



SOIL BORING LOG

Date 7/29/04

ROUTE FAI 80 DESCRIPTION P92-037-03 I-80 over East Bureau Creek, 1.2 m. E. of I-180 LOGGED BY C. Jenkins

SECTION 06-6B, 6F LOCATION Selby Twp. - 5 SE, SEC. TWP. 16N, RNG. 10E

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

STRUCT. NO. Station	D E P T H	B L O W S	U C S Qu	M O I S T	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.: First Encounter Upon Completion After Hrs.	D E P T H	B L O W S	U C S Qu	M O I S T	Description	Elevation	D E P T H	B L O W S	U C S Qu	M O I S T
1434+82					634.8	632.3						VERY STIFF tan SILTY CLAY TILL	619.90	7	3.3	13	
												VERY DENSE tan SAND & GRAVEL with TILL lens	617.40	7			
												HARD brown SILTY CLAY TILL with SAND lenses	615.40	18	8.9	10	
												VERY STIFF brown SILTY CLAY TILL	612.90	5	2.1	11	
												VERY STIFF brown SILTY CLAY TILL	610.40	4	2.1	12	
												Wash VERY STIFF tan/green SILTY LOAM TILL	599.90	9	2.1	16	
												presumably SAND	587.40	0			
												VERY STIFF blue SILT	585.40	8	2.1	24	
												VERY STIFF blue SILT	582.90	9	2.4	21	

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)



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1434+82					634.8	632.3						VERY DENSE tan well-cemented SAND & GRAVEL	580.40	10			
												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)



SOIL BORING LOG

Date 8/1/04

ROUTE FAI 80 DESCRIPTION P92-037-03 I-80 over East Bureau Creek, 1.2 m. E. of I-180 LOGGED BY C. Jenkins

SECTION 06-6B, 6F LOCATION Selby Twp. - 5 SE, SEC. TWP. 16N, RNG. 10E

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

STRUCT. NO. Station	D E P T H	B L O W S	U C S Qu	M O I S T	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.: First Encounter Upon Completion After Hrs.	D E P T H	B L O W S	U C S Qu	M O I S T	Description	Elevation	D E P T H	B L O W S	U C S Qu	M O I S T
					634.8	632.3						Air (continued)					
												Water	634.50				
												HARD brown SILTY LOAM TILL	630.50	2	4	5.1	13
												Same as above	628.00	7	10	5.8	10
												Same as above	625.50	11	20	9.3	10
												Same as above	623.00	8	9	5.0	10

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)

PLOT DATE = 09/08/2009
 PLOT SCALE = 1" = 10'-0" (1:120)
 USER NAME = CFC

BORING LOGS
SN 006-0172 (EB) & SN 006-0173 (WB)

 Coombe-Bloxdorf P.C. - CIVIL ENGINEERS - - STRUCTURAL ENGINEERS - - LAND SURVEYORS - Design Firm License No. 184-002703	PROJECT NO. 05061	F.A.I. RTE. 80	SECTION *	COUNTY BUREAU	TOTAL SHEETS 344	SHEET NO. 194
	DATE 6/25/09	SHEET NO. 41	CONTRACT NO. 66908			
DESIGN BY RM/MCB	45 SHEETS	FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
CHECKED BY TFG		*06-[7BR & BR-1, TVB-M, 6BR & 6, 7 RS-1 & I]				