

WHITNEY & ASSOCIATES
INCORPORATED
2408 West McDermott Avenue
PEORIA, ILLINOIS 61604

BORING LOG
(CONTINUATION)
PROJECT Chestnut Township Bridge #05-00142-00-BR
LOCATION Knox County, Illinois

BORING NO. B-01
DATE 2-08-05
W.A.A. FILE NO. 4109
SHEET 1 OF 6

PROJECT CHESTNUT TOWNSHIP BRIDGE #05-00142-00-BR
LOCATION Knox County, Illinois
BORING LOCATION Station 9+82.1 5' Right of Centerline
DRILLED BY Fern Hollon-Slee Ruder
WEATHER CONDITIONS Partly Cloudy & Mild
SOIL CLASSIFICATION SYSTEM U.S.B.C.
SEEPAGE WATER ENCOUNTERED AT ELEVATION (-) 100.3
GROUND SURFACE ELEVATION 100.3
GROUND WATER ELEVATION AT COMPLETION
BORING DISCONTINUED AT ELEVATION 39.3

DEPTH IN FEET	DEPTH SAMPLE IN FEET	N	Qp	Qu	Du	Mc
04	1.5"	2	1.3	1.0	94	25
SS	3(15)	2	1.2	0.9	92	26
SS	3(15)	2	1.3	1.2	94	25
SS	8(17)	4	0.8	0.7	90	29
SS	3(15)	2	1.1	0.9	90	29
SS	2(3)	2	1.1	1.1	90	29
SS	2(3)	2	1.8	1.6	87	34
SS	3(15)	2	1.6	1.4	85	36
SS	3(15)	2	1.5	1.3	83	36
SS	4(13)	2	1.5	1.3	84	36
SS	2	2	1.5	1.3	84	36
SS	3(15)	2	1.3	1.3	84	36

N - BLOWS DELIVERED PER FOOT BY A 140 LB. HAMMER
Qp - CALIBRATED PENETROMETER READING - T.S.F.
Qu - UNCONFINED COMPRESSIVE STRENGTH - T.S.F.
Du - NATURAL DRY DENSITY - P.C.F.
Mc - NATURAL MOISTURE CONTENT - %

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ST - SHELBY TUBE SAMPLE

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SHEET 2 OF 6

PROJECT CHESTNUT TOWNSHIP BRIDGE #05-00142-00-BR
LOCATION Knox County, Illinois
BORING LOCATION Station 10+21.5' Left of Centerline
DRILLED BY Fern Hollon-Slee Ruder
WEATHER CONDITIONS Partly Cloudy & Mild
SOIL CLASSIFICATION SYSTEM U.S.B.C.
SEEPAGE WATER ENCOUNTERED AT ELEVATION (-) 92.5
GROUND SURFACE ELEVATION 92.5
GROUND WATER ELEVATION AT COMPLETION
BORING DISCONTINUED AT ELEVATION 38.9

DEPTH IN FEET	DEPTH SAMPLE IN FEET	N	Qp	Qu	Du	Mc
30	1.5"	2	1.2	1.1	82	38
SS	2(4)	2	1.2	1.0	89	33
SS	3(15)	7	1.5	1.2	90	32
SS	15(126)	10	3.1	2.9	102	20
SS	15(127)	19	-	-	-	16
SS	23(182)	29	-	-	-	12
SS	101(4)	101(4)	-	-	-	12
SS	105(6)	105(6)	-	-	-	12

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PROJECT CHESTNUT TOWNSHIP BRIDGE #05-00142-00-BR
LOCATION Knox County, Illinois
BORING LOCATION Station 10+94.5' Left of Centerline
DRILLED BY Fern Hollon-Slee Ruder
WEATHER CONDITIONS Partly Cloudy & Mild
SOIL CLASSIFICATION SYSTEM U.S.B.C.
SEEPAGE WATER ENCOUNTERED AT ELEVATION (-) 92.5
GROUND SURFACE ELEVATION 92.5
GROUND WATER ELEVATION AT COMPLETION
BORING DISCONTINUED AT ELEVATION 38.9

DEPTH IN FEET	DEPTH SAMPLE IN FEET	N	Qp	Qu	Du	Mc
60	1.5"	SS	117(3)	-	-	11
64	8.5"	SS	117(3)	-	-	11
68	8.5"	SS	117(3)	-	-	11
72	8.5"	SS	117(3)	-	-	11
76	8.5"	SS	117(3)	-	-	11
80	8.5"	SS	117(3)	-	-	11
84	8.5"	SS	117(3)	-	-	11

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BORING NO. B-02
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SHEET 4 OF 6

PROJECT CHESTNUT TOWNSHIP BRIDGE #05-00142-00-BR
LOCATION Knox County, Illinois
BORING LOCATION Station 10+21.5' Left of Centerline
DRILLED BY Fern Hollon-Slee Ruder
WEATHER CONDITIONS Partly Cloudy & Mild
SOIL CLASSIFICATION SYSTEM U.S.B.C.
SEEPAGE WATER ENCOUNTERED AT ELEVATION (-) 92.5
GROUND SURFACE ELEVATION 92.5
GROUND WATER ELEVATION AT COMPLETION
BORING DISCONTINUED AT ELEVATION 38.9

DEPTH IN FEET	DEPTH SAMPLE IN FEET	N	Qp	Qu	Du	Mc
1.5"	1.5"	1	0.6	0.5	90	28
SS	1(3)	1	0.7	0.5	89	30
SS	2(3)	1	0.8	0.8	94	24
SS	2(4)	1	0.8	0.7	91	27
SS	2(4)	2	0.8	0.6	90	29
SS	4(8)	3	1.6	1.3	96	22
SS	5(9)	3	1.3	1.1	96	23
SS	5(10)	2	1.6	1.3	98	22
SS	5(8)	4	3.5	3.2	100	20
SS	4(13)	5	4.2	3.9	103	17
SS	5	7	4.2	3.9	103	17
SS	11(18)	11(18)	-	-	-	-

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DEPTH IN FEET	DEPTH SAMPLE IN FEET	N	Qp	Qu	Du	Mc
30	1.5"	5	2.2	1.3	100	17
SS	9(18)	4	1.8	1.5	102	18
SS	8(13)	6	2.0	1.5	86	36
SS	12(18)	22	-	-	-	15
SS	34	47(11)	-	-	-	-
SS	15	27(13)	-	-	-	18
SS	26	27(13)	-	-	-	-
SS	14	38	-	-	-	-
SS	38	47(15)	-	-	-	-
SS	47(15)	47(15)	-	-	-	-
SS	97(4)	97(4)	-	-	-	-

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GROUND SURFACE ELEVATION 92.5
GROUND WATER ELEVATION AT COMPLETION
BORING DISCONTINUED AT ELEVATION 38.9

DEPTH IN FEET	DEPTH SAMPLE IN FEET	N	Qp	Qu	Du	Mc
60	SS	103(3)	-	-	-	-
64	-	-	-	-	-	-
68	-	-	-	-	-	-
72	-	-	-	-	-	-
76	-	-	-	-	-	-
80	-	-	-	-	-	-
84	-	-	-	-	-	-

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