



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

BORING LOG

BORING NO. B-2
 DATE 12-04-89
 W. & A. FILE NO. 3358
 SHEET 3 OF 8

PROJECT SMITHVILLE ROAD BRIDGE-SEC. 89-00005-00-BR LOCATION Peoria County, Illinois

BORING LOCATION Station 220+40, 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 673.8 GROUND WATER ELEVATION AT - HRS. -
 BORING DISCONTINUED AT ELEVATION 644.8 GROUND WATER ELEVATION AT COMPLETION None

DESCRIPTION	DEPTH IN FEET	SAMPLE TYPE	N	Qp	Qu	Dd	Mc
VERY STIFF, BROWN AND GRAY SILTY CLAY							
	4	SS	1 ₂ 2	3.2	3.2	121	18
STIFF, BROWN SANDY CLAY							
		SS	2 ₄ 6	1.7	1.7	131	18
STIFF, DARK GRAY SILT LOAM	8	SS	3 ₄ 6	1.9	1.8	109	23
STIFF TO VERY STIFF, DARK BROWN SILTY CLAY							
		SS	4 ₄ 6	1.8	1.6	110	22
	12						
		SS	4 ₉ 9	3.4	3.2	117	26
STIFF, GRAY AND ORANGE-BROWN SILTY CLAY	16	SS	3 ₅ 7	1.6	1.6	94	23
		SS	2 ₂ 5	0.4	0.4	89	32
	20						
		SS	2 ₃ 5	0.9	0.9	100	33
	24	SS	3 ₄ 7	0.7	0.7	102	26
SOFT TO MEDIUM, GRAY AND BROWN CLAY							
		SS	5 ₁₀ 11	2.9	2.8	119	20

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

DESIGNED MGO
 CHECKED P.J.L.
 DRAWN DMF
 CHECKED MGO

BORING NO. B-2 BORING LOG (CONTINUATION) DATE 12-04-89
 PROJECT SMITHVILLE ROAD BRIDGE-SEC. 89-00005-00-BR SHEET 4 OF 8
 LOCATION Peoria County, Illinois W. & A. FILE NO. 3358

DESCRIPTION	DEPTH IN FEET	SAMPLE TYPE	N	Qp	Qu	Dd	Mc
VERY STIFF, GRAY NEAR CLAY SHALE							
HARD, LIGHT GRAY CLAY SHALE		SS	94 130	4.5+	4.8	-	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

CLARK ENGINEERS MW, INC.
 3488 North Drive Lane
 Peoria, Illinois 61604

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