


BORING LOG B-2



**Illinois Department of Transportation**  
Division of Highways  
Illinois Department of Transportation 0-3

**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 251, 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.	D	B	U	M	Surface Water Elev.	D	B	U	M			
Station	E	L	C	O	91.20 ft	E	L	C	O			
	P	O	S	I	Stream Bed Elev.	P	O	S	I			
BORING NO.	T	W	H	S	Qu	T	H	S	Qu			
Station	H	S	Qu	T	Groundwater Elev.:	H	S	Qu	T			
Offset					First Encounter							
Ground Surface Elev.	ft	(ft)	(#6")	(tsf)	(%)	After	Hrs.	ft	(ft)	(#6")	(tsf)	(%)
MEDIUM brown SAND				10.0	MEDIUM tan SAND & GRAVEL (continued)				11			
92.90									13			
LOOSE/MEDIUM brown/tan SAND & GRAVEL		6			MEDIUM tan fine SAND				4			
		4							6			
90.90		6							7			
LOOSE tan SAND & GRAVEL		3			LOOSE tan fine SAND				2			
		4							3			
88.40		4							6			
LOOSE tan SAND & GRAVEL		1			MEDIUM tan clean medium SAND				6			
		2							10			
85.90		3							12			
LOOSE/VERY LOOSE tan clean medium SAND, moist		1			Wash				4			
		2			LOOSE/MEDIUM tan clean medium SAND				4			
83.40		2			End of Boring				6			
LOOSE tan clean medium SAND, moist		3										
		3										
80.90		5										
MEDIUM tan clean medium SAND, dry		5										
		6										
78.40		5										
LOOSE tan SAND & GRAVEL		3										
		4										
75.90		4										
MEDIUM tan SAND & GRAVEL		9										

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 = ...D264987-2052-006-BorInglLog.dgn	USER NAME = SAW	DESIGNED - JLA	REVISIED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>BORING LOG N. 2ND FRONTAGE ROAD OVER WILLOW CREEK TRIBUTARY</b>	F.A.P. RTE. 303	SECTION 129K-1 S.N. 101-2052	COUNTY WINNEBAGO	TOTAL SHEETS 40+	SHEET NO. 287
PLOT SCALE = 0:2.0000' / 1IN.				SHEET NO. 6 OF 6 SHEETS		ILLINOIS FED. AID PROJECT				
PLOT DATE = 10/29/2010										