



SOIL BORING LOG

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

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	BORING NO.	Offset	Ground Surface Elev.	Description	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.	First Encounter	Upon Completion	After N/A Hrs.	D	B	U	M
025-0078	1011+47.58	2 of 2 (Pier #2)	38.00ft	528.15	Brown, SANDY LOAM.	1	0.6	23		531.99		507.65				1	0.6	23	
					28% passing #200 sieve.														
					Medium, damp, gray, SILT w/ some black specks.														
					Very soft, very damp, gray, SANDY LOAM.														
					Very stiff, damp, brown, SANDY CLAY w/ few organics.														
					Soft to medium, damp, brown, SANDY LOAM w/ few black specks.														
					Hard, moist, gray, SANDY CLAY SHALE														
					Very dense, moist, gray, SANDY CLAY SHALE														
					Loose, very damp to wet, brown, fine, SAND w/ some sandy loam layering. 23% passing #200 sieve.														
					32% passing #200 sieve.														
					23% passing #200 sieve.														
					Very loose, wet, gray, medium to fine grained, SAND. 14% passing #200 sieve.														
					43% passing #200 sieve.														

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Panstronator)
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)



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	BORING NO.	Offset	Ground Surface Elev.	Description	D	B	U	M	CORING BARREL TYPE & SIZE	Top of Rock Elev.	Begin Core Elev.	D	C	R	R	C	S
025-0078	1011+47.58	2 of 2 (Pier #2)	38.00ft	528.15	Slightly weathered, gray w/ thin black layers, SANDY CLAY SHALE	1	0.6	23		NW, conv dnt bbl split inner	501.35	501.35	48	42				
					Gray marbled whitened, SANDSTONE						490.65							
					Slightly weathered, gray, soapy, CLAY SHALE						489.15							
													92	65				

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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COUNTY Effingham CORING METHOD Rotary, diamond surf set bit

STRUCT. NO.	STATION	BORING NO.	Offset	Ground Surface Elev.	Description	D	B	U	M	CORING BARREL TYPE & SIZE	Top of Rock Elev.	Begin Core Elev.	D	C	R	R	C	S
025-0078	1011+47.58	2 of 2 (Pier #2)	38.00ft	528.15	Slightly weathered, gray, soapy, CLAY SHALE. (continued)					NW, conv dnt bbl split inner	501.35	501.35	100	60				
					Extent of exploration.													
					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)

12/22/2003
-Jerrisa

SHEET TITLE		BORING LOGS	
PROJECT	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	PROJECT NO.	02017
SCALE		DATE	
DRAWN BY	CFC	CHECKED BY	GJB/MCB
COOMBE-BLOXDORF P.C. Engineers / Land Surveyors Springfield, Illinois Design Firm License No. 184-002703		DRAWING NO.	28
		OF 29 SHTS	