


BORING LOGS



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

SOIL BORING LOG

Page 1 of 1
Date 5/8/08

ROUTE FA 742 DESCRIPTION P92-064-86 Retaining wall along Route 2, from a point 950' S. of 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 CME-45 Automatic

STRUCT. NO. Station	D E P T H (ft)	B L O W S (/6")	U C S (tsf)	M O I S T (%)	Surface Water Elev. _____ ft	Stream Bed Elev. _____ ft	Groundwater Elev.: First Encounter _____ ft ▼ Upon Completion _____ ft After _____ Hrs. _____ ft	D E P T H (ft)	B L O W S (/6")	U C S (tsf)	M O I S T (%)
BORING NO. <u>B-1c</u> Station <u>710+19</u> Offset <u>12.00ft Rt CL</u> Ground Surface Elev. <u>679.40</u> ft											
MEDIUM brown LOAM			0.6 P	18.0			Run 1 Box #7 Time: 18 minutes POOR tan LIMESTONE 60% Recovery 0" RQD (continued)				
MEDIUM brown LOAM with LIMESTONE fragments	677.40	2									
	675.90	3	0.8 P	11.0			Box #7 Time: 14 minutes POOR tan weathered LIMESTONE 60% Recovery				
LOOSE tan moist weathered LIMESTONE	673.40	5									
LOOSE tan/brown weathered LIMESTONE	670.90	4					End of Boring				
LOOSE tan weathered LIMESTONE	668.40	3									
MEDIUM tan dry weathered LIMESTONE	665.90	13									
VERY DENSE tan weathered LIMESTONE	663.40	70									
VERY DENSE tan weathered LIMESTONE	660.90	100/9"									
Auger Refusal	660.90										

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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BORING NO. <u>B-2c</u> Station <u>711+00</u> Offset <u>13.00ft Rt CL</u> Ground Surface Elev. <u>679.40</u> ft											
Shoulder Rock											
MEDIUM brown SILTY CLAY LOAM with LIMESTONE fragments	677.40	2									
	675.90	4	0.7 P	21.0							
MEDIUM brown LOAM with LIMESTONE fragments	673.40	7	0.6 P	27.0							
LOOSE tan/brown weathered LIMESTONE	670.90	4									
MEDIUM tan weathered LIMESTONE	668.40	9									
LOOSE tan weathered LIMESTONE	665.90	4									
VERY DENSE tan weathered LIMESTONE	663.40	100/2"									
Auger Refusal	663.40										
End of Boring											

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