

# BORING LOGS



Illinois Department of Transportation  
Division of Highways  
District 2, Dixon

## SOIL BORING LOG

Page 1 of 1

Date 4/2/02

ROUTE FA 642 DESCRIPTION P92-167-90 IL 78 culvert, 6.5 m. S. of Stockton LOGGED BY C. Jenkins  
SECTION (10, 11) RS-2 LOCATION Pleasant Valley Twp. - NE, SEC. 16, TWP. 26N, RNG. 4E  
COUNTY JoDaviess DRILLING METHOD Hollow Stem Auger HAMMER TYPE Diedrich Automatic

STRUCT. NO. Station	DEPTH H	BLOW S	UCS Qu	MOIST T	Surface Water Elev.	Stream Bed Elev.	GROUNDWATER ELEV.	DEPTH H	BLOW S	UCS Qu	MOIST T
	(ft)	(/6")	(tsf)	(%)	ft	ft	ft	(ft)	(/6")	(tsf)	(%)
Asphalt MEDIUM brown SILTY CLAY			0.9 P	21	85.5	85.0	79.1	19			
							74.1	15			
							74.1	8			
STIFF brown/tan SILTY CLAY	96.10	3									
		4	1.1	25				8			
	94.60	6	B					7	1.4	21	
								11	P		
MEDIUM brown SILTY CLAY		2									
		2	0.6	15							
	92.10	4	P								
SOFT brown SILTY LOAM		1									
		1	0.3	31							
	89.60	2	P								
VERY STIFF gray/brown SILTY CLAY		2									
		4	2.7	22							
	87.10	6	S								
STIFF gray/brown SILTY CLAY		2									
		3	1.8	25							
	84.60	6	S								
STIFF brown SILTY CLAY		4									
		5	1.5	26							
	81.60	6	B								
DENSE tan/orange weathered LIMESTONE		8									
		18									
	79.60	21									

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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	(ft)	(/6")	(tsf)	(%)	ft	ft	ft	(ft)	(/6")	(tsf)	(%)
Asphalt MEDIUM brown SILTY LOAM with some GRAVEL			0.8 P	21	85.5	85.0	78.2	4			
							81.2	8	2.0	23	
							81.2	10	S		
STIFF tan/gray SILTY CLAY	98.20	2									
		3	1.4	25							
	96.70	3	P								
STIFF tan/gray SILTY CLAY with GRAVEL and LIMESTONE fragments		1									
		5	1.2	26							
	94.20	6	P								
MEDIUM brown SILTY LOAM with LIMESTONE fragments		2									
		2	0.6	18							
	91.70	4	P								
STIFF brown SILTY CLAY with LIMESTONE fragments		3									
		4	1.1	24							
	89.20	5	P								
VERY STIFF gray/brown SILTY CLAY		3									
		5	2.9	24							
	86.70	7	B								
VERY STIFF gray CLAY TILL		5									
		8	2.2	23							
	84.20	9	S								
HARD gray SHALEY CLAY		4									
		6	4.3	22							
	81.70	10	S								

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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:\pw_work\PMIDOT\HENSONKE\dms33697\08	707BOR.DGN	DRAWN -	REVISED -			642	(10,11)T	JO DAVIESS	283	103
	PLOT SCALE = 165.0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 64007				
	PLOT DATE = Wed Sep 03 10:24:04 2008	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				