STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	(3)BR-1	LASALLE	44	32
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 22 OF 23 SHEETS

CONTRACT NO. 66619

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

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Date 7/17/00

ROUTE FAP 68(US52/IL23) DESCRIPTION US 52 OVER CROOKED LEG CREEK NORTH OF OTTAWA LOGGED BY K.W.

SECTION (3)BR-1 LOCATION NW 1/4, SEC. 36, TWP. 35N, RNG. 3E, 3rd PM

COUNTY LASALLE DRILLING METHOD HOLLOW STEM AUGER HAMMER TYPE AUTOMATIC

STRUCT. NO. 050-0056
Station 419+80

BORING NO. 1 EAST ABUT.
Station
Offset 35.50ft RT
Ground Surface Elev. 626.12 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 614.6 ft
Upon Completion 620.9 ft
After 24 Hrs. 623.8 ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
AUGER SAMPLE – Black SILTY CLAY	623.62				
Very Stiff SILTY CLAY with SAND & Fine GRAVEL and ALLUVIAL SOILS	620.12	-5	1		
			1	0.25	33
			1	P	
			2		
			4	0.25	34
Stiff Brown-Gray SILTY CLAY TILL	619.12		5	P	22
Hard Gray SILTY CLAY TILL	615.62	-10	4	1.8B	
			7	6.2	17
			10	B	
			7		
Loose Gray SAND & Subangular to Angular Coarse GRAVEL with FREE WATER	613.12		7	-	19
				-	
			3		13
			3		
Stiff Gray SILTY LOAM TILL	611.62		6	1.4	21
			8	B	11
Soft Gray SILTY LOAM TILL with Wet SAND Layer at 15"	610.62	-15	WOH	0.2B	14
Very Stiff Gray SILTY CLAY LOAM TILL	606.62	-20	9		
			7		11
				2.9B	
			18		
			12	-	-
			9	-	

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Stiff Gray SILTY CLAY LOAM TILL (continued)	603.12		2		
			4	1.8	12
			5	B	
Medium Gray SAND & GRAVEL	600.62	-25	9	1.0P	14
			12		
			10		12
			10		17
Stiff Gray SILTY CLAY TILL	598.12		3		
			3		13
				1.0B	
Hard Gray-Brown SILTY CLAY LOAM TILL	588.12	-30	6		
			9	6.9	11
			11	B	
			5		
			10	6.9	9
			13	B	
Very Stiff Gray-Brown SILTY CLAY LOAM TILL		-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
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SOIL BORING LOG

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Date 7/17/00

ROUTE FAP 68(US52/IL23) DESCRIPTION US 52 OVER CROOKED LEG CREEK NORTH OF OTTAWA LOGGED BY K.W.

SECTION (3)BR-1 LOCATION NW 1/4, SEC. 36, TWP. 35N, RNG. 3E, 3rd PM

COUNTY LASALLE DRILLING METHOD HOLLOW STEM AUGER HAMMER TYPE AUTOMATIC

STRUCT. NO. 050-0056
Station 419+80

BORING NO. 1 EAST ABUT.
Station
Offset 35.50ft RT
Ground Surface Elev. 626.12 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 614.6 ft
Upon Completion 620.9 ft
After 24 Hrs. 623.8 ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Very Stiff Gray-Brown SILTY CLAY LOAM TILL (continued)			6		
			8	3.1	12
			10	B	
		-45	5		
			7	2.9	12
			12	B	
Hard Gray CLAY with SILT Layers > 4" Apart	578.12	-50	10		
			13	4.9	18
			17	B	
Very Stiff Dark Gray CLAY with Some Pebbles	574.62	-55	8	4.9	19
			11	B	
Medium Mix of Gray & Brown Weathered LIMESTONE GRAVEL & reworked Gray TILL	570.12		16		19
Hard Gray SILTY LOAM TILL	569.12	-60			

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Hard Gray SILTY LOAM TILL (continued)			19		
			33	5.8	7
			42	S	
		-65	25		
			33	4.5+	
			34	P	
End of Boring	559.62	-70			
		-75			
		-80			

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)

BORING 1

BORING 1
US ROUTE 52 AND IL ROUTE 23 OVER
CROOKED LEG CREEK
F.A.P. ROUTE 68 SECTION (3) BR-1
LASALLE COUNTY
STATION 419+80.00
STRUCTURE NUMBER 050-0240