STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	(3)BR-1	LASALLE	44	33
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 23 OF 23 SHEETS

CONTRACT NO. 66619

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 2

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. 2 WEST ABUT.
Station
Offset 35.50ft LT
Ground Surface Elev. 626.72 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 615.7 ft ▼
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
AUGER SAMPLE – Black SILTY CLAY	624.72				
Very Stiff Black, Brown, & Dark Gray SILTY CLAY & SILTY CLAY TILL	622.72		1 2 3	3.4 B	-
Very Soft Black SILTY CLAY LOAM with Fine GRAVEL Pebbles	621.22	-5	2		
Stiff Gray SILTY CLAY TILL	617.72		2 4 6 3 4 9	0.2P 0.5 P 2.9 B	26 21 16
Medium Gray SAND Subangular to Angular coarse GRAVEL with FREE WATER	615.72 ▼	-10	4 11 4	- -	10
Very Stiff Gray SILTY LOAM TILL	610.22	-15	4 8 7 5 6 9 3	2.3 S - -	9
Very Stiff Gray SILTY CLAY LOAM TILL	607.72		5 5	2.2 B	12
Loose gray SAND & Coarse GRAVEL	606.72	-20			
Stiff Gray SILTY CLAY LOAM TILL	604.72	-25	3 4 4 8 10 13 7 5	- - - -	14 - 16 -
Medium Gray SILT, Fine to Coarse SAND & Minor GRAVEL	601.22		11 3 4 9 WOH 10 11 5 8 11	4.0P 3.1 B 3.3 B 4.7 B	12 11 11
Very Stiff Gray-Brown SILTY CLAY LOAM TILL		-30 -35 -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)

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Page 2 of 2

Date 7/17/00

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COUNTY LASALLE DRILLING METHOD HOLLOW STEM AUGER HAMMER TYPE AUTOMATIC

STRUCT. NO. 050-0056
Station 419+80

BORING NO. 2 WEST ABUT.
Station
Offset 35.50ft LT
Ground Surface Elev. 626.72 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 615.7 ft ▼
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Very Stiff Gray-Brown SILTY CLAY LOAM TILL *(continued)*	583.72		8 10 15	2.7 P	15
Hard Gray SILTY CLAY TILL	581.22	-45	8 13	10.6S	16
Dense Gray Interlayered Medium SAND, Fine SAND, SILT, CLAY; ORGANICS & SHELL FRAGMENTS Present	577.72		22		-
Medium Gray Fine to Medium SAND & Minor GRAVEL (Well Graded-Rounded to Subangular)	576.22	-50	6 9		17
Hard Greenish Gray CLAY	572.72		14	5.4S	20
Dense Gray Weathered GRAVEL with Gray TILL	570.72	-55	9 14 15	4.5 P	21 17
Hard Gray SILTY LOAM TILL		-60			
Hard Gray SILTY LOAM TILL *(continued)*	565.72		16 23 30	5.4 S	9
End of Boring		-65 -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 2

BORING 2
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