BORING LOGS

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

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Date 9/18/06

ROUTE FAP 316 DESCRIPTION P92-006-07 Box culvert on IL 26, .5 m. S. of Amboy Road LOGGED BY W. Garza

SECTION 102T LOCATION Marion Twp. - 21SE, SEC. , TWP. 20N, RNG. 9E

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

STRUCT. NO. 052-1026
Station 430+15

BORING NO. B-2b
Station 430+37
Offset 14.00ft Rt CL
Ground Surface Elev. 99.30 ft

Surface Water Elev. ft
Stream Bed Elev. 94.50 ft

Groundwater Elev.:
First Encounter 86.8 ft ▼
Upon Completion Wash ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Shoulder					
MEDIUM brown SANDY LOAM				0.5 P	13.0
	96.80				
VERY STIFF dark brown CLAY LOAM			4		
			4	3.5 B	13.0
	95.30		6		
VERY STIFF black SILTY CLAY with 11% ORGANICS		-5	2		
			4	2.1 P	43.0
	92.80		5		
STIFF brown LOAM with SAND lens			1		
			2	1.1 B	21.0
	90.30		3		
SOFT gray SILTY LOAM		-10	1		
			2	0.4 P	26.0
			3		
	87.30				
MEDIUM gray fine SAND		▼	1		
			4		
	85.30		10		
MEDIUM gray dirty medium SAND		-15	4		
			11		
	82.80		17		
MEDIUM gray clean medium coarse SAND			1		
			5		
	80.30		9		
		-20			
MEDIUM gray fine SAND			5		
			7		
	77.80		12		
Wash			14		
VERY DENSE gray SAND & GRAVEL			21		
			30		
	74.80	-25			
MEDIUM gray medium SAND with SILTY CLAY TILL bottom 4"			6		
			5	2.5 P	13.0
	72.80		6		
STIFF gray SILTY CLAY TILL			0		
			3	1.4 B	12.0
	70.30		5		
STIFF gray SILTY CLAY TILL		-30	3		
			5	1.2 B	13.0
	67.80		7		
VERY STIFF gray SILTY CLAY TILL			4		
			7	3.5 B	12.0
	65.30		12		
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 = Thu Jan 24 15:34:09 2008
FILE NAME = C:\Projects\c206507\d0507logs.dgn
PLOT SCALE = 50.0000 ' / IN.
USER NAME = herscrko