



SOIL BORING LOG

Date 9/19/00

ROUTE FAP 322 (US 51) DESCRIPTION US 51 over Main Drainage Ditch LOGGED BY M. Tappan

SECTION 44 BR-1 LOCATION SW 1/4, SEC. 24, TWP. 12 N, RNG. 1 E, 3 PM

COUNTY Christian DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO. 011-0002
 Station 342+37
 BORING NO. 5 S. Abut
 Station 341+72
 Offset 7.00ft Left
 Ground Surface Elev. 647.65 ft

DEPTH (ft)	DIAMETER (ft)	UNIT	MOISTURE (%)	DESCRIPTION	DEPTH (ft)	DIAMETER (ft)	UNIT	MOISTURE (%)
0				Surface Water Elev. 626.16 ft	0			
				Stream Bed Elev. N/A ft				
				Groundwater Elev.:				
				First Encounter 626.2 ft				
				Upon Completion Washed ft				
				After Hrs. Plugged ft				
627.15				Grey V. Moist LOAM to SAND LOAM	0			
646.15				Free Water	1	0.6	B	18
					4			
624.65				Grey Medium Grained Clean SANDY GRAVEL	1			
					6			
					10			
					25			
					1			
					2			
					10			
					2	2.0	B	22
					3			
					1			
					2			
					10			
					2	0.7	B	25
					2			
					10			
					1			
					2	0.4	B	23
					2			
					1			
					2			
					10			
					1	1.4	B	22
					3			
					15			
					1			
					2	1.2	B	25
					3			
					0			
					2			
					10			
					1			
					4	2.4	B	10
					8			
					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)



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DEPTH (ft)	DIAMETER (ft)	UNIT	MOISTURE (%)	DESCRIPTION	DEPTH (ft)	DIAMETER (ft)	UNIT	MOISTURE (%)
587.15				Grey Moist CLAY LOAM (Till) (continued)	0			
					3			
					8	3.1	B	9
					10			
					25			
					1			
					6			
					10			
					1			
					6	2.1	B	10
					8			
					50			
					1			
					6			
					10			
					2			
					7	3.1	B	10
					12			
					55			
					6			
					21	4.8	B	9
					35			
					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)

BORING 5

FILE NAME	USER NAME =	DESIGNED ADL	REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p align="center">BORING LOGS STRUCTURE NO. 011-0037</p>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	CHECKED RJP	REVISIED -	322			11-10	CHRISTIAN	437	233	
	PLOT SCALE =	DRAWN RJP	REVISIED -			CONTRACT NO. 72961				
	PLOT DATE =	CHECKED ADL	REVISIED -			ILLINOIS FED. AID PROJECT				