STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
310	60-14-1B	MADISON	469	159
STA.	31+282.000	TO STA.		
FED. ROAD DIST. NO. 8	ILLINOIS	FED. AID PROJECT-		

Sheet 6 of 6

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

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Date 12/13/01

ROUTE FAP 310 DESCRIPTION Box Culvert at Station 31+282 LOGGED BY Larry Ford

SECTION 60-14 LOCATION , SEC. , TWP. , RNG. , PM

COUNTY Madison DRILLING METHOD Hand Auger HAMMER TYPE

STRUCT. NO.
Station

BORING NO. HA 31
Station 31+279
Offset 54.00m Rt
Ground Surface Elev. 147.70 m

Surface Water Elev. m
Stream Bed Elev. m

Groundwater Elev.:
First Encounter m
Upon Completion Dry Hole m
After Hrs. m

Description	Elev.	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
Gray Silt LOAM	147.4			96	26
Gray and Brown Silty CLAY	147.2			77	24
Gray and Brown Clay LOAM				192	20
				240	22
				268	21
		-1.5		287	20
				259	21
				249	21
				240	20
				316	20
	144.7	-3.0			
End of Hand Auger					
Qu values obtained from Pocket Penetrometer					
		-4.5			
		-6.0			

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

SOIL BORING LOG

Page 1 of 1

Date 12/13/01

ROUTE FAP 310 DESCRIPTION Box Culvert at Station 31+282 LOGGED BY Larry Ford

SECTION 60-14 LOCATION , SEC. , TWP. , RNG. , PM

COUNTY Madison DRILLING METHOD Hand Auger HAMMER TYPE

STRUCT. NO.
Station

BORING NO. HA 32
Station 31+285
Offset 38.00m Lt
Ground Surface Elev. 147.00 m

Surface Water Elev. m
Stream Bed Elev. m

Groundwater Elev.:
First Encounter m
Upon Completion Dry Hole m
After Hrs. m

Description	Elev.	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
Brown Silty Clay LOAM				19	26
	146.4			24	21
Brown Sandy LOAM				24	22
	145.8			19	22
Brown Clay LOAM		-1.5		278	24
				259	24
				240	24
	144.7			259	23
End of Hand Auger Refusal on Shale or Large Gravel in Till					
Qu values obtained from Pocket Penetrometer		-3.0			
		-4.5			
		-6.0			

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)

DESIGNED	B.W.B.
CHECKED	M.A.A.
DRAWN	R.M.R.
CHECKED	B.S.C.

PLANS PREPARED BY:

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 310 OVER TRIBUTARY OF WEST FORK WOOD RIVER
SECTION 60-14-1B
MADISON COUNTY
STATION 31+282
STRUCTURE No. 060-2044
SOIL BORING LOGS