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Date 10/16/14

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

ROUTE FAP 749 (IL 133) DESCRIPTION Embarras River LOGGED BY G. Benson

SECTION (122BR)B-1 LOCATION W 12 - Sec 14, E 12 - Sec 15, SEC., TWP. 14 N, RNG. 10 E, 3 PM

COUNTY Coles DRILLING METHOD _____ HAMMER TYPE _____

STRUCT. NO. 015-0030
Station 713+10

BORING NO. 1 (1961)
Station 713+28
Offset 15.0ft Rt
Ground Surface Elev. 600.10 ft (ft) .6" (tsf) (%)

SOIL DESCRIPTION	DEPTH (ft)	B	L	U	M	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elev. (ft)	First Encounter (ft)	Upon Completion (ft)	After (ft)	Hrs.
Loose, black, organic, SILTY LOAM topsoil.	0											
	588.10											
Loose, gray, SAND mixed with CLAY.												
	593.10											
Medium, gray, CLAYEY SAND and small sub-angular poorly graded Gravel.												
	590.60											
Hard, gray-green, SANDY SHALE.												
	-10											
	-15											
	-20											
	-25											
	-30											
	-35											
	-40											

Hard, gray-green, SANDY SHALE. (continued)

Extent of exploration. 577.10

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, form 137 (Rev. 8-99)

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SECTION (122BR)B-1 LOCATION W 12 - Sec 14, E 12 - Sec 15, SEC., TWP. 14 N, RNG. 10 E, 3 PM

COUNTY Coles DRILLING METHOD _____ HAMMER TYPE _____

STRUCT. NO. 015-0030
Station 713+10

BORING NO. 2 (1961)
Station 713+77
Offset 18.0ft Rt
Ground Surface Elev. 600.80 ft (ft) .6" (tsf) (%)

SOIL DESCRIPTION	DEPTH (ft)	B	L	U	M	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elev. (ft)	First Encounter (ft)	Upon Completion (ft)	After (ft)	Hrs.
Soft, brown, SANDY CLAY.	0											
	596.80											
Very loose, mottled gray, SAND.												
	593.80											
Medium, gray, SAND and GRAVEL.												
	589.80											
Hard, gray-green, SANDY SHALE.												
	-10											
	-15											
	-20											
	-25											
	-30											
	-35											
	-40											

Hard, gray-green, SANDY SHALE. (continued)

Extent of exploration. 567.80

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, form 137 (Rev. 8-99)

DESIGNED -	EXAMINED -	DATE -	OCTOBER 16, 2014	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORING LOGS STRUCTURE NO. 015-0076	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
CHECKED -	PASSED -	REVISED				749	(122BR)B-1	COLES	60	43	
DRAWN -		REVISED				CONTRACT NO. 74350					
CHECKED -						SHEET NO. 26 OF 31 SHEETS					

ILLINOIS FED. AID PROJECT