F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	34-4B-1	HANCOCK	452	231
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SHEET NO. 33
34 SHEETS

D-96-551-02

CONTRACT NO. 72680

Illinois Department of Transportation
Division of Highways
IDOT District 6

SOIL BORING LOG

Page 1 of 2

Date 11/14/02

ROUTE FAP 315 (IL 336) DESCRIPTION Proposed IL 336 over West Fork Lamoine River LOGGED BY M. Tappan

SECTION 34-4 LOCATION SE 1/4, SEC. 18, TWP. 5 N, RNG. 5 W, 4 PM

COUNTY Hancock DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. 034-0508
Station 1153+08

BORING NO. 90 Pier
Station 1154+60
Offset 40.00ft Left
Ground Surface Elev. 538.0 ft

Surface Water Elev. 528.4 ft
Stream Bed Elev. 527.7 ft

Groundwater Elev.:
First Encounter 526.0 ft
Upon Completion Washed ft
After ___ Hrs. Plugged ft

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Grey and Brown Wet LOAM					
			1		
		-5	1	0.3	23
			1	B	
Grey and Brown Moist SILTY CLAY	532.00				
			1		
			2	1.1	26
			3	B	
			1		
		-10	1	0.4	29
			2	B	
Grey Medium Grained SAND Free Water	527.00				
			1		
			1		
			2		
			0		
		-15	1		
			1		
Grey V. Moist SILTY CLAY LOAM	522.00				
			0		
Washed			1	0.3	28
			1	B	
			1		
Poor Recovery		-20	3	0.6	27

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Washed	517.50		5	B	
Grey V. Moist SILTY CLAY LOAM (continued)					
Grey Medium Grained SANDY GRAVEL			5		
Washed			19		
			29		
			5		
Washed		-25	9		
			10		
Grey and Olive Brown Moist CLAY LOAM (Till)	511.00				
			2		
Washed		-30	5	1.9	20
			7	B	
			3		
Washed		-35	7	2.7	19
			10	B	
			2		
Grey Medium Grained SAND	500.00				
			2		
Washed		-40	6		

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 District 6

SOIL BORING LOG

Page 2 of 2

Date 11/14/02

ROUTE FAP 315 (IL 336) DESCRIPTION Proposed IL 336 over West Fork Lamoine River LOGGED BY M. Tappan

SECTION 34-4 LOCATION SE 1/4, SEC. 18, TWP. 5 N, RNG. 5 W, 4 PM

COUNTY Hancock DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. 034-0508
Station 1153+08

BORING NO. 90 Pier
Station 1154+60
Offset 40.00ft Left
Ground Surface Elev. 538.0 ft

Surface Water Elev. 528.4 ft
Stream Bed Elev. 527.7 ft

Groundwater Elev.:
First Encounter 526.0 ft
Upon Completion Washed ft
After ___ Hrs. Plugged ft

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Grey Medium Grained SAND (continued)			9		
			6		
Medium to Coarse Grained Washed		-45	10		
			10		
			9		
Medium Grained Washed		-50	20		
			26		
			10		
Medium to Coarse Grained Washed		-55	20		
			22		
			54		
Coarse Grained SANDY GRAVEL Washed	480.50		73		
			27		
Boring Completed			/1"		
		-60			

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	JEH
CHECKED	BRT
DRAWN	TC
CHECKED	BRT

BORINGS
U.S. ROUTE 136 OVER
LAMOINE RIVER
F.A.P. RTE. 315 SECTION 34-4B-1
HANCOCK COUNTY
STATION 1153+07.72
STR. NO. 034-0508 (WBL)

HUTCHISON ENGINEERING, INC.
JACKSONVILLE, ILLINOIS
Date: January 31, 2006

2173/lamoine/2173b228