Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Date 3/23/04

ROUTE I-80 DESCRIPTION P92-040-02a I-80 Bride over BNRR, 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.
Station 1229+99

BORING NO. B-2
Station 1228+57
Offset 2.00ft Rt Med. CL
Ground Surface Elev. 752.8 ft

Surface Water Elev. ft
Stream Bed Elev. 27.0 ft

Groundwater Elev.:
First Encounter 717.8 ft ▼
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
HARD gray SANDY CLAY TILL with medium GRAVEL	671.30		14 19 28	6.2 B	11
Same as above	668.80		13 21 36	7.0 B	11
HARD gray SANDY CLAY TILL with medium GRAVEL	666.30	-85	13 19 27	5.6 B	11
HARD gray SANDY CLAY TILL with medium GRAVEL	663.80		12 17 21	6.4 B	11
HARD gray SANDY CLAY TILL with medium GRAVEL	661.30	-90	10 13 18	6.0 B	11
HARD gray SANDY CLAY TILL with medium GRAVEL	658.80		9 12 19	7.4 B	11
End of Boring		-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 -
TY·LIN 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 - 4
STRUCTURE NO. 006-0176 EB AND 006-0177 WB
SHEET NO. 39 OF 43 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(106-5)HBR-1,VBR(06-6)RS-3&1	BUREAU	299	149
		CONTRACT NO. 66686		
		ILLINOIS FED. AID PROJECT		

$FILE$ $TIME$ $DATE$