

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SOIL BORING B-2 (Page 1 of 2)

SOIL BORING B-2 (Page 2 of 2)

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

### SOIL BORING LOG

Date 9/15/06

ROUTE FA-97 (IL71) DESCRIPTION IL 71 over Mission Creek LOGGED BY Larry Myers

SECTION 4-B LOCATION NW 1/4, SEC. 27, TWP. 35N, RNG. 05E

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

STRUCT. NO. 050-0064  
Station 641+18

BORING NO. #2: NE Quad: N Abut.  
Station 641+48  
Offset 15.00 ft R1  
Ground Surface Elev. 631.05 ft

DEPTH (ft)	BULGE (in)	SHEAR (lb)	PENETRATION (lb)	UNCONFINED COMPRESSIVE STRENGTH (lb)	DESCRIPTION	DEPTH (ft)	BULGE (in)	SHEAR (lb)	PENETRATION (lb)	UNCONFINED COMPRESSIVE STRENGTH (lb)	
											(ft)
					Surface Water Elev. 633.38 ft						
					Stream Bed Elev. _____ ft						
					Groundwater Elev.: First Encounter 577.6 ft						
					Upon Completion 581.1 ft						
					After _____ Hrs.						
					Augered, white, shoulder Stone and brown. Sand and Gravel and washed, river rock (drainable backfill?)	6	2.1	28.7			
					Very stiff, gray, Silty Clay Till (continued)	9	B				
					609.05						
					Hard, gray, Sandy Clay Loam Till						
					626.55						
					Silt, black, Silty Clay with organics	3					
					4 2.0 33.4						
					4 P						
					2 2.0 30.9						
					4 P						
					622.05						
					Very stiff, gray brown, Silty Clay						
					Very stiff, gray, Silt with minor Clay						
					602.55						
					Hard, gray, Silty Clay with numerous Silt pockets						
					598.05						
					Very stiff, gray, Silty Clay Till						
					617.05						
					Hard, brown, Silty Clay with numerous Silt pockets and ribbons						
					582.55						
					Hard, brown, Silty Clay with numerous Silt pockets and ribbons						
					602.55						

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 T208)

BBS, from 137 (Rev. 8-99)

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					Surface Water Elev. 633.38 ft					
					Stream Bed Elev. _____ ft					
					Groundwater Elev.: First Encounter 577.6 ft					
					Upon Completion 581.1 ft					
					After _____ Hrs.					
					Hard, brown, Silty Clay with numerous Silt pockets and ribbons (continued)	12	4.1	19.4		
					Dense, gray, fine, Sand to coarse, Gravel with layers of fine to coarse, Sand	15	S			
					Free H2O @ 53.5' (continued)					
					609.05					
					Hard, gray, Sandy Clay Loam to Sandy Loam Till					
					64.5' interval: washed					
					626.55					
					Silt, black, Silty Clay with organics					
					4 2.0 33.4					
					4 P					
					2 2.0 30.9					
					4 P					
					622.05					
					Very stiff, gray brown, Silty Clay					
					Very stiff, gray, Silt with minor Clay					
					602.55					
					Hard, gray, Silty Clay with numerous Silt pockets					
					598.05					
					Very stiff, gray, Silty Clay Till					
					617.05					
					Hard, brown, Silty Clay with numerous Silt pockets and ribbons					
					582.55					
					Hard, brown, Silty Clay with numerous Silt pockets and ribbons					
					602.55					
					Hard, gray, Sandy Clay Loam to Sandy Clay Till with fine, Sand pockets					
					584.05					
					End of Boring					
					665.05					
					Hard, gray, Sandy Clay Loam to Sandy Clay Till with fine, Sand pockets					
					584.05					
					Dense, gray, fine, Sand to coarse, Gravel with layers of fine to coarse, Sand					
					Free H2O @ 53.5'					
					577.55					
					Dense, gray, fine, Sand to coarse, Gravel with layers of fine to coarse, Sand					
					Free H2O @ 53.5'					
					577.55					

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 T208)

BBS, from 137 (Rev. 8-99)

DESIGNED	LAS
CHECKED	JLA
DRAWN	SAW
CHECKED	LAS

BORING LOGS  
IL 71 OVER MISSION CREEK  
FAP ROUTE 311  
SECTION (3)BR-1,2,3 & (4)BR  
LASALLE COUNTY  
STA. 641+18.00  
S.N. 050-2050