



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

BORING NO. B-4
DATE 12-04-89
W. & A. FILE NO. 3358
SHEET 7 OF 8

BORING LOG

PROJECT SMITHVILLE ROAD BRIDGE-SEC. 89-00005-00-BR LOCATION Peoria County, Illinois
BORING LOCATION Station 218+80; 13' Right of Centerline DRILLED BY Fehl
BORING TYPE Hollow-Stem Auger WEATHER CONDITIONS Clear & Mild
SOIL CLASSIFICATION SYSTEM U.S.B.S.C. SEEPAGE WATER ENCOUNTERED AT ELEVATION None
GROUND SURFACE ELEVATION 677.8 GROUND WATER ELEVATION AT - HRS. -
BORING DISCONTINUED AT ELEVATION 648.6 GROUND WATER ELEVATION AT COMPLETION None

DESCRIPTION	DEPTH IN FEET	SAMPLE TYPE	N	Qp	Qu	Dd	Mc
STIFF TO VERY STIFF, BROWN SANDY CLAY							
	4	SS	2 ₂₃	1.2	1.2	112	19
		SS	2 ₃₅	2.5	2.5	118	20
STIFF, BROWN SILTY CLAY	8						
		SS	4 ₅₆	1.5	1.5	106	19
STIFF, DARK GRAY CLAY	12						
	16	SS	3 ₃₅	1.6	1.6	101	22
	20						
		SS	3 ₅₅	1.3	1.4	83	32
VERY STIFF, GRAY NEAR CLAY SHALE	24						
		SS	7 _{10,14}	2.0	2.0	112	20

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

BORING NO. B-4

BORING LOG
(CONTINUATION)

DATE 12-04-89

PROJECT SMITHVILLE ROAD BRIDGE-SEC. 89-00005-00-BR SHEET 8 OF 8
LOCATION Peoria County, Illinois W. & A. FILE NO. 3358

DESCRIPTION	DEPTH IN FEET	SAMPLE TYPE	N	Qp	Qu	Dd	Mc
HARD, LIGHT GRAY CLAY SHALE							
		SS	38 63	4.5+	-	-	10
EXPLORATORY BORING DISCONTINUED	30						
	34						
	38						
	42						
	46						
	50						
54							

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

DESIGNED	MGO
CHECKED	PJL
DRAWN	DMF
CHECKED	MGO

SOIL BORING LOGS
COUNTY HIGHWAY 052
SMITHVILLE ROAD
T-8-N, R-6-E, 4th. P.M. SECTION 21
PEORIA COUNTY

