

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING NO. 1a
STA. 399+71
30' RT. OF ϕ RDWY.

BORING NO. 1a
STA. 399+71
30' RT. OF ϕ RDWY.

BORING NO. 2a
STA. 400+93
26' LT. OF ϕ RDWY.



SOIL BORING LOG

Page 1 of 1

ROUTE FAP 301 DESCRIPTION P92-060-08 Bridge over Bypass 20, Weldon Road over Business 20, 25 m. S. of Business 20 LOGGED BY J. Straling
SECTION (1-1HB-1) D LOCATION Winnebago Twp. - 2SW, SEC. TWP. 26N, RNG. 11E
COUNTY Winnebago DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

DEPTH (ft)	BLOW COUNT (blows/ft)	UCS (tsf)	MOISTURE (%)	SOIL DESCRIPTION	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elev. (ft)	First Encounter Upon Completion (ft)	After (ft)
0					79.00			None	None
0.5	P	10.0		MEDIUM tan SANDY LOAM					
8				VERY DENSE tan weathered LIMESTONE					
100/6"				Auger Refusal					
95.50				Borehole continued with rock coring.					
-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)

Note:
To correct Boring Log B-1a to Plan Datum, add 712.04 to Elevation Value in Boring Log.

DESIGNED	SCD
CHECKED	DRB
DRAWN	THW
CHECKED	SCD



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ROCK CORE LOG

Page 1 of 1

ROUTE FAP 301 DESCRIPTION P92-060-08 Bridge over Bypass 20, Weldon Road over Business 20, 25 m. S. of Business 20 LOGGED BY J. Straling
SECTION (1-1HB-1) D LOCATION Winnebago Twp. - 2SW, SEC. TWP. 26N, RNG. 11E
COUNTY Winnebago CORING METHOD _____

DEPTH (ft)	COVER (%)	RECOVERY (%)	Q (%)	D (%)	UNIT WEIGHT (pcf)	STRENGTH (tsf)
95.50	100	52	1.6	211.0		
Dolomite: yellow-tan, porous, pitted and grainy. t.s.f.: 92.8 to 92.1						
90.50	100	57	1.6	420.0		
Dolomite: as above, intact and sound. t.s.f.: 89.2 to 88.5						
85.50	100	65	1.6	337.0		
Dolomite: as above. t.s.f.: 81.9 to 81.2						
80.50						
End of Boring						

Color pictures of the cores _____
Cores will be stored for examination until _____
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938) BBS, form 138 (Rev. 8-99)



SOIL BORING LOG

Page 1 of 1

ROUTE FAP 301 DESCRIPTION P92-060-08 Bridge over Bypass 20, Weldon Road over Business 20, 25 m. S. of BR 20 LOGGED BY J. Straling
SECTION (1-1HB-1) D LOCATION Winnebago Twp. - 2SW, SEC. TWP. 26N, RNG. 11E
COUNTY Winnebago DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

DEPTH (ft)	BLOW COUNT (blows/ft)	UCS (tsf)	MOISTURE (%)	SOIL DESCRIPTION	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elev. (ft)	First Encounter Upon Completion (ft)	After (ft)
0					79.00			None	None
0.5	P	17.0		MEDIUM brown SILTY LOAM					
77.00									
75.50				Borehole continued with rock coring.					
-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)

Note:
To correct Boring Logs B-2a, B-3a, B-4a & B-5a to Plan Datum, add 733.12 to Elevation Value in Boring Logs.

SOIL BORINGS
S.N. 101-0120

SHEET NO. 31 OF 34 SHEETS	F.A.P. RTE. 301	SECTION (1-1HB-1)D	COUNTY WINNEBAGO	TOTAL SHEETS 55	SHEET NO. 47
	CONTRACT NO. 64E11				
ILLINOIS FED. AID PROJECT					