ROUTE NO.	SEC	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 315	*	HANCOCK	452	196
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT		

SHEET NO. 19
21 SHEETS

* 34-4B

D-96-551-02

CONTRACT NO. 72680

Illinois Department of Transportation
Division of Highways
IDOT District 6

SOIL BORING LOG

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Date 11/1502

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. 034-0507
Station 973+25

BORING NO. 18 Abut
Station 973+01
Offset 40.00ft Right
Ground Surface Elev. 595.3 ft

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

Groundwater Elev.:
First Encounter 583.8 ft
Upon Completion 584.8 ft
After 96 Hrs. 586.3 ft

DEPTH (ft)	BLOWS /6"	UCS Qu (taf)	MOIST (%)	Soil Description
				Grey Moist SILTY CLAY LOAM
	1			
	2	0.6	26	
-5	3	P		
589.80				
	1			Tan Moist Medium Grained Dirty SAND
	2			
	2			
587.30				
	0			Dark Grey Wet SILTY CLAY
	1	0.2	33	
-10	1	B		
584.30				
	0			Grey Medium to Coarse Grained Dirty SAND Free Water
	1			
	1			
	4			
	8			V. Fine Grained
-15	14			
	4			
	16			
	21			
577.30				
	2			Grey Moist SILT
	11		21	
-20	18			
	4			Grey Moist SILT (continued)
	15		22	
	19			
572.30				
	3			Grey Moist CLAY LOAM (Till)
	13	7.3	11	
-25	25	B		
	3			
	10	6.1	13	
-30	18	B		
	3			
	10	4.3	14	
-35	14	B		
	4			
	12	5.2	14	
-40	16	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
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SOIL BORING LOG

Page 2 of 2

Date 11/1502

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

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After 96 Hrs. 586.3 ft

DEPTH (ft)	BLOWS /6"	UCS Qu (taf)	MOIST (%)	Soil Description
				Grey Moist CLAY LOAM (Till) (continued)
	9			
	10	6.1	13	Olive Brown
-45	19	B		
	7			
	13	6.4	12	Grey
-50	24	B		
	8			
	11	6.0	14	
540.30 -55	17	B		
				Boring Completed
-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)

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

21730019