BORING LOGS

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

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Date 4/4/06

ROUTE FAP 17 DESCRIPTION P92-078-06 Box culvert, IL 64 , .5 m. S. of Chambers Grove Road LOGGED BY J. Strating

SECTION 15 T-2 LOCATION Lima Twp. - 8 NE, SEC. , TWP. 24N, RNG. 7E

COUNTY Carroll DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.
Station 790+30

BORING NO. B-2c
Station 790+23
Offset 50.00ft Rt CL
Ground Surface Elev. 91.3 ft

Surface Water Elev. ft
Stream Bed Elev. 90.7 ft

Groundwater Elev.:
First Encounter 57.8 ft ▼
Upon Completion 57.8 ft ▽
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM brown SILTY LOAM	89.30			0.8 P	29
MEDIUM brown SILTY LOAM	87.80		1 2 3	1.0 P	37
STIFF brown SILTY LOAM	85.30	-5	1 2 5	1.8 P	26
VERY STIFF brown SILTY LOAM	82.80		7 9 10	2.0 P	15
STIFF tan/brown SILTY LOAM	80.30	-10	2 3 3	1.6 B	20
MEDIUM tan/brown SILTY CLAY LOAM	77.30		2 2 2	0.6 B	25
MEDIUM tan/brown medium SAND	75.30	-15	3 7 8		
MEDIUM brown dirty medium SAND	72.80		5 3 7		
		-20			
MEDIUM tan/brown medium SAND (continued)	70.30		7 10 12		
DENSE tan/brown medium SAND	67.30		10 15 18		
VERY STIFF gray SILTY CLAY LOAM TILL	65.30	-25	11 8 7	2.4 B	16
VERY STIFF gray SILTY CLAY with SILT lens in bottom	62.80		4 5 18	2.2 B	20
STIFF gray SILTY LOAM TILL	59.80	-30	6 6 5	1.8 P	15
DENSE tan weathered LIMESTONE	57.80 ▼		3 10 38		
End of Boring		-35			
		-40			

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)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. HORIZ.
DATE
DRAWN BY
CHECKED BY

PLOT DATE = Mon Jan 28 07:44:31 2008
FILE NAME = C:\Projects\c207586\d7806blogs.dgn
PLOT SCALE = 200.0000 ' / IN.
USER NAME = hamsonke