ROUTE NO.	SEC	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 315	*	HANCOCK	452	195
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT		

SHEET NO. 18
21 SHEETS

* 34-4B

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 11/18/02

ROUTE FAP 315 (IL 336) DESCRIPTION Proposed IL 336 over Prairie Creek LOGGED BY M. Tappan

SECTION 34-4 LOCATION SE 1/4, SEC. 15, TWP. 5 N, RNG. 6 W, 4 PM

COUNTY Hancock DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. 034-0506
Station 973+25

BORING NO. 17 Abut
Station 972+58
Offset 30.00ft Left
Ground Surface Elev. 597.7 ft

Surface Water Elev. 586.1 ft
Stream Bed Elev. 585.6 ft

Groundwater Elev.:
First Encounter 585.7 ft
Upon Completion 578.7 ft
After 24 Hrs. 586.7 ft

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Brown to Dark Grey Moist SILTY CLAY (Fill)			1		
		-5	2	0.6	28
			2	B	
	591.70				
Grey Moist SILTY CLAY			0		
			1	0.5	31
			2	B	
			0		
V. Moist w/woody organics		-10	1	0.3	29
			1	B	
	586.70				
Grey to Brown Coarse Grained SAND			0		
Free Water			2		
			4		
	583.70				
Grey Moist CLAY LOAM (Till)			0		
		-15	2	3.1	14
			5	B	
	581.70				
Grey Coarse Grained Dirty SAND			4		
			13		
			17		
			4		
		-20	12		

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Grey Coarse Grained Dirty SAND (continued)	577.20		13		
Dark Grey Moist CLAY LOAM (Till)			3		
			8	4.0	14
			14	B	
			2		
		-25	9	3.6	13
			12	B	
			4		
		-30	8	4.2	13
			13	B	
			4		
		-35	8	4.2	13
			13	B	
			4		
		-40	12	6.1	14

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 11/18/02

ROUTE FAP 315 (IL 336) DESCRIPTION Proposed IL 336 over Prairie Creek LOGGED BY M. Tappan

SECTION 34-4 LOCATION SE 1/4, SEC. 15, TWP. 5 N, RNG. 6 W, 4 PM

COUNTY Hancock DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. 034-0506
Station 973+25

BORING NO. 17 Abut
Station 972+58
Offset 30.00ft Left
Ground Surface Elev. 597.7 ft

Surface Water Elev. 586.1 ft
Stream Bed Elev. 585.6 ft

Groundwater Elev.:
First Encounter 585.7 ft
Upon Completion 578.7 ft
After 24 Hrs. 586.7 ft

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Dark Grey Moist CLAY LOAM (Till) (continued)			20	B	
			4		
Olive Brown		-45	18	7.6	11
			29	B	
			3		
Dark Grey		-50	8	4.1	14
			13	B	
			4		
		-55	13	6.1	13
			17	B	
			4		
Grey		-60	13	6.2	13

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
	537.20		16	B	
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)

BORINGS
U.S. ROUTE 136 OVER
PRAIRIE CREEK
F.A.P. ROUTE 315 SECTION 34-4B
HANCOCK COUNTY
STATION 973+28.00
STR. NO. 034-0506 (WBL)
STR. NO. 034-0507 (EBL)

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

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