STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 315	34-6, 55-1	HANCOCK	433	233
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 35
36 SHEETS

Contract #68206

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 2

Date 2/17/00

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-66 E Abut, WBL
Station 1432+75
Offset 60.00ft LT
Ground Surface Elev. 529.17 ft

Surface Water Elev. ft
Stream Bed Elev. ft
Groundwater Elev.:
First Encounter 513.1 ft
Upon Completion 524.3 ft
After 24 Hrs. 523.0 ft

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)	Soil Description
0				DK BR SILTY CLAY LOAM, A-6 W/ROOT & FIBERS (528.97)
				(528.17)
	6	1.5	17.0	BR SILTY CLAY LOAM, A-6
	8	6.3	10.0	BR & GR TO DK BR & GR SILTY CLAY LOAM, A-6
	11			
	6			
-5	7	5.2	14.0	
	6			
(523.67)				
	5			BR SILTY CLAY LOAM, A-6
	6	2.1	23.0	
	6			
(521.17)				
	4			RD BR & GR TO GR SILTY LOAM, A-4
-20	4	0.8	23.0	
	4			
	4	0.9	23.0	
	4			
	0			
-15	0	0.4	22.0	
(513.67)	1			
				GR SILTY LOAM, A-4
	0	0.8	23.0	
(512.17)	1			
	2		17.0	BR TO RD BR & GR SAND, A-1-b
	1			
-30	2		16.0	
	2			

DEPTH (ft)	BLOWS (6")	UCS Qa (tsf)	MOIST (%)	Soil Description
				BR TO RD BR & GR SAND, A-1-b (continued)
	4			
	6		11.0	
	10			
(506.17)				
	12			GR GRAVELLY SAND A-1-a W/LIMESTONE FRAGMENTS
	12		9.0	
-25	16			
	10		13.0	
(502.67)				
	100@4"			Borehole continued with rock coring.
-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 2/17/00

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 CORING METHOD

STRUCT. NO.
Station
BORING NO. BB-66 E Abut, WBL
Station 1432+75
Offset 60.00ft LT
Ground Surface Elev. 529.17 ft

CORING BARREL TYPE & SIZE NX
Core Diameter in
Top of Rock Elev. 502.67 ft
Begin Core Elev. 502.34 ft

DEPTH (ft)	CORE (#)	RECOVERY (%)	RQD (%)	CORE TIME (min/ft)	STRENGTH (tsf)	Soil Description
(502.67)						GRN GR LIMESTONE
		88	0			
(499.67)						
-30		95	88			GR LIMESTONE
-35						
(492.27)						End of Boring
-40						
-45						

Color pictures of the cores _____
Cores will be stored for examination until _____
The "Strength" column represents the unixial 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 2/21/00

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-69 E Abut
Station 1433+04
Offset 0.00ft (on CL)
Ground Surface Elev. 527.82 ft

Surface Water Elev. ft
Stream Bed Elev. ft
Groundwater Elev.:
First Encounter 514.7 ft
Upon Completion 518.3 ft
After 24 Hrs. 519.9 ft

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)	Soil Description
0			21.0	TOPSOIL FILL: DK BR SILTY CLAY LOAM, A-6 W/ROOTS & FIBERS (526.82)
	2			
	2	0.8	19.0	BR SILTY CLAY LOAM, A-6
	4			
	4			
	3	2.1	19.0	
-5	5			
(522.32)				
	2			BR & RD BR SILTY LOAM, A-4
	2	1.5	24.0	
	4			
	2			
	3	0.8	24.0	
-10	2			
(517.32)				
	2			RD BR & GR to GR SILTY LOAM, A-4
	2	1.1	25.0	
	3			
(514.82)				
	4			GR SILTY LOAM, A-4
	2		25.0	
-15	3			
(512.32)				
	0			BR to RD BR & GR SAND, A-1-b
	0		18.0	
	2			
(509.82)				
	2			BR SAND, A-3
	1		21.0	
-20	3			

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)	Soil Description
(507.32)				BR SAND, A-3 (continued)
	5		8.0	GR GRAVELLY SAND, A-1-a W/LIMESTONE FRAGMENTS
	7			
	5		115.0	WOOD FIBERS
	4			
	5		8.0	
	14			
-25 (502.92)	50			
			11.0	GR LIMESTONE FRAGMENTS
(501.32)	100@1"		9.0	
				GR LIMESTONE
-30				
(495.32)	100@1"		8.0	End of Boring
-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.)