BORING LOGS

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 1 of 1

ROUTE Bypass 20 DESCRIPTION P92-STW-09 Sign Truss at US 20 Bypass EB, 1 m. W. of Alpine Road Date 10/21/09 LOGGED BY W. Garza

SECTION LOCATION Cherry Valley - 7NW, SEC. , TWP. 43N, RNG. 2E

COUNTY Winnebago DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. 2S101U020R019.8
Station

BORING NO. B-1a
Station 1047+97
Offset 37.00ft Rt EB CL
Ground Surface Elev. 96.70 ft

Surface Water Elev. ft
Stream Bed Elev. ft

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

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM tan SANDY LOAM			0.5 P	10.0
94.70				
VERY DENSE tan SANDY LOAM TILL		10		
		26		6.0
93.20		26		
VERY DENSE tan well cemented SANDY LOAM TILL	-5	26		
		40		6.0
90.20		54		
VERY DENSE Same as above		32		
		100/10"		
88.20				
Same as above	-10	100/10"		
85.70				
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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Page 1 of 1

ROUTE Bypass 20 DESCRIPTION P92-STW-09 Sign Truss at US 20 Bypass, .1 m. W. of Alpine Road Date 11/4/09 LOGGED BY W. Garza

SECTION LOCATION Cherry Valley Twp. - 8NW, SEC. , TWP. 43N, RNG. 2E

COUNTY Winnebago DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. 2S101U020R020.7
Station

BORING NO. B-1b
Station 1095+00
Offset 31.00ft Lt EB CL
Ground Surface Elev. 97.00 ft

Surface Water Elev. ft
Stream Bed Elev. ft

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

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM light brown SANDY LOAM			0.8 P	19.0
95.00				
SOFT brown LOAM		0		
		2	0.3 P	20.0
93.00		2		
MEDIUM tan weathered LIMESTONE	-5	3		
		9		
91.00		14		
MEDIUM tan weathered LIMESTONE		9		
		11		
88.50		10		
VERY DENSE tan weathered LIMESTONE	-10	17		
		100/10"		
86.00				
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 = #FILE#	USER NAME = #USER#	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = #SCALE#	CHECKED -	REVISED -
	PLOT DATE = #DATE#	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

District 2 Sign Structure Replacement

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D-2 OVD SIN STR REPL 2010-36	**	31	23
**	Rock Island & Winnebago	CONTRACT NO. 46101		
* Various	ILLINOIS	FED. AID PROJECT		