ROUTE NO.	SEC	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 315	*	HANCOCK	452	197
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT		

SHEET NO. 20
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 11/1902

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. 19 Abut
Station 973+70
Offset 35.00ft Left
Ground Surface Elev. 598.0 ft

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

Groundwater Elev.:
First Encounter 584.5 ft
Upon Completion Plugged ft
After ___ Hrs. Plugged ft

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Brown Moist SILTY CLAY (Fill)			1		
w/Coarse Limestone Gravel			2 4	1.0 B	13
	593.00	-5			
Brown V. Moist CLAY LOAM (Fill)			0		
			1 3	0.5 B	24
	590.50				
Grey V. Moist SILTY CLAY LOAM Drilled through Rip-Rap or Boulder			0		
			1 1	0.4 B	28
		-10			
			0		
			0 1	0.2 B	26
	585.50				
Grey Medium Grained Dirty SAND			0		
Free Water			0 1		
		-15			
			2		
			5 7	3.1 B	14
			3		
			7 14	5.2 B	13
		-20			
Grey Medium Grained Dirty SAND (continued)			9		
			18 27	6.9 B	11
			7		
			13 18	6.4 B	12
		-35			
			4		
			11 17	6.2 B	12
		-30			
			3		
			10 16	6.0 B	13
		-35			
			3		
			10 15	5.7 B	14
		-40			

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
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SOIL BORING LOG

Page 2 of 2

Date 11/1902

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

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Groundwater Elev.:
First Encounter 584.5 ft
Upon Completion Plugged ft
After ___ Hrs. Plugged ft

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Grey Medium Grained Dirty SAND (continued)			4		
			11 17	4.9 B	15
		-45			
			4		
			16 49	6.3 B	14
	549.00				
Grey Well Indurated Crystalline LIMESTONE		-50			
	547.00		100 /1"		
Auger Refusal – Boring Completed					
		-55			
		-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

2173b020