



# SOIL BORING LOG

Date 3/4/10

ROUTE FAP 322 (US 51) DESCRIPTION Overhead Sign Truss Foundation LOGGED BY E. Sandschafer

SECTION (58-64BH-1)B-1 LOCATION Sec 23 - SW 1/4, Sec 27 - NE 1/4, SEC., TWP. 17 N, RNG. 2 E, 3 PM

COUNTY Macon DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. #7C058UB51R017.11  
Station 1156+50  
BORING NO. OH2 (NE corner)  
Station 1156+34  
Offset 61.50ft Rt  
Ground Surface Elev. 668.73 ft

DEPTH (ft)	BLOW S (ft)	UCS (tsf)	MOIST (%)	DEPT H (ft)	BLOW S (ft)	UCS (tsf)	MOIST (%)
0				0			
7				7	2.4		14
10				10	B		
4				5			
5	+4.5	18		7	4.4		10
7	PP			10	B		
15				4			
20	+4.5	7		7	3.0		22
12	PP			13	B		
6							
10	4.1	9					
12	B						
18							
9	+4.5	12					
9	PP						
4							
6	3.9	14					
11	B						
8							
10	+4.5	9					
10	PP						
6							
8	4.3	15					
12	B						
6							
20							

12" asphalt shoulder, 6" crushed stone subbase. 667.23  
Hard, very moist, gray, CLAY LOAM TILL embankment.  
649.23

Surface Water Elev. N/A ft  
Stream Bed Elev. N/A ft  
Groundwater Elev.:  
First Encounter Dry ft  
Upon Completion Dry ft  
After 24 Hrs. Caved at 12.7 ft

Very stiff, damp, dark gray, SILTY CLAY. Estimated original ground line. (continued)  
646.73  
Hard, damp, brown, CLAY LOAM TILL.  
642.73  
Extent of exploration.

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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SECTION (58-64BH-1)B-1 LOCATION Sec 23 - SW 1/4, Sec 27 - NE 1/4, SEC., TWP. 17 N, RNG. 2 E, 3 PM

COUNTY Macon DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. #7C058UB51L017.13  
Station 1153+00  
BORING NO. OH1 (SW corner)  
Station 1153+33  
Offset 50.40ft Lt  
Ground Surface Elev. 668.78 ft

DEPTH (ft)	BLOW S (ft)	UCS (tsf)	MOIST (%)	DEPT H (ft)	BLOW S (ft)	UCS (tsf)	MOIST (%)
0				0			
7				7	3.9		12
10				7	B		
3				3			
5	1.3	13		5			
8	B			8			
6				6			
6	3.7	10		6			
8	B			8			
5				5			
14	2.1	15		14			
12	B			12			
11				11			
10	3.8	9		10			
11	B			11			
6				6			
6	4.5	8		6			
7	B			7			
4				4			
7	3.1	18		7			
11	B			11			
0				0			
5	3.0	13		5			
6	B			6			
4				4			

12" asphalt shoulder, 6" crushed stone subbase. 667.28  
Very stiff, damp, gray, CLAY LOAM TILL embankment.  
653.78  
Very stiff, damp, dark gray, SILTY CLAY w/ some organics. Estimated original ground line.  
651.78  
Very stiff, damp, brown, CLAY LOAM TILL.

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)

## CANTILEVER SIGN STRUCTURES BORING LOGS

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SHEET NO. 15 15 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	322	(58-64HB-1)B-1	MACON	149	110
US ROUTE 51			CONTRACT NO. 74387		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT			

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