


BORING LOGS



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

SOIL BORING LOG

Page 1 of 1
Date 6/16/09

ROUTE FA 742 DESCRIPTION P92-064-86 IL 2 Retaining Wall, .3 m. N. of Mud Creek Road LOGGED BY W. Garza


SECTION 37 RS-3 LOCATION Rockvale Twp. - 21SW, SEC. , TWP. 24N, RNG. 10E

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

STRUCT. NO. Station	BORING NO. Station	Offset Ground Surface Elev.	D E P T H ft	B L O W S Qu	U C S tsf	M O I S T %	Surface Water Elev.		Stream Bed Elev.		Groundwater Elev.:	
							ft	ft	ft	ft	ft	ft
	<u>B-5k</u>	<u>743+91</u>										
		<u>15.00ft Lt CL</u>										
		<u>683.50</u>										
MEDIUM brown SILTY CLAY LOAM				0.6	25.0							
				P								
STIFF brown SILTY CLAY LOAM				1								
				3	1.7	25.0						
				4	B							
MEDIUM tan dirty SAND				2								
				4								
				6								
DENSE tan clean medium dry coarse SAND				8								
				17								
				17								
MEDIUM tan moist SAND with LIMESTONE fragments				6								
				11								
				12								
MEDIUM tan weathered LIMESTONE				12								
				13								
				13								
DENSE tan weathered LIMESTONE				18								
				12								
				26								
DENSE tan weathered LIMESTONE				20								
				15								
				18								
				16								

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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							ft	ft	ft	ft	ft	ft
	<u>B-5k</u>	<u>744+00</u>										
		<u>15.00ft Rt CL</u>										
		<u>683.70</u>										
STIFF brown SILTY CLAY LOAM												
VERY STIFF brown SILTY CLAY LOAM				3								
				5	2.5	22.0						
				7	B							
STIFF gray SILTY CLAY LOAM with SAND lens				1								
				2	1.1	22.0						
				3	B							
Concrete top 6"				5								
VERY DENSE tan weathered LIMESTONE or FILL				9								
Auger Refusal at 7.0'				100								
Moved to 744+10, 15' Rt.												
Hit Concrete at 6.5'												
End of Boring												

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