

WHITNEY & ASSOCIATES
INCORPORATED
2405 West Nebraska Avenue
PEORIA, ILLINOIS 61604

BORING LOG

BORING NO. B-01
DATE 06-14-06
W. & A. FILE NO. 3646
SHEET 1 OF 4

PROJECT SECTION #05-08145-00-BR (STRUCTURE #3039) LOCATION Woodford County, Illinois
BORING LOCATION ** Station 10+30; 0' Left Of Centerline
BORING TYPE Hollow Stem Auger DRILLED BY FehI
SOIL CLASSIFICATION SYSTEM U.S.B.S.C. WEATHER CONDITIONS Partly Cloudy & Mild
GROUND SURFACE ELEVATION 99.1 (639.0)* SEEPAGE WATER ENCOUNTERED AT ELEVATION None
BORING DISCONTINUED AT ELEVATION 65.6 GROUND WATER ELEVATION AT 2 HRS. None
GROUND WATER ELEVATION AT COMPLETION None

DESCRIPTION	DEPTH IN FEET	SAMPLE TYPE	N	Qp	Qu	Dd	Mc
OIL AND CHIPS	2.5"						
Brown, Medium-Grained SAND AND GRAVEL	18.0"						
Medium, Brown And Gray SANDY CLAY LOAM With Some Fine-Grained Gravel			4				
	04	SS	3	1.3	0.8	-	13
			3(6)				
			4				
		SS	3	1.2	0.7	-	14
			3(6)				
Medium, Brown And Gray SANDY CLAY With Some Fine-Grained Gravel			3				
	08	SS	4	0.6	0.6	-	15
			3(7)				
			4				
		SS	4	1.1	0.6	-	14
			4(B)				
	12		2				
		SS	2	0.8	0.7	-	14
			3(5)				
Stiff, Brown And Gray SANDY CLAY With Some Fine-Grained Gravel			3				
	16	SS	3	1.4	1.3	-	13
			3(6)				
			4				
		SS	5	1.5	1.2	-	14
			11(16)				
Hard, Gray, Unweathered GLACIAL SANDY CLAY TILL			18				
	20	SS	22	4.5+	5.8	-	11
			26(48)				
			15				
		SS	25	4.5+	6.3	-	11
			31(56)				
	24		30				
Hard, Light Gray LIMESTONE (615.0)		SS	19	4.5+	-	-	5
			24(43)				

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' vs 65
** Sta. 15+22.6, 14.1' Rt.

BORING LOG
(CONTINUATION)

BORING NO. B-01 DATE 06-14-06
PROJECT Section #05-08145-00-BR (Structure #3039) SHEET 2 OF 4
LOCATION Woodford County, Illinois W. & A. FILE NO. 3646

DESCRIPTION	DEPTH IN FEET	SAMPLE TYPE	N	Qp	Qu	Dd	Mc
See Sheet 1 of 4							
		SS	42	4.5+	-	-	5
	30		68/3"				
		SS	97/1"	4.5+	-	-	4
AUGER REFUSAL AT (-)33.5 FEET EXPLORATORY BORING DISCONTINUED							
	34						
	38						
	42						
	46						
	50						
	54						

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

BORING 1

BORINGS
STRUCTURE NO. 102 - 3210

HLR HAMPSON, LENZINI & RENWICK, INC. CIVIL & STRUCTURAL ENGINEERS LAND SURVEYORS 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 (217) 546-3400	SHEET NO. 15	T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	16 SHEETS	50	05-08145-00-BR	WOODFORD	47	43
PROJECT NUMBER: 07.0373.130	DATE: 02/02/09	METAMORA ROAD DISTRICT		CONTRACT NO. 89448		
		FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	