



# SOIL BORING LOG

Page 1 of 2

Date 3/11/91

ROUTE FAP 322 (US 51) DESCRIPTION US 51 over Main Drainage Ditch LOGGED BY K. Winschief  
 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. 3  
 Station 342+19  
 Offset 86.50ft Right  
 Ground Surface Elev. 639.2 ft  
 (ft) N (tsf) (%)

DEPTH (ft)	SOIL DESCRIPTION	U (tsf)	M (%)	SPT (N)
0	Surface Water Elev. 627.3 ft Stream Bed Elev. N/A ft			
0	Groundwater Elev.: First Encounter 626.2 ft Upon Completion Washed ft After Hrs. Plugged ft			
0-8	Dark Brown Mottled SILTY CLAY	2.1 B	18	
8-22	Medium to Coarse Brown SAND (continued)			22
22-615.20	Grey SANDY CLAY LOAM (Till)			
615.20-25	Grey SANDY CLAY LOAM (Till)			
25-35	Grey SANDY CLAY LOAM (Till)	6.1 S	8.9	
35-632.20	Grey Brown Mottled CLAY LOAM	1.4 B	22	
632.20-629.70	Brown Grey Mottled CLAY LOAM	1.2 S	23	
629.70-627.20	Coarse Brown SAND Free Water			4
627.20-624.70	Grey SILT	1.4 S	21	
624.70-622.20	Medium to Coarse Brown SAND			12

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrrometer)  
 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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0-17	Grey SANDY CLAY LOAM (Till) (continued)	5.8 S	10	
17-45	Grey SANDY CLAY LOAM (Till)	3.3 S	11	
45-586.20	Grey CLAY LOAM (Till)	1.2 B	12	
586.20-583.20	Boring Completed			
583.20-60	Borings 1-4 Completed By District 5 Geotechnical Unit, Converted to gINT format 01/17/01 by District 6.			

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 BBS, from 137 (Rev. 8-99)

BORING 3

FILE NAME	USER NAME =	DESIGNED <u>ADL</u>	REVISED -
	CHECKED <u>RJP</u>	REVISIONS -	
	PLOT SCALE =	DRAWN <u>RJP</u>	REVISED -
	PLOT DATE =	CHECKED <u>ADL</u>	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BORING LOGS  
STRUCTURE NO. 011-0037

SHEET NO. 31 OF 34 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	437	231
				CONTRACT NO. 72961