STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Date 3/14/05

ROUTE FAI 80 DESCRIPTION P92-038-03 I-80 bridge over Negro Creek, 1.75 m. E. of IL 89 LOGGED BY W. Garza

SECTION 06-7B-1R&06-7VB LOCATION Hall Twp. - 17 NW, SEC. , TWP. 16N, RNG. 11E

COUNTY Bureau DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO.
Station 1758+70

BORING NO. B-3b
Station 1757+34
Offset 6.00ft Rt CL Med
Ground Surface Elev. 646.8 ft

Surface Water Elev. 560.0 ft
Stream Bed Elev. 558.5 ft

Groundwater Elev.:
First Encounter 596.8 ft ▼
Upon Completion Wash ft
After ___ Hrs. ___ ft

Description	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
VERY DENSE gray well-cemented SAND with fine SAND lens 565.30		65 54 29		
End of Boring				
	-85			
	-90			
	-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)

DESIGNED	
CHECKED	
DRAWN	MAU
CHECKED	AD

BORING LOGS - 4
STRUCTURE NO. 006-0174 (EB)
STRUCTURE NO. 006-0175 (WB)

TY·LIN INTERNATIONAL

SHEET NO.37	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39 SHEETS	80	*	BUREAU	34	235
			CONTRACT NO. 66908		
	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* 06-[7BR & BR-1,7VB-M, 6BR & 6, 7 RS-1 & I]