

**ROCK CORE LOG**

Page 1 of 1  
Date 12/04

ROUTE FAP 308 (IL 336) DESCRIPTION IL 336 Retaining Wall at the Lemont River LOGGED BY M. Tuppen

SECTION 34-5 LOCATION SW 14, SEC. 16, TWP. 5 N, RNG. 6 W, 4 PM

COUNTY Hancock CORING METHOD Christensen NCB Wireline w/Water

STRUCT. NO. 034-2514	CORING BARREL TYPE & SIZE NCB	D	C	CORE	S
Station 1296+25		R	O	T	T
		E	Q	I	R
		R	E	M	N
		T	X	E	G
		H	E	D	E
		Y	.	X	T
					H

BOHRING NO. 84

Station 1296+25

Other 10.00 ft

Ground Surface Elev. 540.0 ft

Core Diameter 1.00 in

Top of Rock Elev. 539.90 ft

Begin Core Elev. 539.90 ft

Dark Gray to Gray Moderately Indurated Fossiliferous LIMESTONE w/interbedded Argillaceous LIMESTONE and Clayey SHALE seams (sometimes)

497.70

48

46

44

42

40

38

36

34

32

30

28

26

24

22

20

18

16

14

12

10

8

6

4

2

0

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-588)

ISB, form 136 (Rev. 8-89)

**SOIL BORING LOG**

Page 1 of 1  
Date 12/04

ROUTE FAP 308 (IL 336) DESCRIPTION IL 336 Retaining Wall at the Lemont River LOGGED BY M. Tuppen

SECTION 34-5 LOCATION SW 14, SEC. 16, TWP. 5 N, RNG. 6 W, 4 PM

COUNTY Hancock DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. 034-2514	D	B	U	M	Surface Water Elev.	540.0	ft
Station 1296+25	B	L	O	S	Stream Bed Elev.	No Data	ft
	P	O	S				
	T	W	S		Groundwater Elev.		
	H	S	Q	T	✓ First Encounter	No Hammer	ft
					✓ Upon Completion	Crud	ft
					✓ Other	Plugged	ft

BOHRING NO. 85

Station 1296+25

Other 5.00 ft

Ground Surface Elev. 540.0 ft

Grayish Brown Moist V. Weathered Clayey SHALE

Auger Refused at 1.5' - Begin Soil Core

Borehole continued with rock coring.

541.00

48

46

44

42

40

38

36

34

32

30

28

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16

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The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Beige, S-Steel, P-Pneumatic, E-Estimate)

Abbreviations W.O.H. - Sampler Advanced by Weight of Hammer, W.O.F. - Advanced by Weight of Pipe, B.S. - Before Sealing

The SPT (N value) is the sum of the last two blow values in each sampling zone (ASHTO 7060) ISB, form 137 (Rev. 8-89)

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SECTION 34-5 LOCATION SW 14, SEC. 16, TWP. 5 N, RNG. 6 W, 4 PM

COUNTY Hancock CORING METHOD Christensen NCB Wireline w/Water

STRUCT. NO. 034-2514	D	C	CORE	S
Station 1296+25	R	O	T	T
	E	Q	I	R
	R	E	M	N
	T	X	E	G
	H	E	D	E
	Y	.	X	T
				H

BOHRING NO. 85

Station 1296+25

Other 5.00 ft

Ground Surface Elev. 540.0 ft

Core Diameter 1.00 in

Top of Rock Elev. 541.00 ft

Begin Core Elev. 541.00 ft

Gray Poorly to Moderately Indurated Crystalline LIMESTONE w/interbedded 1/2"-2" Beams of Very Weathered Argillaceous LIMESTONE

541.00

539.00

48

46

44

42

40

38

36

34

32

30

28

26

24

22

20

18

16

14

12

10

8

6

4

2

0

Gray Poorly to Moderately Indurated Fossiliferous Crystalline LIMESTONE w/interbedded Argillaceous LIMESTONE and Clayey SHALE Beams

539.00

48

46

44

42

40

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36

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0

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-588)

ISB, form 136 (Rev. 8-89)

ILLINOIS DEPARTMENT OF TRANSPORTATION

SHEET TITLE

STRUCTURE NUMBER 037-0069  
DRAWING NUMBER 037-0069

PROJECT	FAP ROUTE 315 (IL 336/US 136)	PROJECT NO.	02076-R
	SECTION 34-5(5B)	SCALE	9450
	HANCOCK COUNTY	DATE	12/22/05
	STA. 1293+50.00(R) TO STA. 1297+00.00(R)	DRAWN BY	TFG
	STRUCTURE NUMBER 034-2521	CHECKED BY	BD/MCB

**COOMBE-BLOXDORF P.C.**

Engineers / Land Surveyors  
Springfield, Illinois  
Design Firm License No. 184-002703

16  
OF 18 SHTS

5/14/2006  
#F:\LEABBREV#