

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



SOIL BORING LOG

Page 1 of 1

Date 9/22/09

ROUTE FAP 322 (US 51) DESCRIPTION US 51 over IL 48 LOGGED BY E. Sandschafer  
 SECTION (58-20)RS & (58-20B-1)BR LOCATION NW 1/4, SEC. 32, TWP. 16 N, RNG. 2 E, 3 PM  
 COUNTY Macon DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. Station	BORING NO. Station Offset	Ground Surface Elev. ft	D E L C S				U M				Surface Water Elev. ft	Stream Bed Elev. ft	Groundwater Elev.: First Encounter Upon Completion After 72 Hrs. ft	D E L C S				U M															
			(ft)	(/6")	(tsf)	(%)	(ft)	(/6")	(tsf)	(%)				(ft)	(/6")	(tsf)	(%)	(ft)	(/6")	(tsf)	(%)												
058-0108 & 0109 235+00.78	1 (SE) 232+45 20.00ft RI	714.57									N/A	N/A																					
		714.22																															
		710.07																															
		694.57																															

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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STRUCT. NO. Station	BORING NO. Station Offset	Ground Surface Elev. ft	D E L C S				U M				Surface Water Elev. ft	Stream Bed Elev. ft	Groundwater Elev.: First Encounter Upon Completion After 48 Hrs. ft	D E L C S				U M															
			(ft)	(/6")	(tsf)	(%)	(ft)	(/6")	(tsf)	(%)				(ft)	(/6")	(tsf)	(%)	(ft)	(/6")	(tsf)	(%)												
058-0108 & 0109 235+00.78	2 (NW) 236+69 21.00ft LI	714.22									N/A	N/A																					
		713.92																															
		712.22																															
		709.72																															
		704.72																															
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FILE: J:\JDO\10177 IL-D7VY#8 USS51Bridge Repair\3-L48-NSRR\0580108-74150-026-bor-logs.dgn  
 USER: DCD  
 DATE: 04/09/2010 18:03:37



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

SOIL BORINGS  
STRUCTURE NO. 058-0108(SB) & 0109(NB)

SHEET 26 OF 26	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	322	(58-20)RS	MACON	151	128
		STA. 235+00.78	CONTRACT NO. 74150		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					