

BORING NO. B-01
 DATE 11-20-08
 W & A FILE NO. 4822

WHITNEY & ASSOCIATES
 3406 West Nebraska Avenue
 PEORIA, ILLINOIS 61604

BORING LOG

PROJECT ELMORE ROAD BRIDGE, SECTION #08-00092-00-BR LOCATION Peoria County, Illinois
 BORING LOCATION Station 113+24, 13' Left 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 None
 GROUND SURFACE ELEVATION 676.0 GROUND WATER ELEVATION AT 3 HRS (-)27.1 FT
 BORING DISCONTINUED AT ELEVATION 600.0 GROUND WATER ELEVATION AT COMPLETION (-)50.0 FT

DEPTH IN FEET	SAMPLE TYPE	N	Qp	Qc	Dc	Mc
0-4	SS	1	0.8	0.7	98	24
4-8	SS	2	1.2	1.0	95	25
8-12	SS	3	1.4	1.1	102	19
12-16	SS	2	1.5	1.4	101	21
16-20	SS	2	1.3	1.2	97	24
20-24	SS	2	1.1	0.9	99	23
24-28	SS	3	3.3	3.2	118	14
28-32	SS	4	3.6	3.3	118	14
32-36	SS	6	4.5+	5.2	122	12
36-40	SS	8	4.5+	5.4	123	11

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

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BORING LOG
 (CONTINUATION)

PROJECT Elmore Road Bridge, Section #08-00092-00-BR SHEET 2 OF 6
 LOCATION Peoria County, Illinois W & A FILE NO. 4822

DEPTH IN FEET	SAMPLE TYPE	N	Qp	Qc	Dc	Mc
40-44	SS	7	2.4	2.1	117	15
44-48	SS	9	1.9	1.7	116	16
48-52	SS	7	4.0	3.5	119	13
52-56	SS	4	2.5	2.1	117	15
56-60	SS	6	3.5	3.3	119	13
60-64	SS	7	4.3	4.0	121	12
64-68	SS	7	3.8	3.6	120	13

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PROJECT Elmore Road Bridge, Section #08-00092-00-BR SHEET 3 OF 6
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DEPTH IN FEET	SAMPLE TYPE	N	Qp	Qc	Dc	Mc
68-72	SS	8	4.5+	7.0	124	11
72-76	SS	8	4.5+	6.6	124	11
76-80	SS	10	4.5+	6.8	125	10
80-84	SS	9	4.5+	6.6	125	11

EXPLORATORY BORING DISCONTINUED

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 Qp - UNCONFINED COMPRESSIVE STRENGTH - T.S.F.
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WHITNEY & ASSOCIATES
 PEORIA, ILLINOIS

DESIGNED	F.J.L.
CHECKED	LLV
DRAWN	MGM
CHECKED	F.J.L.

**BORING LOGS (B-01)
 ELMORE ROAD BRIDGE
 OVER FRENCH CREEK**

AECOM 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	24
	STRUCTURE NO. 072-3147		STATION 7+27		FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT BROS-0143(049)