ROUTE NO.	SEC	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 315	34-4	HANCOCK	452	238
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT		

SHEET NO. 6
7 SHEETS

D-96-581-02
CONTRACT NO. 72680

Illinois Department of Transportation
Division of Highways
IDOT District 6

SOIL BORING LOG

Page 1 of 1

Date 11/19/02

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

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

COUNTY Hancock DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. 034-2513
Station 960+46

BORING NO. 7
Station 959+70
Offset 110.00ft Right
Ground Surface Elev. 599.1 ft

Surface Water Elev. 589.5 ft
Stream Bed Elev. 589.5 ft

Groundwater Elev.:
First Encounter No Encounter ft
Upon Completion Dry ft
After 48 Hrs. 570.6 ft

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Tan Dry SILT LOAM			2		
			4	1.6	8
		-5	4	S-7	
	593.60				
Grey and Reddish Brown Moist SANDY CLAY LOAM			1		
			3	1.5	11
			3	P	
	591.10				
Brown Medium to Coarse Grained SAND			2		
			3		
		-10	2		
	588.60				
Light Blue and Brown Moist CLAY (Till) w/Slickensides			2		
			5	2.9	20
			6	S-5	
	586.10				
Grey Moist CLAY LOAM (Till)			2		
			3	1.7	23
		-15	5	B	
			2		
			5	3.3	14
			7	B	
			2		
			5	4.6	12
		-20	9	B	
Grey Moist CLAY LOAM (Till) (continued)			2		
			5	6.4	13
			10	B	
			3		
			5	5.2	13
		-25	11	B	
			3		
			5	4.3	14
		-30	10	B	
			2		
			6	4.2	14
		-35	9	B	
Boring Completed			6	4.2	14
	559.10	-40	10	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 1 of 1

Date 11/19/02

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

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

COUNTY Hancock DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. 034-2513
Station 960+46

BORING NO. 8
Station 960+66
Offset 0.00ft cL
Ground Surface Elev. 598.2 ft

Surface Water Elev. 589.5 ft
Stream Bed Elev. 589.5 ft

Groundwater Elev.:
First Encounter No Encounter ft
Upon Completion Dry ft
After 48 Hrs. 580.7 ft

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Brown and Grey Moist SILTY CLAY			1		
			2	1.0	21
		-5	3	B	
	592.20				
Grey Medium Grained Wet SAND			1		
			2		
	590.70		1		
CLAY LOAM (Till)			2		
Olive Grey and Brown Moist CLAY LOAM (Till)			5	4.3	13
		-10	6	B	
			3		
Grey			6	4.4	12
			10	B	
			4		
			12	5.9	11
		-15	22	B	
			3		
			6	4.9	13
			11	B	
			3		
			6	5.0	13
		-20	10	B	
CLAY LOAM (Till) (continued)			3		
Grey Moist CLAY LOAM (Till)			6	4.3	14
	573.20	-25	11	B	
Boring Completed					
		-30			
		-35			
		-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)

DESIGNED	JOH
CHECKED	BRT
DRAWN	TC TD
CHECKED	JOH

BORINGS
U.S. ROUTE 136 OVER
TRIBUTARY PRAIRIE CREEK
F.A.P. ROUTE 315 SECTION 34-4
HANCOCK COUNTY
STATION 960+46.00
S.N. 034-2513

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

2173/Culvert 960+46/2173c006