

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	IS/MS SHEETS	SHEET NO.
F.A.P. 311	*	LaSalle	66	41
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

\* (3)BR-1,2,3 & (4)BR Contract #66741

SOIL BORING B-2 (Page 1 of 2)

Page 1 of 2

Date 9/25/06

**Illinois Department of Transportation**  
Division of Highways  
District #3, Ottawa

**SOIL BORING LOG**

ROUTE FA-97 (IL 71) DESCRIPTION IL 71, Branch of Mission Creek LOGGED BY Larry Myers

SECTION 3-B LOCATION SE 1/4, SEC. 22, TWP. 35N, RNG. 05E

COUNTY La Salle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 050-0063 SURFACE WATER Elev. 618.98 ft  
Station 680+72 Stream Bed Elev. \_\_\_\_\_ ft

BORING NO. #2: NW Quad GROUNDWATER Elev.: \_\_\_\_\_ ft  
Station 581+03 First Encounter \_\_\_\_\_ ft  
Offset 14.00 ft LL Upon Completion 24.5 ft  
Ground Surface Elev. 631.44 ft After \_\_\_\_\_ Hrs. \_\_\_\_\_

DEPTH (ft)	BLOW COUNT (blows/ft)	UNSATURATED SPT (tsf)	SATURATED SPT (tsf)	MOISTURE (%)	SOLIDS (%)	DESCRIPTION	DEPTH (ft)	BLOW COUNT (blows/ft)	UNSATURATED SPT (tsf)	SATURATED SPT (tsf)	MOISTURE (%)	SOLIDS (%)
0						Augered, white, shoulder stone and black, Silty Clay - fill	3	2	1	24.4		
4	4					Very stiff, gray, Silty Clay Till (continued)	4	B				
629.44						Very stiff, black, Silty Clay - fill	4	3	5	27.6		
606.44						Very stiff, gray, Sandy Clay Loam Till with large, Gravel pieces and Loam pockets	5	P				
624.44						Very stiff, greenish gray, Silty Clay (Loess)	3	3	0	25.1		
622.44						Hard, brown, Silty Clay Loam Till	3	3	0	23.6		
617.44						Very stiff, grayish brown, Silty Clay with small Silt pockets and Clay pockets	3	4	1	22.4		
583.44						Very stiff, gray, Silty Clay Till	4	6	8	20.2		
574.44						Stiff to very stiff, gray, Silty Clay Loam	4	2	5	23.2		

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)

SOIL BORING B-2 (Page 2 of 2)

Page 2 of 2

Date 9/25/06

**Illinois Department of Transportation**  
Division of Highways  
District #3, Ottawa

**SOIL BORING LOG**

ROUTE FA-97 (IL 71) DESCRIPTION IL 71, Branch of Mission Creek LOGGED BY Larry Myers

SECTION 3-B LOCATION SE 1/4, SEC. 22, TWP. 35N, RNG. 05E

COUNTY La Salle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 050-0063 SURFACE WATER Elev. 618.98 ft  
Station 680+72 Stream Bed Elev. \_\_\_\_\_ ft

BORING NO. #2: NW Quad GROUNDWATER Elev.: \_\_\_\_\_ ft  
Station 581+03 First Encounter \_\_\_\_\_ ft  
Offset 14.00 ft LL Upon Completion 24.5 ft  
Ground Surface Elev. 631.44 ft After \_\_\_\_\_ Hrs. \_\_\_\_\_

DEPTH (ft)	BLOW COUNT (blows/ft)	UNSATURATED SPT (tsf)	SATURATED SPT (tsf)	MOISTURE (%)	SOLIDS (%)	DESCRIPTION	DEPTH (ft)	BLOW COUNT (blows/ft)	UNSATURATED SPT (tsf)	SATURATED SPT (tsf)	MOISTURE (%)	SOLIDS (%)
12	5					Stiff to very stiff, gray, Silty Clay with layers of gray, Silt (continued)	12	2	5	17.8		
16	4					White, St. Peter Sandstone, weathered and dense, white, Sand in top 6" Hard @ 65' End of Boring	16	P				
583.44						Very stiff, gray, Silty Clay Loam Till with layers of Silt	17	9	rock in shoes	10.8		
577.44						Dense, gray, fine, Sand to coarse Gravel	17	5	2	16.4		
574.44						Very stiff, gray, Silty Clay with layers of gray, Silt	15	8	3	16.7		

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	LAS
CHECKED	JLA
DRAWN	SAW
CHECKED	LAS

BORING LOGS  
IL 71 OVER BRANCH OF MISSION CREEK  
FAP ROUTE 311  
SECTION (3)BR-1,2,3 & (4)BR  
LASALLE COUNTY  
STA. 680+72.01  
S.N. 050-2049