



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

**BORING LOG**

BORING NO. B-3  
DATE 12-04-89  
W. & A. FILE NO. 3358  
SHEET 5 OF 8

PROJECT SMITHVILLE ROAD BRIDGE-SEC. 89-00005-00-BR LOCATION Peoria County, Illinois  
BORING LOCATION Station 219+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 673.9 GROUND WATER ELEVATION AT - HRS. -  
BORING DISCONTINUED AT ELEVATION 646.7 GROUND WATER ELEVATION AT COMPLETION None

DESCRIPTION	DEPTH IN FEET	SAMPLE TYPE	N	Q <sub>p</sub>	Q <sub>u</sub>	D <sub>d</sub>	M <sub>c</sub>
VERY STIFF TO STIFF, BROWN SANDY CLAY WITH TRACE OF MEDIUM-GRAINED GRAVEL	-						
	4	SS	2 <sub>23</sub>	2.3	2.0	116	18
	-						
	-	SS	2 <sub>23</sub>	1.1	1.1	114	21
	8	SS	4 <sub>34</sub>	1.0	1.0	110	23
VERY STIFF, BROWN SANDY CLAY WITH TRACE OF MEDIUM-GRAINED GRAVEL	-						
	12	SS	2 <sub>32</sub>	2.7	2.6	118	22
VERY STIFF, DARK BROWN SILTY CLAY	-						
	-	SS	2 <sub>24</sub>	2.4	2.2	115	27
	16	SS	2 <sub>23</sub>	1.2	1.2	104	25
LOOSE, BROWN, MEDIUM- TO COARSE-GRAINED SAND WITH TRACE SILTY CLAY	-						
	20	SS	3 <sub>44</sub>	-	-	-	13
STIFF TO VERY STIFF, GRAY NEAR CLAY SHALE	-						
	-	SS	2 <sub>33</sub>	1.7	1.7	122	20
HARD, LIGHT GRAY CLAY SHALE	-						
	24	SS	5 <sub>813</sub>	4.3	3.9	128	17
	-						
	-	SS	5 <sub>911/5"</sub>	-	-	-	12

BORING NO. B-3

**BORING LOG**  
(CONTINUATION)

DATE 12-04-89

PROJECT SMITHVILLE ROAD BRIDGE-SEC. 89-00005-00-BR SHEET 6 OF 8  
LOCATION Peoria County, Illinois W. & A. FILE NO. 3358

DESCRIPTION	DEPTH IN FEET	SAMPLE TYPE	N	Q <sub>p</sub>	Q <sub>u</sub>	D <sub>d</sub>	M <sub>c</sub>
EXPLORATORY BORING DISCONTINUED	30						
	34						
	38						
	42						
	46						
	50						
	54						

DESIGNED MGO  
CHECKED PJL  
DRAWN DMF  
CHECKED MGO

**CLARK ENGINEERS MW, INC.**  
3425 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