


HANSON
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BORING NO. B-01
 DATE 2-26-04
 W. & A. FILE NO. 3433
 SHEET 1 OF 4



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

BORING LOG

PROJECT PERSIFER TOWNSHIP BRIDGE; SEC #06-15106-01BR LOCATION Knox County, IL
 BORING LOCATION Station 10+51; 6' Left 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 (-)22.8 Ft.
 GROUND SURFACE ELEVATION 101.9 GROUND WATER ELEVATION AT 3 HRS. (-) 9.7 Ft.
 BORING DISCONTINUED AT ELEVATION 49.1 GROUND WATER ELEVATION AT COMPLETION (-)13.1 Ft.

DEPTH IN FEET	SAMPLE TYPE	N	Qp	Qu	Dd	Mc
3*						
10*						
04	SS	2 2(4)	1.0	0.8	97	20
	SS	2 3(5)	1.0	0.8	96	22
08	SS	2 3(5)	1.2	1.2	98	21
12	SS	2 4(6)	1.0	0.9	90	28
16	SS	3 4 4(8)	0.8	0.8	97	25
	SS	3 4 4(8)	0.7	0.7	91	28
20	SS	1 2 2(4)	0.6	0.4	89	30
	SS	1 2 1(3)	0.5	-	-	26
	SS	8 8 9(17)	2.5	2.2	111	15
24	SS	12 17 19(36)	4.5+	4.3	115	14

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 - %

WHITNEY & ASSOCIATES
PEORIA, ILLINOIS

BORING NO. B-01
 DATE 2-26-04

BORING LOG
 (CONTINUATION)

DATE 2-26-04

PROJECT Persifer Township Bridge; Sec #06-15106-01BR SHEET 2 OF 4
 LOCATION Knox County, Illinois W. & A. FILE NO. 3433

DEPTH IN FEET	SAMPLE TYPE	N	Qp	Qu	Dd	Mc
See Sheet 1 Of 4						
30	SS	12 31 27(54)	4.5+	5.1	117	12
	SS	14 20 26(46)	4.5+	4.7	117	11
Hard, Gray SHALE						
34	SS	97/12*	4.5+	-	-	10
38						
42	SS	103/4*	4.5+	-	-	7
46	SS	103/3*	4.5+	-	-	10
50	SS	93/4*	4.5+	-	-	9
BENCHMARK (100.0) - Spike In Power Pole At Station 9+15; Left of Centerline						
AUGER REFUSAL AT (-)52.8 FEET 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

Qp - CALIBRATED PENETROMETER READING - T.S.F.
 Qu - UNCONFINED COMPRESSIVE STRENGTH - T.S.F.
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Station 10+51.00, 6.0' Lt. (Boring Log) = Station 111+66.22, 72.74' Rt. (New Roadway Alignment)
 Top of Boring; (Log Elevation) 101.9 = (New Datum Elevation) +630.1

FILE NAME =	USER NAME =	DESIGNED - JGT	REVISED -	STATE OF ILLINOIS	BORING LOGS (SHEET 3 OF 4)	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED - MNM	REVISED -	DEPARTMENT OF TRANSPORTATION	STRUCTURE NO. 048-3387	TR 176	05-15106-01-BR	KNOX	97	63
		DRAWN - DAP	REVISED -		SHEET NO. 22 OF 23 SHEETS					
		CHECKED - JGT	REVISED -							
										CONTRACT NO. 89429
										ILLINOIS FED. AID PROJECT BROS 0095 127