Illinois Department of Transportation
Division of Highways
IDOT District 6

SOIL BORING LOG

Page 1 of 1

Date 7/18/06

ROUTE FAP 753 (IL 104) DESCRIPTION IL 104 over drainage ditch LOGGED BY M. Tappan

SECTION 143RS-6 LOCATION SE 1/4, SEC. 10, TWP. 13 N, RNG. 3 W, 3 PM

COUNTY Christian DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. None Assigned
Station 150+00

BORING NO. 1
Station 150+09
Offset 14.0ft Lt
Ground Surface Elev. 566.2 ft

Surface Water Elev. 562.6 ft
Stream Bed Elev. 562.6 ft

Groundwater Elev.:
First Encounter 552.2 ft
Upon Completion 551.7 ft
After ___ Hrs. Plugged ft

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Dark Grey Moist SILTY CLAY (Fill)			1		
			2	1.2	15
			4	B	
	563.20				
V. Dark Grey Moist SILTY CLAY			1		
			2	1.5	29
		-5	2	B	
			1		
Brown and Grey			2	0.8	31
			2	B	
			1		
			2	1.0	31
		-10	3	B	
	555.20				
Grey Moist SILTY CLAY LOAM			1		
			2	1.2	17
			4	B	
	552.70				
Grey Wet SAND LOAM			0		
Free Water			1	0.2	18
	551.20	-15	1	B	
Grey Medium Grained SAND			0		
			1		
			1		
			1		
			4		
		-20	6		
Grey Medium Grained SAND (continued)			1		
			5		
			7		
			2		
			4		
	541.20	-25	6		
Boring Completed					
Refer STA to STA 150+00, STA Increase to East					
Refer Elevation to STA 150+00 cL = 566.4'					
		-30			
		-35			
		-40			

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\GINT FILES\CHRISTIAN\IL 104 CULVERT IN KINCAID STA 150+09.GPJ Data Template DOTSAMPLT.GDT Date Printed 12/6/06
Latitude 39 Deg 55.015 N Longitude 89 Deg 24.586 W Datum NAD83 Job Number D98-535-01

BORINGS
IL ROUTE 104 OVER UNNAMED TRIBUTARY
SOUTH FORK SANGAMON RIVER
F.A.P. ROUTE 753 - SECTION 143RS-6
CHRISTIAN COUNTY
STA. 150+00.00
S.N. 011-7056