

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	101% SHEETS	SHEET NO.
F.A.P. 311	*	LaSalle	66	40
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

SHEET NO. 6
7 SHEETS
*(3)BR-1,2,3 & (4)BR Contract #66741

SOIL BORING B-1 (Page 1 of 2)

SOIL BORING B-1 (Page 2 of 2)

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

SOIL BORING LOG Page 1 of 2
Date 9/18/06

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
Station 680+72
BORING NO. #1, SE Quad
Station 680+40
Offset 15.50ft RL
Ground Surface Elev. 626.66 ft

DEPTH (ft)	LOG	UCS (tsf)	MOS (%)	DESCRIPTION	DEPTH (ft)	LOG	UCS (tsf)	MOS (%)
0				Augered, white, shoulder stone, and black, Silty Clay Loam- fill	0			
626.66					608.66			
4				Very stiff, black brown, Silty Clay/Silty Clay Loam- fill	14			
2	2.5	26.1			17			
5	P			Stiff, brownish gray, Sandy Clay Loam Till	20			
3					23			
5	3.0	30.5			25	4	15	14.3
2					28			
4	2.5	26.2			30			
4	P			Stiff, blue gray, Silty Clay with pockets of Loam	33			
620.16					35			
2					37			
3	2.0	28.2		Hard, brown, Silty Clay Loam Till with pockets of Silty Loam Till	40			
4	P				43			
617.16					45			
1					47			
4	3.0	13.0		Very stiff, brown gray, fine, Sand to coarse Gravel in Loam to Clay Loam matrix	50			
4	P				53			
614.66					55			
4				Hard, gray, Silty Clay Till	57			
9	7.4	18.5			60			
14	S			Stiff, brown, Silty Clay with layers of brown, Clay and Silt ribbons	63			
8					65			
9	6.6	19.8			67			
21	S			Very stiff, brown, Clay with Silt pockets @ 44.5'	70			
6					73			
20					75			

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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DEPTH (ft)	LOG	UCS (tsf)	MOS (%)	DESCRIPTION	DEPTH (ft)	LOG	UCS (tsf)	MOS (%)
6				Very stiff, brown, Clay with Silt pockets @ 44.5' (continued)	14			
8					16			
4					18			
4	2.0	25.9		Hard, gray, Silty Clay Loam Till (continued)	20			
5	B				23			
624.16					25			
4				St. Peter Sandstone, and weathered, dense, white, Sand @ surface <6" End of Boring	28			
4					30			
620.66					33			
6				Very stiff, gray, Clay Loam Till and Loam Till with pockets of fine, Sand and Silt and layers of medium, Sand	35			
7	2.1	15.1			37			
5	B				40			
617.66					43			
9	2.0	21.4			45			
18	P				47			
614.66					50			
9				Hard, gray, Sandy Clay Loam Till	53			
21					55			
6					57			
20					60			

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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