

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

BORING LOG

BORING NO. B-02
DATE 2-21-05
W. & A. FILE NO. 4107
SHEET 3 OF 4

PROJECT TOWNLIN ROAD BRIDGE; #03-00016-00-BR (CH-7) LOCATION Tazewell County, IL
BORING LOCATION Station 9+77; 10' Right of Centerline DRILLED BY Eehl
BORING TYPE Hollow-Stem Auger WEATHER CONDITIONS Partly Cloudy & Mild
SOIL CLASSIFICATION SYSTEM U.S.B.S.C. SEEPAGE WATER ENCOUNTERED AT ELEVATION (-) 10.5 Ft.
GROUND SURFACE ELEVATION (460.8) 99.8 GROUND WATER ELEVATION AT 3 HRS (-) 9.4 Ft.
BORING DISCONTINUED AT ELEVATION 48.8 GROUND WATER ELEVATION AT COMPLETION (-) 9.7 Ft.

DESCRIPTION	DEPTH IN FEET	SAMPLE TYPE	N	Qp	Qu	Dd	MC
<u>BITUMINOUS CONCRETE</u>	<u>7"</u>						
<u>Brown Medium-Grained SAND And GRAVEL</u>	<u>14"</u>						
<u>Medium, Dark Brown SILTY CLAY With Some Organic Matter (Fill)</u>							
<u>(456.7)</u>							
<u>Soft To Medium, Dark Brown And Dark Gray SANDY CLAY (Fill)</u>							
	<u>04</u>	SS	2	0.6	0.5	86	26
			3(5)				
			2				
		SS	2	0.5	0.4	94	22
			2(4)				
			2				
	<u>08</u>	SS	3	0.8	0.6	93	23
			4(7)				
<u>(451.2)</u>			4				
<u>Loose, Brown, Fine- To Coarse-Grained SAND With Considerable Fine-Grained Gravel</u>		SS	3	-	-	-	14
			4(7)				
<u>(448.6)</u>			5				
<u>Medium-Density, Brown, Fine- To Coarse-Grained SAND With Considerable Fine-Grained Gravel</u>		SS	7	-	-	-	-
			9(18)				
			6				
	<u>16</u>	SS	7	-	-	-	-
			10(17)				
			7				
		SS	11	-	-	-	-
<u>(441.9)</u>			12(23)				
<u>Medium-Density, Brown, Fine- To Coarse-Grained SAND</u>			8				
	<u>20</u>	SS	12	-	-	-	-
			13(25)				
			8				
		SS	10	-	-	-	-
			13(23)				
<u>(437.0)</u>			8				
<u>Medium-Density, Brown, Fine- To Coarse-Grained SAND With Some Fine-Grained Gravel</u>		SS	11	-	-	-	-
	<u>24</u>		15(26)				

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.
Dd - NATURAL DRY DENSITY - P.C.F.
Mc - NATURAL MOISTURE CONTENT - %

WHITNEY & ASSOCIATES
PEORIA, ILLINOIS

BORING LOG
(CONTINUATION)

BORING NO. B-02 DATE 2-21-05
PROJECT Townline Road Bridge; #03-00016-00-BR (CH-7) SHEET 4 OF 4
LOCATION Tazewell County, Illinois W. & A. FILE NO. 4107


DESCRIPTION	DEPTH IN FEET	SAMPLE TYPE	N	Qp	Qu	Dd	Mc
<u>See Sheet 3 of 4</u>							
			8				
		SS	12	-	-	-	-
			16(28)				
	<u>30</u>		6				
		SS	9	-	-	-	-
			13(22)				
<u>(427.9)</u>			7				
<u>Medium-Density, Brown, Fine- To Medium-Grained SAND</u>			10	-	-	-	-
	<u>34</u>	SS	10	-	-	-	-
			12(22)				
			7				
	<u>38</u>		10	-	-	-	-
<u>(421.9)</u>			14	-	-	-	-
<u>Dense, Brown, Fine- To Medium-Grained SAND</u>		SS	14	-	-	-	-
			20(34)				
	<u>42</u>		12	-	-	-	-
		SS	17	-	-	-	-
			21(38)				
	<u>46</u>		13	-	-	-	-
		SS	16	-	-	-	-
			20(36)				
<u>(409.0)</u>			13	-	-	-	-
<u>EXPLORATORY BORING DISCONTINUED</u>			16	-	-	-	-
			20(36)				
	<u>54</u>						

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Qp - CALIBRATED PENETROMETER READING - T.S.F.
Qu - UNCONFINED COMPRESSIVE STRENGTH - T.S.F.
Dd - NATURAL DRY DENSITY - P.C.F.
Mc - NATURAL MOISTURE CONTENT - %

WHITNEY & ASSOCIATES
PEORIA, ILLINOIS

BORING 2



Rice, Berry and Associates
A Division of Hampton,
Lenzini and Renwick, Inc.
Civil & Structural Engineers
3085 Stevenson Drive
Suite 201
Springfield, Illinois 62703
217-546-3400
P.O. Box 1036
DuQuoin, Illinois 62832
618-790-4637

Account Number 12-91-0014-1
Date: 03/22/06
DESIGNED: S.M.S. | CHECKED: S.W.M. | DRAWN: D.B.

BORING 2
C.H. 7 / TOWNLIN ROAD
SECTION 03-00016-00-BR
TAZEWELL COUNTY
STR. NO. 090-3237 STATION 10+75