



Illinois Department of Transportation
Division of Highways
ILLINOIS DOT

SOIL BORING LOG

Page 1 of 3

Date 6/25/04

ROUTE I-80 DESCRIPTION I-80 over Hennepin Canal, 1 mile West of IL 40 LOGGED BY C. Jenkins

SECTION (06-2)BR-3, 4 LOCATION Concord Twp. - 9NW, SW, SEC. , TWP. 16N, RNG. 7E

COUNTY Bureau DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO.	Station	BORING NO.	Station	Offset	Ground Surface Elev.	ft	(ft)	(/6")	(tsf)	(%)	Surface Water Elev.	ft	Stream Bed Elev.	ft	Groundwater Elev.:	ft	First Encounter	ft	Upon Completion	ft	After	Hrs.	ft	(ft)	(/6")	(tsf)	(%)
006-0012	426+69.5	1	426+50	48.00ft Lt CL WB	633.30						632.00	628.00			625.3												
MEDIUM black SANDY LOAM								0.8	17.0																		
MEDIUM black SANDY LOAM								1																			
MEDIUM gray SILTY LOAM								1																			
MEDIUM gray SAND & GRAVEL								0																			
Same as above								12																			
LOOSE tan SAND & GRAVEL								6																			
MEDIUM tan fine grained SAND								3																			
Wash MEDIUM tan SAND & GRAVEL								4																			

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)



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006-0012	426+69.5	1	426+50	48.00ft Lt CL WB	633.30						632.00	628.00			625.3												
Wash MEDIUM tan fine SAND with some GRAVEL								3																			
Wash VERY STIFF mauve SILTY CLAY TILL								6	2.1	12.0																	
Wash Same as above								3																			
Wash LOOSE tan fine SAND								3																			
Wash 6/28/04 LOOSE tan SAND & GRAVEL								2																			
Wash MEDIUM tan SAND & GRAVEL								5																			
Wash STIFF brown SILTY CLAY TILL								4																			
Wash VERY STIFF brown SILTY CLAY TILL								6	2.3	12.0																	
Wash Same as above								8	1.7	13.0																	
Wash VERY STIFF brown SILTY CLAY TILL								4																			
Wash MEDIUM tan SAND & GRAVEL								7	2.7	12.0																	
Wash STIFF brown SILTY CLAY TILL								1																			
Wash VERY STIFF brown SILTY CLAY TILL								6	2.5	12.0																	
Wash Same as above								4																			
Wash MEDIUM tan SAND & GRAVEL								7	2.1	12.0																	
Wash STIFF brown SILTY CLAY TILL with a SAND lens								2																			
Wash MEDIUM tan SAND & GRAVEL								5	1.6	12.0																	
End of Boring																											

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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006-0012	426+69.5	1	426+50	48.00ft Lt CL WB	633.30						632.00	628.00			625.3												
VERY STIFF brown SILTY CLAY TILL								5																			
STIFF brown SILTY CLAY TILL								3																			
VERY STIFF brown SILTY CLAY TILL								5																			
Wash Same as above								6	2.1	12.0																	
Wash Same as above								7	2.1	11.0																	
Wash HARD brown SILTY CLAY TILL								6																			
End of Boring																											

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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USER NAME =
DESIGNED -
CHECKED -
PLOT SCALE =
DRAWN -
PLOT DATE =

REVISOR -
REVISED -
REVISOR -
REVISED -
REVISOR -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS
STRUCTURE NO. 006-0184 (E.B.) & 006-0185 (W.B.)

SHEET NO. 39 OF 43 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-2)BR-3,4	BUREAU	133	83
CONTRACT NO. 66998				

ILLINOIS FED. AID PROJECT