



SOIL BORING LOG

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	BORING NO. Station Offset Ground Surface Elev.	DEPTHS				SOIL DESCRIPTION	DEPTHS				SURFACE WATER ELEV. None ft STREAM BED ELEV. None ft			
		(ft)	(/6")	(tsf)	(%)		(ft)	(/6")	(tsf)	(%)				
	728.2				1.8 P	19	STIFF brown SILTY LOAM							
	725.20	3			0.7 B	27	MEDIUM tan SILTY LOAM							
	723.70	4			0.1 P	29	VERY SOFT tan SILTY LOAM							
	721.20	1			0.7 P	16	MEDIUM tan SILT							
	718.70	2			0.7 B	16	MEDIUM tan SILT							
	716.20	3			1.9 S	14	STIFF gray SILTY CLAY TILL							
	713.70	3			2.1 B	14	VERY STIFF gray SILTY CLAY TILL							
	711.20	4			2.1 B	14	Same as above							
	708.70	7					Same as above							

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)	(/6")	(tsf)	(%)		(ft)	(/6")	(tsf)	(%)				
	728.2						DENSE tan/gray SAND & GRAVEL							
	686.20	12					HARD brown SANDY LOAM TILL							
		18												
		28												

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Stationing Note:
 Plan Station 3080+55.07 = Boring Station 1230+04.12

FILE NAME = TYLIN INTERNATIONAL

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SOIL BORINGS - 8
STRUCTURE NO. 006-0176 EB AND 006-0177 WB**

SHEET NO. 43 OF 43 SHEETS

F.A.I. RTE. 80 SECTION 06-5VB COUNTY Bureau TOTAL SHEETS 147 SHEET NO. 147 CONTRACT NO. 66686 ILLINOIS FED. AID PROJECT