BORING LOGS

Illinois Department of Transportation
Division of Highways
District 2, Dixon

SOIL BORING LOG

Page 1 of 1

Date 3/22/02

ROUTE FA 642 DESCRIPTION P92167-90 IL 78 culvert, 1.6 m. S. of Moresville Road LOGGED BY T. Wendel

SECTION (10, 11) RS-2 LOCATION Pleasant Valley Twp. - NE, SEC. 3, TWP. 26N, RNG. 4E

COUNTY JoDaviess DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.
Station 336+20

BORING NO. B-1f
Station 336+13
Offset 22.00ft Rt CL
Ground Surface Elev. 98.5 ft

Surface Water Elev. Dry ft
Stream Bed Elev. 93.0 ft

Groundwater Elev.:
First Encounter 93.0 ft
Upon Completion Dry ft
After ____ Hrs. ____ ft

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM brown CLAY LOAM			0.5 P	25
	96.50			
MEDIUM light brown CLAY LOAM		3 2 4	0.7 B	23
	95.00			
STIFF redish brown CLAY LOAM	-5	3 6 7	1.4 B	35
	92.50			
DENSE tan weathered LIMESTONE with CLAY LOAM in top 4"		11 11 41		
	90.00			
MEDIUM tan SANDY CLAY with LIMESTONE fragments	-10	7 4 6	0.5 P	24
	87.00			
MEDIUM tan weathered LIMESTONE		5 6 8		
	85.00			
Same as above	-15	8 5 7		
	82.50			
MEDIUM brown/tan fine SAND with weathered LIMESTONE in top 5"		12 7 5		
	80.00			
	-20			

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM brown/tan weathered LIMESTONE *(continued)*		7 9 7		
	77.50			
DENSE brown/tan weathered LIMESTONE with SAND lens		22 21 21		
	75.00			
DENSE tan weathered LIMESTONE	-25	20 12 21		
	72.50			
VERY DENSE tan weathered LIMESTONE		12 88/6" PEN		
	70.50			
End of Boring	-30			
	-35			
	-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 T206)
BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
District 2, Dixon

SOIL BORING LOG

Page 1 of 1

Date 3/29/02

ROUTE FA 642 DESCRIPTION P92-167-90 IL 78 culvert, 1.6 m. S. of Moresville Road LOGGED BY C. Jenkins

SECTION (10, 11) RS-2 LOCATION Pleasant Valley Twp. - NE, SEC. 3, TWP. 26N, RNG. 4E

COUNTY JoDaviess DRILLING METHOD Hollow Stem Auger HAMMER TYPE Diedrich Automatic

STRUCT. NO.
Station 336+20

BORING NO. B-2f
Station 336+30
Offset 11.00ft Lt CL
Ground Surface Elev. 100.2 ft

Surface Water Elev. Dry ft
Stream Bed Elev. 93 ft

Groundwater Elev.:
First Encounter 74.7 ft
Upon Completion 75.7 ft
After ____ Hrs. ____ ft

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM brown SILTY CLAY with GRAVEL			0.9 P	10
	97.20			
MEDIUM gray/tan SILTY CLAY with some GRAVEL		3 3 6	0.5 S	26
	95.70			
STIFF tan SILTY LOAM	-5	5 7 7	1.6 P	18
	92.70			
MEDIUM tan/yellow weathered LIMESTONE		9 11 8		
	90.70			
Same as above	-10	8 7 13		
	88.20			
MEDIUM tan weathered LIMESTONE with CHERT		7 6 7		
	85.70			
Same as above	-15	12 7 7		
	83.20			
DENSE tan/gray weathered LIMESTONE		15 16 16		
	80.70			
	-20			

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM tan/gray weathered LIMESTONE		16 13 15		
	78.20			
VERY DENSE tan/gray weathered LIMESTONE with CHERT		21 27 32		
	75.70			
DENSE tan weathered LIMESTONE	-25	14 12 23		
	73.20			
End of Boring	-30			
	-35			
	-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 T206)
BBS, from 137 (Rev. 8-99)

FILE NAME = c:\pw_work\PWIDOT\HENSONKE\dms33697\D04707BOR.DGN	USER NAME = hensonke	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 165.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = Wed Sep 03 10:24:04 2008	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BOPING 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	105
		CONTRACT NO. 64D07		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		