CONTRACT NO. 72903

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	113B-2	HANCOCK	45	34
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

Sheet 8 of 8 Sheets

Illinois Department of Transportation
Division of Highways
IDOT District 6

SOIL BORING LOG

Page 1 of 2

Date 1/3006

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. 2 SE WW
Station 249+04
Offset 12.5ft Rt
Ground Surface Elev. 542.5 ft

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

Groundwater Elev.:
▽ First Encounter 528.5 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 (Fill)			1		
			2	.8	21
		-5	3	B	
	537.00				
Brown and Gray Moist SILTY CLAY			1		
			2	.8	25
			2	B	
	534.50				
Gray and Tan V. Moist LOAM (oxidized)			0		
			1	.3	20
		-10	1	B	
	532.00				
Gray and Lt. Reddish Brown Moist SILTY CLAY (oxidized)			1		
			1	.6	23
			2	B	
	529.00				
Gray Fine Dirty Wet SAND ▽ Free Water			0		
			1		
		-15	1		
	527.00				
Gray V. Moist SILTY CLAY w/Woody Organics			0		
			0	.2	58
			0	B	
			0		
Gray V. Moist SILTY CLAY			0	.3	35
		-30	0	B	
	522.00				
Gray Wet LOAM Interbedded w/Silty Clay Loam Seams (Woody Organics)			0		
			0	.3	34
			1	B	
	519.50				
Gray V. Moist SILTY CLAY LOAM			0		
			0	.4	53
		-25	1	B	
	515.00				
Gray Med Clean SAND w/some large Gravel Washed			7		
			12		
		-30	13		
Brown Med to Coarse Sandy GRAVEL			13		
		-35	18		
Brown Coarse SAND w/some Coarse Gravel			23		
		-40	22		

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:\GEOLOGY\ FILES\HANCOCK\034-0019 IL9-96 OVER OPOSSUM CREEK.GPJ Date Template INTERSECT.GDT Date Printed 1/16/06
Latitude 40D 37.4463 Longitude 91D 23.6097 Datum NAD83 Job Number 209-025-04

Page 2 of 2

Date 1/3006

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. 2 SE WW
Station 249+04
Offset 12.5ft Rt
Ground Surface Elev. 542.5 ft

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

Groundwater Elev.:
▽ First Encounter 528.5 ft
▽ Upon Completion Washed ft
▼ After ___ Hrs. Plugged ft

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Gray Med Clean SAND w/some large Gravel Washed (continued)			15		
Gray Med to Coarse GRAVEL			23		
		-45	36		
	495.00				
Gray Moist SILTY CLAY (Till)			5		
			5	2.2	18
		-50	8	B	
			1		
			5	3.3	19
		-55	9	B	
			1		
			4	3.1	19
		-60	7	B	
Gray Moist SILTY CLAY (Till) (continued)			15		
		-65	23		
w/Silt Loam Seams Limestone Cobble			5		
			14	3.2	21
		-70	86	B	
			2		
			6	2.6	19
		-75	11	B	
Gray Moist SILTY CLAY (Till)	467.50				

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:\GEOLOGY\ FILES\HANCOCK\034-0019 IL9-96 OVER OPOSSUM CREEK.GPJ Date Template INTERSECT.GDT Date Printed 1/16/06
Latitude 40D 37.4463 Longitude 91D 23.6097 Datum NAD83 Job Number 209-025-04

TLG PROJ: *6103807-11
PLOT DATE : 11-27-2007 11:12:08AM
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. — DRAWN BY RMH
DATE $DATE — CHECKED BY MJS