

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

**BORING LOG**

BORING NO. B-02  
DATE 06-14-06  
W. & A. FILE NO. 3646  
SHEET 3 OF 4

PROJECT SECTION #05-08145-00-BR (STRUCTURE #3039) LOCATION Woodford County, Illinois  
BORING LOCATION \*\* Station 9+75: 6' 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 None  
GROUND SURFACE ELEVATION 101.5 (690.4) GROUND WATER ELEVATION AT - HRS. -  
BORING DISCONTINUED AT ELEVATION 64.5 GROUND WATER ELEVATION AT COMPLETION None

DESCRIPTION	DEPTH IN FEET	SAMPLE TYPE	N	Qp	Qu	Dd	Mc
OIL And CHIPS	3.5'						
Brown, Medium-Grained SAND And GRAVEL	20.0'						
Medium-Density, Brown, Fine-Grained SAND With Some Fine-Grained Gravel		SS	4	-	-	-	5
			5				
			6(11)				
Medium-Density, Brown, Fine- To Medium-Grained SAND With Some Fine-Grained Gravel And A Trace Of Silty Clay		SS	5	-	-	-	7
			7				
			8(15)				
Stiff, Gray And Light Brown SANDY CLAY			3				
		SS	4	1.8	1.5	-	15
			5(9)				
			4				
Very Stiff, Gray And Light Brown SANDY CLAY		SS	4	3.5	3.2	-	13
			5(9)				
Very Stiff, Brown And Gray, Weathered GLACIAL SANDY CLAY TILL			3				
		SS	4	3.0	2.6	-	14
			4(8)				
Hard, Brown And Gray, Weathered GLACIAL SANDY CLAY TILL			4				
		SS	4	4.3	4.1	-	12
			4(8)				
Hard, Gray, Unweathered GLACIAL SANDY CLAY TILL			8				
		SS	10	4.5+	4.2	-	10
			11(21)				
Very Stiff, Gray, Unweathered GLACIAL SANDY CLAY TILL			10				
		SS	14	3.6	3.1	-	10
			16(30)				
			15				
		SS	12	4.0	3.7	-	9
			14(26)				
			16				
Hard, Gray, Unweathered GLACIAL SANDY CLAY TILL		SS	24	4.5+	-	-	7
			28(52)				

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 - %

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\* Center of bridge = 100.0' assumed = 639.9 USGS

\*\* Sta. 14+67.8. 8.8' Rt.

DESIGNED - S.M.S.
CHECKED - M.D.C.
DRAWN - D.A.B.
CHECKED - S.W.M.

BORING 2

**BORING LOG**  
(CONTINUATION)


BORING NO. B-02 DATE 06-14-06  
PROJECT Section #05-08145-00-BR (Structure #3039) SHEET 4 OF 4  
LOCATION Woodford County, Illinois W. & A. FILE NO. 3646

DESCRIPTION	DEPTH IN FEET	SAMPLE TYPE	N	Qp	Qu	Dd	Mc
See Sheet 3 of 4							
Very Stiff, Gray SANDY LOAM		SS	12				
			17	3.5	-	-	13
			19(36)				
	30	SS	22				
			28	4.0	-	-	12
			22(50)				
Hard, Light Gray LIMESTONE (606.4)		SS	110(1)	4.5+	-	-	5
AUGER REFUSAL AT (-)37.0 FEET EXPLORATORY BORING DISCONTINUED	38						
	42						
	46						
	50						
	54						

N - BLOWS DELIVERED PER FOOT BY A 140 LB. HAMMER FALLING 30 INCHES  
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ST - SHELBY TUBE SAMPLE  
Qp - CALIBRATED PENETROMETER READING - T.S.F.  
Qu - UNCONFINED COMPRESSIVE STRENGTH - T.S.F.  
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BORINGS  
STRUCTURE NO. 102 - 3210

<b>HAMPTON, LENZINI &amp; RENWICK, INC.</b> CIVIL & STRUCTURAL ENGINEERS LAND SURVEYORS   3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 (217) 546-3400	SHEET NO. 16	T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	16 SHEETS	50	05-08145-00-BR	WOODFORD	47	44
PROJECT NUMBER: 07.0373.130	DATE: 02/02/08	METAMORA ROAD DISTRICT		CONTRACT NO. 89448		
		FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		