STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 311	*	LaSalle	66	34
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 7
7 SHEETS

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

SOIL BORING B-2 (Page 1 of 2)

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

SOIL BORING LOG

Page 1 of 2

Date 9/25/06

ROUTE FA-97 (IL71) DESCRIPTION IL 7, Creek and Cattle Crs 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. 050-0062
Station 683+28

BORING NO. 2 N.W. Quad
Station 683.61
Offset 14.00ft Lt
Ground Surface Elev. 629.94 ft

Surface Water Elev. 619.79 ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion 574.9 ft ▽
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Augered, white/black shoulder stone, black, Silty Clay- fill					
	627.94				
Very stiff, black gray, Silty Clay- fill			8		
			6	3.8	24.9
			6	P	
		-5	3		
			4	3.0	24.3
			5	P	
			2		
			3	2.0	30.2
			3	P	
		-10	3		
			3	2.0	30.1
			4	P	
	618.44				
Medium, brown gray, Silty Loam with Gravel			1		
			2	1.0	22.6
			5	P	
	615.94				
Hard, gray, Silty Clay Loam Till					
		-15	6		
			8	6.6	19.2
			12	S	
			6		
			8	6.0	18.3
			12	S	
	610.94				
Very stiff, gray, Silty Clay Loam Till		-20	3		
Very stiff, gray, Silty Clay Loam Till (continued)			5	3.8	16.5
			9	S	
	607.94				
Hard, gray to brown, Silty Clay Loam Till with layers of Gravel pieces (potential Cobble/Boulder)		-25	8		
			12	4.5	9.1
			12	P	
	601.94				
Medium, brownish gray, Clay Loam Till		-30	2		
			3	1.0	13.1
			5	B	
	597.94				
Stiff, grayish brown, Silty Clay					
		-35	1		
			3	1.5	24.6
			5	B	
	591.94				
Very stiff, grayish brown, Silty Clay with pockets of Silt		-40	3		

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)

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SOIL BORING LOG

Page 2 of 2

Date 9/25/06

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First Encounter ft
Upon Completion 574.9 ft ▽
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Very stiff, grayish brown, Silty Clay with pockets of Silt (continued)			3	2.5	26.4
			5	B	
	586.94				
Very stiff, gray, Sandy Clay Loam Till interbedded with layers of fine, Sand and layers of Silt		-45	5		
			7	2.5	17.7
			9	P	
	579.94	-50	5	2.5	
				P	
Very stiff, dark brown, Peat/ Silt/ and Silty Clay Loam layers			7		78.5
			12		
	576.94				
Very dense, gray, fine Sand to medium Gravel, Sandy Loam, fine Sand, bedded >6"		▽-55	9		
			18		15.1
			32		
	571.94				
Hard, gray, Silt with minor Clay		-60	20		
Hard, gray, Silt with minor Clay (continued)			30	>4.5	19.8
			35	P	
	567.94				
Hard, gray, Sandy Clay Loam Till					
		-65	7		
			8	>4.5	9.8
			11	P	
		-70	59		
	559.94				
White, St Peter Sandstone, top 6", very dense, white, Sand- (weathered bedrock)	559.44		100/5"		20.7
AAR- hole collapsed @ 57.5'					
End of Boring		-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)

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. 683+27.88
S.N. 050-2048