

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

BORING LOG

BORING NO. B-05(A)
DATE 07-24-06
W & A FILE NO. 3688
SHEET 5 OF 5


PROJECT LANCASTER ROAD IMPROVEMENT LOCATION Peoria County, Illinois
BORING LOCATION East Wall - Station 47+30; 20' 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 5 HRS (-)12.6 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
Dark Brown SILTY CLAY Organic Topsoil	6"						
Medium, Brown And Gray SILTY CLAY LOAM	03	SS	2 2 2(4)	1.0	0.8	97	21
	06	SS	4 3 4(7)	0.7	0.6	96	23
	09	SS	3 3 4(7)	1.0	0.8	95	24
	12	SS	4 4 5(9)	1.2	1.0	96	24
Stiff, Gray And Orange-Brown, Weathered GLACIAL SILTY CLAY TILL	12	SS	3 4 7(11)	1.5	1.3	115	18
Very Stiff, Brown And Gray, Weathered GLACIAL SILTY CLAY TILL	15	SS	5 6 8(14)	2.5	2.2	117	16
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 - %

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BORING LOG

BORING NO. B-03
DATE 8-16-04
W & A FILE NO. 3755
SHEET 1 OF 5

PROJECT LANCASTER ROAD BRIDGE; SEC# 93-00049-00-BR LOCATION Peoria County, Illinois
BORING LOCATION Station 30+78; 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 (-)7.0 Ft.
GROUND SURFACE ELEVATION 503+ GROUND WATER ELEVATION AT 5 HRS -
BORING DISCONTINUED AT ELEVATION 434+ GROUND WATER ELEVATION AT COMPLETION (-)4.1 Ft.

DESCRIPTION	DEPTH IN FEET	SAMPLE TYPE	N	Qp	Qu	Dd	Mc
Brown And Dark Brown SANDY CLAY Organic Topsoil	6"						
Medium-Density, Gray-Brown, Fine-Grained SAND With Some Weathered Sandstone	04	SS	3 7 5(12)	-	-	-	5
Very Dense, Gray-Brown, Fine-Grained SAND With Some Medium-Grained Gravel	08	SS	19 37 68(105)	-	-	-	8
Hard, Gray SANDSTONE (See Attached Rock Core Summary)	08	SS	97/5*	4.5+	-	-	9
	12	SS	106/2*	4.5+	-	-	10
	16	CORE	-	-	-	-	8
	20	CORE	-	-	-	-	7
	24	CORE	-	-	-	-	7
EXPLORATORY BORING DISCONTINUED							

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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SOIL BORINGS
PEORIA COUNTY
STRUCTURE NO. 072-3145