STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 3

Date 11/10/80

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 - 3
Station 52+02
Offset 29.00ft Lt
Ground Surface Elev. 472.40 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 449.4 ft
Upon Completion 459.4 ft
After 24 Hrs. 459.9 ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Medium, very moist, SILTY CLAY.					
			5	0.7 E	18
Stiff, moist to very moist, CLAY LOAM.	469.40				
		-5	12	1.5 E	13
Stiff, damp, CLAY.	465.40		7	1.0 E	15
Medium, damp, CLAY.	461.90	-10	8	1.3 S	24
			6	0.9 S	25
Stiff, damp, CLAY.	458.90	-15	7	1.4 S	22
			8	1.5 S	25
		-20	6	1.1 S	26
Stiff, damp, CLAY *(continued)*	451.90				
Soft, very damp, SANDY CLAY LOAM w/ thin sand lenses.	450.90				
Loose, wet, fine grained, SAND.			14	0.6	24
		-25	9		21
	444.40		10		18
Loose, wet, medium grained, SAND w/ small gravel.		-30	10		12
			10		12
	437.40	-35			
Loose, wet, fine grained, SAND.			10		18
		-40			

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)

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 2 of 3

Date 11/10/80

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 - 3
Station 52+02
Offset 29.00ft Lt
Ground Surface Elev. 472.40 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 449.4 ft
Upon Completion 459.4 ft
After 24 Hrs. 459.9 ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Loose, wet, fine grained, SAND. *(continued)*	431.90				
Medium, wet, fine grained, SAND.			18		19
	428.40				
Stiff, damp, CLAY TILL.		-45	16	1.8 E	67
Very stiff, damp, CLAY TILL.	426.90				
			25	2.1 S	14
		-50	28	2.3 S	14
Medium, wet, fine grained, SAND.	421.40				
		-55	30		15
Very stiff, damp, mixture of coarse SAND, GRAVEL and CLAY.	416.40		38	3.2 E	11
Dense, wet, fine grained, SAND w/ small gravel.	414.40	-60	46		17
Very dense, wet, fine grained, SAND w/ small gravel.	411.90				
			109		16
Hard, very moist to damp, CLAY to SANDY CLAY.	408.90	-65	34	5.1 S	20
Very stiff, damp to very damp, SANDY CLAY LOAM w/ very thin sand lenses.	405.40		32	5.3 S	14
		-70	32	2.7 S	20
Very stiff, damp, very fine grained, well cemented, SANDY LOAM to SAND.	400.40		40	2.9 S	17
		-75	42	2.1 S	18
Stiff, damp, SANDY CLAY LOAM.	395.40		38	2.0 S	18
	392.90	-80	50	1.5 S	19

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)

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 3 of 3

Date 11/10/80

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 - 3
Station 52+02
Offset 29.00ft Lt
Ground Surface Elev. 472.40 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 449.4 ft
Upon Completion 459.4 ft
After 24 Hrs. 459.9 ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Very dense, very moist to moist, weathered, CLAY SHALE. *(continued)*					
			120		13
		-85	120		13
Very dense, CLAY SHALE.	368.40				
Extent of exploration.	385.90		100/4"		10
		-90			
		-95			
		-100			

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)

BORING LOGS
STRUCTURE NO. 026-0105

SHEET NO. 37	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
38 SHEETS	752	(U-2BR1)B-1	FAYETTE	71	59
			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 -