Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Date 8/5/04

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

BORING NO. B-4
Station 1434+90
Offset 10.00ft Lt WB CL
Ground Surface Elev. 681.7 ft

Surface Water Elev. 634.8 ft
Stream Bed Elev. 632.3 ft

Groundwater Elev.:
First Encounter 634.2 ft ▼
Upon Completion Wash ft
After ___ Hrs. ___ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Begin Wash VERY DENSE tan/gray fine SAND with some GRAVEL and a CLAY lens	579.70		42 40 31		
Wash VERY DENSE gray well-cemented SANDY GRAVEL	577.20		18 26 40		
End of Boring		-85			
		-90			
		-95			
		-100			

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)

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Date 3/15/05

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

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 1433+77

BORING NO. B-5
Station 1433+72
Offset 3.00ft Rt CL
Ground Surface Elev. 662.2 ft

Surface Water Elev. 634.8 ft
Stream Bed Elev. 632.3 ft

Groundwater Elev.:
First Encounter 629.7 ft ▼
Upon Completion Wash ft
After ___ Hrs. ___ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
STIFF brown SANDY LOAM				1.1 P	14
STIFF brown CLAY LOAM	659.70		5 6 8	1.7 B	21
VERY STIFF brown SANDY LOAM with GRAVEL	658.20	-5	4 16 35	3.0 B	10
DENSE tan dirty SAND & GRAVEL	655.20		16 16 18		
MEDIUM tan dirty SAND & GRAVEL	653.20	-10	14 10 9		
Same as above	650.70		13 11 14		
Same as above	648.20	-15	12 12 15		
MEDIUM tan SAND & GRAVEL	645.70		11 13 14		
	642.70	-20			
STIFF green/gray CLAY LOAM TILL with SAND lens			3 5 7	1.8 B	17
STIFF dark brown SILTY CLAY LOAM	640.70		1 5 5	1.5 B	24
VERY STIFF brown CLAY LOAM TILL with very moist SAND lens	638.20	-25	3 5 6	2.9 B	12
No Recovery	635.70		8 10 13		
HARD brown SILTY CLAY LOAM TILL	633.20	-30	6 8 14	4.5 B	12
HARD brown SILTY CLAY LOAM TILL	630.70	▼	8 10 15	5.2 B	11
HARD brown SILTY CLAY LOAM TILL	628.20	-35	7 13 18	5.4 B	11
VERY STIFF brown SILTY CLAY LOAM TILL	625.70		13 11 13	2.7 B	11
	623.20	-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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Offset 3.00ft Rt CL
Ground Surface Elev. 662.2 ft

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Stream Bed Elev. 632.3 ft

Groundwater Elev.:
First Encounter 629.7 ft ▼
Upon Completion Wash ft
After ___ Hrs. ___ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
VERY STIFF brown SILTY CLAY LOAM TILL			3 5 7	2.3 B	14
HARD brown SILTY CLAY LOAM TILL	620.70		3 11 14	6.4 B	10
VERY STIFF brown SILTY CLAY LOAM TILL	618.20	-45	10 12 12	3.5 B	12
STIFF brown SILTY CLAY LOAM TILL	615.70		3 7 9	2.0 B	12
Same as above	613.20	-50	3 6 8	1.8 B	12
VERY STIFF brown SILTY CLAY LOAM TILL	610.70		3 6 9	3.1 B	11
Same as above	608.20	-55	6 10 10	3.1 B	11
VERY STIFF gray CLAY LOAM	605.70		2 4 6	2.3 B	21
	603.20	-60			
HARD gray/green CLAY LOAM TILL			3 7 9	5.2 B	20
VERY STIFF tan/gray CLAY LOAM TILL	600.70		4 7 8	2.3 B	22
VERY STIFF tan SANDY LOAM TILL	598.20	-65	3 5 8	3.5 B	16
HARD green/gray SANDY LOAM TILL	595.70		11 13 17	4.1 B	14
HARD green/gray CLAY LOAM TILL	593.20	-70	7 14 16	5.4 B	14
VERY STIFF gray/green CLAY LOAM TILL	590.70		7 14 20	3.9 B	15
HARD green/gray CLAY LOAM TILL	588.20	-75	9 15 15	4.3 B	15
MEDIUM tan/gray fine and medium SAND	585.20		16 18 10		
	582.70	-80			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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PLOT DATE = 09/08/2009
FILE NAME = ...B0060172_0173-66908-040-045-boring-logs.dgn
PLOT SCALE = 0d1.029397 ',' / IN.
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
SCALE	
DATE	6/25/09
DESIGN BY	RM/MCB
DRAWN BY	TFC
CHECKED BY	MCB

SHEET NO. 43
45 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	BUREAU	344	196
		CONTRACT NO. 66908		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

*06-[7BR & BR-1, 7VB-M, 6BR & 6, 7 RS-1 & I]