

LITHOLOGIC WELL LOG PRINTOUT

SOURCE - FGS

WELL NUMBER: W-17466
TOTAL DEPTH: 7 FT.
11 SAMPLES FROM 0 TO 7 FT.

COUNTY - BREVARD
LOCATION: T.30S R.39E S.20 AB
LAT = 27D 15M 56S
LON = 80D 27M 03S

COMPLETION DATE: 07/17/96
OTHER TYPES OF LOGS AVAILABLE - NONE

ELEVATION: 1 FT

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

WORKED BY:PUSH CORES
DESCRIBED BY TRIMBLE: 10/24/96

0. - 7.0 090UDSS UNDIFFERENTIATED SAND, CLAY, AND SHELLS
- 0 - 1 SAND; VERY LIGHT ORANGE TO MODERATE YELLOWISH BROWN
33% POROSITY: INTERGRANULAR, POSSIBLY HIGH PERMEABILITY
GRAIN SIZE: MEDIUM; RANGE: FINE TO COARSE
ROUNDNESS: ANGULAR TO SUB-ROUNDED; MEDIUM SPHERICITY
UNCONSOLIDATED
SEDIMENTARY STRUCTURES: INTERBEDDED
ACCESSORY MINERALS: SHELL-20%, HEAVY MINERALS-02%
OTHER FEATURES: UNWASHED SAMPLE
FOSSILS: FOSSIL FRAGMENTS, MOLLUSKS
20% MIXED SHELL AND TERRIGENOUS SANDS; MOSTLY MOLLUSK
FRAGMENTS, SUBROUNDED TO ROUNDED, AND VERY FINE TO VERY
COARSE SAND SIZE; ABOUT 1-2% LIME MUD.
- 1 - 2 SAND; VERY LIGHT ORANGE TO MODERATE YELLOWISH BROWN
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-30%, HEAVY MINERALS-04%
OTHER FEATURES: UNWASHED SAMPLE
FOSSILS: FOSSIL FRAGMENTS, MOLLUSKS, CORAL
ONE FRAGMENT OF A SHARK TOOTH, MOSTLY MOLLUSCAN SHELL
DEBRIS AS ABOVE, INTERBEDDED WITH TERRIGENOUS SANDS
COARSER BANDS ARE (SHELL RICH BANDS) HIGHER IN HEAVY
MINERAL CONTENT.
- 2 - 3 SAND; VERY LIGHT ORANGE TO MODERATE YELLOWISH BROWN
33% POROSITY: INTERGRANULAR, POSSIBLY HIGH PERMEABILITY
GRAIN SIZE: COARSE; RANGE: VERY FINE TO VERY COARSE
ROUNDNESS: ANGULAR TO SUB-ROUNDED; MEDIUM SPHERICITY
UNCONSOLIDATED
SEDIMENTARY STRUCTURES: INTERBEDDED
ACCESSORY MINERALS: SHELL-20%, HEAVY MINERALS-02%
OTHER FEATURES: UNWASHED SAMPLE
FOSSILS: FOSSIL FRAGMENTS, MOLLUSKS, CORAL
AS ABOVE, ABOUT 2% LIME MUD AND TERRIGENOUS SILT.
- 3 - 4 SAND; VERY LIGHT ORANGE TO MODERATE YELLOWISH BROWN
33% POROSITY: INTERGRANULAR, POSSIBLY HIGH PERMEABILITY

GRAIN SIZE: COARSE; RANGE: FINE TO VERY COARSE
ROUNDNESS: ANGULAR TO SUB-ROUNDED; MEDIUM SPHERICITY
UNCONSOLIDATED
SEDIMENTARY STRUCTURES: INTERBEDDED
ACCESSORY MINERALS: SHELL-30%, HEAVY MINERALS-01%
OTHER FEATURES: UNWASHED SAMPLE
FOSSILS: FOSSIL FRAGMENTS, MOLLUSKS
SHELL HASH, MOSTLY ERODED AND ROUNDED, A FEW WHOLE OR
NEARLY WHOLE LARGE MOLLUSK VALVES. ABOUT 2% CARBONATE MUD
AND TERRIGENOUS SILT.

- 4 - 5 SAND; VERY LIGHT ORANGE TO MODERATE YELLOWISH BROWN
35% POROSITY: INTERGRANULAR, POSSIBLY HIGH PERMEABILITY
GRAIN SIZE: COARSE; RANGE: VERY FINE TO VERY COARSE
ROUNDNESS: ANGULAR TO SUB-ROUNDED; MEDIUM SPHERICITY
UNCONSOLIDATED
SEDIMENTARY STRUCTURES: INTERBEDDED
ACCESSORY MINERALS: SHELL-25%
OTHER FEATURES: UNWASHED SAMPLE
FOSSILS: FOSSIL FRAGMENTS, MOLLUSKS, CORAL
20% FINE SAND TO GRANULE SIZE SHELL HASH, SOME LARGE
VALVES, <1% HEAVY MINERALS, INTERBEDDED SHELL DEBRIS AND
TERRIGENOUS SAND RICH SEDIMENTS
- 5 - 6 SAND; VERY LIGHT ORANGE TO MODERATE YELLOWISH BROWN
33% POROSITY: INTERGRANULAR, POSSIBLY HIGH PERMEABILITY
GRAIN SIZE: MEDIUM; RANGE: VERY FINE TO VERY COARSE
ROUNDNESS: ANGULAR TO SUB-ROUNDED; MEDIUM SPHERICITY
UNCONSOLIDATED
CEMENT TYPE(S): CALCILUTITE MATRIX
SEDIMENTARY STRUCTURES: INTERBEDDED
ACCESSORY MINERALS: SHELL-50%
OTHER FEATURES: UNWASHED SAMPLE
FOSSILS: FOSSIL FRAGMENTS, MOLLUSKS, CORAL
AS ABOVE.
- 6 - 7 SAND; VERY LIGHT ORANGE TO MODERATE YELLOWISH BROWN
33% POROSITY: POSSIBLY HIGH PERMEABILITY, INTERGRANULAR
GRAIN SIZE: MEDIUM; RANGE: VERY FINE TO COARSE
ROUNDNESS: ANGULAR TO SUB-ROUNDED; MEDIUM SPHERICITY
UNCONSOLIDATED
SEDIMENTARY STRUCTURES: INTERBEDDED
ACCESSORY MINERALS: SHELL-40%
OTHER FEATURES: UNWASHED SAMPLE
FOSSILS: FOSSIL FRAGMENTS, MOLLUSKS
AS ABOVE
- 7 TOTAL DEPTH