

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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SOIL BORING LOG

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

ROUTE FAP 752 (IL 185) DESCRIPTION Camp Creek LOGGED BY E. Sandschafer
SECTION (U-2BR1)B-1 LOCATION E 1/2, SEC. 15, TWP. 6 N, RNG. 1 E, 3 PM
COUNTY Fayette DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. 026-0058
Station 51+53
BORING NO. 2008-2
Station 49+69
Offset 9.006 ft
Ground Surface Elev. 477.79 ft

DEPTH (ft)	DRILLING METHOD	SOIL DESCRIPTION	BLOWS	REMARKS
0		9" asphalt on 9" concrete pavement		
478.29		Very stiff to stiff, damp, gray & red, CLAY.		
2	2.5 PP		17	
2	3.0 PP		16	
3	2.0 PP		19	
4	1.5 PP	Gray, SANDY LOAM	22	
4	1.2 B	Soft, very damp, gray, LOAM	19	
3	1.3 B		20	
2	1.2 B	Medium, wet, gray, fine grained, SAND w/ some sandstone fragments and small gravel.	19	
3	1.2 B		22	
4	1.2 B		22	
458.29				

Surface Water Elev. 462.47 ft
Stream Bed Elev. 461.43 ft
Groundwater Elev.:
First Encounter 448.0 ft
Upon Completion 467.2 ft
After 24 Hrs. 462.6 ft

The Unconfined Compressive Strength (UCS) 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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BORING NO. 2008-2
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Ground Surface Elev. 477.79 ft

DEPTH (ft)	DRILLING METHOD	SOIL DESCRIPTION	BLOWS	REMARKS
6	3.0 B	Medium, wet, gray, fine grained, SAND w/ some sandstone fragments and small gravel.	18	
9	3.3 B	Very stiff, damp, gray, CLAY TILL.	15	
433.29				
6	3.3 B	Very stiff, damp, gray, CLAY TILL.	13	
10	3.0 B		13	
408.29				
4	3.0 B	Medium, wet, dark gray, SAND.	13	
7	3.0 B		13	
11	3.0 B		13	
398.29				

Surface Water Elev. 462.47 ft
Stream Bed Elev. 461.43 ft
Groundwater Elev.:
First Encounter 448.0 ft
Upon Completion 467.2 ft
After 24 Hrs. 462.6 ft

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)

BORING LOGS
STRUCTURE NO. 026-0105

SHEET NO. 33	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	752	(U-2BR1)B-1	FAYETTE	71	55
38 SHEETS	CONTRACT NO. 74235				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT					
 OATES ASSOCIATES Consulting Engineers	Eastport Business Center 1 100 Lanter Court, Suite 1 Collinsville, Illinois 62234 618-345-2200 Design Firm License No. 184.001115				DESIGNED -
					CHECKED -
					DRAWN -
					CHECKED -

Notes:
① Boring No. 2008-2 continued on next sheet.