

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 389	93-00049-00-BR	PEORIA	99	48
FED. ROAD DIST. NO.	7	ILLINOIS PROJECT:	BRS-0369(104)	
CONTRACT NO. 89323				

SHEET 11 OF 13

BORING LOG
(CONTINUATION)
BORING NO. B-12 DATE 11-15-04
PROJECT Lancaster Road Bridge; Sec #93-00049-00-BR SHEET 18 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 17 of 20							
Hard, Gray-Brown, Weathered GLACIAL SILTY CLAY TILL	30	SS	33	4.5*	5.0	125	11
Hard, Gray, Unweathered GLACIAL SILTY CLAY TILL	34	SS	44	4.5*	6.4	125	10
Stiff, Gray SANDY CLAY LOAM	42	SS	47	2.0	1.5	115	11
Hard, Gray CLAY SHALE	46	SS	49	4.5*	-	-	12
Hard, Gray-Brown SANDSTONE	50	SS	70/6*	4.5*	-	-	7
EXPLORATORY BORING DISCONTINUED	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

BORING NO. B-13
DATE 11-15-04
W. & A. FILE NO. 3949
SHEET 19 OF 20



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

BORING LOG

PROJECT LANCASTER ROAD BRIDGE; SEC# 93-00049-00-BR LOCATION Peoria County, Illinois
BORING LOCATION Station 22+84; 20' Right 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 616+ GROUND WATER ELEVATION AT 24+ HRS. None
BORING DISCONTINUED AT ELEVATION 565+ GROUND WATER ELEVATION AT COMPLETION None

DESCRIPTION	DEPTH IN FEET	SAMPLE TYPE	N	Q _p	Q _u	D _d	M _c
Brown SILTY CLAY LOAM Organic Topsoil	6"						
Stiff, Light Brown SILT LOAM	4	SS	10	1.2	1.0	106	8
		SS	13	1.5	1.2	106	8
	8	SS	12	1.4	1.1	107	7
		SS	15	1.8	1.5	106	11
Stiff, Light Brown CLAY LOAM	12	SS	13	1.7	1.4	107	16
Very Stiff, Brown And Light Brown, Weathered GLACIAL SILTY CLAY TILL	16	SS	15	3.8	3.6	119	12
	20	SS	18	3.2	2.9	118	13
Stiff, Light Brown And Orange-Brown, Weathered GLACIAL SANDY CLAY TILL	24	SS	14	2.0	1.5	121	10

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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PEORIA, ILLINOIS

SOIL BORINGS
PEORIA COUNTY
STRUCTURE NO. 072-3145