


BORING LOG B-1



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

**SOIL BORING LOG**

Page 1 of 1

Date 1/20/05

ROUTE FAP 303 DESCRIPTION P92-123-00 IL 173 Box Culvert, 700' E. of IL 173, Machesney Park LOGGED BY W. Garza


SECTION 129R LOCATION Harlem Twp. - 20 NW, SEC. TWP. 45N, RNG. 2E

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

STRUCT. NO. Station	D E P T H	B L O W S	U C S	M O I S T	Surface Water Elev. Stream Bed Elev.	D E P T H	B L O W S	U C S	M O I S T
BORING NO. B-1 Station 2152+59 Offset 00.00ft RL CL Ground Surface Elev. 91.80 ft					91.20 ft 91.20 ft				
					Groundwater Elev.: First Encounter 72.4 ft Upon Completion 69.9 ft After Hrs.				
MEDIUM brown SANDY LOAM			0.8 P	18.0					
	90.40								
MEDIUM brown/tan SAND & GRAVEL		7 6 6							
	88.40								
LOOSE brown SAND & GRAVEL, moist		3 3 6							
	85.90								
LOOSE brown dirty SAND & GRAVEL		4 4 4							
	83.40								
LOOSE brown clean SAND & GRAVEL, moist		2 2 4							
	80.90								
LOOSE/MEDIUM brown SAND & GRAVEL		3 4 6							
	78.40								
LOOSE/MEDIUM tan SAND & GRAVEL		4 4 6							
	75.90								
LOOSE tan very moist clean medium SAND		2 2 6							
	73.40								
LOOSE tan clean medium SAND		1							
	72.40								

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 T208)  
BBS, from 137 (Rev. 8-99)

BORING LOG B-3



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

**SOIL BORING LOG**

Page 1 of 1

Date 1/24/05

ROUTE FAP 303 DESCRIPTION P92-123-00 IL 173, Box Culvert, 700' E. of IL 173, Machesney Park LOGGED BY W. Garza

SECTION 129R LOCATION Harlem Twp. - 20 NW, SEC. TWP. 45N, RNG. 2E

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

STRUCT. NO. Station	D E P T H	B L O W S	U C S	M O I S T	Surface Water Elev. Stream Bed Elev.	D E P T H	B L O W S	U C S	M O I S T
BORING NO. B-3 Station 2153+62 Offset 36.00ft RL CL Ground Surface Elev. 90.90 ft					91.20 ft 91.20 ft				
					Groundwater Elev.: First Encounter 73.4 ft Upon Completion 70.4 ft After Hrs.				
MEDIUM dark brown SANDY LOAM			0.5 P	11.0					
	88.90								
MEDIUM brown tan SAND & GRAVEL		8 9 10							
	87.40								
MEDIUM tan SAND & GRAVEL		4 5 6							
	84.90								
MEDIUM tan clean medium SAND		4 5 6							
	82.40								
VERY LOOSE/LOOSE tan clean medium SAND, dry		3 2 2							
	78.90								
LOOSE tan clean medium SAND		2 3 4							
	77.40								
LOOSE tan SAND & GRAVEL		2 3 5							
	74.90								
LOOSE tan clean medium SAND		5 3 2							
	72.40								

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 T208)  
BBS, from 137 (Rev. 8-99)

FILE NAME = ...D264987-2051-005-BoringLogs1.dgn	USER NAME = SAW	DESIGNED - JLA	REVISD -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>BORING LOGS 1 IL 173 OVER WILLOW CREEK TRIBUTARY</b>	F.A.P. RTE. 303	SECTION 129K-1	COUNTY WINNEBAGO	TOTAL SHEETS 40±	SHEET NO. 276	
PLOT SCALE = 0:2.0000 ' / IN.	DRAWN - SAW	CHECKED - JLA	REVISD -			S.N. 101-2051 CONTRACT NO. 64987					
PLOT DATE = 10/29/2010	CHECKED - JLA	REVISD -	REVISD -			ILLINOIS FED. AID PROJECT					
SHEET NO. 5 OF 6 SHEETS											