

**BORING NO. B-02**  
DATE 04-26-10  
W & A FILE NO. 5277

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

**BORING LOG**

PROJECT: STARK COUNTY BRIDGE - SECTION NO. 10-00163-00-BR  
LOCATION: Stark County, Illinois  
BORING LOCATION: See Plot Plan Sheet  
BORING TYPE: Hollow Stem Auger  
WEATHER CONDITIONS: Partly Cloudy & Mild  
SOIL CLASSIFICATION SYSTEM: U.S.B.S.C.  
GROUND SURFACE ELEVATION: 0.0  
BORING DISCONTINUED AT ELEVATION: (-) 51.0 FT.

DEPTH IN FEET	SAMPLE TYPE	N	Qp	Qc	Qs	Mc
11'						
15'						
04	SS	1 2 1(3) 0	1.0	-	-	15
	SS	1 0(1)	0.4	0.3	90	29
08	SS	2 2 0(5)	1.8	1.7	97	22
	SS	2 3 3(6) 7	1.3	1.1	102	18
12	SS	7 7 8(15) 7	-	-	-	15
16	SS	7 8(15)	-	-	-	-
	SS	6 6 7(13) 6	-	-	-	-
20	SS	7 8(15) 5 6 7(13) 6 6	-	-	-	-
24	SS	6 6 8(14)	-	-	-	-

N - BLOWS DELIVERED PER FOOT BY A 140 LB. HAMMER FALLING 30 INCHES  
Qp - CALIBRATED PENETROMETER READING - T.S.F.  
Qc - UNCONFIRMED COMPRESSIVE STRENGTH - T.S.F.  
Qs - NATURAL DRY DENSITY - P.C.F.  
Mc - NATURAL MOISTURE CONTENT - %

SS - SPLIT SPIN SAMPLE  
ST - Shelby Tube Sample

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(CONTINUATION)  
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SHEET 5 OF 9  
W & A FILE NO. 5277

DEPTH IN FEET	SAMPLE TYPE	N	Qp	Qc	Qs	Mc
See Sheet 4 of 9						
	SS	7 7 9(16)	-	-	-	-
30	SS	7 6 12(20)	-	-	-	-
34	SS	3 4 5(9)	1.3	1.2	118	14
38						
42	SS	12 15 17(32)	-	-	-	-
46	SS	8 16 18(34)	-	-	-	-
50	SS	12 18 21(39)	-	-	-	-
54	SS	15 22 29(50)	-	-	-	-

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DEPTH IN FEET	SAMPLE TYPE	N	Qp	Qc	Qs	Mc
See Sheet 6 of 9						
60	SS	15 18 20(39)	-	-	-	-
64						
68						
72						
76						
80						
84						

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**BORING B-02**  
Sta. 12+44 (6' L1.)