



Illinois Department of Transportation
 Division of Highways
 Illinois Department of Transportation

SOIL BORING LOG

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Date 10/31/01

ROUTE IL 35171 DESCRIPTION Box Culvert North of IL 71L 251 intersection on IL 71 LOGGED BY K.W.

SECTION CUJLERT WINGWALLS LOCATION SE 1/4, SEC. 2, TWP. 32N, RNG. 1E, 3rd PM

COUNTY LASALLE DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	DEPTH	DESCRIPTION	UCS	MOIST	Surface Water Elev.	DEPTH	DESCRIPTION	UCS	MOIST
Station	(ft)	(6")	(tsf)	(%)	ft	(ft)	(6")	(tsf)	(%)
820+58		BITUMINOUS CONCRETE OVER GRAVEL BASE & SOIL							
820+42		Hard Brown CLAY LOAM TILL (FILL)	4.5	11.1					
820+42		Medium to Stiff Brown CLAY LOAM TILL (FILL)	1.0	13.2					
820+42		Soft to Very Stiff Mix of Black SILTY CLAY (SOFT) & Brown CLAY LOAM TILL (VERY STIFF) (FILL)	0.5	21.7					
820+42		Very Soft Mix of Brown & Black & Gray SILTY CLAY AND CLAY LOAM TILL (FILL)	0.2	17.8					
820+42		Soft Mix of SILTY CLAY & CLAY LOAM TILL (FILL)	0.4	29.3					
820+42		Medium Dark Gray & Black SILTY CLAY	0.8	26.3					
820+42		Dense Gray SILT & Fine SAND (SATURATED) Fine SAND PUSHES UP 5 FEET INTO AUGERS							
820+42		Stiff Black SILTY CLAY with Pockets of Fine SAND & CLAY LOAM (continued)							
820+42		Stiff Gray CLAY LOAM							
820+42		Medium Gray SILTY CLAY TILL							
820+42		Very Stiff Gray-Brown SANDY LOAM TILL							
820+42		Medium Gray Coarse SAND							
820+42		Stiff Gray SANDY LOAM TILL							
820+42		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)

ILLINOIS DEPARTMENT OF TRANSPORTATION	
SHEET TITLE BORING LOG	
PROJECT FAP ROUTE 619 (IL. ROUTE 71) SECTION 70 RS-5 & I LA SALLE COUNTY STATION 820+57.81 STRUCTURE NUMBER 050-2045	PROJECT NO. 05046 SCALE DATE 04/27/07 DRAWN BY TFG CHECKED BY MCB DRAWING NO.
COOMBE-BLOXDORF P.C. Engineers/Land Surveyors Springfield, Illinois Design Firm License No. 184-002703	
4 OF 4 SHTS	

PLOT DATE = Aug 23, 2010 - 02:07:57 PM
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