


# BORING LOGS



**Illinois Department of Transportation**  
Division of Highways  
Illinois Department of Transportation/D-2

## SOIL BORING LOG

Page 2 of 2  
Date 3/4/08

ROUTE FA 742 DESCRIPTION P92-064-86 IL 2 retaining wall, N. of Oregon across from Cartwright Lane LOGGED BY W. Garza


SECTION 37 RS-3 LOCATION Oregon Twp. - 3 NW, SEC. , TWP. 24N, RNG. 10E

COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. Station	D E P T H S	B L O W S	U C S Qu	M O I S T	Surface Water Elev.		
					ft	ft	
BORING NO. <u>B-6b</u> Station <u>636+36</u> Offset <u>53.00ft Rt CL</u> Ground Surface Elev. <u>681.30</u> ft	(ft)	(/6")	(tsf)	(%)	First Encounter <u>671.8</u> ft ▼ Upon Completion <u>Wash</u> ft After _____ Hrs. _____ ft		
Wash MEDIUM tan clean medium coarse SAND with medium GRAVEL (continued)	640.30	11 15					
Wash DENSE tan SANDY GRAVEL	637.80	9 16 15					
Wash DENSE tan SANDY GRAVEL	635.30	8 13 19					
DENSE tan SANDY GRAVEL	632.80	17 21 18					
Wash DENSE tan clean medium coarse SAND	630.30	18 21 25					
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)



**Illinois Department of Transportation**  
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## SOIL BORING LOG

Page 1 of 2  
Date 2/25/08

ROUTE FA 742 DESCRIPTION P92-064-86 IL 2 retaining wall, N. of Oregon Across from Cartwright Lane LOGGED BY W. Garza

SECTION 37 RS-3 LOCATION Oregon Twp. - 3 NW, SEC. , TWP. 23N, RNG. 10E

COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. Station	D E P T H S	B L O W S	U C S Qu	M O I S T	Surface Water Elev.		
					ft	ft	
BORING NO. <u>B-1b</u> Station <u>637+00</u> Offset <u>26.00ft Rt CL</u> Ground Surface Elev. <u>684.30</u> ft	(ft)	(/6")	(tsf)	(%)	First Encounter <u>671.00</u> ft Upon Completion <u>672.3</u> ft ▼ After _____ Hrs. _____ ft		
6 - 8" Concrete pavement beneath shoulder stone.			0.3 P	15.0			
SOFT dry brown LOAM	682.30						
VERY STIFF brown SILTY CLAY LOAM	680.80	4 5 7	2.9 B	20.0			
VERY STIFF brown SANDY LOAM with SAND lens	677.80	3 2 4		18.0 P			
MEDIUM brown dry clean medium coarse SAND	675.80	4 5 9					
DENSE tan dry clean medium coarse SAND	673.30	15 15 26					
DENSE tan clean medium coarse SAND	670.80	8 14 18					
DENSE tan clean medium coarse SAND	668.30	14 26 23					
wash MEDIUM tan SANDY GRAVEL	665.80	7 6 8					
MEDIUM tan SANDY GRAVEL							

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)

FILE NAME =	USER NAME = <u>cushmanbw</u>	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>BORING LOGS</b>				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca\pwork\FWIDOT\CUSHMANBW\dms34123\dms34123.dgn		DRAWN -	REVISED -		742	37R-3	OGLE	345	214				
PLOT SCALE = 1/8" = 1' IN.		CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.				CONTRACT NO. 84788				
PLOT DATE = Fri May 01 08:36:56 2009		DATE -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								