Illinois Department of Transportation
Division of Highways
IDOT - Dist 5

SOIL BORING LOG

Date 12/15/04

ROUTE Co. Hwy. 20 DESCRIPTION Co. Hwy. 20 Over West Fork of Stevens Creek LOGGED BY CNA

SECTION 03-01184-00-BR LOCATION SE, SEC. 9, TWP. 17N, RNG. 2E, 3rd PM

COUNTY Macon DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 058-3188
Station 10+00

BORING NO. 1 East Abut.
Station 10+39
Offset 8.0 ft Rt.
Ground Surface Elev. 100.0 ft

Surface Water Elev. 93.9 ft
Stream Bed Elev. 91.7 ft

Groundwater Elev.:
First Encounter 89.0 ft ▼
Upon Completion ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Soil Description
100.0				Pavement
98.0				Black Mottled Silty Clay Loam (Backfill)
-5	1 2 2			
	0 2 3			
	1			
-10	1 2			
89.0 ▼				Gray Fine Sand to Silt
	0 1 2			
87.0				Gray Clay Loam Till
	2			
-15	3 4	2.0 S	12	(No Sample Obtained)
	2			
-20	7 7	3.6 S	11	
-25	15 15		11	Gray Clay Loam Till *(continued)*
	5			
-30	6 7	2.9 B	13	
-35	5 8			
-40	6 10	3.4 B	12	

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.

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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Upon Completion ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Soil Description
				Gray Clay Loam Till *(continued)*
57.0				Brown Fine Peat
-45	6			
	6 11		61	
53.0				Blue/Gray Clay Loam Till
	3			
-50	4 5	1.6 B	20	
	3			
-55	4 8	2.4 B	15	
43.0				Gray Clay Loam Till
	5			
-60	8 9	2.9 B	15	
39.0				Gray Moderately Sorted Coarse Sand
	5			
35.5	10 12	5.6 B	12	
-65				Gray/Green Sandy Clay Loam Till with Intermittent Sand Seams
	3			
-70	9 9	3.5 B	11	
	4			
-75	8 8	2.5 B	12	
25.0				End of Boring
-80				

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CH 20 OVER TRIBUTARY TO STEVENS CREEK

SOIL BORING LOGS

REVISIONS		
No.	DATE	INITIALS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

CH 20 SECTION 03-00184-00-BR
SN 058-3370
MACON COUNTY

DRAWN BY R KING DATE 6/09
CHECKED BY JMB DATE 6/09
BOOK NUMBER
PROJECT No. 4901
SHEET No.

HOMER L. CHASTAIN & ASSOCIATES, LLP
CONSULTING ENGINEERS
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