STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 315	34-6, 55-1	HANCOCK	433	231
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 33
36 SHEETS

Contract #68206

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 2

Date 2/2/00

ROUTE IL 336 DESCRIPTION Proposed IL 336 over E. Fork of Lamoine R. LOGGED BY C. WHITEMAN

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

COUNTY McDon. & Hancock DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO.
Station

BORING NO. BB-57 W Abut, EBL
Station 1430+97
Offset 48.20ft RT
Ground Surface Elev. 541.30 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 520.3 ft
Upon Completion 529.2 ft
After 72 Hrs. 530.1 ft

Description	Elev.	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
PAVEMENT MATERIALS 102mm Asphalt, 254mm PCC	540.10				3.0
FILL: BR SILTY CLAY LOAM, A-6			2 2 2	1.5	19.0
			4 12 19		8.0
		-5			
			9 7 3	1.0	25.0
DK BR, RD BR & GR SILTY LOAM, A-4	533.20 / 532.20		1	0.7	28.0
BR, RD BR & GR SILTY CLAY LOAM, A-6		-10	2 2	1.0	22.0
BR, RD BR & GR SILTY LOAM, A-6	530.80		3		
			4 6	1.9	23.0
			2		
		-15	4 8	2.7	25.0
BR & RD BR SILTY CLAY LOAM, A-6	525.80		2		
			2 4	1.5	21.0
			6		
		-20	3 6	2.3	22.0

Description	Elev.	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
	520.80				
Borehole continued with rock coring.					
		-25			
		-30			
		-35			
		-40			

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 2/2/00

ROUTE IL 336 DESCRIPTION Proposed IL 336 over E. Fork of Lamoine R. LOGGED BY C. WHITEMAN

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

COUNTY McDon. & Hancock CORING METHOD

STRUCT. NO.
Station

BORING NO. BB-57 W Abut, EBL
Station 1430+97
Offset 48.20ft RT
Ground Surface Elev. 541.30 ft

CORING BARREL TYPE & SIZE NX
Core Diameter in
Top of Rock Elev. 520.80 ft
Begin Core Elev. 520.80 ft

Description	Elev.	DEPTH (ft)	CORE (#)	RECOVERY (%)	RQD (%)	CORE TIME (min/ft)	STRENGTH (tsf)
GR LIMESTONE	520.80			68	27		
		-25					
		-30					
	510.30						
End of Boring							
		-35					
		-40					

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)

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 1

Date 2/2/00

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-64 W Pier
Station 1431+38
Offset 2.30ft LT
Ground Surface Elev. 526.80 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 503.9 ft
Upon Completion 515.3 ft
After 24 Hrs. 520.3 ft

Description	Elev.	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
TOPSOIL FILL: DK BR SANDY LOAM, A-2-4 W/ROOTS & FIBERS	527.80				24.0
FILL: BR SANDY LOAM, A-2-4 W/ LIMESTONE FRAGMENTS			1 2 5		20.0
FILL: DK BR & RD BR SILTY CLAY LOAM, A-7-6 W/LIMESTONE FRAGMENTS	525.80 / 524.80		2 5 6	2.0	14.0 / 22.0
BR & GR CLAY LOAM, A-6 W/SAND, A-3 SEAMS		-5			
DK BR SILTY LOAM, A-6	523.30		1 1 1	0.9	24.0
WOOD FIBER	520.10				
RD BR & GR SILTY LOAM, A-4		-10	1 1 1	0.5	555.0 / 36.0
GR & RD BR SILTY LOAM, A-4	518.30		0 0 1	0.7	23.0
GR SILTY LOAM, A-4	515.80		0 0 2	1.0	21.0
GRN GR SILTY CLAY, A-7-6	513.30		2 4 2	1.5	29.0
			1 2 4	0.9	30.0

Description	Elev.	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
GRN GR SILTY CLAY, A-7-6 (continued)	508.30				
GR WEATHERED LIMESTONE			20 59 10	2.8	7.0 / 19.0
CLAY SEAM			7 17 19		7.0
	508.80	-25			
GR FRACTURED LIMESTONE	501.30		100@1"		14.0
GR LIMESTONE	498.80	-30			
End of Boring			100@0"		
		-35			
		-40			

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)

DESIGNED	KLH
CHECKED	EML
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.)