


BORING LOGS



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

SOIL BORING LOG

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Date 4/3/08

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 S	B L O W S	U C S Qu	M O I S T ure	Surface Water Elev.	
					ft	ft
BORING NO. <u>B-10d</u> Station <u>736+00</u> Offset <u>13.00ft Rt CL</u> Ground Surface Elev. <u>99.80</u> ft					Groundwater Elev.:	
					First Encounter	<u>87.8</u> ft ▼
					Upon Completion	<u>Dry</u> ft
					After _____ Hrs.	<u>_____</u> ft
STIFF gray SILTY LOAM			1.3 P	19.0		
STIFF tan SILTY CLAY LOAM	97.80	2				
		3	1.6	24.0		
	96.30	4	P			
VERY STIFF tan SILTY CLAY LOAM		3				
		3	2.4	24.0		
	93.80	6	P			
MEDIUM gray SILTY CLAY LOAM		2				
		2	0.9	25.0		
	91.30	3	P			
SOFT brown SILTY CLAY LOAM with LIMESTONE fragments		0				
		1	0.4	27.0		
	88.30	2	P			
SOFT tan very weathered LIMESTONE		3				
		1				
	86.30	3				
VERY DENSE tan weathered LIMESTONE		7				
		32				
Auger Refusal	83.80	68				
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)



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STRUCT. NO. Station	D E P T H S	B L O W S	U C S Qu	M O I S T ure	Surface Water Elev.	
					ft	ft
BORING NO. <u>B-11d</u> Station <u>737+00</u> Offset <u>13.00ft Rt CL</u> Ground Surface Elev. <u>99.70</u> ft					Groundwater Elev.:	
					First Encounter	<u>92.7</u> ft ▼
					Upon Completion	<u>91.2</u> ft ▼
					After _____ Hrs.	<u>_____</u> ft
SOFT tan SILTY LOAM			0.4 P	16.0		
VERY STIFF tan SILTY LOAM	97.70	2				
		3	2.1	23.0		
	96.20	4	P			
VERY STIFF gray SILTY LOAM		4				
		5	2.7	24.0		
	93.20	6	P			
SOFT tan weathered LIMESTONE and voids		2				
		1				
	91.20	7				
MEDIUM tan weathered LIMESTONE		1				
		10				
	88.70	11				
No Recovery		2				
		2				
	86.20	2				
VERY DENSE white weathered LIMESTONE		1				
		4				
Auger Refusal	83.70	100/6"				
End of Boring						

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