

**BORING NO. B-03(a)**  
 DATE 07-24-06  
 W. & A. FILE NO. 3688  
 SHEET 3 OF 5



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

**BORING LOG**

PROJECT LANCASTER ROAD IMPROVEMENT LOCATION Peoria County, Illinois  
 BORING LOCATION West Wall - Station 20+20; 85' 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 0.0 GROUND WATER ELEVATION AT 3 HRS None  
 BORING DISCONTINUED AT ELEVATION (-)21.0 Ft. GROUND WATER ELEVATION AT COMPLETION None

DESCRIPTION	DEPTH IN FEET	SAMPLE TYPE	N	Qp	Qu	Dd	Mc
Dark Brown SILTY CLAY LOAM Organic Topsoil	7"						
Very Stiff, Brown And Gray SILTY CLAY LOAM							
	04	SS	7 8 8(16) 8	3.5	3.2	103	15
		SS	10 12(22)	2.4	2.2	105	12
Stiff, Light Brown SILT							
	08	SS	5 6 7(13) 6	1.3	1.2	107	10
		SS	7 8(15)	1.5	-	-	10
	12	SS	7 8 10(18)	2.2	1.6	107	9
Stiff To Very Stiff, Brown SILTY CLAY LOAM							
	16	SS	4 8 12(20)	2.1	1.9	105	11
	20	SS	8 9 11(20)	2.4	2.2	105	12
EXPLORATORY BORING DISCONTINUED							
	24						

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 NO. B-04(a)**  
 DATE 07-24-06  
 W. & A. FILE NO. 3688  
 SHEET 4 OF 5



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

**BORING LOG**

PROJECT LANCASTER ROAD IMPROVEMENT LOCATION Peoria County, Illinois  
 BORING LOCATION East Wall - Station 46+60; 18' Right 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 0.0 GROUND WATER ELEVATION AT 4 HRS (-)12.1 Ft.  
 BORING DISCONTINUED AT ELEVATION (-)16.0 Ft. GROUND WATER ELEVATION AT COMPLETION None

DESCRIPTION	DEPTH IN FEET	SAMPLE TYPE	N	Qp	Qu	Dd	Mc
Brown SILTY CLAY LOAM Organic Topsoil	6"						
Medium, Brown SILTY CLAY LOAM							
	03	SS	3 3 3(6)	1.0	0.8	97	23
		SS	2 2 3(5)	1.1	1.0	97	24
Stiff, Brown SILTY CLAY							
	06	SS	3 3 4(7)	1.8	1.7	99	22
	09	SS	4 7 8(15)	2.5	2.4	117	16
Very Stiff, Brown, Weathered GLACIAL SILTY CLAY TILL							
	12	SS	3 3 3(6)	1.3	1.1	115	19
Stiff, Brown And Gray, Weathered GLACIAL SILTY CLAY TILL							
	15	SS	2 2 3(5)	0.7	0.5	116	12
Medium, Brown And Gray, Weathered GLACIAL SANDY CLAY TILL							
EXPLORATORY BORING DISCONTINUED							
	18						

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

SOIL BORINGS  
 PEORIA COUNTY  
 STRUCTURE NO. 072-3145