

Whitney & Associates used centerline bridge = Sta. 112+75 with stations increasing to the north. = Project Sta. 7+27  
 Boring B-02 is 13' Right of Project Sta. 6+77

**BORING NO. B-02**  
 DATE 11-20-08  
 W & A FILE NO. 4822  
 SHEET 4 OF 6

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

**BORING LOG**

PROJECT **ELMORE ROAD BRIDGE, SECTION #08-00092-00-BR** LOCATION Peoria County, Illinois  
 BORING LOCATION Station 112+25, 13' Right of Centerline DRILLED BY Fahl  
 BORING TYPE Hollow Stem Auger WEATHER CONDITIONS Partly Cloudy & Mild  
 SOIL CLASSIFICATION SYSTEM U.S.B.S.C. SEEPAGE WATER ENCOUNTERED AT ELEVATION (-)26.5 FL  
 GROUND SURFACE ELEVATION 876.8 GROUND WATER ELEVATION AT COMPLETION HRS None  
 BORING DISCONTINUED AT ELEVATION 804.8

DEPTH IN FEET	DESCRIPTION	SAMPLE TYPE	N	Qp	Qu	Ds	Mc
0	Brown, Fine- To Medium-Grained GRAVEL With Dark Brown Silty Clay And Crushed Limestone						
04	Stiff, Brown SILTY CLAY With Some Fine-Grained Gravel (F#)	SS	2	1.3	1.2	98	22
			1				
			2(3)				
			2	1.8	1.5	101	19
			2(4)				
08	Very Stiff, Brown And Gray SILTY CLAY LOAM With Some Fine-Grained Gravel (F#)	SS	3	4	2.5	104	17
			4				
			4(8)				
12	Stiff, Brown, Gray And Dark Brown SILTY CLAY With Some Fine-Grained Gravel And Organic Matter (F#)	SS	4	1.5	1.2	99	18
			4				
			5(9)				
16	Stiff, Dark Brown SILTY CLAY With Some Organic Matter	SS	5	2.0	1.8	98	24
			5(10)				
			4				
			5				
20	Hard, Brown And Gray, Weathered GLACIAL SILTY CLAY TILL	SS	8	4.5+	5.7	123	12
			7(13)				
			8				
			9	4.5+	5.9	124	11
			10(16)				
24	Very Stiff, Gray, Unweathered GLACIAL SILTY CLAY TILL	SS	9	4.0	3.8	121	13
			8				
			7				
			10(15)				
			8	3.8	3.6	121	13
			10(15)				

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.  
 Qu - UNCONFINED COMPRESSIVE STRENGTH - T.S.F.  
 Ds - NATURAL DRY DENSITY - P.C.F.  
 Mc - NATURAL MOISTURE CONTENT - %

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**BORING LOG**  
 (CONTINUATION)

SHEET 5 OF 6  
 W & A FILE NO. 4822

DEPTH IN FEET	DESCRIPTION	SAMPLE TYPE	N	Qp	Qu	Ds	Mc
	See Sheet 4 of 6						
	Hard, Gray, Unweathered GLACIAL SILTY CLAY TILL	SS	8	4.5+	4.7	122	12
			11(20)				
30		SS	8	4.5+	4.9	122	12
			11(20)				
34		SS	9	4.5	4.3	120	13
			11(24)				
38							
			9				
			14	4.5+	5.0	123	12
			16(30)				
42		SS	11	4.5+	5.4	122	13
			15				
			18(33)				
46		SS	7				
			12	4.5+	6.0	123	12
			13(25)				
50		SS	8	4.5+	5.8	124	11
			12				
			14(28)				

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 (CONTINUATION)

SHEET 6 OF 6  
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DEPTH IN FEET	DESCRIPTION	SAMPLE TYPE	N	Qp	Qu	Ds	Mc
	See Sheet 5 of 6						
60		SS	8	4.5+	5.2	123	12
			11(23)				
64		SS	10	4.5+	6.1	125	11
			14(31)				
68							
			11	4.5+	6.5	125	11
			14(33)				
72	EXPLORATORY BORING DISCONTINUED						
76							
80							
84							

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WHITNEY & ASSOCIATES  
 PEORIA, ILLINOIS

DESIGNED	FJL
CHECKED	LLV
DRAWN	MGM
CHECKED	FJL

**BORING LOGS (B-02)  
 ELMORE ROAD BRIDGE  
 OVER FRENCH CREEK**

<b>AECOM</b> 111 NE Jefferson Ave. Peoria, Illinois 61602 Ph: 309.676.8464 Fax: 309.676.5445 IL Design Firm Reg. No. 184-001518 www.aecom.com	HWY	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	R-15	08-00092-00-BR	PEORIA	32	25
	STRUCTURE NO. 072-3147		STATION 7+27		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT BROS-0143(049)