


BORING LOGS



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

SOIL BORING LOG

Page 1 of 1
Date 4/2/08

ROUTE FA 742 DESCRIPTION P92-064-86 Retaining wall, IL 2 at Mudd Creek Road LOGGED BY Be. Wetzell


SECTION 37 RS-3 LOCATION Rockvale Twp. - 28 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	B L O W S	U C S	M O I S T U R E	Groundwater Elev.:			
					Surface Water Elev.	Stream Bed Elev.	First Encounter	Upon Completion
					92.00			
BORING NO. <u>B-4d</u> Station <u>730+00</u> Offset <u>16.00ft Rt CL</u> Ground Surface Elev. <u>99.60</u> ft	(ft)	(/6")	(tsf)	(%)				
MEDIUM tan CLAY LOAM			0.8 P	20.0			79.10	
	97.60	2						
SOFT tan SILTY LOAM		3	0.3 P	24.0				
	96.10	2						
VERY STIFF gray SILTY LOAM		4						
		2	4.0 P	21.0				
	93.60	7						
STIFF gray SILTY LOAM with LIMESTONE fragments		2						
		4	1.3 P	23.0				
	91.10	2						
VERY STIFF brown SILTY LOAM with LIMESTONE fragments		3						
		3	2.7 P	24.0				
	88.60	3						
SOFT tan SILTY LOAM		1						
		1	0.5 B	27.0				
	86.10	2						
VERY SOFT tan SANDY LOAM		1						
		0	0.1 P	22.0				
	83.60	3						
DENSE tan weathered LIMESTONE		3						
		14						
	81.10	26						
		100/4"						

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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Page 1 of 1
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ROUTE FA 742 DESCRIPTION P92-064-6 Retaining wall, IL 2 at Mud Creek Road LOGGED BY W. Garza

SECTION 37 RS-3 LOCATION Rockvale Twp. - 28 NW, 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	B L O W S	U C S	M O I S T U R E	Groundwater Elev.:			
					Surface Water Elev.	Stream Bed Elev.	First Encounter	Upon Completion
					92.00			
BORING NO. <u>B-5d</u> Station <u>731+00</u> Offset <u>13.00ft Rt CL</u> Ground Surface Elev. <u>99.90</u> ft	(ft)	(/6")	(tsf)	(%)				
SOFT brown SILTY CLAY LOAM			0.4 P	22.0				
	97.40	1						
MEDIUM brown SILTY CLAY LOAM		2	0.8 P	27.0				
	95.90	4						
STIFF dark gray LOAM with LIMESTONE fragments		4						
		8	2.0 P	29.0				
	92.90	11						
No Recovery		4						
		3						
	90.90	3						
LOOSE tan/brown weathered LIMESTONE/LOAM		4						
		3						
	88.40	4						
No Recovery		2						
		1						
	85.40	3						
SOFT gray LOAM with tan weathered LIMESTONE		2						
		2	0.3 P	23.0				
	83.40	3						
VERY DENSE tan weathered LIMESTONE		100/5"						
	81.90							
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)

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING LOGS	F.A.P. RTE. 742	SECTION 37R-4	COUNTY OGLE	TOTAL SHEETS 867	SHEET NO. 423		
CONTRACT NO. 64E17	PLOT SCALE = 1/8" = 1' IN.		CHECKED -			REVISED -	SCALE: SHEET NO. OF SHEETS STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			
	PLOT DATE = Tue Mar 30 09:31:27 2010		DATE -			REVISED -						