

LITHOLOGIC WELL LOG PRINTOUT

SOURCE - FGS

WELL NUMBER: W-17460
TOTAL DEPTH: 5.6 FT.
10 SAMPLES FROM 0 TO 5.6 FT.

COUNTY - BREVARD
LOCATION: T.26S R.37E S.26 DB
LAT = 28D 11M 17S
LON = 80D 35M 35S
ELEVATION: 1 FT

COMPLETION DATE: 07/16/96
OTHER TYPES OF LOGS AVAILABLE - NONE

OWNER/DRILLER: FLORIDA GEOLOGICAL SURVEY-H. FREEDENBERS, B. HIGHLEY, AND
C. TRIMBLE

WORKED BY: PUSH CORES, DESCRIBED BY C. TRIMBLE: 9/24/96

- 0.0 - 4.3 090UDSS UNDIFFERENTIATED SAND, CLAY, AND SHELLS
4.3 - 5.6 112ANSS ANASTASIA FM.
- 0 - 1 SAND; YELLOWISH GRAY
33% POROSITY: INTERGRANULAR, POSSIBLY HIGH PERMEABILITY
GRAIN SIZE: MEDIUM; RANGE: VERY FINE TO VERY COARSE
ROUNDNESS: ANGULAR TO SUB-ROUNDED; MEDIUM SPHERICITY
UNCONSOLIDATED
SEDIMENTARY STRUCTURES: INTERBEDDED
ACCESSORY MINERALS: SHELL-40%, LIMESTONE-01%
OTHER FEATURES: UNWASHED SAMPLE
FOSSILS: FOSSIL FRAGMENTS, MOLLUSKS, ECHINOID, CORAL
30 - 50% VERY FINE SAND TO GRAVEL SIZE, ANGULAR TO
SUBROUNDED, INTERBEDDED WITH FINER TERRIGENOUS SANDS, SOME
ALGAL BORINGS <1% HEAVY MINERALS.
- 1 - 2 SAND; PINKISH GRAY TO YELLOWISH GRAY
35% POROSITY: INTERGRANULAR, POSSIBLY HIGH PERMEABILITY
GRAIN SIZE: MEDIUM; RANGE: VERY FINE TO GRANULE
ROUNDNESS: ANGULAR TO SUB-ROUNDED; MEDIUM SPHERICITY
UNCONSOLIDATED
SEDIMENTARY STRUCTURES: INTERBEDDED
ACCESSORY MINERALS: SHELL-20%, LIMESTONE-01%
OTHER FEATURES: UNWASHED SAMPLE
FOSSILS: FOSSIL FRAGMENTS, BENTHIC FORAMINIFERA, CORAL
MOLLUSKS
VERY FINE TO VERY COARSE, TERRIGENOUS SANDS (ABOUT 10%
SHELL HASH) INTERBEDDED WITH UP TO 50%, VERY FINE TO GRANULE
SIZE SHELL INCLUDING SOME WHOLE VALVES, SOME ROUNDED
PEBBLES OF PARTIALLY INDURATED, SPAR CEMENTED GRAINS (BOTH
QUARTZ SHELL).
- 2 - 3 SAND; YELLOWISH GRAY TO PINKISH GRAY
33% POROSITY: INTERGRANULAR, POSSIBLY HIGH PERMEABILITY
GRAIN SIZE: FINE; RANGE: VERY FINE TO COARSE
ROUNDNESS: ANGULAR TO SUB-ROUNDED; MEDIUM SPHERICITY
UNCONSOLIDATED
SEDIMENTARY STRUCTURES: INTERBEDDED
ACCESSORY MINERALS: HEAVY MINERALS-02%, SHELL-10%
LIMESTONE-01%
OTHER FEATURES: UNWASHED SAMPLE
FOSSILS: FOSSIL FRAGMENTS, MOLLUSKS, MILIOLIDS
8-10% VERY FINE SAND TO GRANULE SIZE, ANGULAR TO SUBROUNDED

SHELL DEBRIS, <1% MICA, ABOUT 1% VERY COARSE GRAINED TO GRANULE SIZE FRAGMENTS OF INDURATED LIMESTONE.

- 3 - 4 SAND; YELLOWISH GRAY TO GRAYISH ORANGE
25% POROSITY: INTERGRANULAR
GRAIN SIZE: MEDIUM; RANGE: VERY FINE TO GRANULE
ROUNDNESS: ANGULAR TO SUB-ROUNDED; MEDIUM SPHERICITY
UNCONSOLIDATED
SEDIMENTARY STRUCTURES: INTERBEDDED
ACCESSORY MINERALS: SHELL-30%, HEAVY MINERALS-02%
LIMESTONE-10%
OTHER FEATURES: UNWASHED SAMPLE
FOSSILS: FOSSIL FRAGMENTS, MOLLUSKS, MILIOLIDS, CORAL
ECHINOID
ABOUT 10% LIMESTONE WELL CEMENTED BY LIME MUD, 50% CLAY TO
GRANULE SIZE SHELL HASH, LIMESTONE IS YELLOW BROWN.
- 4 - 5 SANDSTONE; VERY LIGHT ORANGE TO GRAYISH ORANGE
15% POROSITY: INTERGRANULAR, INTERCRYSTALLINE
GRAIN SIZE: MEDIUM; RANGE: VERY FINE TO COARSE
ROUNDNESS: ANGULAR TO SUB-ANGULAR; MEDIUM SPHERICITY
GOOD INDURATION
CEMENT TYPE(S): CALCILUTITE MATRIX, SPARRY CALCITE CEMENT
ACCESSORY MINERALS: QUARTZ SAND-40%, SHELL-40%
OTHER FEATURES: UNWASHED SAMPLE
FOSSILS: FOSSIL FRAGMENTS, MOLLUSKS
PROBABLY ANASTASIA FORMATION, SAND, QUARTZ AND SHELL
ALLOCHEMS, WELL CEMENTED WITH SPAR AND/OR MUD, MOST SHELL
FRAGMENTS, ERODED.

5.6 TOTAL DEPTH