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 L/T
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

Description	Elev.	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
DK BR SILTY CLAY LOAM, A-6 W/ ROOT & FIBERS	528.97				23.0
BR SILTY CLAY LOAM, A-6	528.17		6	1.5	17.0
BR & GR TO DK BR & GR SILTY CLAY LOAM, A-6			8	6.3	10.0
			11		
			6		
		-5	7	5.2	14.0
			6		
BR SILTY CLAY LOAM, A-6	523.67		5		
			6	2.1	23.0
			6		
RD BR & GR TO GR SILTY LOAM, A-4	521.17		4		
			4	0.8	23.0
		-10	4		
			4		
			4	0.9	23.0
			4		
			0		
			0	0.4	22.0
		-15	1		
GR SILTY LOAM, A-4	513.67		0	0.8	23.0
BR TO RD BR & GR SAND, A-1-b	512.17		1		
			2		17.0
			1		
		-20	2		16.0
			2		
BR TO RD BR & GR SAND, A-1-b (continued)					
GR GRAVELLY SAND A-1-a W/ LIMESTONE FRAGMENTS	506.17	-25	12		
			12		9.0
			16		
Borehole continued with rock coring.	502.67	-30	100@4"		13.0
		-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)

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 L/T
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

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

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

Description	Elev.	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
TOPSOIL FILL: DK BR SILTY CLAY LOAM, A-6 W/ ROOTS & FIBERS	526.82				21.0
BR SILTY CLAY LOAM, A-6			2		
			2	0.8	19.0
			4		
			4		
			3	2.1	19.0
		-5	5		
BR & RD BR SILTY LOAM, A-4	522.22		2		
			2	1.5	24.0
			4		
			2		
			3	0.8	24.0
		-10	2		
RD BR & GR to GR SILTY LOAM, A-4	517.22		2		
			2	1.1	25.0
			3		
GR SILTY LOAM, A-4	514.82		4		
			2		25.0
		-15	3		
BR to RD BR & GR SAND, A-1-b	512.22		0		
			0		18.0
			2		
BR SAND, A-3	509.82		2		
			1		21.0
		-20	3		
BR SAND, A-3 (continued)	507.32				
GR GRAVELLY SAND, A-1-a W/ LIMESTONE FRAGMENTS			5		8.0
			7		
			5		115.0
WOOD FIBERS					
			5		8.0
			14		
		-25	50		11.0
GR LIMESTONE FRAGMENTS	502.22				
GR LIMESTONE	501.32	-30	100@1"		9.0
		-35			
End of Boring	495.22	-40	100@1"		8.0
		-45			

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.)