


BORING LOGS



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

SOIL BORING LOG

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Date 3/5/08

ROUTE FA 742 DESCRIPTION P92-064-86 IL 2 retaining wall, south of Stronghold Entrance LOGGED BY Be. Wetzell


SECTION 37 RS-3 LOCATION Rockvale Twp. - 33 NE, SEC. , TWP. 24N, RNG. 10E

COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO. Station	D E P T H ft	B L O W S Qu	U C S tsf	M O I S T %	Soil Description			
					Surface Water Elev. ft	Stream Bed Elev. ft	Groundwater Elev.: First Encounter ft	Upon Completion ft
BORING NO. <u>B-2a</u> Station <u>674+02</u> Offset <u>11.00ft Lt</u> Ground Surface Elev. <u>685.50</u> ft					670.5	666.5		
MEDIUM brown SILTY CLAY		0.7	24.0					
		P						
MEDIUM brown SILTY CLAY	683.00	4						
		4	1.0	24.0				
	681.50	6	P					
SOFT brown SILTY CLAY LOAM		1						
		3	0.4	29.0				
	679.00	3	B					
MOIST SOFT brown SILTY CLAY LOAM		1						
		1	0.4	26.0				
	676.50	2	P					
VERY MOIST VERY SOFT brown SILTY CLAY LOAM		0						
		0	0.1	27.0				
	674.00	1	P					
STIFF gray CLAY LOAM		2						
		4	1.2	31.0				
	671.50	6	B					
VERY SOFT brown SILTY LOAM		2						
		4	0.4	19.0				
	669.00	6	B					
STIFF brown SILTY LOAM		1						
		3	1.2	21.0				
	666.50	8	B					

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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ROUTE FA 742 DESCRIPTION P92-064-86 IL 2 retaining wall, south of Stronghold Entrance LOGGED BY W. Garza

SECTION 37 RS-3 LOCATION Rockvale Twp. - 33 NE, 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 ft	B L O W S Qu	U C S tsf	M O I S T %	Soil Description			
					Surface Water Elev. ft	Stream Bed Elev. ft	Groundwater Elev.: First Encounter ft	Upon Completion ft
BORING NO. <u>B-5a</u> Station <u>674+50</u> Offset <u>12.00ft Lt CL</u> Ground Surface Elev. <u>684.60</u> ft					667.6			
SOFT brown LOAM		0.3	15.0					
		P						
MEDIUM brown SILTY CLAY LOAM	682.60	2						
		3	0.5	26.0				
	681.10	4	P					
SOFT brown SILTY LOAM		1						
		1	0.3	26.0				
	678.60	3	B					
SOFT brown SILTY LOAM		0						
		1	0.4	26.0				
	676.10	2	B					
SOFT brown SILTY LOAM		0						
		1	0.3	26.0				
	673.10	2	B					
MEDIUM cream white moist fine SAND		2						
		5						
	671.10	21						
VERY DENSE rusty yellow fine SAND		27						
		100/10"						
	668.60							
VERY DENSE rusty yellow fine SAND		100/5"						
		100/1"						
	666.10							
		100/1"						
	-20							

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 -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING LOGS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cr:\pwork\PWIDOT\CUSHMANBW\dms34123\dms34123.dgn	64881.dgn	DRAWN -	REVISED -						742	37R-3	OGLE	345	219
	PLOT SCALE = 1/8" = 1' IN.	CHECKED -	REVISED -						CONTRACT NO. 84788				
	PLOT DATE = Fri May 01 08:36:59 2009	DATE -	REVISED -						ILLINOIS FED. AID PROJECT				