

BRIDGE UTILITIES SERVICE COMPANY

SM 1 OF 2

SITE MILWAUKEE ST. CATH. UNIVERSITY, CHIL.

JO. NO. 12179

BORING NO. 331

TYPE OF BORING TESTS LOCATION 1.46E-37E, SPO

GROUND ELEV. 27.6

DATE DRILLED 11/7/72

LOGGED BY P. WILKIE

SUMMARY OF BORING

ELEV.	DEPTH FEET	OVERALL WEATHERING AND RQD 0 TO 100	SAMPLE RECOVER BLOWS	GRAPHIC LOG	SOIL OR ROCK DESCRIPTION	
					FIELD AND LABORATORY TEST RESULTS; ON JOINTING, SLIDING AND FAULTING; OR STRATIFICATION	SOIL STRATA DESCRIPTION, LITHOLOGY AND TEXTURE
9.0					TOP OF ROCK (OVERSEEN)	
6.8					50° JT., RUST STAIN AND LT. BROWN CLAY	GRAY BIOTITE GNEISS (MUSKOG GNEISS)
6.5		12	76		100° JT. SANDY CLAY	PINK GRANITE AT 29.0-29.5
					60° JT. SOME LT. BROWN CLAY	GREENISH GRAY BIOTITE GNEISS
1.8					BROWN ZONE, VERY HEAVILY WEATHERED ABUNDANT RUST STAIN, (SANDLIES) SOME LT. BROWN AND GRAY CLAY AT 36.0-36.0	
		41	93		BROWN ZONE, YELLOW AND RUST STAIN AT 36.0-38.3	PINK GRANITE AT 36.0-44.9
					2-300 JTS., RUST STAIN AND SOME WEATHERING	
					BROWN ZONE ABUNDANT RUST STAIN ON HIGH LEVEL SURFACES AT 43.1-43.3	
-4.4					BROWN ZONE, HEAVILY WEATHERED 3.7-4.3	PEMATITE 43.3-43.7 PEMATITE 44.5-44.9
-5.5		13	82		HRIZ. JT., RUST STAIN, PHOLITE	GRAY BIOTITE GNEISS FOLIATION ABOUT 45°
-5.9					20° CONTACT	PINK GRANITE AT 45.5-47.0
		31	95		30° JT., LT. BROWN YELLOW STAIN	
					JT. TYPICALLY STAINED	
		57	100		BROWN ZONE, HEAVILY WEATHERED, YELLOW STAIN ON HIGH AREA PACES AT 54.3-55.0	
					80° JT., YELLOWISH GREEN STAIN AND HEAVILY WEATHERED	
					75° JT., YELLOWISH GREEN STAIN AND SLICED SURFACES 90° DIP OF JT. AT 57.5	
					JT. TYPICALLY STAINED	
-19.8		80	99		FRAC. TYPICALLY CLEAN	
-22.1					30° FRAC., CLEAN (CONTACT)	PINK GRANITE AT 65.6-70.0

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APERTURE
CARD

1. FIGURES IN BLOW OR RECOVERY COLUMN OPPOSITE SOIL SAMPLE DENOTE THE NUMBER OF BLOWS OF A 140 LB HAMMER FALLING 30" REQUIRED TO DRIVE A 2" OD SAMPLE SPOON 12" OR THE DISTANCE SHOWN. FIGURES SHOWN OPPOSITE ROCK CORES DENOTE THE PERCENT OF CORE RECOVERED.

2. #2 INDICATES LOCATION OF UNDISTURBED SAMPLE. #6 INDICATES LOCATION OF SPLIT-SPOON SAMPLE. #7 INDICATES LOCATION OF SAMPLING ATTEMPT WITH NO RECOVERY.

3. SUBSCRIPT NEXT TO SYMBOL INDICATES SAMPLE NUMBER.

4. # INDICATES LOCATION OF NATURAL GROUND WATER TABLE.

5. RQD - ROCK QUALITY DESIGNATION. (PERCENT)

6. INDICATES DEPTH & LENGTH OF NX CORING RUN. DATUM IS M.S.L.

BORING LOG 331

MILWAUKEE PUBLIC POWER COMMISSION

UNIT 3

NORTHEAST UTILITIES SERVICE COMPANY

STORE & WEBSTER ENGINEERING CORPORATION

12179-CSE-32A

PDR RIDS

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