STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 315	34-6, 55-1	HANCOCK	433	232
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 34
36 SHEETS

Contract #68206

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-58 W Pier, EBL
Station 1431+74
Offset 68.60ft RT
Ground Surface Elev. 530.50 ft

Surface Water Elev. ft
Stream Bed Elev. ft
Groundwater Elev.:
First Encounter DRY ft
Upon Completion 523.0 ft
After 24 Hrs. 520.0 ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
BR SAND, A-3 W/FIBERS	529.80				12.0
BR CLAY LOAM, A-6			2		
			4	1.2	22.0
			2		
BR & GR CLAY LOAM, A-6 W/SAND, A-3 SEAMS	527.50				
			4		
			2	2.0	21.0
		-5	4		
DK BR SILTY LOAM, A-6	525.00				
			2		
			1	0.6	25.0
			3		
RD BR & GR SILTY LOAM, A-4	520.00				
			2		
			1	0.6	21.0
		-20	3		
GR & RD BR SILTY LOAM, A-4	517.50				
			2		
			1	0.7	20.0
			3		
GRN GR SILTY LOAM, A-6	515.00				
			1		
			2	1.7	22.0
		-15	4		
			2		
			1	0.8	26.0
			3		
			1		
			2	0.7	21.0
		-25	4		
GRN GR SILTY LOAM, A-6 (continued)					
			3	1.2	19.0
			5		
			6	1.2	18.0
			12		
	506.00		13		14.0
GR LIMESTONE FRAGMENTS	505.00				
GR FRACTURED LIMESTONE			100@1"		14.0
GR LIMESTONE	501.00	-30			
End of Boring	497.80		100@0"		

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

SOIL BORING LOG

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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-65 E Pier, WBL
Station 1432+00
Offset 63.40ft LT
Ground Surface Elev. 529.00 ft

Surface Water Elev. ft
Stream Bed Elev. ft
Groundwater Elev.:
First Encounter 512.9 ft
Upon Completion 520.5 ft
After 24 Hrs. 518.5 ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
BLK SILTY CLAY LOAM, A-7-6 W/ROOTS & FIBERS	528.50			1.0	29.0
DK BR SILTY CLAY LOAM, A-6 W/ROOTS & FIBERS	528.00		5		20.0
BR & GR TO DK BR & GR SILTY CLAY LOAM, A-6			5	3.0	14.0
			5		
			3	5.2	16.0
		-5	5		
DK BR & BR SILTY LOAM, A-4	523.50				
			2		
			2	1.3	19.0
			3		
BR, RD BR & GR SILTY LOAM, A-4	521.00				
			1		
			1	0.7	34.0
		-10	1		
GR SILTY LOAM, A-4	518.50				
			0		
			0	0.7	32.0
			1		
			0		
			1	0.8	98.0
WOOD FRAGMENTS		-15	3		
BR TO RD BR SAND, A-1-b	513.50				
			2		
			5		30.0
			8		
WOOD FIBERS					
			4		
			4		15.0
		-20	7		
BR TO RD BR SAND, A-1-b (continued)					
			35		
			12		18.0
			13		
	508.00				
DK GR & GR SILTY LOAM, A-4					
			2	1.5	20.0
	504.50		6		12.0
GR GRAVELLY SAND, A-1-a W/LIMESTONE FRAGMENTS		-25	20		
	503.50				
GRN GR LIMESTONE			7		
			11		9.0
	501.80		100@3"		
GR LIMESTONE		-30			
End of Boring	495.90		100@1"		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

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Date 2/18/00

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-59 E Pier
Station 1432+48
Offset 4.90ft RT
Ground Surface Elev. 527.60 ft

Surface Water Elev. ft
Stream Bed Elev. ft
Groundwater Elev.:
First Encounter 514.5 ft
Upon Completion 522.7 ft
After 72 Hrs. 520.1 ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
TOPSOIL FILL: BLK SILTY CLAY A-7-6 W/ROOTS & FIBERS	527.20				50.0
FILL : DK BR SILTY CLAY LOAM, A-6 W/FIBERS & COAL FRAGMENTS			2		24.0
			1		21.0
			3		
FILL: DK BR SILTY CLAY LOAM, A-6 W/LIMESTONE FRAGMENTS	524.60				
			0		
			1		30.0
		-5	3		
GR SILTY LOAM, A-4	522.10				
			0		
			1		30.0
			3		
			0		
			0		28.0
		-10	0		
GR SANDY LOAM, A-2-4 W/ FIBERS	517.10				
			1		
			1		32.0
			1		
GR SILTY LOAM, A-4	514.60				
			1		23.0
			4		
GR GRAVELLY SAND A-1-a W/LIMESTONE FRAGMENTS	513.10	-15	6		11.0
			2		
			8		9.0
			11		
			5		
			6		14.0
		-20	10		
GR GRAVELLY SAND A-1-a W/LIMESTONE FRAGMENTS (continued)					
			4		
			6		12.0
			18		
			11		8.0
			11		
	509.10		22		12.0
GR LIMESTONE FRAGMENTS	509.60	-35			
GR LIMESTONE					
End of Boring	497.60	-35	100@1"		6.0

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.)