

# BORING LOGS

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	40-M	WINNEBAGO	165	87
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



Illinois Department of Transportation  
Division of Highways  
DOT

### SOIL BORING LOG

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Date 12506

ROUTE FA 742 DESCRIPTION P-92-136-94 Box Culvert Ext. - IL 2 - 300' S. of Clifton Avenue LOGGED BY J. Strating  
SECTION 40 LOCATION Rockford Twp. - 34SW SEC., TWP. 44N, RNG. 1E  
COUNTY Winnebago DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. Station	BORING NO. Station	Offset	Ground Surface Elev.	D (ft)	B (6")	U (tsf)	M (%)	Surface Water Elev.		Groundwater Elev.		
								Dry ft	ft	Dry ft	ft	
								Surface Water Elev. <u>Dry</u>	ft			
								Stream Bed Elev.	<u>83.0</u>	ft		
								First Encounter	<u>Dry</u>	ft		
								Upon Completion	<u>Dry</u>	ft		
								After	<u>Hrs.</u>	<u>ft</u>		
MEDIUM brown SILTY CLAY LOAM							0.5			18		
							P					
VERY STIFF brown CLAY LOAM with LIMESTONE fragments							5			17		
							6	3.0				
							7	P				
STIFF dark brown LOAM with LIMESTONE fragments							5			10		
							5	1.3				
							5	P				
STIFF brown SILTY LOAM							2			18		
							3	2.0				
							5	P				
MEDIUM tan/brown clean medium SAND with GRAVEL							5					
							5					
							9					
VERY DENSE tan weathered LIMESTONE							15					
							1008"					
VERY DENSE tan weathered LIMESTONE							15					
							1003"					
VERY DENSE tan weathered LIMESTONE							15					
							1005"					
End of Boring												

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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								Stream Bed Elev.	<u>83.0</u>	ft		
								First Encounter	<u>Dry</u>	ft		
								Upon Completion	<u>Dry</u>	ft		
								After	<u>Hrs.</u>	<u>ft</u>		
MEDIUM brown SANDY LOAM							0.8			15		
							P					
LOOSE brown dirty SAND & GRAVEL with CONCRETE fragments							2					
							1					
							3					
MEDIUM brown SILTY CLAY LOAM with CONCRETE fragments							1			23		
							4	0.5				
							4	P				
LOOSE tan clean medium SAND with GRAVEL							3					
							4					
							1					
LOOSE tan clean medium SAND with GRAVEL & CONCRETE fragments							3					
							3					
							4					
MEDIUM brown dirty SAND & GRAVEL with CONCRETE & LIMESTONE fragments							4					
							5					
							6					
No Recovery							3					
							3					
							3					
MEDIUM black LOAM							1			22		
							2	0.6				
							3	B				

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BBS, from 137 (Rev. 8-99)

PLOT DATE = Mon Apr 03 11:56:24 2006  
PLOT SCALE = 1/8" = 100.00'  
USER NAME = jpe-dshd

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT.  
HORIZ.  
DATE

DRAWN BY  
CHECKED BY

# BORING LOGS