

# BORING LOGS



Illinois Department of Transportation  
Division of Highways  
District 2, Dixon

## SOIL BORING LOG

Page 1 of 1

Date 4/1/02

ROUTE FA 642 DESCRIPTION P92-167-90 IL 78 culvert, 0.1 m. N. of Carroll Co. Line LOGGED BY T. Wendel

SECTION (10, 11)RS-2 LOCATION Pleasant Valley Twp. - SE, SEC. 35, TWP. 26N, RNG. 4E

COUNTY JoDaviess DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.	DEPTH	BLOW	UCS	MOIST	Surface Water Elev.	DEPTH	BLOW	UCS	MOIST
Station	(ft)	(/6")	(tsf)	(%)	ft	(ft)	(/6")	(tsf)	(%)
4+85					89.8				
B-2j					89.5				
4+65									
10.50ft Rt CL					72.8				
99.8					72.8				
Asphalt 12"									
SOFT black CLAY LOAM			0.3	19					
			P						
					77.80				
STIFF brown/tan SILTY LOAM	96.80								
		4							
		4	1.2	22					
	95.30	5	P		75.30				
MEDIUM tan CLAY LOAM									
		1							
		2	0.6	25					
	92.80	3	B		72.80				
MEDIUM gray/tan SILTY LOAM									
		1							
		1	0.6	27					
	90.30	3	B		70.30				
MEDIUM black CLAY LOAM									
		2							
		3	1.0	30					
	87.80	5	P						
MEDIUM black/tan CLAY LOAM with ROCK									
		2							
		3	1.0	30					
	85.30	4	B						
HARD buff SANDY CLAY									
		5							
		10	4.7	16					
	82.30	12	S						
MEDIUM gray SHALE									
		20							
		12							
	80.30	11							

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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## SOIL BORING LOG

Page 1 of 1

Date 3/18/02

ROUTE FA 642 DESCRIPTION P92-167-90 IL 78 culvert, 0.1 m. N. of Carroll County Line LOGGED BY T. Wendel

SECTION (10, 11)RS-2 LOCATION Pleasant Valley Twp. - SE, SEC. 35, TWP. 26N, RNG. 4E

COUNTY JoDaviess DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.	DEPTH	BLOW	UCS	MOIST	Surface Water Elev.	DEPTH	BLOW	UCS	MOIST
Station	(ft)	(/6")	(tsf)	(%)	ft	(ft)	(/6")	(tsf)	(%)
4+85					89.6				
B-1j					89.5				
5+06									
42.50ft Lt CL					79.6				
90.1					89.1				
MEDIUM brown/tan SANDY CLAY LOAM									
			0.8	28					
			P						
					68.60				
SOFT tan/brown SILTY CLAY	87.60								
		2							
		2	0.3	28					
	86.10	2	B						
SOFT orangish/tan SILTY CLAY with LIMESTONE fragments									
		3							
		2	0.3	33					
	83.60	4	P						
MEDIUM tan weathered LIMESTONE with SILTY CLAY in top 3"									
		7							
		12							
	81.10	14							
VERY STIFF green/gray SHALEY CLAY									
		11							
		12	2.6	16					
	78.60	13	B						
HARD gray SHALEY CLAY									
		13							
		12	4.5	19					
	75.60	14	B						
MEDIUM gray brittle SHALE									
		14							
		12							
	73.60	16							
DENSE gray SHALE									
		17							
		20							
	71.10	18							

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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)

FILE NAME =	USER NAME = hensonke	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING LOGS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw_work\PW\DOT\HENSONKE\dms33697\084707BOR.DGN	DRAWN -	REVISED -	642			(10,11)T	JO DAVIESS	283	100	
PLOT SCALE = 165,0000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 64D07							
PLOT DATE = Wed Sep 03 10:24:04 2008	DATE -	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
SCALE: SHEET NO. OF SHEETS STA. TO STA.										