

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

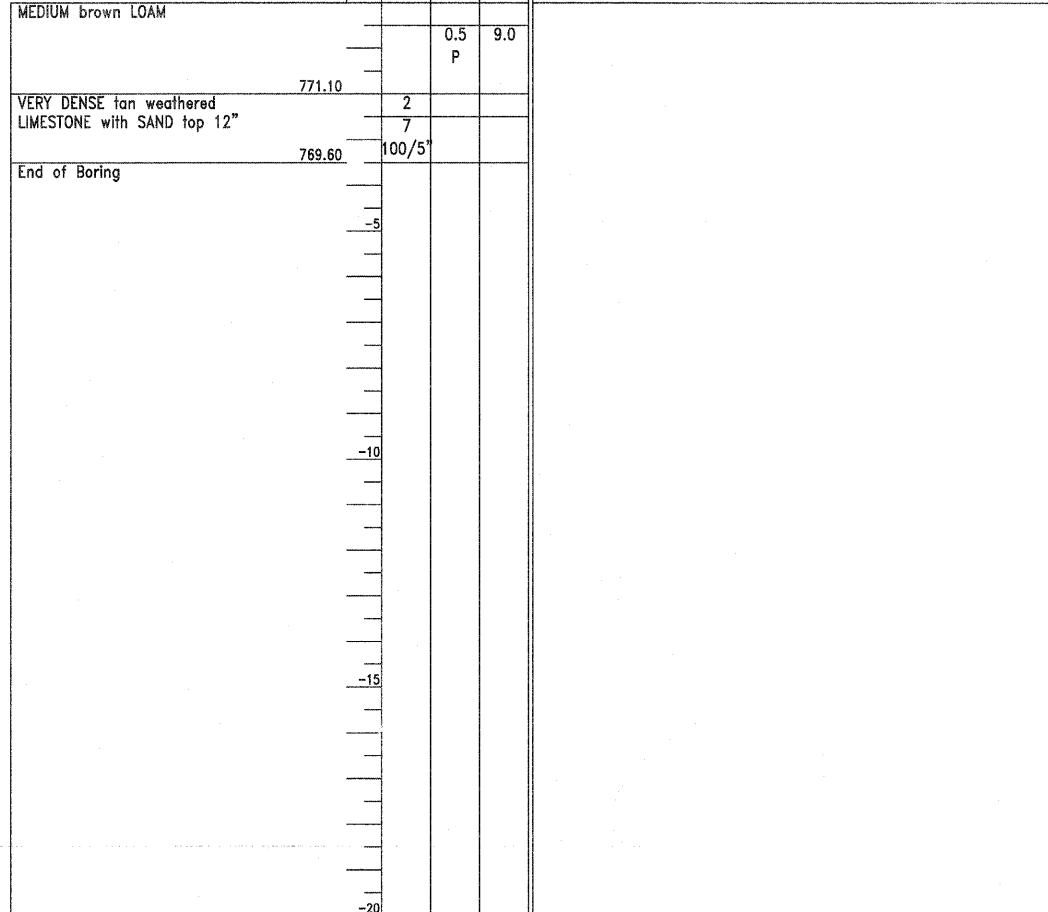
ROUTE FAP 742 DESCRIPTION D92-015-00 Retaining Wall, 200' S. of Prairie and 700' N. of Prairie Road LOGGED BY W. Garza

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

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

STRUCT. NO. _____
 Station 328+00
 BORING NO. B-7
 Station 328+00
 Offset 32.00ft RI CL
 Ground Surface Elev. 773.10 ft

	D E P T H S	B L O W S	U C S Qu	M O I S T	Surface Water Elev. _____ ft Stream Bed Elev. _____ ft Groundwater Elev.: First Encounter _____ ft Upon Completion _____ ft After _____ Hrs. _____ ft
	(ft)	(/6")	(tsf)	(%)	
MEDIUM brown LOAM			0.5 P	9.0	
771.10					
VERY DENSE tan weathered Limestone with SAND top 12"		2			
769.60		100/5			
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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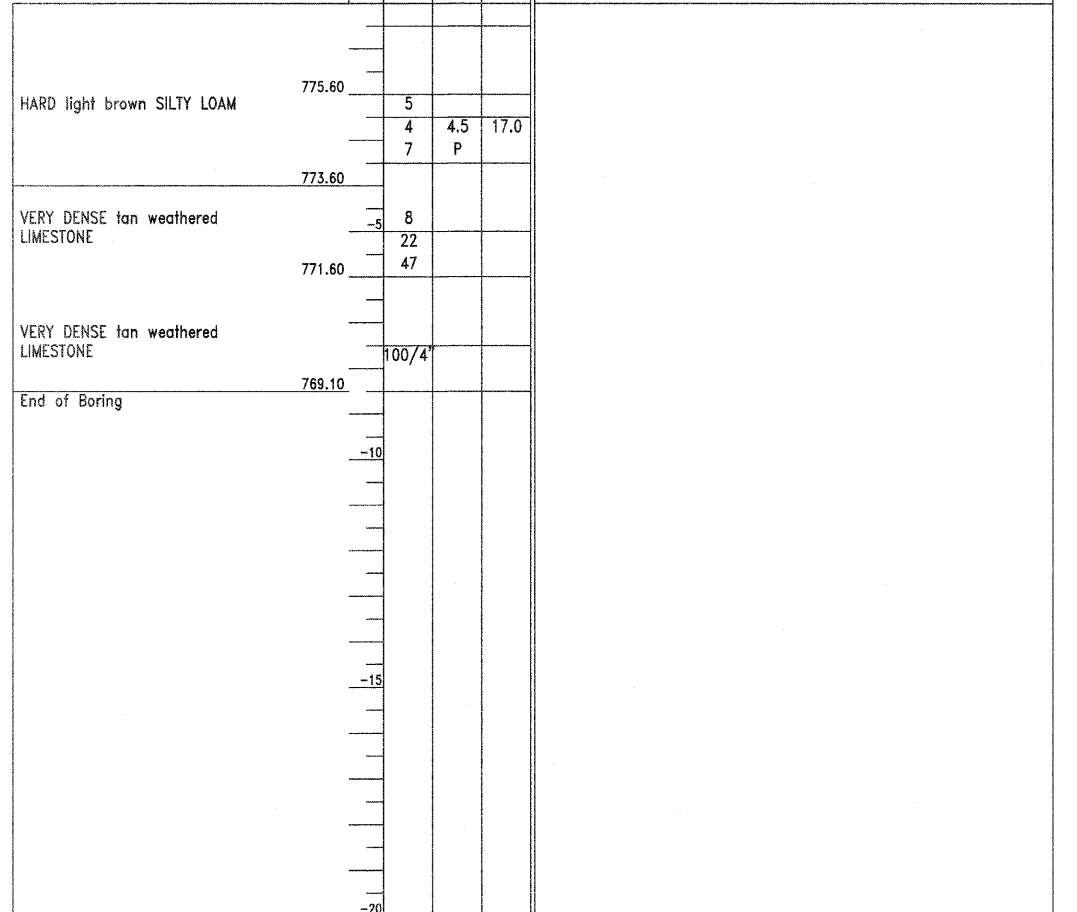
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SECTION 34R LOCATION , SEC. , TWP. , RNG.

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

STRUCT. NO. _____
 Station 328+00
 BORING NO. B-8
 Station 327+92
 Offset 54.00ft RI CL
 Ground Surface Elev. 777.60 ft

	D E P T H S	B L O W S	U C S Qu	M O I S T	Surface Water Elev. _____ ft Stream Bed Elev. _____ ft Groundwater Elev.: First Encounter _____ ft Upon Completion _____ ft After _____ Hrs. _____ ft
	(ft)	(/6")	(tsf)	(%)	
HARD light brown SILTY LOAM					
775.60					
		5			
		4	4.5	17.0	
		7	P		
773.60					
VERY DENSE tan weathered Limestone					
771.60					
		8			
		22			
		47			
769.10					
VERY DENSE tan weathered Limestone					
		100/4			
769.10					
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)