

Illinois Department of Transportation
Division of Highways
District 7 - Materials

SOIL BORING LOG

Page 1 of 4
Date 7/30/07

ROUTE FAP 320 (IL 121) DESCRIPTION Marrow Bone Creek LOGGED BY F. Sandschofer
SECTION (102BY)B-1 LOCATION NW 1/4, SEC. 9, TWP. 14 N, RNG. 4 E, 3 PM
COUNTY Moultrie DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. 070-0001
Station 139+18.3

BORING NO. 2
Station 139+70
Offset 13.00ft LI
Ground Surface Elev. 656.85 ft

Description	Depth (ft)	Bulge	Shear	Penetrometer	SPT (N)	Surface Water Elev.		Stream Bed Elev.		Groundwater Elev.	
						(ft)	(/6")	(ft)	(/6")	(ft)	(/6")
11.5" asphalt pavement.	655.85					639.80		639.19			
Gray, SANDY CLAY.	654.85										
Stiff, damp, brown, CLAY w/ trace fine gravel.	652.35										
Very stiff to medium, damp, brown, CLAY TILL.	644.05										
Medium to very soft, damp, dark gray, SANDY LOAM.	638.45										
Gray, SAND.	637.35										

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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						(ft)	(/6")	(ft)	(/6")	(ft)	(/6")
Very stiff, damp, gray, CLAY LOAM TILL. (continued)	630.85										
Hard, damp, gray, SANDY CLAY TILL.	612.35										
Brown, wet, fine grained, SAND. 10% passing #200 sieve.	607.35										
Hard, damp, gray, SANDY CLAY TILL.	597.35										

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DESIGNED -	EXAMINED	DATE - 10/11/2011	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		SOIL BORING LOGS STRUCTURE NO. 070-0050		F.A.P. RTE. 320	SECTION (102BY)B-1	COUNTY MOULTRIE	TOTAL SHEETS 48	SHEET NO. 30
CHECKED -	PASSED	ENGINEER OF BRIDGE DESIGN					SHEET NO. 20 OF 21 SHEETS		CONTRACT NO. 74280		
DRAWN -		ENGINEER OF BRIDGES AND STRUCTURES					ILLINOIS FED. AID PROJECT				
CHECKED -											