



### SOIL BORING LOG

Page 1 of 3

Date 10/3/00

ROUTE FAP 310 DESCRIPTION US 67 over Brushy Fork Creek LOGGED BY M. Tappan

SECTION (6,81)RS-4.8 LOCATION SW 1/4, SEC. 16, TWP. 14 N, RNG. 10 W, 3 PM

COUNTY Morgan DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO.	None Assigned	D E P T H	B L O C K	U C S	M O I S T	Surface Water Elev.		D E P T H	B L O C K	U C S	M O I S T
						627.57 ft					
Station	253+52										
BORING NO.	2 NW Corner										
Station	253+27										
Offset	14.00ft Left										
Ground Surface Elev.	640.03 ft	(ft)	(/6")	(tsf)	(%)						
Grey and Brown Moist SILTY CLAY (FIH)											
Brown and Light Grey Moist SILTY CLAY (continued)						619.03					
Grey Medium Grained Dirty SAND Free Water											
Grey Medium Grained Dirty SAND to SAND LOAM											
Grey and Olive Brown Moist CLAY (TIH)						615.03	-25				
w/ 3" LOAM Seam											
Brown and Grey Moist SILTY CLAY LOAM						630.03	-10				
Grey											
Black Moist CLAY						624.53					
Brown and Light Grey Moist SILTY CLAY						622.03					

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)



### SOIL BORING LOG

Page 2 of 3

Date 10/3/00

ROUTE FAP 310 DESCRIPTION US 67 over Brushy Fork Creek LOGGED BY M. Tappan

SECTION (6,81)RS-4.8 LOCATION SW 1/4, SEC. 16, TWP. 14 N, RNG. 10 W, 3 PM

COUNTY Morgan DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO.	None Assigned	D E P T H	B L O C K	U C S	M O I S T	Surface Water Elev.		D E P T H	B L O C K	U C S	M O I S T
						627.57 ft					
Station	253+52										
BORING NO.	2 NW Corner										
Station	253+27										
Offset	14.00ft Left										
Ground Surface Elev.	640.03 ft	(ft)	(/6")	(tsf)	(%)						
Grey and Olive Brown Moist CLAY (TIH) (continued)											
Grey and Brown											
Grey Moist CLAY (TIH)						592.53					
Dark Grey Moist CLAY						572.53					
Light Blue Grey and Olive Brown Moist SHALEY CLAY w/ Brown and Grey Weathered SHALE Layer						567.53					
Olive Brown and Blue Grey Moist V. Weathered CLAYEY SHALE w/ Interbedded LIMESTONE Seams						565.03	-75				

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)



### SOIL BORING LOG

Page 3 of 3

Date 10/3/00

ROUTE FAP 310 DESCRIPTION US 67 over Brushy Fork Creek LOGGED BY M. Tappan

SECTION (6,81)RS-4.8 LOCATION SW 1/4, SEC. 16, TWP. 14 N, RNG. 10 W, 3 PM

COUNTY Morgan DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO.	None Assigned	D E P T H	B L O C K	U C S	M O I S T	Surface Water Elev.		D E P T H	B L O C K	U C S	M O I S T
						627.57 ft					
Station	253+52										
BORING NO.	2 NW Corner										
Station	253+27										
Offset	14.00ft Left										
Ground Surface Elev.	640.03 ft	(ft)	(/6")	(tsf)	(%)						
Olive Brown and Blue Grey Moist V. Weathered CLAYEY SHALE w/ Interbedded LIMESTONE Seams (continued)											
Dark Grey Poorly to Moderately Indurated CLAYEY SHALE Broken Sample											
Grey Crystalline LIMESTONE w/ Interbedded SHALE Seams						552.53					
Auger Refusal - Boring Completed						551.03	100	/2"			
Refer STA to cl of Existing Structure = 253+52 STA Increase to South											
Refer Elevation to BM#115 Chisled Square on East Headwall of Existing Structure BM # 115 = 634.53											

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)

ILLINOIS DEPARTMENT OF TRANSPORTATION	
BORING LOGS	
PROJECT US RTE. 67 OVER BRUSHY FORK CREEK FAP ROUTE 310, SECTION 81B-1 MORGAN COUNTY STATION 223+51.00 STRUCTURE NUMBER 069-2505	PROJECT NO. 03002 SCALE DATE 9/30/04 DRAWN BY TFG CHECKED BY CME/MCB DRAWING NO. 4
COOMBE-BLOXDORF P.C. Engineers / Land Surveyors Springfield, Illinois Design Firm License No. 184-002703	
OF 5 SHTS	