F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
627	(I-1) BR & I	LA SALLE	106	33
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SHEET NO. 45 OF 6 SHEETS

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 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. 07 CULVERT 7 WBL
Station 392+79
Offset 6.00ft LT
Ground Surface Elev. 572.23 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			
	552.23	-20			
TOP OF SANDSTONE		-25			
End of Boring		-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 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. 08 CULVERT 7 WBL
Station 393+21
Offset 6.00ft LT
Ground Surface Elev. 571.13 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 (%)
PAVEMENT OVER Brown/Gray SILTY CLAY TILL					
	568.63				
Stiff Brown/Gray SILTY CLAY TILL			2		
			2	1.5	28.0
			2	P	
	566.63				
Stiff Brown/Gray CLAY TILL with Black Shale Fragments		-5	2		
			2	1.1	32.0
			3	B	
			2		
			2	1.3	-
			4	P	
		-10	2		
			2	2.0	21.0
			3	P	
	559.13				
Hard Gray/Brown SHALE with Carbonate GRAVEL Lenses			2		
			8	4.5	20.0
			5	P	
	556.63				
Medium Black/Gray SILTY CLAY with Black Shale & Sandstone Fragments		-15	1		
			2	0.7	35.0
			4	B	
			3		
			3		25.0
			100/3"		4.0
	551.63				
Dense White to Yellow ST.		-20			
PETER SANDSTONE	550.93	-25	100/2"		
End of Boring		-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)

DESIGNED BY	Farnsworth GROUP	FILE NO.
J.M.L.	2700 McGraw Drive	24-6772
DRAWN BY	Bloomington, Illinois 61704	DATE
D.J.M.	309/663-8435, 309/663-8571fax	05-12-06
CHECKED BY		SHEET NO.
M.S.W.		33 OF 106

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