

BORING LOG
(CONTINUATION)

BORING NO. B-11 DATE 11-15-04

PROJECT Lancaster Road Bridge; Sec #93-00049-00-BR SHEET 16 OF 20

LOCATION Peoria County, Illinois W. & A. FILE NO. 3949

DESCRIPTION	DEPTH IN FEET	SAMPLE TYPE	N	Q _p	Q _u	D _d	M _c
See Sheet 15 of 20							
Hard, Light Brown, Weathered GLACIAL SILTY CLAY TILL	30	SS	35	4.5*	4.7	124	11
Hard, Gray, Unweathered GLACIAL SILTY CLAY TILL	34	SS	40	4.5*	5.8	125	10
	38						
	42	SS	43	4.5*	5.5	126	10
	46	SS	47	4.5*	5.9	126	9
EXPLORATORY BORING DISCONTINUED							
	50						
	54						

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



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

BORING LOG

BORING NO. B-12 DATE 11-15-04

W. & A. FILE NO. 3949 SHEET 17 OF 20

PROJECT LANCASTER ROAD BRIDGE; SEC# 93-00049-00-BR LOCATION Peoria County, Illinois

BORING LOCATION Station 21+95; 5" Right Centerline DRILLED BY Fehl

BORING TYPE Hollow-Stem Auger WEATHER CONDITIONS Partly Cloudy & Mild

SOIL CLASSIFICATION SYSTEM U. S. E. S. C. SEEPAGE WATER ENCOUNTERED AT ELEVATION None

GROUND SURFACE ELEVATION 618* GROUND WATER ELEVATION AT 24* HRS. None

BORING DISCONTINUED AT ELEVATION 567* GROUND WATER ELEVATION AT COMPLETION None

DESCRIPTION	DEPTH IN FEET	SAMPLE TYPE	N	Q _p	Q _u	D _d	M _c
Gray-Brown SILT LOAM Organic Topsoil Very Stiff, Light Brown SILT	5"						
		SS	11	2.5	-	-	7
	4						
		SS	10	3.0	-	-	7
	8	SS	10	2.5	-	-	8
		SS	12	2.8	-	-	8
Stiff, Brown SILT LOAM	12	SS	16	1.5	1.3	105	10
Hard, Brown, Weathered GLACIAL SANDY CLAY TILL	16	SS	14	4.5*	4.5	125	11
Very Stiff, Light Brown, Weathered GLACIAL SILTY CLAY TILL	20	SS	11	2.5	2.1	120	15
Hard, Light Brown, Weathered GLACIAL SANDY CLAY TILL	24	SS	27	4.5*	4.1	123	12

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

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SOIL BORINGS
PEORIA COUNTY
STRUCTURE NO. 072-3145