


SOIL BORING LOGS



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

SOIL BORING LOG

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Date 11/17/10


ROUTE FAP 742 DESCRIPTION D92-015-00 Retaining Wall, 200' S. of Prairie and 700' N. of Prairie LOGGED BY W. Garza

SECTION 34R LOCATION SEC. , TWP. , RNG.

COUNTY Winnebago 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	Surface Water Elev.	
					ft	ft
325+00						
BORING NO. <u>B-1</u> Station <u>325+00</u> Offset <u>32.00ft RI CL</u> Ground Surface Elev. <u>779.50</u> ft	(ft)	(/6")	(tsf)	(%)	Groundwater Elev.:	
					First Encounter	ft
					Upon Completion	ft
					After	Hrs. ft
STIFF brown SILTY CLAY LOAM			1.1 P	21.0		
	777.50		4			
STIFF brown SILTY CLAY LOAM			6 7	1.1 P	23.0	
	775.50					
DENSE tan weathered LIMESTONE			10 20 30			
	773.50					
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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ROUTE FAP 742 DESCRIPTION D92-015-00 Retaining Wall, 200' S. of Prairie and 700' N. of Prairie Road LOGGED BY W. Garza

SECTION 34R LOCATION SEC. , TWP. , RNG.

COUNTY Winnebago 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	Surface Water Elev.	
					ft	ft
325+00						
BORING NO. <u>B-2</u> Station <u>325+00</u> Offset <u>59.00ft RI CL</u> Ground Surface Elev. <u>778.70</u> ft	(ft)	(/6")	(tsf)	(%)	Groundwater Elev.:	
					First Encounter	ft
					Upon Completion	ft
					After	Hrs. ft
SOFT dark brown SILTY LOAM			0.4 P	41.0		
	776.70		5			
HARD light brown SILTY LOAM			6 8	4.5 P	17.0	
	774.70					
MEDIUM tan weathered LIMESTONE			8 11 15			
	772.70					
End of Boring						

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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)