


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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**Illinois Department of Transportation**  
Division of Highways  
Illinois Department of Transportation

**SOIL BORING LOG**


ROUTE FAP 752 (IL 185) DESCRIPTION Camp Creek LOGGED BY Metheny  
SECTION (U-2BR1)B-1 LOCATION E 1/2, SEC. 15, TWP. 6 N, RNG. 1 E, 3 PM  
COUNTY Fayette DRILLING METHOD Solid stem auger and split spoon HAMMER TYPE Auto 140#  
Date 11/13/80

STRUCT. NO. 026-0059 Station 51+53  
BORING NO. 1980-4 Station 51+40  
Offset 23.50ft  
Ground Surface Elev. 472.30 ft (ft) (ft) (ft) (tsf) (%)

DEPTH (ft)	SOIL DESCRIPTION	U	M	QU	T	TSF	PL	LI	SH
0.6	Medium, wet, high plasticity, CLAY. (continued)	22							
5	Stiff, damp, CLAY w/ 1" thick sand lenses.	22							
7	Very stiff, very moist, CLAY.	17							
10	Soft, wet, high plasticity, CLAY.	17							
10	Stiff, damp, CLAY.	17							
14	Medium, wet, high plasticity, CLAY.	17							
18	Very soft, wet, high plasticity, CLAY.	32							

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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DEPTH (ft)	SOIL DESCRIPTION	U	M	QU	T	TSF	PL	LI	SH
17	Dense, wet, medium grained, SAND w/ small gravel. (continued)	17							
24	Very stiff, damp, CLAY TILL.	15							
28	Very dense, wet, medium grained, SAND w/ gravel.	14							
23	Very dense, damp to very damp, very fine grained, well cemented, SAND.	14							
25	Very stiff, high plasticity CLAY w/ sand lenses.	14							
28	Stiff, very damp, high plasticity, CLAY w/ very thin sand lenses.	14							
37	Dense, very damp, fine grained, SAND w/ large gravel.	17							
39	Very dense, wet, fine grained, SAND w/ small gravel.	17							
100	Very dense, very moist, mixture of very weathered SANDSTONE and very weathered, CLAY SHALE.	14							

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DEPTH (ft)	SOIL DESCRIPTION	U	M	QU	T	TSF	PL	LI	SH
9	Very dense, very moist, mixture of very weathered SANDSTONE and very weathered, CLAY SHALE. (continued)	13							
11	Hard, moist to very moist, weathered, CLAY SHALE.	11							
100	Extent of exploration.								

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**BORING LOGS**  
**STRUCTURE NO. 026-0105**

SHEET NO. 38	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	752	(U-2BR1)B-1	FAYETTE	71	60
38 SHEETS	CONTRACT NO. 74235			FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT	
 <p><b>OATES ASSOCIATES</b> Consulting Engineers Eastport Business Center 1 100 Lanter Court, Suite 1 Collinsville, Illinois 62234 618-345-2200 Design Firm License No. 184.001115</p>			DESIGNED -		
			CHECKED -		
			DRAWN -		
			CHECKED -		