


# 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>226+00</u>					Stream Bed Elev.	ft
BORING NO. <u>B-3</u>					Groundwater Elev.:	
Station <u>326+00</u>					First Encounter	ft
Offset <u>31.00ft Rt CL</u>					Upon Completion	ft
Ground Surface Elev. <u>778.20</u> ft	(ft)	(/6")	(tsf)	(%)	After	Hrs. ft

Soil Description	E	L	C	S	Groundwater Elev.:	ft
MEDIUM brown LOAM					0.5	18.0
					P	
STIFF light brown CLAY LOAM					1	25.0
					4	1.4
					5	S
VERY SOFT tan SILTY LOAM					1	26.0
					1	0.2
					4	P
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)



**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>326+00</u>					Stream Bed Elev.	ft
BORING NO. <u>B-4</u>					Groundwater Elev.:	
Station <u>326+05</u>					First Encounter	ft
Offset <u>55.00ft Rt CL</u>					Upon Completion	ft
Ground Surface Elev. <u>777.20</u> ft	(ft)	(/6")	(tsf)	(%)	After	Hrs. ft

Soil Description	E	L	C	S	Groundwater Elev.:	ft
VERY STIFF light brown SILTY LOAM					4	14.0
					5	3.1
					5	P
VERY STIFF light brown SILTY LOAM					4	23.0
					6	3.1
					9	S
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)

FILE NAME =	USER NAME = patp	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>FAP 742 (IL 2) SOIL BORING LOGS</b>	F.A.P. RTE. 742	SECTION 34R	COUNTY WINNEBAGO	TOTAL SHEETS 491	SHEET NO. 319
Gr\2010\TRANS\B10T00\1\DN\Boring Logs\01500-BORING LOGS.dgn		DRAWN -	REVISED -							
PLOT SCALE = 1.0000 "/ IN.		CHECKED -	REVISED -							
PLOT DATE = 1/17/2012		DATE -	REVISED -		SCALE: N/A	SHEET NO. 3 OF 8 SHEETS	STA. TO STA.			CONTRACT NO. 64515
										[ILLINOIS] FED. AID PROJECT