BORING LOGS

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

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Date 4/2/07

ROUTE FAP 17 DESCRIPTION P92-078-06 Box culvert - Relocation * US 52 culvert, .25 m. E. of Shannon Road LOGGED BY W. Garza

SECTION 15 T-2 LOCATION , SEC. , TWP. , RNG.

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

STRUCT. NO. 008-1029 *
Station

BORING NO. B-2d
Station 40+83
Offset 7.00ft Lt CL
Ground Surface Elev. 99.7 ft

Surface Water Elev. ft
Stream Bed Elev. 92.0 ft

Groundwater Elev.:
First Encounter 79.7 ft ▼
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
STIFF gray LOAM TILL			4 5 7	1.7 B	15
	58.20				
End of Boring					
		-45			
		-50			
		-55			
		-60			

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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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. 008-1032
Station 790+30

BORING NO. B-1c
Station 790+26
Offset 49.00ft Lt CL
Ground Surface Elev. 92.0 ft

Surface Water Elev. ft
Stream Bed Elev. 90.7 ft

Groundwater Elev.:
First Encounter 57.5 ft ▼
Upon Completion 57.5 ft ▽
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM brown SILTY LOAM				0.8 P	26
	90.00				
MEDIUM brown SILTY LOAM			4 4 6	1.0 P	33
	88.50				
MEDIUM tan/brown SILTY LOAM		-5	1 2 4	1.0 B	28
	86.00				
MEDIUM tan/brown SILTY LOAM with LIMESTONE fragments			1 2 7	0.8 B	29
	83.50				
MEDIUM brown SILTY LOAM		-10	1 3 4	1.0 B	25
	81.00				
STIFF tan/brown SILTY LOAM			2 5 7	1.1 S	16
	78.50				
STIFF brown/gray SILTY CLAY LOAM TILL		-15	2 4 5	1.4 B	16
	76.00				
STIFF gray SILTY CLAY LOAM TILL			2 3 5	1.1 B	17
	73.50				
		-20			
MEDIUM gray SILTY CLAY LOAM TILL (continued)			2 3 6	0.7 B	17
	71.00				
STIFF gray SILTY CLAY LOAM TILL			3 3 6	1.2 B	16
	68.50				
STIFF gray SILTY CLAY LOAM TILL with SAND lens		-25	3 3 9	1.2 B	13
	66.00				
STIFF gray SILTY CLAY LOAM TILL			2 3 7	1.4 B	16
	63.50				
VERY STIFF gray CLAY LOAM		-30	3 4 6	2.7 B	23
	61.00				
STIFF gray CLAY			3 4 13	1.8 B	25
	58.00				
VERY DENSE tan weathered LIMESTONE		-35	100/11"		
	56.00				
End of Boring					
		-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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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 07:44:38 2008
FILE NAME = C:\Projects\b2878\bs\d878bslogs.dgn
PLOT SCALE = 2000.000 ' / IN.
USER NAME = hamsonke