


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

ROCK CORE LOG

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Date 9/14/07

ROUTE FAI 70 (I-70) DESCRIPTION Little Wabash River LOGGED BY E. Sandbacher

SECTION 25-3 LOCATION NW 14, SEC. 1, TWP. 7 N, RNG. 5 E, S. 3 PM

COUNTY Effingham CORING METHOD Rotary, surf set diamond bit

STRUCT. NO. Station	CORING BARREL TYPE & SIZE	NW, core dbi hbl, split inner	D E P T H (ft)	C O R E Y (#)	R E C O V E R Y (%)	R E C O V E R Y (%)	C O R E D I A M E T E R (in)	S T R E N G T H (tsf)
025-00090010 2003+70							2.06 435.65 435.15	
BORING NO. <u>6 E Abut</u> Station <u>2006+04</u> Offset <u>6.00ft Rt</u> Ground Surface Elev. <u>525.15</u> ft								
Gray, SANDY CLAY SHALE Rock core B6C1 from 91.0' to 91.5' depth = 103.2 tsf Qu.			435.15		94	90	0.8	
No Recovery. Gray, SANDY CLAY SHALE Rock core B6C2 from 96.0' to 96.5' depth = 108.6 tsf Qu.			430.45 430.15		99	99	0.9	
Extent of exploration. Benchmark: BM 551 Chiseled Square on top of sloped wall in median, on East side of Little Wabash River, Station 2005+75 L+ 25.7' = 521.58' elevation. Provided by Program Development.			428.15					

Color pictures of the cores Available on request
Cores will be stored for examination until 9/14/08
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)

FBS, form 138 (Rev. 8-90)

DESIGNED
CHECKED
DRAWN <u>W.J.S.</u>
CHECKED <u>C.J.F. & B.B.</u>

BORING LOGS
S.N. 025-0107 & 025-0108



**BERNARDIN
LOCHMUELLER &
ASSOCIATES, INC.**

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Maryville, IL 62962-5635
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SHEET NO. 58	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	70	(25-3)B	EFFINGHAM	1416	90
58 SHEETS	SN 025-0107 & 025-0108		CONTRACT NO. 74296		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT 70					