

CONTRACT NO. 66544



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

SOIL BORING LOG

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Date 9/19/03

ROUTE FAP 627 (IL 71) DESCRIPTION ILLINOIS 71 OVER CREEK WEST OF OTTAWA LOGGED BY IDOT-KW
SECTION U-BR LOCATION SW 1/4, SEC. 29, TWP. 33N, RNG. 3E, 3rd PM
COUNTY LASALLE DRILLING METHOD Hollow Stem Auger HAMMER TYPE AUTOMATIC

STRUCT. NO.	STATION	BORING NO.	STATION	OFFSET	GROUND SURFACE ELEV.	DEPTH (ft)	BULGE (ft)	UCS (tsf)	MOISTURE (%)	DESCRIPTION	SURFACE WATER ELEV.	STREAM BED ELEV.	GROUNDWATER ELEV.	FIRST ENCOUNTER	UPON COMPLETION	AFTER
050-0030 EXISTING	99+40.00	02 EAST ABUT	99+84.5	15.00R FT	466.90						454.20		456.9			
						484.40	2			SHOULDER STONE Over CA 06 GRAVEL Over Brown SILTY CLAY LOAM						
						482.40	2 3	1.0	12.0	Stiff Brown SILTY CLAY LOAM with GRAVEL						
						459.90	2 2	0.4	13.0	Soft Brown CLAY LOAM with GRAVEL						
						458.40	3 8		14.0 12.0	Medium Brown CLAY LOAM						
						452.90	4 7 8		11.0	Medium Black & Light Brown SAND with Clay Balls & Gravel Pebbles (Reworked SANDSTONE)						
						451.70	1 3 14		16.0	TOP OF WEATHERED ST. PETER SANDSTONE						
										Borehole continued with rock coring						

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, form 137 (Rev. 8-95)



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ROCK CORE LOG

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Date 9/19/03

ROUTE FAP 627 (IL 71) DESCRIPTION ILLINOIS 71 OVER CREEK WEST OF OTTAWA LOGGED BY IDOT-KW
SECTION U-BR LOCATION SW 1/4, SEC. 29, TWP. 33N, RNG. 3E, 3rd PM
COUNTY LASALLE CORING METHOD ROTARY CME 75

STRUCT. NO.	STATION	BORING NO.	STATION	OFFSET	GROUND SURFACE ELEV.	DEPTH (ft)	CORING BARREL TYPE & SIZE	RECOVERY (%)	RECOVERY (min/ft)	CORE DIAMETER (in)	TOP OF ROCK ELEV.	BEGIN CORE ELEV.	DESCRIPTION
050-0030 EXISTING	99+40.00	02 EAST ABUT	99+84.5	15.00R FT	466.90		5' DOUBLE BARREL			2	452.90	451.70	ST. PETER SANDSTONE WHITE, CROSS-BEDDED, FINE TO MEDIUM GRAINED, & DENSELY COMPACTED BUT POORLY CEMENTED.
						451.70		1	70	40			
						441.70		2	55	0			End of Boring

Color pictures of the cores _____
Cores will be stored for examination until _____
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)
BBS, form 138 (Rev. 8-99)

05/17/2005
-V-bor logs.dgn

ILLINOIS DEPARTMENT OF TRANSPORTATION	
SHEET TITLE BORING LOGS	
PROJECT FAP ROUTE 627 (IL 71) OVER UNNAMED STREAM SECTION U-BR LA SALLE COUNTY STATION 98+58.9 STRUCTURE NUMBER 050-0243	PROJECT NO. 05025-1 SCALE DATE 12/17/05 DRAWN BY CFC CHECKED BY KPS/BD/MCB DRAWING NO.
COOMBE-BLOXDORF P.C. Engineers / Land Surveyors Springfield, Illinois Design Firm License No. 184-002703	
12 OF 12 SHTS	