY TILL with medium GRAVEL	12				
	18	8.0		10	
	22	B			
669.50					
HARD gray SANDY CLAY TILL with medium GRAVEL	14				
	18	8.2		9	
	25	S			
667.00					
End of Boring	-90				
	-95				
	-100				

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)

Stationing Note:

Plan Station 3080+55.07 = Boring Station 1230+04.12

FILE NAME =	USER NAME =	DESIGNED - PF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORINGS - 2 STRUCTURE NO. 006-0176 EB AND 006-0177 WB	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
<b>TYLIN</b> INTERNATIONAL		CHECKED - PF	REVISED -			80	(06-5)HBR-1.VBR(06-6)RS-3&1	BUREAU	249	141
PLOT SCALE =		DRAWN - DY	REVISED -			CONTRACT NO. 66686				
PLOT DATE = 09/13/2011		CHECKED - PF	REVISED -			ILLINOIS FED. AID PROJECT				
					SHEET NO. 37 OF 43 SHEETS					

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