

NORTHEAST UTILITIES SERVICE COMPANY SH1 OF 1

SITE MILLSTONE NUCLEAR POWER STATION - UNIT 3 J.O. No. 12179 BORING No. P-4
TYPE OF BORING 4" ROD LOCATION 11046 11270 GROUND ELEV. 3.87
DATE DRILLED 5/13/75 DRILLED BY AMERICAN LOGGED BY GAK
SUMMARY OF BORING SS/NI CORE

ELEV.	DEPTH	FEET	TYPE	BLOWS OR RECOVER	OVERALL WEATHERING AND RQD	GRAPHIC LOG	SOIL OR ROCK DESCRIPTION	
							FIELD AND LABORATORY TEST RESULTS, SOIL STRATA DESCRIPTION, LITHOLOGY AND TEXTURE	DESCRIPTIONS

GROUND EL. AT 3.87'							SAND, UNIFORM, FINE, SOME MOTTLE, LIGHT BROWN. (SP)	
0			1 1-7-13				NO RECOVERY.	
			2 16-12-20				SAND, POORLY GRADED, COARSE TO FINE, 8-5% NONPLASTIC FINES, ORANGE BROWN. (SH-SI)	
10			3 30-60-50				TILL: SLUTY SAND, FRAGMENT OF CORREL AT BOTTOM OF SAMPLE, LIGHT BROWN, COARSE TO FINE SAND, 31% NONPLASTIC FINES. (SH)	
-10							SANDY SAND, FRAGMENTS OF CORREL, FINE SAND, 27% NONPLASTIC FINES, SOME MOTTLE. ORANGE BROWN. (SH)	
-10.5				50/6**			LIGHT GRAY GESS: CLOSE JOINTS, SLIGHTLY WEATHERED, HARD TO MEDIUM HARD, HEAVY TO COARSE GRAINED, VERY TILL, 40% FOLIATION. 14-8, 5, 8, SLIGHTLY OPEN, FRESH. 15.0, 10, 8, SLIGHTLY OPEN, FRESH. 15.8, 5, MODERATELY OPEN, SLIGHTLY WEATHERED, MODERATELY IRON STAINED. 16.6, 30, OPEN, SLIGHTLY WEATHERED, MODERATELY IRON STAINED. FROM 16.6 TO 16.7: 90, SLIGHTLY WEATHERED, MODERATELY IRON STAINED. 17.5, 5, OPEN, SLIGHTLY WEATHERED, MODERATELY IRON STAINED. 17.6, 5, SLIGHTLY OPEN, FRESH, SLIGHTLY IRON STAINED. 17.8, 10, OPEN, SLIGHTLY WEATHERED, SLIGHTLY IRON STAINED. 18.5, 5, OPEN, SLIGHTLY WEATHERED, SLIGHTLY IRON STAINED. MARKS ON JOINT. 19.1, 30, OPEN, SLIGHTLY WEATHERED, SLIGHTLY IRON STAINED.	
-15.6				30%	56%		END OF BORING AT 19.5'	

TI
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 6" OR THE DISTANCE SHOWN. * INDICATES USE OF 300 LB. HAMMER. 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. SUBSCRIPT NEXT TO SYMBOL INDICATES SAMPLE NUMBER.

3. ☒ INDICATES LOCATION OF NATURAL GROUND WATER TABLE.

4. RQD - ROCK QUALITY DESIGNATION.

5. ☒ INDICATES DEPTH, LENGTH, AND SIZE CORING RUN.

6. DATUM IS M.S.L.

BORING LOG

MILLSTONE NUCLEAR POWER STATION

UNIT 3

NORTHEAST UTILITIES SERVICE COMPANY

STONE & WEBSTER ENGINEERING CORPORATION

DRAWING
NO. 12179-GSK-56

PDR RIDS

8712100368

