



Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 2

Date 7/14/04

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. None ft				DEPTH H	BLOW S	UCS Qu	MOIST T	
					Stream Bed Elev. None ft								
BORING NO. Station	DEPTH H	BLOW S	UCS Qu	MOIST T	Groundwater Elev.:				DEPTH H	BLOW S	UCS Qu	MOIST T	
					First Encounter 699.7 ft								
Offset 94.00ft Rt CL EB					Upon Completion Wash ft								
Ground Surface Elev. 724.7 ft					After 24 Hrs. 702.7 ft								
MEDIUM black SILTY LOAM			0.8 P										
					703.20	2							
						3	1.6	12					
						5	B						
STIFF tan with rust SILTY CLAY	722.20	3	1.8	23									
		4				1							
	720.70	6	S			4	1.6	12					
					700.70	4	B						
SOFT tan SILT		2	0.3	28									
		1				2							
	718.20	3	P			4	1.4	14					
					698.20	7	B						
MEDIUM tan/gray SILT		1	0.6	25									
		2				2							
	715.70	4	P			3	1.2	14					
					695.70	5	B						
STIFF tan SILTY LOAM		1											
		3	1.5	14		2							
	713.20	5	B			2	1.0	11					
					692.70	5	B						
Same as above		2											
		3	1.6	13		8							
	710.70	5	B			4							
					690.70	8							
STIFF gray SILTY CLAY TILL		3	1.1	14									
		4				5							
	708.20	5	S			11							
					687.70	7							
Same as above		2											
		3	1.8	13		2							
	705.70	4	B			5	1.2	13					
					685.70	5	S						

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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					Stream Bed Elev. None ft								
BORING NO. Station	DEPTH H	BLOW S	UCS Qu	MOIST T	Groundwater Elev.:				DEPTH H	BLOW S	UCS Qu	MOIST T	
					First Encounter 699.7 ft								
Offset 94.00ft Rt CL EB					Upon Completion Wash ft								
Ground Surface Elev. 724.7 ft					After 24 Hrs. 702.7 ft								
STIFF brown SILTY LOAM TILL		2											
		4	1.2	13									
	683.20	5	S										
STIFF brown SILTY LOAM TILL		2											
		4	1.6	12									
	680.70	6	B										
VERY STIFF brown SILTY LOAM TILL		6											
		8	3.3	11									
	678.20	12	B										
HARD gray/brown SILTY LOAM TILL		6											
		11	5.4	9									
	675.70	14	B										
Same as above		11											
		24	6.6	10									
	673.20	30	B										
HARD brown SANDY LOAM TILL		13											
		29	8.9	10									
	670.70	42	S										
Same as above		18											
		20	10.7	10									
	668.20	28	S										
7/20/04 Same as above		11											
		16	8.7	10									
	665.70	22	S										

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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 -
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 - 7
STRUCTURE NO. 006-0176 EB AND 006-0177 WB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	006-5HBR-1.VBR(06-6)RS-3&1	BUREAU	249	146
CONTRACT NO. 66686			ILLINOIS FED. AID PROJECT	

SHEET NO. 42 OF 43 SHEETS