


BORING LOGS



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

SOIL BORING LOG

Page 1 of 1
Date 4/3/08

ROUTE FA 742 DESCRIPTION P92-064-86 Retaining wall, IL 2 at Mud Creek Road LOGGED BY W. Garza


SECTION 37 RS-3 LOCATION Rockvale Twp. - 28NW, 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 Qu	M O I S T	Surface Water Elev.	
					ft	ft
BORING NO. <u>B-8d</u> Station <u>734+00</u> Offset <u>12.00ft Rt CL</u> Ground Surface Elev. <u>99.90</u> ft	(ft)	(/6")	(tsf)	(%)	Groundwater Elev.:	
					First Encounter	<u>87.4</u> ft ▼
					Upon Completion	ft
					After _____ Hrs.	ft
SOFT brown SILTY CLAY LOAM			0.3 P	24.0		
MEDIUM brown SILTY CLAY LOAM	97.40	1				
		2	0.5 P	27.0		
	95.90	3				
STIFF gray/brown SILTY CLAY LOAM with LIMESTONE fragments		3				
		7	1.4 B	21.0		
	93.40	10				
STIFF dark brown SILTY CLAY LOAM with LIMESTONE fragments		3				
		5	1.1 P	22.0		
	90.90	9				
MEDIUM dark brown SILTY CLAY		3				
		3	0.9 B	32.0		
	87.90	5				
very little recovery fine SAND and LIMESTONE fragments		3				
		5				
	85.90	6				
VERY DENSE tan weathered LIMESTONE		1				
		1				
	82.90	87				
Borehole continued with rock coring.						

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 Retaining wall, IL 2 at Mud 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 Qu	M O I S T	Surface Water Elev.	
					ft	ft
BORING NO. <u>B-9d</u> Station <u>735+00</u> Offset <u>13.00ft Rt CL</u> Ground Surface Elev. <u>99.70</u> ft	(ft)	(/6")	(tsf)	(%)	Groundwater Elev.:	
					First Encounter	<u>91.20</u> ft
					Upon Completion	ft
					After _____ Hrs.	ft
VERY SOFT gray SILTY LOAM			0.2 P	16.0		
MEDIUM tan SILTY CLAY LOAM	97.70	1				
		4	1.0 B	22.0		
	96.20	5				
STIFF tan SILTY CLAY LOAM		1				
		4	1.5 B	23.0		
	93.70	7				
SOFT brown SILTY CLAY LOAM and voids		1				
		1	0.3 P	17.0		
	90.70	2				
MEDIUM tan weathered LIMESTONE and voids		1				
		10				
	88.70	5				
MEDIUM tan very weathered LIMESTONE		3				
		5				
	86.20	7				
VERY DENSE tan weathered LIMESTONE		46				
		68				
		32				
	83.20					
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. 425	
ct:\pw_work\PW\DOT\GRANTPM\dms31213\080628logs.dgn		DRAWN -	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 64E17
		CHECKED -	REVISED -								
		DATE -	REVISED -								