STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOG

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

Page 1 of 3

Date 11/5/80

ROUTE FAP 752 (IL 185) DESCRIPTION Camp Creek LOGGED BY Metheney

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#

STRUCT. NO. 026-0059
Station 51+53

BORING NO. 1980 - 2
Station 49+73
Offset 21.40ft Rt
Ground Surface Elev. 464.60 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 456.6 ft
Upon Completion 454.6 ft
After 24 Hrs. 459.6 ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Medium, damp, CLAY.			6	0.6 E	18
Soft, very damp, CLAY. Slightly organic w/ roots and considerable sand content.	461.60	-5	4	0.5 S	26
Medium, very damp, high plasticity, CLAY.	456.60	-10	8	0.9 S	26
Stiff, damp, high plasticity, CLAY.	453.60		8	1.7 S	29
Medium, very damp to wet, high plasticity, CLAY.	452.60	-15	4	0.6 S	32
Soft, wet, CLAY. Considerable sand content.	449.60	-20	2	0.3 B	31
	444.60		2	0.3 B	31
Loose, wet, fine grained, SAND w/ small gravel.		-25	7		15
Medium, wet, fine grained, SAND w/ gravel.	438.60				
Loose, wet, fine grained, SAND w/ small gravel.	437.60	-30	14		19
Very stiff, damp, CLAY TILL.	433.60	-35	9	2.5 S	13
		-40	17	2.9 S	16
			17	2.2 S	15
			19	2.4 S	17

Latitude , Longitude , Map Datum

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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Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Very stiff, damp, CLAY TILL. *(continued)*			15	2.1 S	11
		-45	36	4.0 S	15
			22	2.5 S	15
Very dense, mixture of coarse SAND, GRAVEL and SANDSTONE fragments and some Clay.	416.10	-50	133		14
Very dense, wet, fine grained, SAND w/ small gravel.	415.10		60		18
Dense, wet, fine grained, SAND w/ gravel.	411.60	-55	33		21
Medium, wet, fine grained, SAND.	406.60		38		19
		-60	22		21
Medium, wet, fine grained, SAND. *(continued)*					
Medium, very damp to wet, well cemented, very fine grained, SAND.	401.60	-65	27		23
Medium, wet, fine grained, SAND w/ small gravel.	396.60	-70	20		18
Very dense, very moist to moist, CLAY SHALE.	389.10	-75	13		15
			100/2		9
		-80	100/3		7

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Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Very dense, very moist to moist, CLAY SHALE. *(continued)*	383.10				9
Extent of exploration.			100/7		
		-85			
		-90			
		-95			
		-100			

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BORING LOGS
STRUCTURE NO. 026-0105

SHEET NO. 36	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	752	(U-2BR1)B-1	FAYETTE	71	58
38 SHEETS			CONTRACT NO. 74235		
	FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

OATES ASSOCIATES
Consulting Engineers

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618-345-2200
Design Firm License No. 184.001115

DESIGNED -
CHECKED -
DRAWN -
CHECKED -