


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING NO. B-03
DATE 12-20-07
W. & A. FILE NO. 4374
SHEET 5 **OF** 6



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

BORING LOG

PROJECT VETERANS ROAD BRIDGE - SECTION #06-07109-00-BR
LOCATION Tazewell County, Illinois
BORING LOCATION Station 34+60, 10' Left of Centerline
DRILLED BY Fehl
BORING TYPE Hollow Stem Auger
WEATHER CONDITIONS Partly Cloudy & Mild
SOIL CLASSIFICATION SYSTEM U.S.B.S.C.
SEEPAGE WATER ENCOUNTERED AT ELEVATION (-)28.5 Ft.
GROUND SURFACE ELEVATION 528+
GROUND WATER ELEVATION AT _____ HRS. _____
BORING DISCONTINUED AT ELEVATION 472+
GROUND WATER ELEVATION AT COMPLETION (-)15.9 Ft. CAVE-IN

DESCRIPTION	DEPTH IN FEET	SAMPLE TYPE	N	Q _p	Q _u	D _d	M _c
Dark Brown SANDY CLAY LOAM Organic Topsoil	18"						
Medium-Density, Gray-Brown, Fine-Grained SAND With Some Coarse-Grained Sand And Fine-Grained Gravel	04	SS	6 7(12) 8	-	-	-	3
Medium-Density, Brown, Fine- To Medium-Grained SAND With Considerable Silty Clay		SS	9 10(19)	-	-	-	6
Medium-Density, Brown, Medium-Grained SAND With Some Fine-Grained Gravel And Silty Clay	08	SS	7 8 9(17)	-	-	-	6
Medium-Density, Brown, Medium- To Coarse-Grained SAND With Some Silty Clay	12	SS	8 9 10(19)	-	-	-	7
Medium-Density, Light Brown, Fine-Grained SAND		SS	5 7 9(16)	-	-	-	4
	16	SS	6 8 10(18)	-	-	-	5
		SS	7 7 9(16)	-	-	-	5
Medium-Density, Light Brown, Fine- To Medium-Grained SAND	20	SS	8 11 17(28)	-	-	-	4
		SS	8 11 12(23)	-	-	-	5
Medium-Density, Light Brown, Fine-Grained SAND	24	SS	8 10 13(23)	-	-	-	7

N - BLOWS DELIVERED PER FOOT BY A 140 LB. HAMMER FALLING 30 INCHES
SS - SPLIT SPOON SAMPLE
ST - SHELBY TUBE SAMPLE

Q_p - CALIBRATED PENETROMETER READING - T.S.F.
Q_u - UNCONFINED COMPRESSIVE STRENGTH - T.S.F.
D_d - NATURAL DRY DENSITY - P.C.F.
M_c - NATURAL MOISTURE CONTENT - %

WHITNEY & ASSOCIATES
PEORIA, ILLINOIS

BORING NO. B-03
PROJECT Veterans Road Bridge - Section #06-07109-00-BR
LOCATION Tazewell County, Illinois

BORING LOG
(CONTINUATION)

DATE 12-20-07
SHEET 6 **OF** 6
W & A. FILE NO. 4374

DESCRIPTION	DEPTH IN FEET	SAMPLE TYPE	N	Q _p	Q _u	D _d	M _c
See Sheet 5 of 6		SS	9 10 11(21)	-	-	-	18
Medium-Density, Light Brown, Fine- To Medium-Grained SAND With Occasional Fine-Grained Gravel	30	SS	8 14 16(30)	-	-	-	-
Stiff, Brown SANDY CLAY With Some Coarse-Grained Sand And Fine-Grained Gravel	34	SS	7 8 10(18)	1.5	1.2	107	18
	38						
Medium-Density, Brown, Medium- To Coarse-Grained SAND And Fine-Grained GRAVEL	42	SS	5 7 8(15)	-	-	-	-
Dense, Brown, Medium- To Coarse-Grained SAND	46	SS	8 12 20(32)	-	-	-	-
Dense, Brown, Medium- To Coarse-Grained SAND And Fine- To Coarse-Grained GRAVEL	50	SS	8 21 27(48)	-	-	-	-
EXPLORATORY BORING DISCONTINUED	54	SS	9 19 24(43)	-	-	-	-

N - BLOWS DELIVERED PER FOOT BY A 140 LB. HAMMER FALLING 30 INCHES
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WHITNEY & ASSOCIATES
PEORIA, ILLINOIS

DESIGNED - JAE
CHECKED - BAS
DRAWN - SGM
CHECKED - BAS

SOIL BORINGS
STRUCTURE NO. 090-3244

SHEET NO. 22	T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	156	06-07109-00-BR	TAZEWELL	53	42
22 SHEETS	CONTRACT NO. 89472				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

