

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEETS	SHEET	SHEET NO. 9
		WOODFORD	24	17	10 SHEETS
* 05-00018-00-BR CONTRACT #89414					

BORING LOG

BORING NO. B-01 DATE 03-13-06
W. & A. FILE NO. 4703 SHEET 6 OF 6

WHITNEY & ASSOCIATES
INCORPORATED
2406 West Nebraska Avenue
PEORIA, ILLINOIS 61604

PROJECT: WASHBURN BRIDGE, SEC. #05-00018-00-BR (STR. #7402) LOCATION: Woodford County, Illinois
BORING LOCATION: 6' West Of West Abutment, 7' South of Centerline DRILLED BY: Fehi
BORING TYPE: Hollow Stem Auger WEATHER CONDITIONS: Partly Cloudy & Mild
SOIL CLASSIFICATION SYSTEM: U.S.B.S.C. SEEPAGE WATER ENCOUNTERED AT ELEVATION: (-)11.8 FT.
GROUND SURFACE ELEVATION: 100.8 GROUND WATER ELEVATION AT COMPLETION: HRS.
BORING DISCONTINUED AT ELEVATION: 24.8 GROUND WATER ELEVATION AT COMPLETION: (-)13.1 FT.

DEPTH IN FEET	DESCRIPTION	SAMPLE TYPE	N	Qp	Qu	Dd	Mc
3'	OIL AND CHIPS						
11'	Brown, Medium-Grained SAND AND GRAVEL						
04	Medium, Dark Brown SILTY CLAY	SS	2 1 2(3)	0.6	0.6	93	25
		SS	2 3(5)	0.7	0.5	92	26
08	Soft, Dark Brown SANDY CLAY With Some Gravel	SS	1 2 1(3)	0.5	0.3	96	24
		SS	1 2(2)	0.2	-	-	25
12	Very Soft, Brown And Dark Brown SANDY CLAY LOAM	SS	2 3	2.1	1.9	115	18
		SS	4 4(8)	2.5	2.3	117	15
16	Stiff, Gray, Unweathered GLACIAL SILTY CLAY TILL	SS	3 4 5(9)	2.0	1.7	116	16
		SS	4 5 6(11)	2.2	2.0	116	16
20	Loose, Brown, Medium- To Coarse-Grained SAND With Fine-Grained Gravel	SS	1 2 2(4)	-	-	-	-

N - BLOWS DELIVERED PER FOOT BY A 140 LB. HAMMER FALLING 30 INCHES
SS - SPLIT SPOON SAMPLE
ST - SHELBY TUBE SAMPLE
Qp - CALIBRATED PENETROMETER READING - T.S.F. FALLING 30 INCHES
Qu - UNCONFINED COMPRESSIVE STRENGTH - T.S.F.
Dd - NATURAL DRY DENSITY - P.C.F.
Mc - NATURAL MOISTURE CONTENT - %

WHITNEY & ASSOCIATES
PEORIA, ILLINOIS

BORING LOG
(CONTINUATION)

BORING NO. B-01 DATE 03-13-06
PROJECT: Washburn Bridge: Section #05-00018-00-BR (Structure #7402) SHEET 2 OF 6
LOCATION: Woodford County, Illinois W. & A. FILE NO. 4703

DEPTH IN FEET	DESCRIPTION	SAMPLE TYPE	N	Qp	Qu	Dd	Mc
	See Sheet 1 of 6						
30	Medium-Density, Brown, Medium- To Coarse-Grained SAND With Fine-Grained Gravel	SS	3 5 5(10)	-	-	-	-
34	Medium-Density, Brown, Medium- To Coarse-Grained SAND With Medium-Grained Gravel	SS	4 5 6(11)	-	-	-	-
38	Hard, Gray, Unweathered GLACIAL SILTY CLAY TILL	SS	6 7 8(15)	-	-	-	-
42	Very Stiff, Gray, Unweathered GLACIAL SILTY CLAY TILL	SS	5 6 12(18)	4.5+	4.2	124	11
46	Hard, Gray, Unweathered GLACIAL SANDY CLAY TILL	SS	8 12 18(30)	4.2	3.8	122	12
50	Hard, Gray, Unweathered GLACIAL SANDY CLAY TILL	SS	101/8"	4.5+	5.3	124	10
54	Hard, Gray, Unweathered GLACIAL SANDY CLAY TILL	SS	97/8"	4.5+	4.6	124	9

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BORING LOG
(CONTINUATION)

BORING NO. B-01 DATE 03-13-06
PROJECT: Washburn Bridge: Section #05-00018-00-BR (Structure #7402) SHEET 3 OF 6
LOCATION: Woodford County, Illinois W. & A. FILE NO. 4703

DEPTH IN FEET	DESCRIPTION	SAMPLE TYPE	N	Qp	Qu	Dd	Mc
	See Sheet 2 of 6						
60		SS	95/8"	4.5+	4.9	125	9
64		SS	101/8"	4.5+	4.5	124	10
68							
72		SS	100/8"	4.5+	4.1	125	9
76		SS	110/8"	4.5+	4.8	126	9
EXPLORATORY BORING DISCONTINUED							
80							
84							

NOTE: Benchmark (100.0) - West Abutment Of Pedestrian Bridge

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WHITNEY & ASSOCIATES
PEORIA, ILLINOIS

DESIGNED	-
CHECKED	-
DRAWN	-
CHECKED	-

BORING LOGS
WALNUT STREET OVER SNAG CREEK
SECTION 05-00018-00-BR
WOODFORD COUNTY
STATION 13+91.11