



# SOIL BORING LOG

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ROUTE FAI 80 DESCRIPTION P92-040-02b Bridge, I-80 over US 34, 1.7 m. E. of IL 26 LOGGED BY W. Garza  
 SECTION 06-5HB-1 LOCATION Princeton Twp. - 3SE, SEC. , TWP. 16N, RNG. 9E  
 COUNTY Bureau DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO. Station	BORING NO. Station	Ground Surface Elev.	D P T H	B L O W S	U C S Qu	M O I S T	Surface Water Elev.		D E P T H		U C S Qu	M O I S T
							ft	ft	(ft)	(/6")		
10" Asphalt												
STIFF tan SILTY CLAY LOAM					1.1	22						
		709.00										
VERY STIFF gray/tan SILTY CLAY		707.50			3.7	21						
MEDIUM gray/tan SILT		705.00			0.5	26						
STIFF tan SILTY CLAY TILL		702.50			1.2	16						
STIFF tan SILTY CLAY TILL		700.00			1.5	17						
MEDIUM gray SILTY CLAY TILL with SAND lens		697.50			1.0	15						
STIFF gray SILTY CLAY TILL with GRAVEL		695.00			1.7	14						
VERY STIFF gray SILTY CLAY TILL		692.50			2.9	15						

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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							ft	ft	(ft)	(/6")		
HARD gray SANDY CLAY TILL with GRAVEL		670.00			8.0	11						
HARD gray SANDY CLAY TILL with medium GRAVEL		667.00			5.4	12						
VERY DENSE gray SANDY CLAY TILL with GRAVEL		665.00			7.6							
VERY DENSE gray SANDY CLAY TILL with medium GRAVEL		662.00										
HARD gray SANDY CLAY TILL with medium SAND		660.00			4.5	11						
HARD gray SANDY CLAY TILL with medium GRAVEL		657.50			5.8	12						
End of Boring:												

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 BBS, from 137 (Rev. 8-99)

Stationing Note:  
 Plan Station 3070+32.00 = Boring Station 1219+90.89

FILE NAME =	USER NAME =	DESIGNED - DY	REVISOR -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORING B-3 STRUCTURE NO. 006-0020 EB AND 006-0021 WB	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TYLIN INTERNATIONAL	CHECKED - PF	REVISOR -	80			06-5HB-1.VBR/06-61RS-3&I	BUREAU	249	162	
PLOT SCALE =	DRAWN - DY	REVISOR -	CONTRACT NO. 66686							
PLOT DATE = 09/13/2011	CHECKED - PF	REVISOR -	ILLINOIS FED. AID PROJECT							