

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
627	(I-1) BR & I	LA SALLE	106	46
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SHEET NO. F12
OF 14 SHEETS



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

SOIL BORING LOG

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Date 2/23/01

ROUTE FAP 627(IL71) DESCRIPTION IL 71 OVER BOX CULVERT EAST 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. 23, TWP. 33N, RNG. 2E, 3rd PM
COUNTY LASALLE DRILLING METHOD HOLLOW STEM AUGER HAMMER TYPE AUTOMATIC

STRUCT. NO. <u>CULVERT #10</u> Station <u>416+45</u>	DEPTH (ft)	BLOW (ft)	UCS (tsf)	MOIST (%)	SOIL					
					Surface Water Elev. _____ ft	Stream Bed Elev. _____ ft	Groundwater Elev.: First Encounter _____ ft Upon Completion <u>547.5</u> ft After _____ Hrs.	DEPT H (ft)	BLOW S (ft)	UCS Qu (tsf)
PAVEMENT OVER WHITE ROCK					Very Dense Brown ST. PETER SANDSTONE (continued)	100/3'				
					End of Boring					
	565.50				Very Stiff Gray/Brown SILTY CLAY TILL	2 4 -5				
	562.50				Very Stiff Brown SILTY CLAY TILL	4 5 7	2.7 B	17.0		
	560.00				Very Stiff Brown LOAM TILL	5 5 -10	2.4 B	12.0		
	552.50				Soft Dark Gray CLAY LOAM with a 6" black Organic Layer at 16.5 to 17.0'	5 4 -15				
	550.00				Very Dense Brown ST. PETER SANDSTONE	100/3'		8.0		

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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Date 2/23/01

ROUTE FAP 627(IL71) DESCRIPTION IL 71 OVER BOX CULVERT EAST OF TONTI CLANYON LOGGED BY B.S.
SECTION (M)W&RS,(I-1,D)R,W,&RS STARVED ROCK PARK LOCATION SE 1/4, SEC. 23, TWP. 33N, RNG. 2E, 3rd PM
COUNTY LASALLE DRILLING METHOD HOLLOW STEM AUGER HAMMER TYPE AUTOMATIC

STRUCT. NO. <u>CULVERT #10</u> Station <u>416+45</u>	DEPTH (ft)	BLOW (ft)	UCS (tsf)	MOIST (%)	SOIL					
					Surface Water Elev. _____ ft	Stream Bed Elev. _____ ft	Groundwater Elev.: First Encounter _____ ft Upon Completion <u>NONE</u> ft After _____ Hrs.	DEPT H (ft)	BLOW S (ft)	UCS Qu (tsf)
NO SAMPLE BORING FOR ELEVATION OF TOP OF BEDROCK					TOP OF SANDSTONE	558.14	-10			
					End of Boring					

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 <u>J.M.L.</u>	FILE NO. <u>24-6772</u>
DRAWN BY <u>D.J.M.</u>	DATE <u>05-12-06</u>
CHECKED BY <u>M.S.W.</u>	SHEET NO. <u>46 of 106</u>



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 416+44.62
STRUCTURE NO. 050-C804