


SOIL BORING LOGS



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

SOIL BORING LOG

Page 1 of 1
Date 11/17/10


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.	D	B	U	M	Surface Water Elev.	ft
Station <u>333+00</u>					Stream Bed Elev.	ft
BORING NO. <u>B-9</u>	D E P T H	B L U G S	U N D E R	M O I S T	Groundwater Elev.:	ft
Station <u>333+24</u>					First Encounter	ft
Offset <u>50.00ft Rt CL</u>					Upon Completion	ft
Ground Surface Elev. <u>746.90</u> ft					After _____ Hrs.	ft
4" 1st Encounter weathered LIMESTONE						
Auger Refusal at 2.0' 744.90						
End of Boring						
					-5	
					-10	
					-15	
					-20	

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

STRUCT. NO.	D	B	U	M	Surface Water Elev.	ft
Station <u>330+00</u>					Stream Bed Elev.	ft
BORING NO. <u>B-10</u>	D E P T H	B L U G S	U N D E R	M O I S T	Groundwater Elev.:	ft
Station <u>330+23</u>					First Encounter	ft
Offset <u>50.00ft Rt CL</u>					Upon Completion	ft
Ground Surface Elev. <u>767.20</u> ft					After _____ Hrs.	ft
MEDIUM brown LOAM						
					0.5	23.0
					P	
					765.20	
DENSE tan weathered LIMESTONE						
					16	
					14	
					19	
					763.70	
VERY DENSE tan weathered LIMESTONE						
					-5	
					100/13"	
					761.20	
End of Boring						
					-10	
					-15	
					-20	

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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)