

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 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 327+00
BORING NO. B-5 Station 327+07 Offset 32.00ft RI CL Ground Surface Elev. 776.20 ft
D E P T H (ft) B L O W S (/6") U C S (tst) M O I S T (%)

Soil Description	Elevation (ft)	Blow Count (/6")	UCS (tst)	Moisture (%)
VERY SOFT light brown LOAM	774.20		0.0 P	22.0
SOFT light brown SILTY LOAM with LIMESTONE fragments	772.20	17	0.3 P	22.0
VERY DENSE tan weathered LIMESTONE	770.20	100/12		
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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COUNTY Winnebago DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. Station 327+00
BORING NO. B-6 Station 327+00 Offset 57.00ft RI CL Ground Surface Elev. 777.50 ft
D E P T H (ft) B L O W S (/6") U C S (tst) M O I S T (%)

Soil Description	Elevation (ft)	Blow Count (/6")	UCS (tst)	Moisture (%)
MEDIUM brown LOAM			0.5 P	34.0
HARD light brown SILTY LOAM	775.50	67	4.5 P	16.0
DENSE tan weathered LIMESTONE	771.50	1634		
VERY DENSE tan weathered LIMESTONE	769.00	100/3		
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)