Dc54.32 BORING 2-1 BORING 2-2 DEPTH SUMFACE ELEVATION 21.5 (1) FEET SURFACE ELEVATION 20 (±) FEET IN FEET LOCATION: STATION 0+050 LOCATION: STATION 0+300 O COUNT O COUNT DESCRIPTIONS SYMBOLS DESCRIPTIONS SYMBOLS DARK BROWN GRAY MOTTLED SILTY CLAY, LITTLE ROOTS (MEDIUM STIFF) GRAY TO BROWN SILT, LITTLE CLAY, TRACE ROOTS (MEDIUM STIFF) 5 ML sм GRADING DARK GRAY, MICACEOUS, WITH OIL ODOR (SOFT) 2 OARK GRAY SILT, TRACE TO LITTLE CLAY TRACE FINE HICACEOUS SAND, WITH OIL OOOR (SOFT) p# ML сīц CL MH GRADING TRACE SAND, TRACE ROOT 1 DARK GRAY SILTY FINE TO MEDIUM SAND, TRACE COARSE SAND, TRACE CLAY SM GRAY, BROWN MOTTLED CLAYEY SILT, LAYERS OR POCKETS FINE TO MEDIUM SILTY SAND, MICACEOUS, TRACE GRAVEL (SOFT TO HEDIUM SILEY) GRADING OUT ROOTS 2 ML LIGHT BROWN, GRAY SILTY FINE SAND, MICACEOUS (LODSE) SM 20 2 SM ML GRADING DARK GRAY, SILTY, AND FINE SAMO, TRACE CLAY DARK GRAY MICACEOUS SILT, TRACE TO LITTLE CLAY, TRACE FINE SARD (SOFT) WOH DARK GRAY SILT, LITTLE TO SOME CLAY (SOFT) ML CL GRADING TO SILTY CLAY (MEDIUM STIFF) 30 30 CL DARK GRAY TO BLACK PEAT WITH VEGETATION FIBERS (SOFT) **35** мL PT 2 [] GRADING TRACE BLACK DECAYED VEGETATION (SOFT) DARK GRAY SILTY CLAY (HEDIUM STIFF) 40 CL LIGHT BROWN, GRAY SILT, SOME FINE SAND (STIFF) 45 ML DARK BROWN BLACK PEAT WITH DECAYED VEGETATION (SOFT TO HEDIUM STIFF) PT 25 BORING COMPLETED AT A DEPTH OF 46.5 FT ON 9/19/78 NO FT OF 4 INCH CASING USED 15 FT OF 12 INCH PUC PIPE INSTALLED WATER LEVEL RECORDED AT DEPTH OF 3.20 FT ON 9/22/78 BORING COMPLETED AT A DEPTH OF 46.5 FT ON 9/20/78 40 FT OF & INCH CASING USED 15 FT OF 15 INCH PVC PIPE INSTALLED WATER LEYEL RECORDED AT DEPTH OF 50 50

LOG OF BORINGS

(1) THE FIGURES IN THE COLUMN LADELED "BLOW COUNT" REFER TO THE NUMBER OF BLOWS REQUIRED TO DRIVE THE DAMES & HOORE SOIL SAMPLER A DISTANCE OF OME FOOT USING A 300 POUND HAWMER FALLING 24 INCHES.

THE DAMES & MOORE SAMPLER IS 35" O.D. AND APPROXIMATELY 23" 1.0. THE STANDARD SPLIT-SPOON SAMPLER IS 2" O.D. AND 1-3/0" I.D. THE SMELBY TUBE THIM-WALL SAMPLER IS APPROXIMATELY 3" O.D. AND 2-7/0" I.D.

THE LETTER "P" IN THE "BLOW COUNT" COLUMN INDICATES THAT THE SAMPLER WAS ADVANCED BY COMPRESSED AIR WITHOUT DRIVING.

THE LETTERS "WOR" IN THE "BLOU COUNT" COLUMN INDICATE THAT THE SAMPLER WAS ADVANCED BY THE WEIGHT OF THE DRILL ROD AND DRIVE WEIGHT WITHOUT DRIVING.

(2) ELEVATIONS REFER TO USC & GS HEAR SEA LEVEL DATUM.

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- THE DISCUSSION IN THE TEXT OF THE REPORT IS NECESSARY FOR A PROFER UNDERSTANDING OF THE NATURE OF THE SUBSURFACE NATERIALS.
- (4) SORING LOCATIONS REFER TO THE APPROXIMATE STATION ALONG THE CENTER LINE OF THE PROPOSED DIKE (SEE PLATE 2, PLOT PLAN).

KEY TO SAMPLE SYMBOLS:

2.48 FT OH 9/22/78

- DAMES & HOORE SAMPLE
- SHELBY TUBE THIN-WALL SAMPLE
- DISTURSED BUCK SAMPLE
- STANDARD SPLIT-SPOON SAMPLE
- SAMPLING ATTEMPT WITH NO RECOVERY

DAMES & MOORE