CONTRACT NO. 72903

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	113B-2	HANCOCK	45	33
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

Sheet 7 of 8 Sheets

Illinois Department of Transportation
Division of Highways
IDOT District 6

SOIL BORING LOG

Page 1 of 2

Date 1/31/06

ROUTE FAP 685 (IL996) DESCRIPTION Wing Walls IL996 over Opossum Cr LOGGED BY M. Tappan

SECTION 113 B-2 LOCATION SW1/4, SEC. 4, TWP. 7N, RNG. 7W, 4 PM

COUNTY Hancock DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO. 034-0013 Ex / 034-2519 Pr
Station 248+59

BORING NO. 1 NW WW
Station 248+17
Offset 12.5ft Lt
Ground Surface Elev. 540.9 ft

Surface Water Elev. 533.1 ft
Stream Bed Elev. 532.9 ft

Groundwater Elev.:
▽ First Encounter 529.4 ft
▽ Upon Completion Washed ft
▼ After ___ Hrs. Plugged ft

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Brown and Gray Moist SILTY CLAY LOAM (Till)					
			1		
			2	.8	22
		-5	3	B	
	535.40				
Brown and Gray V. Moist LOAM					
			1		
			1	.4	21
			2	S-10	
	532.90				
Gray Wet SAND LOAM					
			0		
			1	.3	24
		-10	1	B	
	530.90				
Gray Wet Med to Coarse SAND Free Water					
			0		
			0		
			1		
			0		
			1		
		-15	1		
			1		
Gray Med Sandy GRAVEL Washed			1		
			1		
	522.90				
Gray V. Moist SILTY CLAY LOAM w/Sandy Gravel Seams Washed			1		
			1	0.3	49
		-30	1	B	
	520.40				
Gray Med Dirty SAND w/some Pea Gravel			0		
			1		
			0		
	517.90				
Gray V. Moist SILTY CLAY LOAM Interbedded w/Silt Loam Seams			1		
			1	.4	
		-35	1	B	
	513.40				
Gray Dirty Fine SAND			0		
			1		
		-40	1		
	509.90				
Brown Coarse Sandy GRAVEL			10		
			16		
		-45	42		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating
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)

File Name S:\SOILS\GDY FILES\HANCOCK\034-2519 IL-96 OVER OPOSSUM CREEK.GDY Data Template DOT\BORE7.GDT Date Printed 1/31/06
Lat/Long GCS 27.4667 Longitude GCS 91.5097 Datum NAD83 Job Number 200-025-04

Illinois Department of Transportation
Division of Highways
IDOT District 6

SOIL BORING LOG

Page 2 of 2

Date 1/31/06

ROUTE FAP 685 (IL996) DESCRIPTION Wing Walls IL996 over Opossum Cr LOGGED BY M. Tappan

SECTION 113 B-2 LOCATION SW1/4, SEC. 4, TWP. 7N, RNG. 7W, 4 PM

COUNTY Hancock DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO. 034-0013 Ex / 034-2519 Pr
Station 248+59

BORING NO. 1 NW WW
Station 248+17
Offset 12.5ft Lt
Ground Surface Elev. 540.9 ft

Surface Water Elev. 533.1 ft
Stream Bed Elev. 532.9 ft

Groundwater Elev.:
▽ First Encounter 529.4 ft
▽ Upon Completion Washed ft
▼ After ___ Hrs. Plugged ft

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Brown Coarse Sandy GRAVEL (continued)					
			30		
Gray Dirty Coarse Gravel			47		
		-65	22		
	494.90				
Gray Moist SILTY CLAY (Till)					
			6		
			6	3.1	18
		-70	10	B	
	470.90				
Gray Moist SILTY CLAY (Till) (continued)					
			2		
			7	3	18
		-75	9	B	
			3		
			5	2.4	19
		-85	8	B	
			2		
			5	2.1	20
		-90	8	B	

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating
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File Name S:\SOILS\GDY FILES\HANCOCK\034-2519 IL-96 OVER OPOSSUM CREEK.GDY Data Template DOT\BORE7.GDT Date Printed 1/31/06
Lat/Long GCS 27.4667 Longitude GCS 91.5097 Datum NAD83 Job Number 200-025-04

TLG PROJ: *61030G7:11
PLOT DATE : 4-27-2007 11:49PM/07:00M
FILE NAME : $FILE$

The Upchurch Group_
HILLSIDE, IL. (708) 449-2321
MATTOON, IL. (217) 235-3177

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL BORINGS
IL 9/96 OVER OPPOSUM CREEK
FAP 685 SECTION 113B-2
HANCOCK COUNTY
STA. 248+59.00 STR. No. 034-2519

SCALE VERT. / HORIZ.
DATE $DATE
DRAWN BY RMH
CHECKED BY MJS