



SOIL BORING LOG

Date 6/29/04

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	DE	B	U	M	Surface Water Elev.	Stream Bed Elev.	DE	B	U	M
BORING NO.	Station	H	S	Qu	T	Groundwater Elev.:	First Encounter	H	S	Qu	T
	Offset	(ft)	(/6")	(tsf)	(%)	Upon Completion	Wash	(ft)	(/6")	(tsf)	(%)
	006-0012					632.00	ft				
	426+69.5					628.00	ft				
	2					631.8	ft				
	425+27										
	42.00ft Lt. CL WB										
	632.30										
MEDIUM tan SAND & GRAVEL											
VERY LOOSE tan SAND & GRAVEL	629.30		3								
			3								
			0								
	627.30		-5								
VERY SOFT black SILT with 30% ORGANICS			1								
			0	0.1	159.0						
			0								
	625.30										
Same as above with 25% ORGANICS			1								
			0	0.2	133.4						
			0								
	622.80										
			-10								
VERY SOFT brown SILT with 17% ORGANICS			1								
			0	0.2	83.0						
			0								
	620.30										
Same as above with 18% ORGANICS			0								
			1	0.2	83.0						
			0								
	617.80										
			-15								
VERY SOFT gray/brown SILTY LOAM with 16% ORGANICS			0								
			1	0.2	66.0						
			0								
	615.30										
VERY SOFT gray SILT with 12% ORGANICS			1								
			0	0.2	59.0						
			0								
	612.80										
			-20								

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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	426+69.5					628.00	ft				
	2					631.8	ft				
	425+27										
	42.00ft Lt. CL WB										
	632.30										
MEDIUM gray SAND & GRAVEL			6								
			8								
			8								
	590.30										
	587.30		-45								
Wash			5								
VERY STIFF brown SILTY CLAY TILL			7	2.7	12.0						
			9								
	585.30										
Wash			4								
Same as above			6	2.3	13.0						
			10								
	582.30		-60								
Wash			8								
MEDIUM tan fine SAND			12								
			14								
	580.30										
Wash			7								
Same as above			9								
			12								
	577.80										
			-55								
Wash			7								
MEDIUM tan fine SAND			11								
			14								
	575.30										
	572.80										
			-80								

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USER NAME =	DESIGNED -	REVISED -
	CHECKED -	REVISED -
PLOT SCALE =	DRAWN -	REVISED -
PLOT DATE =	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS
STRUCTURE NO. 006-0184 (E.B.) & 006-0185 (W.B.)
SHEET NO. 40 OF 43 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-2)BR-3,4	BUREAU	133	84
CONTRACT NO. 66998				
ILLINOIS FED. AID PROJECT				