



Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 2

Date 7/13/04

ROUTE I-80 DESCRIPTION P92-040-02a I-80 bridge over BNRR, 1/4 m. E. of US 34 LOGGED BY C. Jenkins
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. Station	DEPTH H	BLOW S	UCS Qu	MOIST T	Surface Water Elev. Stream Bed Elev.	DEPTH H	BLOW S	UCS Qu	MOIST T	
	ft	(ft)	(/6")	(tsf)	(%)	ft	(ft)	(/6")	(tsf)	(%)
MEDIUM tan SILTY CLAY			0.8 P	23	None					
					706.50	3 4 6		1.3 B	14	
MEDIUM tan/gray SILTY LOAM	725.50	3 3 4	0.7 B	27	None					
	724.00				704.00	3 6 9		1.3 B	13	
SOFT tan/gray SILT		2 5 5	0.3 B	25	None					
	721.50				701.50	3 6 8		1.6 B	14	
VERY STIFF tan SILTY LOAM		2 4 7	2.4 B	14	None					
	719.00				699.00	2 6 8		1.5 B	12	
VERY STIFF brown/gray SILTY CLAY TILL		2 5 6	2.1 S	15	None					
	716.50				696.50	3 4 9		2.0 B	14	
VERY STIFF gray SILTY CLAY TILL		4 5 7	2.3 B	14	None					
	714.00				694.00	4 5 8		2.5 B	15	
STIFF gray SILTY LOAM TILL		2 4 6	1.5 B	14	None					
	711.50				691.50	1 5 7		1.6 B	12	
Same as above		2 4 7	1.5 B	14	None					
	709.00				689.00	2 4 7		1.1 B	12	

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)	(/6")	(tsf)	(%)	ft	(ft)	(/6")	(tsf)	(%)
STIFF mauve SILTY CLAY TILL		3 5 8	1.1 B	13	None					
	686.50				666.50	6 9 14		5.0 B	11	
STIFF mauve SILTY LOAM TILL		1 4 7	1.6 S	13	None					
	684.00				664.00	8 14 23		4.5 S	10	
Same as above		3 5 7	1.7 S	12	None					
	681.50				661.50	12 13 50		6.4 S	10	
STIFF brown SILTY CLAY TILL		2 5 7	1.8 B	11	None					
	679.00				659.00	18 17 23		5.7 S	12	
VERY STIFF brown SILTY LOAM TILL		2 6 8	2.3 B	12	None					
	676.50				656.50	10 20 22		6.0 S	11	
HARD brown SILTY LOAM TILL		5 10 17	4.7 S	10	None					
	674.00				654.00					
Same as above		8 11 15	4.3 S	10	None					
	671.50				651.50					
VERY STIFF brown SILTY CLAY TILL		5 10 14	2.9 S	11	None					
	669.00				649.00					

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Stationing Note:

Plan Station 3080+55.07 = Boring Station 1230+04.12

FILE NAME =	USER NAME =	DESIGNED - PF	REVISED -
TYLIN INTERNATIONAL		CHECKED - PF	REVISED -
	PLOT SCALE =	DRAWN - DY	REVISED -
	PLOT DATE = 09/13/2011	CHECKED - PF	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORINGS - 6
STRUCTURE NO. 006-0176 EB AND 006-0177 WB
SHEET NO. 41 OF 43 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	006-5HBR-1.VBR(06-6)RS-3&1	BUREAU	249	145
		CONTRACT NO.	66686	
ILLINOIS FED. AID PROJECT				