ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 311 (IL 71)	5BR-1	LASALLE	32	22
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 7
8 SHEETS

Contract #66449

Illinois Department of Transportation
Division of Highways
District 03, Ottawa

SOIL BORING LOG

Page 1 of 2

Date 5/19/98

ROUTE FAP 311 (IL 71) DESCRIPTION IL 71 over unnamed creek near Rutland School LOGGED BYK, Whittington

SECTION Section 5BR-1 LOCATION SEC. 22, TWP. 34, RNG. 4, 3rd PM

COUNTY LaSalle DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 050-0067 (existing)
Station 260+23

BORING NO. 1 South Abut.
Station 259+98.5
Offset 9.00ft Lt
Ground Surface Elev. 617.50 ft

Surface Water Elev. 595.30 ft
Stream Bed Elev. ft

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

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Bituminous Concrete Dark Gray Silty Clay	615.00				
Soft Black/Dark Gray Silty Clay with Gray Clay Inclusions			1 1 2	0.2 P	31.0
		-5	1 1 3	0.2 P	29.0
			2 2 9	0.5 P	27.0
Stiff Black/Gray Silty Clay with Gravel Pebbles and thin Sand Layers and organics (stems)	608.50	-10	3 3 6	1.1 B	22.0
			5 5 5	1.6 B	26.0
		-15	4 5 5	1.5 P	23.0
			3 4 7	1.5 B	22.0
		-20			
Stiff Black/Gray Silty Clay with Gravel Pebbles and thin Sand Layers and organics (stems) *(continued)*	595.50		2 3 4	1.0 P	20.0
Soft Gray with Black Clay and Silty Clay with pebbles	593.50		2 2 3	0.4 B	26.0
Loose Black Organic Silt, Free water at 24'	593.00	-25			
Hard, Rocky, Gray Silty Loam Till			12 24 31	4.0 P	30.0 6.0
			26 33 36	4.2 P	8.0
		-30	19 23 41	4.5 P	9.0
		-35	15 25 36	4.5 P	8.0
Hard Gray Silty Clay Till	580.50	-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
District 03, Ottawa

SOIL BORING LOG

Page 2 of 2

Date 5/19/98

ROUTE FAP 311 (IL 71) DESCRIPTION IL 71 over unnamed creek near Rutland School LOGGED BYK, Whittington

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Stream Bed Elev. ft

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

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Hard Gray Silty Clay Till *(continued)*			8 13 21	7.1 B	16.0
Stiff Gray Silty Clay Till	574.50	-45			
Dense Gray Sand and Gravel	572.00		3 20 78	1.5 B	17.0 5.0
End of Boring	567.50	-50			
		-55			
		-60			

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

SHEET TITLE
BORING LOGS

PROJECT
IL ROUTE 71 OVER UNNAMED STREAM
FAP ROUTE 311 SECTION 5BR-1
LASALLE COUNTY
STATION 260+23
STRUCTURE NUMBER 050-2043

PROJECT NO. 05025-2
SCALE
DATE 01/13/06
DRAWN BY CFC
CHECKED BY KPS/MCB

COOMBE-BLOXDORF P.C.
Engineers / Land Surveyors
Springfield, Illinois
Design Firm License No. 184-002703

DRAWING NO. 7 OF 8 SHTS

FILE NAME = ...\v8\culvert-plans\borings.dgn
PLOT SCALE = 0.0694 ' / IN.
USER NAME = CFC