BORING LOGS

Illinois Department of Transportation
Division of Highways
District 2, Dixon

SOIL BORING LOG

Page 1 of 1

Date 4/10/02

ROUTE FA 642 DESCRIPTION P92-167-90 IL 78 culvert, 1/2 m. S. of Center Road LOGGED BY C. Jenkins

SECTION (10, 11) RS-2 LOCATION Stockton Twp. - 23SE, SW, SEC. , TWP. 27N, RNG. 4E

COUNTY JoDaviess DRILLING METHOD Hollow Stem Auger HAMMER TYPE Diedrich Automatic

STRUCT. NO. _____
Station 501+30

BORING NO. B-1b
Station 501+10
Offset 9.00ft Lt CL
Ground Surface Elev. 99.6 ft

Surface Water Elev. 93.8 ft
Stream Bed Elev. 93.5 ft

Groundwater Elev.:
First Encounter 94.6 ft ▼
Upon Completion 85.1 ft ▽
After ____ Hrs. _____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Asphalt Concrete MEDIUM brown SILTY CLAY with GRAVEL		0.9 P	22
97.10			
MEDIUM yellow/gray weathered LIMESTONE chunks, probably fill	25 8 5		
95.60			
-5 ▼			
LOOSE yellow/orange weathered LIMESTONE	12 5 1		
92.60			
SOFT tan/gray SILTY LOAM	1 1 3	0.3 B	34
90.10			
-10			
MEDIUM tan/gray weathered LIMESTONE	2 4 15		
88.10			
VERY DENSE yellow/tan weathered LIMESTONE	100/6" PEN		
Auger Refusal			
85.10 ▽			
End of Boring			
-15			
-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)

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COUNTY JoDaviess DRILLING METHOD Hollow Stem Auger HAMMER TYPE Diedrich Automatic

STRUCT. NO. _____
Station 501+30

BORING NO. B-2b
Station 501+45
Offset 9.50ft Rt CL
Ground Surface Elev. 99.9 ft

Surface Water Elev. 93.8 ft
Stream Bed Elev. 93.5 ft

Groundwater Elev.:
First Encounter None ft
Upon Completion Dry ft
After ____ Hrs. _____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Asphalt Concrete STIFF brown SILTY CLAY TILL		1.1 P	21
97.40			
MEDIUM brown SILTY LOAM	3 3 4	0.5 B	24
95.90			
-5			
SOFT black/brown SILTY LOAM	0 1 2	0.3 B	30
93.40			
MEDIUM gray/black SILTY LOAM	2 2 3	0.5 B	38
90.40			
-10			
VERY DENSE yellow weathered LIMESTONE	5 32 56		
88.40			
Same as above	100/3" PEN		
86.40			
End of Boring			
-15			
-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)

FILE NAME = c:\pw_work\PWIDOT\HENSONKE\dms33697\D0707BOR.DGN	USER NAME = hensonke	DESIGNED -	REVISED -
	PLOT SCALE = 165.0000 ' / IN.	DRAWN -	REVISED -
	PLOT DATE = Wed Sep 03 10:24:02 2008	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	(10,11)T	JO DAVIESS	283	111
		CONTRACT NO. 64D07		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		