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

BORING LOG

BORING NO. B-06
DATE 8-16-04
W. & A. FILE NO. 3755
SHEET 5 OF 5

PROJECT LANCASTER ROAD BRIDGE; SEC# 93-00049-00-BR
LOCATION Peoria County, Illinois
BORING LOCATION Station 34+50; Centerline
DRILLED BY Fehl
BORING TYPE Hollow-Stem Auger
WEATHER CONDITIONS Partly Cloudy & Mild

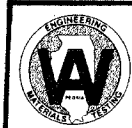
SOIL CLASSIFICATION SYSTEM U. S. B. S. C.
SEEPAGE WATER ENCOUNTERED AT ELEVATION (-)24.2 Ft
GROUND SURFACE ELEVATION 515+
GROUND WATER ELEVATION AT HRS
BORING DISCONTINUED AT ELEVATION 483+
GROUND WATER ELEVATION AT COMPLETION (-)19.5 Ft

DEPTH IN FEET	DESCRIPTION	SAMPLE TYPE	N	Qp	Qu	Dd	Mc
0	Brown SILTY CLAY Organic Topsoil Medium, Gray And Orange-Brown Mottled Dark Brown SILTY CLAY						
04		SS	2 2 4(6)	0.9	0.8	94	27
		SS	3 4 5(9)	1.0	0.9	93	28
08		SS	2 2 3(5)	0.8	0.7	93	28
	Loose, Brown, Fine-Grained SAND	SS	2 2 2(4)	-	-	-	21
12		SS	3 4 4(8)	1.7	1.5	105	22
	Stiff, Brown SANDY CLAY LOAM	SS	2 3 4(7)	1.5	1.3	103	23
20		SS	3 3 3(6)	0.5	0.3	94	27
	Soft, Gray SILTY CLAY LOAM	SS	3 3 4(7)	-	-	-	17
24		SS	3 3 4(7)	-	-	-	17
	Loose, Gray And Orange-Brown, Fine-To Medium-Grained SAND EXPLORATORY BORINGS DISCONTINUED	SS	3 3 4(7)	-	-	-	17

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-09
DATE 10-29-04
W. & A. FILE NO. 3949
SHEET 11 OF 20

PROJECT LANCASTER ROAD BRIDGE; SEC# 93-00049-00-BR
LOCATION Peoria County, Illinois
BORING LOCATION Station 19+05; 10' Left 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 619+
GROUND WATER ELEVATION AT 24+ HRS
BORING DISCONTINUED AT ELEVATION 588+
GROUND WATER ELEVATION AT COMPLETION None

DEPTH IN FEET	DESCRIPTION	SAMPLE TYPE	N	Qp	Qu	Dd	Mc
0	Brown SILTY CLAY Organic Topsoil Very Stiff, Brown SILTY CLAY						
4		SS	8	2.2	2.1	97	20
		SS	10	3.2	2.9	99	19
8		SS	10	2.7	2.5	103	15
	Very Stiff, Brown SILTY CLAY LOAM	SS	12	3.7	3.4	106	13
12		SS	11	3.4	3.1	105	14
	Very Stiff, Light Brown And Brown CLAY LOAM	SS	13	4.0	3.8	108	14
20		SS	14	4.4	4.1	121	12
	Hard, Light Brown And Brown, Weathered GLACIAL SILTY CLAY TILL	SS	14	4.5	4.7	124	11
24		SS	14	4.5	4.7	124	11

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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 PEORIA, ILLINOIS

SOIL BORINGS
 PEORIA COUNTY
 STRUCTURE NO. 072-3145