

# BORING LOGS



Illinois Department of Transportation  
Division of Highways  
District 2, Dixon

## SOIL BORING LOG

Page 1 of 1

Date 4/3/02

ROUTE FA 642 DESCRIPTION P92-167-90 IL 78 culvert, 1.4 m. S. of Moresville Road LOGGED BY C. Jenkins

SECTION (10, 11) RS-2 LOCATION Pleasant Valley Twp. - NE, SEC. 3, TWP. 26N, RNG. 4E

COUNTY JoDaviess DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. Station	D E P T H	B L O W S	U C S	M O I S T	Surface Water Elev. <u>None</u> ft	Stream Bed Elev. <u>91.5</u> ft	Groundwater Elev.:	D E P T H	B L O W S	U C S	M O I S T
Asphalt MEDIUM brown SILTY LOAM			0.5 P	23		78.80	MEDIUM yellow weathered LIMESTONE (continued)		4 5 6		
MEDIUM brown SILTY CLAY	97.80	2 2 4	0.7 B	28		76.30	Same as above		5 6 11		
MEDIUM brown SILTY LOAM	93.80	1 2 4	0.6 B	29		73.80	Same as above		5 8 11		
STIFF brown/gray SILTY CLAY	91.30	4 5 6	1.5 P	23		71.30	Same as above		10 11 11		
STIFF tan SILTY CLAY	88.80	4 5 7	1.2 B	23		68.80	DENSE yellow weathered LIMESTONE		5 15 27		
STIFF tan SILTY LOAM with some GRAVEL	86.30	3 3 5	1.6 P	23		66.30	MEDIUM yellow weathered LIMESTONE		10 7 8		
VERY STIFF tan/brown SILTY CLAY	83.80	4 7 10	2.5 B	35		63.80	Same as above		5 6 9		
MEDIUM brown SILTY CLAY with LIMESTONE fragments	80.80	3 3 4	0.7 P	43			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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Asphalt MEDIUM brown SILTY LOAM with GRAVEL			0.6 P	10		78.60	MEDIUM tan weathered LIMESTONE (continued)		2 5 6		
STIFF brown SILTY CLAY	97.60	3 5 6	1.6 B	25		76.10	MEDIUM tan/orange weathered LIMESTONE		4 5 10		
MEDIUM brown SILTY LOAM	93.60	2 2 3	0.5 B	28		73.60	DENSE yellow/gray weathered LIMESTONE		11 24 25		
MEDIUM brown/gray SILTY CLAY	91.10	1 2 4	0.7 P	26		72.10	VERY DENSE gray weathered LIMESTONE End of Boring		100/4" PEN		
VERY STIFF brown SILTY LOAM with some GRAVEL	88.60	3 5 8	2.7 S	20							
VERY STIFF red/brown SILTY CLAY TILL	86.10	4 8 8	2.5 S	33							
SOFT brown SILTY LOAM with LIMESTONE fragments	83.10	2 4 5	0.3 P	56							
LOOSE tan weathered LIMESTONE	81.10	1 2 6									

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BBS, from 137 (Rev. 8-99)

FILE NAME =	USER NAME = hensonke	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>BORING LOGS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pwork\pwidot\HENSONKE\dms33697\00707BOR.DGN		DRAWN -	REVISED -			642	(10,11)T	JO DAVIESS	283	106
PLOT SCALE = 165.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 64D07				
PLOT DATE = Wed Sep 03 10:24:04 2008		DATE -	REVISED -			SCALE:	SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT