

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SOIL BORING LOG

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Date 9/21/09

ROUTE FAP 322 (US 51) DESCRIPTION US 51 over Busn 51, Additional Borings LOGGED BY E. Sandschafer
 SECTION (58-20)RS & (58-20B-1)BR LOCATION NW 1/4, SEC. 3, TWP. 15 N, RNG. 2 E, 3 PM
 COUNTY Macon DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. Station	DEPTH (ft)	BULGE (/6")	UCS (tsf)	FAILURE MODE (%)	Soil Description				
					Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	Notes	
058-0101 & 0102 133+62.06					N/A	N/A			
BORING NO. 1 (SE) Station 130+99 Offset 15.00ft RI Ground Surface Elev. 730.18									
3" topsoil. Gray, CLAY.	728.88								
	728.18	3							
		4	3.0	11					
		5	B						
		3							
		4	3.6	11					
		7	B						
		2							
		3	1.5	10					
		3	B						
		2							
		3	1.3	12					
		4	B						
		1							
		2	1.0	12					
	2	B							
	1								
	2	1.9	12						
	3	B							
	1								
	6	1.6	10						
	5	B							
	4								

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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					Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	Notes	
058-0101 & 0102 133+62.06					N/A	N/A			
BORING NO. 2 (NW) Station 135+93 Offset 3.00ft LI Ground Surface Elev. 728.27									
3" topsoil. Brown, CLAY.	727.97								
	728.27	16							
		20	5.9	9					
		12	S						
		1							
		3	1.5	11					
		5	B						
		2							
		3	1.9	11					
		5	B						
		4							
		8	1.2	9					
		6	B						
		2							
		4	2.2	12					
	5	B							
	4								
	4	2.0	9						
	5	PP							
	4								
	5	3.8	11						
	6	B							
	3								

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 BBS, from 137 (Rev. 8-99)



DESIGNED: IDOT-D7 DRAWN: P. Ray
 CHECKED: DCD CHECKED: DCD

SOIL BORINGS
STRUCTURE NO. 058-0101(NB) & 0102(SB)

SHEET 26 OF 26	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	322	(58-20)RS	MACON	151	91
STA. 133+62.02		CONTRACT NO. 74150			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					