



SOIL BORING LOG

Date 7/6/04

ROUTE I-80 DESCRIPTION I-80 over Hennepin Canal, 1 mile West of IL 40 LOGGED BY W. Garza
 SECTION (06-2)BR-3, 4 LOCATION Concord Twp. - 9 NW, SW, SEC., TWP. 16N, RNG. 7E
 COUNTY Bureau DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO.	Station	DESCRIPTION	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After 85.0 Hrs.	D	B	U	M
			ft	ft	ft	ft	ft	ft	(ft)	(/6")	(tsf)	(%)
006-0012	426+69.5		632.00	628.00								
4	427+80		630.6									
	36.00ft RI WB CL											
	645.80		621.6									
		LOOSE brown SANDY LOAM									10.0	
	643.10	STIFF gray brown SANDY LOAM with GRAVEL										
	641.60											
		MEDIUM gray SANDY CLAY LOAM										
	636.60											
		LOOSE gray fine SAND										
	636.60											
		MEDIUM gray medium SAND										
	634.10											
		LOOSE tan SAND with medium GRAVEL										
	631.60											
		LOOSE tan/gray fine SAND with medium GRAVEL										
	629.10											
		LOOSE gray fine SAND										
	626.60											

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		632.00	628.00								
4	427+80		630.6									
	36.00ft RI WB CL											
	645.80		621.6									
		MEDIUM gray fine SAND										
	604.10											
		Wash DENSE gray fine SAND										
	601.60											
	599.10											
		Wash MEDIUM gray fine SAND										
	596.60											
	594.10											
		Wash LOOSE gray medium SAND										
	591.60											
		Wash VERY STIFF gray SILTY CLAY TILL										
	589.10											
		Wash VERY STIFF gray SILTY CLAY TILL										
	586.60											
		Wash DENSE gray fine SAND										
	584.10											
		Wash STIFF gray SILTY CLAY TILL										
	582.10											
		Wash STIFF gray SILTY CLAY TILL										
	580.10											
		7/8/04 STIFF gray SILTY CLAY TILL										
	578.10											
		End of Boring										

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USER NAME =	DESIGNED -	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. 42 OF 43 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-2)BR-3,4	BUREAU	133	86
CONTRACT NO. 66998				
ILLINOIS FED. AID PROJECT				