ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 315	34-6, 55-1	HANCOCK	433	234
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT -		

SHEET NO. 36

36 SHEETS

Contract #68206

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 2

Date 2/1800

ROUTE IL 336 DESCRIPTION Proposed IL 336 over E. Fork of Lamoine R. LOGGED BY D. ANDERSON

SECTION 24, 31, 32 LOCATION , SEC. , TWP. , RNG.

COUNTY McDon. & Hancock DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO.
Station

BORING NO. BB-61 E Abut, EBL
Station 1433+35
Offset 58.10ft RT
Ground Surface Elev. 529.90 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 516.8 ft ▼
Upon Completion 520.1 ft ▽
After 24 Hrs. 520.4 ft ▼

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
528.90			
	2		25.0
	3	1.1	18.0
	5		
526.90			
	0		
	1	0.6	28.0
-5	1		
	1		
	1	0.7	30.0
	1		
521.90			
	1	0.9	34.0
520.40 ▽	1		
-10	1		22.0
518.40	2		20.0
	0	1.0	24.0
	2		
▼			
	0		
	2	1.1	20.0
-15	3		
514.40			
	0		28.0
512.90	2		
	5		18.0
	2		
	5		20.0
-20	7		

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
509.40			
	5		
	10		9.0
	14		
	5		
	10		8.0
-25	13		
	28		
502.90	86		7.0
	100@1"		4.0
-30			
-35			
-40			

Borehole continued with rock coring.

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)

Illinois Department of Transportation
Division of Highways
IDOT

ROCK CORE LOG

Page 2 of 2

Date 2/1800

ROUTE IL 336 DESCRIPTION Proposed IL 336 over E. Fork of Lamoine R. LOGGED BY D. ANDERSON

SECTION 24, 31, 32 LOCATION , SEC. , TWP. , RNG.

COUNTY McDon. & Hancock CORING METHOD

STRUCT. NO.
Station

BORING NO. BB-61 E Abut, EBL
Station 1433+35
Offset 58.10ft RT
Ground Surface Elev. 529.90 ft

CORING BARREL TYPE & SIZE NX
Core Diameter in
Top of Rock Elev. 502.90 ft
Begin Core Elev. 502.90 ft

DEPTH (ft)	CORE (#)	RECOVERY (%)	RQD (%)	CORE TIME (min/ft)	STRENGTH (tsf)
GR LIMESTONE 502.90		86	45		
-30					
-35					
491.90					
End of Boring					
-40					
-45					

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)

BBS, form 138 (Rev. 8-99)

DESIGNED	KLH
CHECKED	EMI
DRAWN	KBF
CHECKED	KPH

HORNER & SHIFRIN, INC.
ENGINEERS ■ ARCHITECTS ■ PLANNERS

BORING LOGS
ILLINOIS ROUTE 336 OVER
EAST FORK OF THE LAMOINE RIVER
F.A.P. ROUTE 315 - SECTION 34-6, 55-1
HANCOCK COUNTY; STA. 1432+02.61
STRUCTURE NO. 034-0511 (E.B.)
STRUCTURE NO. 034-0512 (W.B.)