

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 311	*	LaSalle	66	27
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)

SOIL BORING B-2 (Page 2 of 2)

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

SOIL BORING LOG Page 1 of 2
Date 9/29/06

ROUTE FA-97 (IL 71) DESCRIPTION IL 71 over Mission Creek LOGGED BY Larry Myers
SECTION 3-B LOCATION SW 1/4, SEC. 14, TWP. 35N, RNG. 05E
COUNTY La Salle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 050-0061
Station 754+35

BORING NO. #2: NE Quad. N Abut.
Station 754+59
Offset 14.00ft Right
Ground Surface Elev. 627.28 ft

Description	Depth (ft)	Bulge (in)	S-Value (tsf)	P-Value (%)	M.O.S.T. (%)	Elevations	
						Surface Water	Stream Bed
Augered, white, shoulder stone and black, Silty Clay- fill	0					617.17	
	2		1.0				
	2		P				
Stiff, black and brown, Silty Clay/ Silty Clay Loam- fill	3		2.0	25.9			
	4		P				
24.5' & 29.5' sample interval- wash							
Free H2O @ 21.5'	3		2.0	33.5			
	4		P				
	1		1.0	26.8			
	2		P				
	4						
	1						
	3		1.0	22.9			
	3		P				
Hard, gray, Silty Clay Loam Till	6		8.5	17.3			
	8		S				
	10						
Very stiff, gray, Silty Clay Loam Till	15		2.7	20.1			
	4		S				
	6						
Stiff, gray, Silty Clay Loam Till	2		1.8	19.9			
	2		B				
	4						
Stiff, gray, Clay Loam with Silt pockets	1						
	1						

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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Description	Depth (ft)	Bulge (in)	S-Value (tsf)	P-Value (%)	M.O.S.T. (%)	Elevations	
						Surface Water	Stream Bed
Very stiff, gray, Silty Clay Loam Till (continued)	12		15.5				
	12						
	585.28						
Very stiff, brown, Silty Clay/ Silt Loam with very high organics (trees, leaves), top 6" gray, Silt	4		3.5	60.2			
	8		P				
	12						
Hard, dark gray, Clay Loam	8		5.8	17.1			
	12		S				
	16						
Very stiff, gray, Loam	8		2.9	16.7			
	12		S				
	17						
Very stiff, light gray, Silt with layers of gray, Silty Clay	6		3.0	21.2			
	6		P				
	11						
	2						
	10		2.8	19.0			
	18		P				
	6						
	12		>4.5	9.2			
	12		P				
	8		2.5	19.0			
	14						
	6						
	10		2.5	19.5			
	9		P				
	567.78						
	4						

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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 MISSION CREEK
FAP ROUTE 311
SECTION (3)BR-1,2,3 & (4)BR
LASALLE COUNTY
STA. 754+35
S.N. 050-2047