BORING LOGS

Illinois Department of Transportation
Division of Highways
District 2, Dixon

SOIL BORING LOG

Page 1 of 1

Date 4/9/02

ROUTE FA 642 DESCRIPTION P92-167-90 IL 78 culvert, 0.8 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 484+10

BORING NO. B-1c
Station 483+84
Offset 10.00ft Lt CL
Ground Surface Elev. 99.7 ft

Surface Water Elev. 94.0 ft
Stream Bed Elev. 93.5 ft

Groundwater Elev.:
First Encounter 89.2 ft ▼
Upon Completion 88.7 ft ▽
After ____ Hrs. ____ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Asphalt MEDIUM brown SILTY LOAM with some GRAVEL				0.7 P	25
	96.70				
SOFT black SILTY LOAM with broken CONCRETE pieces			3 3 11	0.4 B	33
	95.20	-5			
MEDIUM black SILTY CLAY with ORGANICS			0 1 2	0.6 B	35
	92.20				
MEDIUM yellow/orange weathered LIMESTONE			4 9 11		
	90.20	-10			
VERY DENSE yellow/orange weathered LIMESTONE			100/5" PEN		
Auger Refusal	87.90				
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 484+10

BORING NO. B-2c
Station 484+36
Offset 9.00ft Rt CL
Ground Surface Elev. 99.9 ft

Surface Water Elev. 94.0 ft
Stream Bed Elev. 93.5 ft

Groundwater Elev.:
First Encounter 89.4 ft ▼
Upon Completion 89.4 ft ▽
After ____ Hrs. ____ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Asphalt Concrete STIFF brown SILTY CLAY with GRAVEL				1.2 P	16
	96.90				
MEDIUM black SILTY LOAM			2 3 3	0.7 P	30
	95.40	-5			
MEDIUM black SILTY LOAM with LIMESTONE fragments with 13% ORGANICS			0 3 4	0.6 P	44
	92.40				
VERY DENSE yellow/orange weathered LIMESTONE			6 10 46		
	90.40	-10			
Same as above			100/2" PEN		
Auger Refusal	88.40				
End of Boring		-15 -20			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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