86603

F. A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
80	(50-2)HBR (71X)N & TS-1	LaSALLE	440	120
STA.	TO STA.			
FED. ROAD DIST. NO. 6	ILLINOIS	FED. AID PROJECT		

Illinois Department of Transportation

Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 2

Date 11/290

ROUTE FAI-80 DESCRIPTION Sign Truss SS0500801077.0 LOGGED BY K.W.

SECTION (50-2)HBR & (71X)N & TS-1 LOCATION , SEC., TWP., RNG.

COUNTY LaSalle DRILLING METHOD Hollow Stem Auger HAMMER TYPE automatic

STRUCT. NO. Truss SS0500801077.0
Station 674+70

BORING NO.1 Little Vermilion River Boring, East Abut.
Station 674+72
Offset 8.00ft Lt.
Ground Surface Elev. 591.00 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion ft
After Hrs. ft

	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Stiff Brown Silty Clay Loam Till (THE SOIL DATA FOUND IN THIS BORING WAS TAKEN FROM THE EAST ABUTMENT BORING OF THE LITTLE VERMILION RIVER BRIDGE DRILLED ON 11/2/90)				
588.50				
Very Stiff Brown Silty Clay Loam Till with thin layers of Sand (FILL)		3		
		5	2.7	20.0
		6	B	
	-5	4		
		5	3.0	17.0
		6	P	
584.00				
Very Stiff Gray Shale with pieces of St. Peter Sandstone (FILL)		3		
		4	-	15.0
		4		
	-15	3		
		4	2.5	19.0
		6	B	
		3		
		3	1.5	20.0
		5	P	
	-25	3		
		7	2.2	17.0
		8	P	
574.00				
Very Stiff Brown Silty Clay Loam (FILL)		4		
		6	3.5	21.0
		8	S	
	-35			

	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Very Stiff Brown Silty Clay Loam (FILL) (continued)		3		
		4	3.1	20.0
		6	S	
567.50				
Very Stiff Black & Gray Weathered Shale (FILL)		3		
		4	1.8	20.0
		8	P	
	-25	4		
		5	3.0	18.0	
		8	P	
561.50				
Dense Brown Sand & Gravel with Limestone pieces (FILL)		17		
		15	-	
		18		
	-35	17		
		20	-	
		20		
	-40			

File Name and/or Number
Latitude and Longitude

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 2 of 2

Date 11/290

ROUTE FAI-80 DESCRIPTION Sign Truss SS0500801077.0 LOGGED BY K.W.

SECTION (50-2)HBR & (71X)N & TS-1 LOCATION , SEC., TWP., RNG.

COUNTY LaSalle DRILLING METHOD Hollow Stem Auger HAMMER TYPE automatic

STRUCT. NO. Truss SS0500801077.0
Station 674+70

BORING NO.1 Little Vermilion River Boring, East Abut.
Station 674+72
Offset 8.00ft Lt.
Ground Surface Elev. 591.00 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion ft
After Hrs. ft

	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Dense Brown Sand & Gravel with Limestone pieces (FILL) (continued)		6		
550.00		9	2.7	16.0
Very Stiff Brown Silty Clay Loam and Gray Shale (FILL)		-	P	
546.00				
Very Stiff Black and Gray Sandy Loam with pieces of Limestone & Sandstone with organics (FILL)				
	-45	12		
525.50				
Gray Sand & Gravel with Organics and water		12	2.5	16.0
		14	P	
523.00				
Dense Gray Shale				
	-65	10		
		10	2.2	12.0
		13	P	
	-85	8		
		17	1.6	14.0
		-	S	
503.00				
Stiff Gray Weathered Shale & Silty Clay Till Mixed (FILL)				
	-105			

	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Stiff Gray Weathered Shale & Silty Clay Till Mixed (FILL) (continued)		6		
		8	2.0	22.0
		14	S	
	-125			
	-145			
		8		
		14	2.0	18.0
		14	P	
	-165			
		100/2"		
		-		8.0
	-185			
		100		
		-		11.0
515.50				
End of Boring				
	-205			

File Name and/or Number
Latitude and Longitude

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)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

BORING LOGS

DRAWN BY
DATE CHECKED BY

10/29/2004
c:\projects\ed02994\bor log.dgn