CONTRACT NO. 66372

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
627	(I-1) BR & I	LA SALLE	106	32
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SHEET NO. A4

OF 6 SHEETS

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

SOIL BORING LOG

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Date 2/15/01

ROUTE FAP 627(IL71) DESCRIPTION IL 71 OVER BOX CULVERT WEST OF TONTI CANYON LOGGED BY B.S.

SECTION (M)W&RS,(I-1,D)R,W,&RS STARVED ROCK PARK LOCATION SE 1/4, SEC. 22, TWP. 33N, RNG. 2E, 3rd PM

COUNTY LASALLE DRILLING METHOD HOLLOW STEM AUGER HAMMER TYPE AUTOMATIC

STRUCT. NO. CULVERT # 7
Station 393+00

BORING NO. 05 CULVERT 7 EBL
Station 392+80
Offset 6.00ft RT
Ground Surface Elev. 572.94 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion 551.4 ft ▽
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
PAVEMENT	572.19				
AUGER SAMPLE FROZEN SILTY CLAY TILL	570.94				
Very Stiff Black/Brown SILTY CLAY TILL with SHALE Fragments			8		
			4	3.3	25.0
			5	B	
		-5			
			4		
			2	4.0	20.0
			3	P	
			3		
			3	4.0	20.0
	563.94		3	P	
Very Stiff Gray/Brown SILTY CLAY TILL		-10			
			1		
			3	2.5	20.0
			7	P	
Hard Gray SHALE (CLAY)	560.94				
			4		
			4	4.0	19.0
			6	P	
Very Stiff Gray/Brown SILTY CLAY with SHALE Fragments	558.44	-15			
			1		
			2	2.5	21.0
			5	B	
Stiff Dark Gray LOAM TILL with COAL Fragments	555.94				
			3		
			3	-	30.0
			5	-	
		-20			

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Stiff Dark Gray LOAM TILL with COAL Fragments *(continued)*			2		
	551.94		4	1.1B	-
Hard Brown ST. PETER SANDSTONE	▽		100/2"		
	550.34				
End of Boring			100/ 1.5"		
		-25			
		-30			
		-35			
		-40			

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)

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

SOIL BORING LOG

Page 1 of 1

Date 2/15/01

ROUTE FAP 627(IL71) DESCRIPTION IL 71 OVER BOX CULVERT WEST OF TONTI CANYON LOGGED BY B.S.

SECTION (M)W&RS,(I-1,D)R,W,&RS STARVED ROCK PARK LOCATION SE /14, SEC. 22, TWP. 33N, RNG. 2E, 3rd PM

COUNTY LASALLE DRILLING METHOD HOLLOW STEM AUGER HAMMER TYPE AUTOMATIC

STRUCT. NO. CULVERT #7
Station 393+00

BORING NO. 06 CULVERT 7 EBL
Station 393+26
Offset 6.00ft RT
Ground Surface Elev. 571.80 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion NONE ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
NO SAMPLES. BORING IS FOR ELEVATION OF TOP OF BEDROCK ONLY					
		-5			
		-10			
		-15			
		-20			
	550.80				
TOP OF SANDSTONE End of Boring					
		-25			
		-30			
		-35			
		-40			

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 LOGS

IL ROUTE 71
OVER TRIBUTARY TO ILLINOIS RIVER
F.A.P. ROUTE 627 - SEC. (I-1) BR & I
LA SALLE COUNTY
STATION 393+00.00

DESIGNED BY	Farnsworth GROUP 2700 McGraw Drive Bloomington, Illinois 61704 309/662-8455 309/663-1671fax	FILE NO. 24-6772
J.M.L.		DATE 05-12-06
DRAWN BY D.J.M.		SHEET NO. 32 of 106
CHECKED BY M.S.W.		