

Illinois Department of Transportation
Division of Highways

SOIL BORING LOG

Page 1 of 3
Date 6/17/02

ROUTE FAP 774 (IL 33) DESCRIPTION Little Wabash River LOGGED BY E. Sandschaefer

SECTION 107WRS-1 LOCATION NE 1/4, SEC. 13, TWP. 8 N, RNG. 5 E, 3 PM

COUNTY Effingham DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Automatic

STRUCT. NO. Station	D E P T H	B L O C K S	U C I S T	Surface Water Elev. Stream Bed Elev.	ft	D E L T A	B L O C K S	U C I S T	M O D U L I T Y
025-0078 1011+47.58				531.99 529.70					
1 of 2 (Pier #1) 1010+91	1	3.0	12	512.7					
39.008 LL Ground Surface Elev. 527.70	ft	(ft)	(tsf)						
Bricwn, SANDY CLAY w/ few roots. 75% passing #200 sieve.									
Very stiff, very moist, brown, SANDY LOAM w/ few roots and pebbles.									
Still damp, gray w/ red layers, CLAY w/ some wood chunks.									
Soft, very damp, brown mottled gray, LOAM. Sample swelled.									
Very soft, very damp, gray, SILT w/ few roots and orginics. Sample swelled.									
Brown, fine, SAND. 78% passing #200 sieve.									
Very soft, very damp, gray, SILT w/ few roots and orginics. Sample swelled.									
Loose, wet, brown w/ gray layers, fine, SAND. 17% passing #200 sieve.									
Very loose, wet, gray, fine, SAND. 21% passing #200 sieve.									

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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ROCK CORE LOG

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SECTION 107WRS-1 LOCATION NE 1/4, SEC. 13, TWP. 8 N, RNG. 5 E, 3 PM

COUNTY Effingham CORING METHOD Rotary, diamond surf set bit

STRUCT. NO. Station	CORING BARREL TYPE & SIZE	Core Diameter Top of Rock Elev. Begin Core Elev.	ft ft ft	D E P T H	R E C O R D	C O R E	S T R E N G T H
025-0078 1011+47.58	NW, conv dbl bbl split inner	2.06 in 502.80 ft 502.80 ft			66	20	
Slightly weathered, gray w/ thin black layers, sospy, SANDY CLAY SHALE.							
Gray, SANDSTONE.							
Gray w/ thin black layers, sospy, SANDY CLAY SHALE.							
Gray, CLAY SHALE.							

Color pictures of the cores _____
Cores will be stored for examination until _____
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)

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STRUCT. NO. Station	CORING BARREL TYPE & SIZE	Core Diameter Top of Rock Elev. Begin Core Elev.	ft ft ft	D E P T H	R E C O R D	C O R E	S T R E N G T H
025-0078 1011+47.58	NW, conv dbl bbl split inner	2.06 in 502.80 ft 502.80 ft			100	63	
Slightly weathered, gray, sospy, SANDY CLAY SHALE.							
Extent of exploration. 477.80							
Benchmark = 543.64' Chiseled square, West abut, NW wingwall of structure number 025-0078							
Provided by Program Development, design survey.							

Color pictures of the cores _____
Cores will be stored for examination until _____
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)

SHEET TITLE
BORING LOGS

PROJECT NO. 02017
IL RTE. 32/33 OVER LITTLE WABASH RIVER
F.A.P. RTE. 774 SECTION 107BY
EFFINGHAM COUNTY
STATION 1011+50.17
STRUCTURE NO. 025-0078

DATE
DRAWN BY CFC
CHECKED BY GJB/MCB
DRAWING NO.

COOMBE-BLOXDORF P.C.
Engineers / Land Surveyors
Springfield, Illinois
Design Firm License No. 184-002703

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OF 29 SHTS