



SOIL BORING LOG

Page 1 of 1
Date 6/7/99

ROUTE FAP 510 (IL 96) DESCRIPTION IL 96 Proposed Slope Repair LOGGED BY M. Tappan
SECTION 120 (I-6) LOCATION W 1/2, SEC. 31, TWP. 6 N, RNG. 8 W, 4 PM
COUNTY Hancock DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO. Station	DEPTH TWT H S	BULGE LOCS	UNIFORMITY S Q	MOISTURE T	Surface Water Elev.		Groundwater Elev.	
					ft	N/A	ft	N/A
1	810+35							
	14,00R Right							
	Ground Surface Elev.	591.5	ft	(R)	#6"	(taf)	(%)	
Gray Moist Rock Fill w/ Limestone Cobbles and Boulders 4 6 10 2 3 525.50 2 3 584.00 41 Borehole continued with rock coring. -10 -15 -20								

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 T205)
BBS, form 137 (Rev. 8-99)

SOIL BORING: IL 36 WALL BY CIV DOT/EMPL 11 NOT BORER. SCALE: UNKNOWN



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SECTION 120 (I-6) LOCATION W 1/2, SEC. 31, TWP. 6 N, RNG. 8 W, 4 PM
COUNTY Hancock CORING METHOD Christensen NXB w/ Water

STRUCT. NO. Station	CORING BARREL TYPE & SIZE	CORE DIAMETER	CORING METHOD	CORING RATE		RECOVERY (%)	CORRECTION (%)	CORE LENGTH (min/ft)	STRENGTH (tsf)
				(ft)	(#)				
1	NXB	1.875 in							
810+35		576.50 ft							
		Begin Core Elev.							
		14,00R Right							
		Ground Surface Elev.							
		591.5							
Light Grey Well Indurated Crystalline LIMESTONE w/ Thin Chert Seams Likely Not In Place Tan and Tannish Grey V. Weathered V. Poorly Indurated Clayey SHALE 584.00 1 10 10 569.45 -10 -15 2 25 0 -15 3 73 58 -20 4 81 71 588.90 -25 Dark Grey Well Indurated Clayey SHALE 564.80 -25 Dark Grey V. Well Indurated Clayey SHALE 5 08 96									

Color pictures of the cores Y
Cores will be stored for examination until
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)
BBS, form 138 (Rev. 8-99)

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1	NXB	1.875 in							
810+35		576.50 ft							
		Begin Core Elev.							
		14,00R Right							
		Ground Surface Elev.							
		591.5							
Dark Grey V. Well Indurated Clayey SHALE (continued) -30 961.00 V. Light Brownish Grey Moderately Indurated Argillaceous LIMESTONE 560.00 Boring Complete Note - No Water Return During Rock Core Run Station, Elevation updated 08/20/04 MRM -35 -40 -45									

Color pictures of the cores Y
Cores will be stored for examination until
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)
BBS, form 138 (Rev. 8-99)

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REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
SCALE: VERT. _____		DRAWN BY IDOT
HORIZ. _____		
DATE _____		CHECKED BY _____

**SOIL BORINGS
SHEET 1 OF 3**