

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SOIL BORING LOG

Page 1 of 1

Date 8/26/08

ROUTE FAP 750 (IL 185) DESCRIPTION East Fork of Kaskaskia River LOGGED BY E. Sandschafer
SECTION 114B-1(1) LOCATION SW 1/4, SEC. 30, TWP. 5 N, RNG. 4 E, 3 PM
COUNTY Fayette DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. Station	BORING NO. Station Offset	Ground Surface Elev.	DEPTWHS Qu T				Surface Water Elev.	Stream Bed Elev.	DEPTWHS Qu T										
			(ft)	(/6")	(tsf)	(%)			(ft)	(/6")	(tsf)	(%)							
026-0070 940+00	1 939+58 7.00 ft Rt	573.69					565.67 564.98												
6" asphalt on 9" concrete pavement.			572.49																
Medium, damp, gray, SILTY CLAY.				3															
No recovery this trip - concrete chunk in sampler shoe.				3				551.19		8									
				3					15	8.7									
				3					20	BS									
				2					10										
				3	0.8	24			14	9.1									
				4	B				18	S									
Stiff, damp, gray, CLAY TILL.			566.69					547.69											
				2															
				4	1.9	20													
				5	B														
Medium, damp, gray mottled red, CLAY LOAM TILL.			564.19																
				2															
				3	0.8	22													
				3	B														
Very stiff, damp, red, SILTY CLAY LOAM TILL.			561.69																
				2															
				4	2.1	16													
				5	B														
				9															
				18	6.4	11													
				32	S														
Hard, damp, red, SILTY LOAM TILL.			556.69																
				5															
				13	4.4	11													
				20	S														
				9															
			553.69																
				9															

Latitude W 88 deg 47.871 min, Longitude N 38 deg 50.776 min, Map Datum WGS 84

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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			(ft)	(/6")	(tsf)	(%)			(ft)	(/6")	(tsf)	(%)							
026-0070 940+00	2 940+43 13.50 ft Lt	573.46					565.67 564.98												
6" Mixture of aggregate and millings.			572.96																
Gray, SANDY CLAY LOAM.																			
			571.46																
Stiff, damp, light gray mottled red, CLAY LOAM.				3															
				3	1.5	15													
				5	PP														
				4															
Medium, damp, gray mottled red, SANDY LOAM.			568.96																
				4	0.9	19													
				4	S														
				4															
Medium, damp, gray, CLAY.			566.46																
				2															
				3	0.8	24													
				4	B														
Medium, damp, gray/red/blue, SILTY CLAY.			563.46																
				2	0.6	25													
				3	B														
				3															
Medium, damp, red marbled gray, LOAM.			561.46																
				1															
				2	0.6	23													
				3	B														
				4															
Stiff to very stiff, very moist, red, SILT.			558.46																
				6	2.0	25													
				9	S														
				6															
Very stiff, damp, gray, SILTY CLAY.			556.46																
				11	2.4	19													
				15	BS														
				6															
				11	2.4	19													
				15	BS														
				5															
			553.46																
				9															

Latitude W 88 deg 47.866 min, Longitude N 38 deg 50.762 min, Map Datum WGS 84

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)

DESIGNED	SCD
CHECKED	DRB
DRAWN	THW
CHECKED	-

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SOIL BORINGS
S.N. 026-2020

SHEET NO. 9	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
OF 9 SHEETS	*	114B-1(1) & 114B-1(2)	FAYETTE	54	27
		* F.A.P. RTE. 750, F.A.S. RTE. 719	CONTRACT NO. 74110		
		FED. ROAD DIST. NO. -	ILLINOIS FED. AID PROJECT		