F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	34-4B-1	HANCOCK	452	229
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SHEET NO. 31
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 11/602

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. 88 Pier
Station 1152+96
Offset 25.00ft Left
Ground Surface Elev. 540.0 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 192 Hrs. 528.5 ft

Description	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Brown and Grey Moist SILTY CLAY LOAM				
		1		
Disturbed Sample		3	2.8	21
	-5	6	S-12	
		2		
		3	1.1	23
		4	B	
		2		
Dark Grey		2	0.5	34
	-10	2	B	
		0		
wLOAM Seams		0	0.3	32
		0	B	
		0		
526.00				
Grey Fine Grained SAND		2		
Free Water	-15	2		
		0		
Medium Grained		1		
		1		
522.00				
Grey V. Moist SILTY CLAY Washed		0		
		1	0.4	24
	-20	1	B	

Description	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
519.50				
Grey V. Moist SILTY CLAY LOAM Washed		0		
		1	0.3	16
		1	B	
517.00				
Grey Coarse Grained SANDY GRAVEL Washed		4		
		18		
	-25	23		
		5		
Washed		19		
		15		
512.00				
Grey Moist CLAY LOAM (Till)		3		
Washed		6	2.8	16
	-30	8	B	
		3		
Washed		5	1.8	24
	-35	6	B	
		3		
Grey to Grey and Olive Brown Moist CLAY LOAM (Till)		6	4.5	18
	-40	9	B	

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 11/602

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. 88 Pier
Station 1152+96
Offset 25.00ft Left
Ground Surface Elev. 540.0 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 192 Hrs. 528.5 ft

Description	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Grey Moist CLAY LOAM (Till) (continued)				
496.50				
Grey Fine Grained SAND		1		
		2		
	-45	8		
		3		
Washed		11		
	-50	19		
		6		
Medium Grained Washed		23		
	-55	35		
Medium Grained SANDY GRAVEL		9		
	-60	20		

Description	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Washed		16		
479.50				
Grey Fine Grained SAND (continued)				
Boring Completed				
	-65			
	-70			
	-75			
	-80			

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