Sheet No. 8 of 8 Sheets

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 549	*	MACON	52	28
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT		

*03-00184-00-BR

Illinois Department of Transportation
Division of Highways
IDOT - Dist 6

SOIL BORING LOG

Page 1 of 2

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

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

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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Illinois Department of Transportation
Division of Highways
IDOT - Dist 6

SOIL BORING LOG

Page 2 of 2

Date 2/23/05

ROUTE CO HWY 20 DESCRIPTION Co. Hwy. 20 Over East 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. 058-3189
Station 10+00

BORING NO. 1 East Abut.
Station 10+43
Offset 9.0 ft Rt.
Ground Surface Elev. 100.0 ft

Surface Water Elev. 92.5 ft
Stream Bed Elev. 90.2 ft

Groundwater Elev.:
First Encounter 90.0 ft ▼
Upon Completion 91.3 ft ▽
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Dark Gray to Brown Mottled Organic Silt to Fine Peat *(continued)*	58.0				
Dark Gray to Blue Gray Clay Loam Till			0		
			2	1.4	21
		-45	4	B	
Green/Gray Sandy Clay Loam Till	53.0				
			3		
			6	2.8	14
		-50	9	S	
			4		
			7	5.0	13
		-55	7	B	
Gray Clay Loam Till to Sandy Clay Loam Till	43.0				
			3		
			5	1.7	12
		-60	7	B	
Gray Clay Loam Till to Sandy Clay Loam Till *(continued)*					
			5		
			7	2.6	12
		-65	9	B	
End of Boring	35.0				
			3		
			6	2.9	13
		-70	7	B	
		-75			
		-80			

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)

2/24/2005 10:52:13 AM S:\SOIL\BORING LOGS\MACON CNTY\058-3189.GPJ

CH 20 OVER 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 058-3371
MACON COUNTY

HOMER L. CHASTAIN & ASSOCIATES, LLP
CONSULTING ENGINEERS
184-001397

DECATUR (217) 423-8544 CHICAGO (773) 714-0050
ROCKFORD (815) 489-0050

DRAWN BY	DATE
R KING	6/09
CHECKED BY	DATE
JMB	6/09

BOOK NUMBER

PROJECT No. 4901

SHEET No.