



Illinois Department of Transportation
Division of Highways
ILLINOIS DOT

SOIL BORING LOG

Page 1 of 1

Date 9/17/07

ROUTE I-80 (FAI 80) DESCRIPTION I-80 over Stream, 8.3 Miles East of IL 178 LOGGED BY Larry Myers

SECTION 50-3 LOCATION SW 1/4, SEC. 35, TWP. 34N, RNG. 03E

COUNTY La Salle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 050-2509 (Exist.)
Station 434+30
BORING NO. 1 NW Quad
Station 434+84
Offset 85.00ft Lt.
Ground Surface Elev. _____ ft

D E P T H	B L O W S	U C S Qu	M O I S T	Surface Water Elev. _____ ft	Stream Bed Elev. _____ ft
(ft)	(/6")	(tsf)	(%)	Groundwater Elev.:	
				First Encounter _____ Dry ft	
				Upon Completion _____ ft	
				After _____ Hrs. _____ ft	

Augered, dark brown, Silty Clay Loam- fill					
	2				
Very stiff, brown, Loam to Silty Loam	3	4.0	13.7		
	4	P			
Hard, gray brown, Silty Clay Loam Till	8				
	10	7.0	15.0		
	16	S			
Hard, gray, blocky, Silt with minor Clay	10				
	16	>4.5	13.8		
	20	P			
	-10				
	10				
	15	>4.5	14.6		
	25	P			
	8				
	15	>4.5	14.9		
	23	P			
Hard, gray, brittle, Silty Clay Loam Till	-15				
	28				
	58	>4.5	6.9		
	50	P			
	21				
	32	>4.5	7.0		
	44	P			
End of Boring					
	-20				

NOTE:

The boring on this sheet was taken approximately 80' east of the north end of the box culvert and may not be representative of conditions at the box culvert. Should the Contractor need additional soil borings, the cost shall be considered included in the cost of TEMPORARY SOIL RETENTION SYSTEM.

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. 8-99)

CHAMLIN & ASSOCIATES, INC. PERU, ILLINOIS

FILE NAME = 0502509-66A48-SOILBOR-007.DGN	USER NAME =	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORING STRUCTURE NO. 050-2509	F.A.I. RTE. 80	SECTION (50-2,4)RS-5 & (50-3)RS-6	COUNTY LASALLE	TOTAL SHEETS 109	SHEET NO. 80
PLOT SCALE =	DRAWN - LAG	REVISED - ---							CONTRACT NO. 66A48	
PLOT DATE =	CHECKED - JKC	REVISED - ---								
									ILLINOIS FED. AID PROJECT	

SHEET NO. 7 OF 7 SHEETS