



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.	STATION	OFFSET	GROUND SURFACE ELEV.	SOIL TESTS				DEPTH (ft)	DESCRIPTION	SPT (blows)	REMARKS
						Blows	Penetration (lb/in)	Penetration (lb/in)	Penetration (lb/in)				
025-0078	1011+47.58	2 of 2 (Pier #2)	1012+32	36.00ft RL	528.15								
Brown, SANDY LOAM.													
						1	0.8			1	0.8	29	
						7	2.4			8	0.1	23	
						2	0.5			1	0.5	22	
						1	0.3			1	0.3	25	
						3				3		20	
						3				3		22	
						0				0		10	
						1				1		23	
						1				1		23	

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)



ROCK CORE 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 CORING METHOD Rotary diamond surf set bit

STRUCT. NO.	STATION	BORING NO.	STATION	OFFSET	GROUND SURFACE ELEV.	CORING BARREL TYPE & SIZE		DEPTH (ft)	RECOVERY (%)	CORRECTION (%)	CORE LENGTH (ft)	REMARKS
						Core Diameter	Core Length					
025-0078	1011+47.58	2 of 2 (Pier #2)	1012+32	36.00ft RL	528.15	NW, conv dbt bbl, split inner	2.06 in	48	42		48	Slightly weathered, gray w/ thin black layers, SANDY CLAY SHALE.
								100	100		100	Gray marbled whitened, SANDSTONE.
								100	93		93	Slightly weathered, gray, soapy, CLAY SHALE.
								92	65		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.	STATION	OFFSET	GROUND SURFACE ELEV.	CORING BARREL TYPE & SIZE		DEPTH (ft)	RECOVERY (%)	CORRECTION (%)	CORE LENGTH (ft)	REMARKS
						Core Diameter	Core Length					
025-0078	1011+47.58	2 of 2 (Pier #2)	1012+32	36.00ft RL	528.15	NW, conv dbt bbl, split inner	2.06 in	100	60		60	Slightly weathered, gray, soapy, CLAY SHALE. (continued)
								476.25				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)

SHEET TITLE BORING LOGS		PROJECT NO. 02D17
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		DATE CFC
DRAWN BY CJB/MSB		CHECKED BY CFC
DRAWING NO.		28
COOMBE-BLOXDORF P.C. Engineers / Land Surveyors Springfield, Illinois Design Firm License No. 184-002703		OF 29 SHTS