BORING LOGS

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

SOIL BORING LOG

Page 1 of 1

Date 10/21/09

ROUTE Bypass 20 DESCRIPTION P92-STW-09 Sign Truss at US 20 Bypass EB, .1 m. W. of Alpine road 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-2a
Station 1047+70
Offset 31.00ft Lt EB CL
Ground Surface Elev. ft

Surface Water Elev. ft
Stream Bed Elev. ft

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

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
SOFT tan SANDY LOAM				0.4 P	11.0
MEDIUM tan clean medium coarse SAND			9 10 14		
VERY DENSE tan SANDY LOAM TILL, crumbly		-5	19 20 32		
DENSE tan SANDY LOAM TILL, as above			32 21 24		8.0
VERY DENSE tan SANDY LOAM TILL, as above		-10	21 22 34		
DENSE tan SANDY LOAM TILL, as above			9 17 23		8.0
VERY DENSE tan SANDY LOAM TILL, as above		-15	20 30 30		
DENSE tan SANDY LOAM TILL, as above			11 19 21		8.0
		-20	17		
VERY DENSE tan SANDY LOAM TILL (continued)			26 33	0.6 P	17.0
VERY DENSE tan SANDY LOAM TILL, moist			2 20 32		9.0
VERY DENSE tan SANDY LOAM TILL		-25	3 21 30		
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
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 1 of 1

Date 11/4/09

ROUTE Bypass 20 DESCRIPTION P92-STW-09 Sign Truss at US 20 Bypass, .1 m. W. of Alpine Road 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-2b
Station 1094+73
Offset 65.00ft Rt OF EB CL
Ground Surface Elev. 97.80 ft

Surface Water Elev. ft
Stream Bed Elev. ft

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

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM brown LOAM				0.6 P	17.0
	95.80				
MEDIUM brown CLAY LOAM with bottom 6" weathered LIMESTONE			2 3 15	0.6 P	22.0
	93.80				
VERY DENSE tan weathered LIMESTONE		-5	100/4"		
	91.80				
End of Boring					
		-10			
		-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 = $FILEL$	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	24
**	Rock Island & Winnebago	CONTRACT NO. 46101		
*	Various	ILLINOIS FED. AID PROJECT		