



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION



MOANALLA ROAD
PUULOA I.C. TO MIDDLE ST. - UNIT:3A
F.A. Proj. No. TQ-F-078-1(18)

SCALE: AS SHOWN DATE: NOV. 15 1978

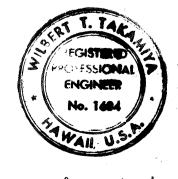
SHEET NO. | OF 3 SHEETS

S WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

HAW. TQ-F-078-1(18) 1978 4 266 BORING S-5 BORING 5-4 BORING B-1 DEPTH DEPTH DEPTH IN FEET IN FEET IN FEET DESCRIPTION SURFACE ELEV, + 2.4 DESCRIPTION SURFACE ELEV. +30.3 DESCRIPTION SURFACE ELEV. + 11.3 RIVER WASH (SOFT CLAYEY SILT AND LODGE SAND, GRAVEL AND STONES) FIRM BROWN SILTY CLAY WITH SOME GRAVEL AND SMALL COBBLE (FILL) FIRM BROWN SILTY CLAY WITH TRACES OF GRAVEL SOFT MUCK AND FINE SAND PISTON 100% REC. SHELBY 2 BLOWS/FOOT SPLIT SPOON. HIT SMALL BOULDER PISTON 100% REC. 20 SOFT MUCK AND FINE SAND WITH SOME CEMENTED SAND AND TRACES OF CORAL FIRM BROWN SILTY CLAY WITH SOME GRAVEL (FILL) STIFF BROWN SILTY CLAY WITH TRACES OF GRAVEL (-)10 FIRM BROWN SILTY CLAY (FILL) HIT SMALL BOULDER SHELBY 6 BLOWS/1.1 FOOT SPLIT SPOON 100% REC. 5/.5 - 1.5-8/.5 BLOWS/FT. FIRM BROWN SILTY CLAY AND SANDY MUCK WITH TRACES OF GRAVEL STIFF BROWN SILTY CLAY PISTON 100% REC. (-)10 (-)20 SPLIT SPOON 1/8-2/2-8/5 BLOWS/FOOT 100% REC. PISTON 100% REC. SOFT BLACK MUCK AND SOME GRAVEL SPLIT SPOON 100% REC. 5/5-1/5-15/5 BLOWS/FOOT PISTON 50% REC. SPLIT SPOON 13.3% REC. 1.5-2/.5-2/.5 BLOWS/FOOT SOFT MUCK AND FINE SAND WITH TRACES OF SHELLS (-)30· SHELBY 4 BLOWS/1.2 FOOT (-)20VERY SOFT BLACK MUCK WITH SOME SAND AND GRAVEL PISTON 0% REC. LOOSE SAND AND GRAVEL WITH SOME MUCK SOFT MUCK AND FINE SAND WITH SOME CEMENTED SAND, GRAVEL AND TRACES SPLIT SPOON 100% REC. 1.5-1.5-2.5 BLOWS/FOOT PISTON 70% REC. OF SHELLS (-)10 FIRM MUCK WITH TRACES OF SHELL PISTON 75% REC. (-)30 SPLIT SPOON 73.3% REC. 5/5-6/5-1/5 BLOWS/FOOT (-)40 SPLIT SPOON 0% REC. 18-17 BLOWS/FOOT VERY SOFT BLACK MUCK WITH SOME SAND AND FINE GRAVEL LOOSE SAND AND GRAVEL VERY SOFT MUCK (-)20 SHELBY 4 BLOWS/0,9 FOOT PISTON 55% REC. PISTON 65% REC. (-)40 SPLIT SPOON 100% REC. 2/5-2/5-2/5 BLOWS/FOOT SPLIT SPOON 100% REC. 15-2/5-15 BLOWS/FOOT SOFT MUCK WITH SOME CEMENTED SAND, GRAVEL AND TRACE OF SHELLS VERY SOFT MUCK WITH TRACES OF SHELLS VERY SOFT MUCK WITH TRACES OF SHELLS (-)30 - ARTESIAN CONDITION (-)50 (-)60+ STONE OR BOULDERS Nx 2% REC. PISTON 70% REC. PISTON 50% REC. STIFF MUCK AND SAND WITH TRACES OF GRAVEL, SHELLS AND STONES OR BOULDERS SPLIT SPOON 100 % REC. 1.5-1.5 BLOWS/FOOT SPLIT SPOON 100% REC. 1.5-1.5-2.5 BLOWS/FOOT (-)40 SPLIT SPOON 37 BLOWS/FOOT VERY SOFT MUCK WITH TRACES OF SHELLS AND SAND (-)60PISTON 0% REC. VERY SOFT MUCK WITH TRACES OF SHELLS AND SAND STIFF MUCK AND SAND WITH TRACES OF GRAVEL AND SHELLS SMALL COBBLES LODGE IN FRONT OF SAMPLER PISTON 0% REC. SPLIT SPOON 100% REC. 1/5-2/5-2/5 BLOWS/FOOT SPLIT SPOON 100% REC. (-)50STIFF BROWN AND GRAY CLAY (-)70 (-)80+ SOFT BLACK SANDY MUCK WITH TRACES OF SHELLS VERY SOFT MUCK WITH TRACES OF SHELLS SHELBY 32 BLOWS/FOOT SOFT BLACK MUCK WITH TRACES OF SHELLS FIRM GRAY CLAY WITH TRACES OF SHELLS PISTON 75% REC. (-)60 SOFT MUCK WITH TRACES OF SHELLS STIFF BROWN AND GRAY CLAY AND HIGHLY WEATHERED ROCK (-)80 STIFF GRAY CLAY WITH TRACES OF SHELLS STIFF GRAY CLAY WITH TRACES OF SHELLS SPLIT SPOON 100% REC. 9/5-19/5-13/5 BLOWS/FEET PISTON 90% REC. 5.5-9.5-12.5 BLOWS/FOOT STIFF GRAY CLAY WITH TRACES OF SHELLS AND SOME GRAVEL HIGHLY WEATHERED ROCK (-)90 SPLIT SPOON 100% REC. 37/5-5/1-1% BLOWS/FEET STIFF BROWN SILTY CLAY VERY COMPACT SAND AND GRAVEL, LITTLE GRAY CLAY DENISON 95% REC. SMALL BOULDER (-)80 SPLIT SPOON 100% REC. 6/5-9/5-14/5 BLOWS/FOOT STIFF BROWN SILTY CLAY (-)100DENISON 0% REC. SPLIT SPOON 7/5-12/5-21/5 BLOWS/FOOT STIFF BROWN SILTY CLAY WITH A LITTLE LAYER OF GRAY CLAY (-)90 DENISON 95% REC. VERY STIFF BROWN SILTY CLAY DENISON 75% REC. (-)110 - SPLIT SPOON 100% REC. 19.5-15.5-29.5 BLOWS/FOOT STIFF BROWN SILTY CLAY SPLIT SPOON 100% REC. 7.5-9/5-12/5 BLOWS/FOOT

(-)100 -





Wilbert Z. Takamiya THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION. STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

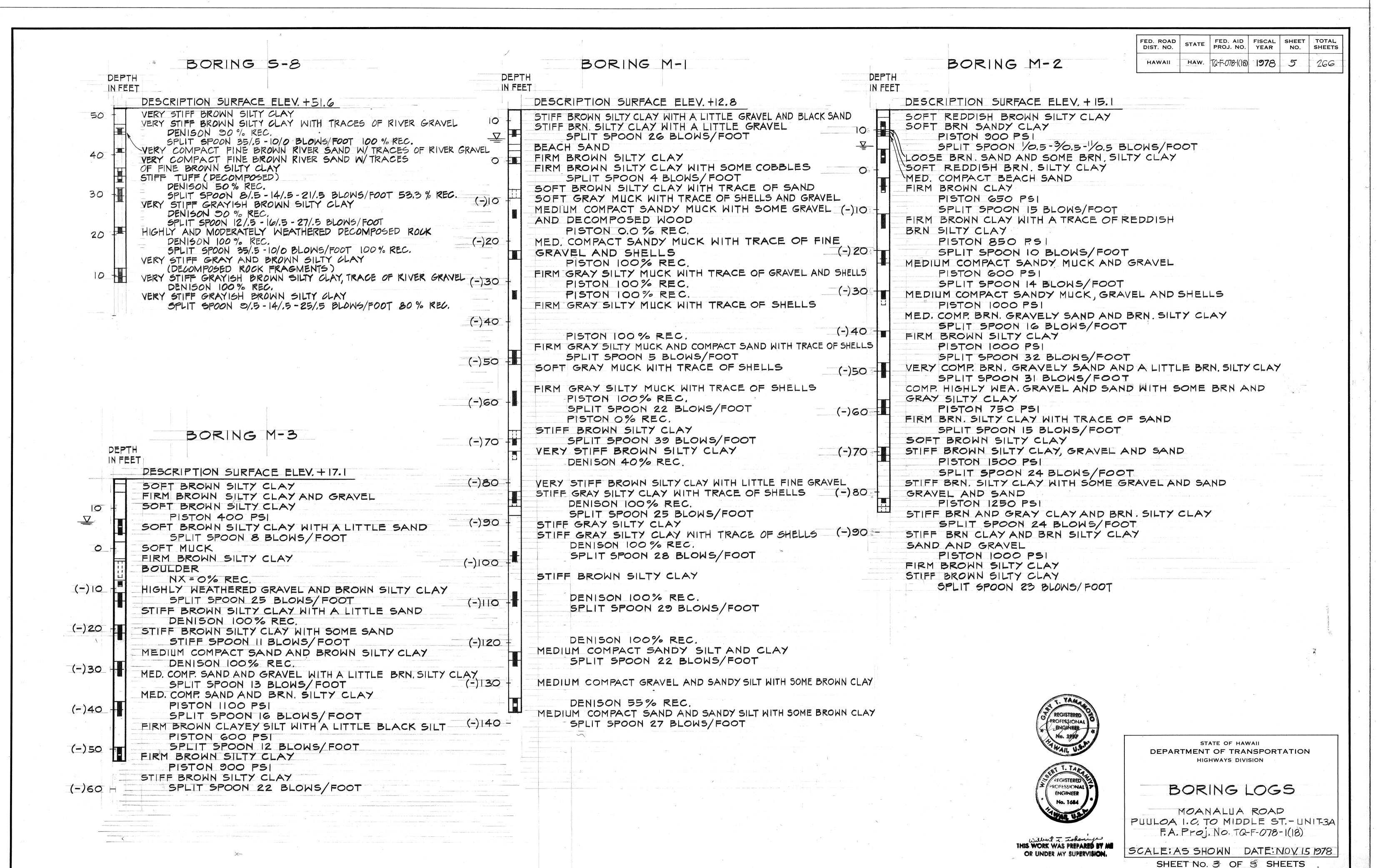
HIGHWAYS DIVISION

BORING LOGS

MOANALUA ROAD
PUULOA I.C. TO MIDDLE ST. - UNIT-3A
F.A. Proj. No. TQ-F-078-1(18)

SHEET NO. 2 OF 3 SHEETS

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