


BORING EL 100.00 = PLAN DATUM EL 895.14

BORING B-3



**Illinois Department of Transportation**  
Division of Highways  
1007

**SOIL BORING LOG**

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Date 11/22/06

ROUTE FAP 654 DESCRIPTION P92-113-06 IL 73 box culvert, .2 m. N. of W. Goddard Road LOGGED BY W. Garza


SECTION 107 T-1 LOCATION Kent Twp. - 4 SW, SEC. , TWP. 27N, RNG. 6E

COUNTY Stephenson DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO. Station	DEPTH ft	BLOW S	UCS (tsf)	MOIST (%)	Surface Water Elev.	
					ft	ft
BORING NO. <u>B-2</u> Station <u>609+02</u> Offset <u>32.00ft Rt CL</u> Ground Surface Elev. <u>96.7</u>					Stream Bed Elev. <u>96.7</u>	Groundwater Elev.: First Encounter <u>89.7</u> Upon Completion <u>ft</u> After <u>Hrs.</u>
SOFT dark brown SILTY LOAM			0.4 P	35		
MEDIUM dark gray LOAM	94.70	1 3 4	0.7 B	32		
VERY DENSE tan weathered LIMESTONE	92.70	32 25 32				
VERY DENSE tan weathered LIMESTONE	90.70	100/1				
End of Boring	88.20					

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)

BORING B-4



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SECTION 107 T-1 LOCATION Kent Twp. - 4 SW, SEC. , TWP. 27N, RNG. 6E

COUNTY Stephenson DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO. Station	DEPTH ft	BLOW S	UCS (tsf)	MOIST (%)	Surface Water Elev.	
					ft	ft
BORING NO. <u>B-1</u> Station <u>609+61</u> Offset <u>12.00ft Lt CL</u> Ground Surface Elev. <u>99.7</u>					Stream Bed Elev. <u>94.5</u>	Groundwater Elev.: First Encounter <u>90.2</u> Upon Completion <u>ft</u> After <u>Hrs.</u>
STIFF brown SILTY CLAY LOAM			1.1 P	19		
MEDIUM gray SILTY LOAM	97.70	3 3 3	0.6 B	24		
MEDIUM black SILTY LOAM	96.20	2 3 4	0.9 B	33		
DENSE tan weathered LIMESTONE	93.20	2 9 27				
VERY DENSE tan weathered LIMESTONE	91.20	16 100/7				
End of Boring	88.70					

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)

**COOMBE-BLOXDORF P.C.**  
Engineers / Land Surveyors  
Springfield, Illinois  
Design Firm License No. 184-002703

FILE NAME = ...\\07\07075\vb8\ms\z113061ogsl.dgn	USER NAME = CFC-ms	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>BORING LOGS</b>	F.A.S. RTE. 1087	SECTION 107T-1	COUNTY STEPHENSON	TOTAL SHEETS 47	SHEET NO. 19		
PLOT SCALE = 1.0000 / / IN.	CHECKED -	REVISED -	SCALE:			SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.	CONTRACT NO. 64C64			
PLOT DATE = 01/21/2008	DATE -	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT									