



### ROCK CORE LOG

Page 1 of 3  
Date 1/25/04

ROUTE FAP 302 (IL 336) DESCRIPTION IL 336 Retaining Wall at the Lemons River LOGGED BY M. Tappan

SECTION 34-5 LOCATION SW 1/4, SEC. 16, TWP. 6 N, RNG. 6 W, 4 PM

COUNTY Hancock CORING METHOD Christmas NXE Wireline w/Water

STRUCT. NO. 034-2514 CORING BARREL TYPE & SIZE NXE  
Station 1298+25

BORING NO. 83 Core Diameter 1.50 in  
Station 1298+50 Top of Rock Elev. 540.80 ft  
Begin Core Elev. 535.80 ft  
Offset 5.00 ft  
Ground Surface Elev. 540.8 ft

DEPTH (ft)	ROCK TYPE	CORE TYPE	STRENGTH (psi)
1	Grey V. Broken Crystalline LIMESTONE	801	
2	Grey Well Indurated Crystalline LIMESTONE w/Brown Weathered SHALE Stems at 1.5' - 2.1'		
3	Greyish Tan V. Weathered Clayey SHALE w/interbedded Argillaceous LIMESTONE Stems		
4	Grey Well Indurated Fossiliferous LIMESTONE		
5	Tan V. Finely Indurated V. Fractured Argillaceous LIMESTONE		
6	Tanish Grey Fine To Moderately Indurated Argillaceous LIMESTONE (Broken in 1"-2" Pieces)		
7	Grey Well Indurated Fossiliferous LIMESTONE w/Argillaceous LIMESTONE and Clayey SHALE Stems		
8			
9			

Color pictures of the cores On Request  
Cores will be stored for examination until 5 Years after Construction  
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-398)

HSS, form 138 (Rev. 6-99)



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DEPTH (ft)	ROCK TYPE	CORE TYPE	STRENGTH (psi)
10	Grey Well Indurated Fossiliferous LIMESTONE w/Argillaceous LIMESTONE and Clayey SHALE Stems (continued)		
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			

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DEPTH (ft)	ROCK TYPE	CORE TYPE	STRENGTH (psi)
21	Grey Well Indurated Fossiliferous LIMESTONE w/Argillaceous LIMESTONE and Clayey SHALE Stems (continued)		
22			
23			
24			
25			
26			
27			
28			
29			
30			

Color pictures of the cores On Request  
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The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-398)

HSS, form 138 (Rev. 6-99)

ILLINOIS DEPARTMENT OF TRANSPORTATION	
SHEET TITLE STRUCTURE NUMBER 034-2514 STRUCTURE NUMBER 034-2514	
PROJECT FAP ROUTE 315 (IL 336/US 136) SECTION 34-5(5B) HANCOCK COUNTY STA. 1293+50.00(R) TO STA. 1297+00.00(R) STRUCTURE NUMBER 034-2521	PROJECT NO. 02076-R SCALE 9450 DATE 12/22/05 DRAWN BY TFG CHECKED BY BD/MCB DRAWING NO. 10
COOMBE-BLOXDORF P.C. Engineers / Land Surveyors Springfield, Illinois Design Firm License No. 184-002703	
OF 18 SHTS	