


# BORING LOGS



**Illinois Department of Transportation**  
Division of Highways  
Illinois Department of Transportation

## SOIL BORING LOG

Page 1 of 1  
Date 6/11/12

ROUTE FAP 505 DESCRIPTION 101-1039 P92-069-11 IL 75 Box Culvert, .2 m. W. of Winslow Road LOGGED BY W. Garza


SECTION (W-15D) T-2 LOCATION Harrison Twp. - 20SE, SEC. , TWP. 28N, RNG. 11E

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

STRUCT. NO. Station	D E P T H ft	B L O W S (/6")	U C S tsf	M O I S T %	Surface Water Elev. ft	Stream Bed Elev. ft	Groundwater Elev.: First Encounter ft	Upon Completion ft	After Hrs. ft	D E P T H ft	B L O W S (/6")	U C S tsf	M O I S T %
14" Asphalt													
STIFF brown SILTY LOAM	97.90	2 3 4	1.0 P	31	78.90								
STIFF light brown SILTY CLAY LOAM	93.90	1 2 4	1.1 B	27	76.40								
STIFF light brown SILTY CLAY LOAM	91.40	2 3 5	1.2 B	25									
SOFT tan SILT with fine SAND lens	88.40	2 4 5	0.3 B	24									
LOOSE tan dirty SAND GRAVEL	85.90	12 4 3											
SOFT tan TILL	83.90	2 3 6	0.4 B	13									
STIFF tan TILL	80.90	4 5 9	1.2 B	11									
DENSE tan moist fine SAND		19											

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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14" Asphalt													
MEDIUM light brown SILTY LOAM	97.90	2 1 5	0.5 P	28	78.90								
STIFF light brown SILTY CLAY LOAM	93.90	1 3 5	1.7 B	27	76.40								
STIFF light brown SILTY CLAY LOAM	91.40	3 4 6	1.2 B	26									
VERY SOFT tan SILTY LOAM	88.40	2 2 4	0.2 P	29									
DENSE tan dirty SAND GRAVEL	86.40	14 18 16											
LOOSE tan dirty SAND GRAVEL	83.40	7 3 5											
STIFF tan TILL	80.90	4 6 8	1.0 S	11									
MEDIUM tan fine moist SAND		6											

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