



Illinois Department
of Transportation
Division of Highways
IDOT - Region 3/Dist 5

SOIL BORING LOG

Page 1 of 1

Date 4/20/07

ROUTE FAP 323 (US 36) DESCRIPTION US 36 over Bear Creek 0.5 Miles East of Atwood LOGGED BY RRW

SECTION (143BR)BR LOCATION NW, SEC. 5, TWP. 15N, RNG. 7E

COUNTY Douglas DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	<u>021-0016</u>	D	B	U	M	Surface Water Elev.	<u>662.3</u> ft	D	B	U	M
Station	<u>82+10</u>	E	L	C	O	Stream Bed Elev.	<u>661.3</u> ft	E	L	C	O
BORING NO.	<u>1 NE Boring</u>	P	O	S	I	Groundwater Elev.:		P	O	S	I
Station	<u>82+27</u>	T	W	Qu	T	First Encounter	<u>639.5</u> ft ▼	T	W	Qu	T
Offset	<u>14.0 ft Lt.</u>	H	S			Upon Completion	<u>Plugged</u> ft	H	S		
Ground Surface Elev.	<u>667.5</u> ft	(ft)	(6")	(tsf)	(%)	After _____ Hrs.	_____ ft	(ft)	(6")	(tsf)	(%)

Brown Silty Clay					Gray Sandy Clay Loam Till (continued)								
Black Silty Clay					Brownish Gray Silty Sand								
Black/Gray Silty Clay					End of Boring								
Gray Sandy Clay Loam Till					End of Boring								

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.
 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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STRUCT. NO.	<u>021-0016</u>	D	B	U	M	Surface Water Elev.	<u>662.3</u> ft	D	B	U	M
Station	<u>82+10</u>	E	L	C	O	Stream Bed Elev.	<u>661.3</u> ft	E	L	C	O
BORING NO.	<u>2 SW Boring</u>	P	O	S	I	Groundwater Elev.:		P	O	S	I
Station	<u>81+93</u>	T	W	Qu	T	First Encounter	_____ ft	T	W	Qu	T
Offset	<u>14.0 ft Rt.</u>	H	S			Upon Completion	<u>Plugged</u> ft	H	S		
Ground Surface Elev.	<u>667.5</u> ft	(ft)	(6")	(tsf)	(%)	After _____ Hrs.	_____ ft	(ft)	(6")	(tsf)	(%)

Gray Mottled Silty Clay					Gray Sandy Clay Loam Till (continued)								
Dark Gray Mottled Sandy Clay					End of Boring								
Dark Gray Mottled Sandy Clay Loam					End of Boring								
Gray Sandy Clay Loam Till					End of Boring								

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BBS, from 137 (Rev. 8-99)

FILE NAME =	USER NAME = ceorlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORINGS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ce\pwwork\pwwork\IDOT\CEARLOCKJD\0110229\4754SOILBORING.DGN		DRAWN -	REVISED -			323	(143BR)BR	Douglas	68	16	
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 70223		ILLINOIS FED. AID PROJECT			
PLOT DATE = 12/17/2009		DATE -	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA. TO STA.			