

LITHOLOGIC WELL LOG PRINTOUT

SOURCE - FGS

WELL NUMBER: W-17464
TOTAL DEPTH: 6.6 FT.
9 SAMPLES FROM 0 TO 6.6 FT.

COUNTY - BREVARD
LOCATION: T.29S R.38E S.03 BC
LAT = 27D 59M 17S
LON = 80D 31M 06S
ELEVATION: 3 FT

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

OWNER/DRILLER: FLORIDA GEOLOGICAL SURVEY-H. FREEDENBERG, B. HIGHLEY, AND
4C. TRIMBLE

WORKED BY: PUSH CORES; DESCRIBED BY C. TRIMBLE, 10/11/96

0. - 6.6 090UDSS UNDIFFERENTIATED SAND, CLAY, AND SHELLS
- 0 - 1 SAND; VERY LIGHT ORANGE TO 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-10%, LIMESTONE-03%
HEAVY MINERALS-01%
OTHER FEATURES: UNWASHED SAMPLE
FOSSILS: FOSSIL FRAGMENTS, MOLLUSKS, MILIOLIDS, CORAL
10% SILT TO GRANULE SIZED, SUBANGULAR TO ROUNDED SHELL
HASH SOME OF THE LARGER SHELL FRAGMENTS SHOW ALGAL BORINGS.
INTERBEDDED TERRIGENOUS SAND DOMINATED AND SHELL DOMINATED
SEDIMENTS.
- 1 - 2 SAND; VERY LIGHT ORANGE TO YELLOWISH GRAY
34% 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%, LIMESTONE-02%
HEAVY MINERALS-01%
OTHER FEATURES: UNWASHED SAMPLE
FOSSILS: FOSSIL FRAGMENTS, MOLLUSKS, CORAL
INTERBEDDED AS ABOVE, 10-40% SHELL DEBRIS: SILT TO GRANULE
SIZED, SUBANGULAR TO ROUNDED, HEAVY MINERALS DECREASE IN
SHELL RICH LAYERS.
- 2 - 3 SAND; VERY LIGHT ORANGE TO LIGHT OLIVE GRAY
35% 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-20%, LIMESTONE-03%
HEAVY MINERALS-01%
OTHER FEATURES: UNWASHED SAMPLE
FOSSILS: FOSSIL FRAGMENTS, CORAL, MOLLUSKS
10-35% SHELL DEBRIS AS ABOVE.

- 3 - 4 SAND; VERY LIGHT ORANGE TO 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-10%, LIMESTONE-01%
OTHER FEATURES: UNWASHED SAMPLE
FOSSILS: FOSSIL FRAGMENTS, MOLLUSKS, CORAL
10% SILT TO GRANULE SIZE SHELL DEBRIS, A FEW GRAVEL SIZED
FRAGMENTS, HEAVY MINERALS <1%
- 4 - 5 SAND; VERY LIGHT ORANGE TO YELLOWISH GRAY
22% POROSITY: INTERGRANULAR, POSSIBLY HIGH PERMEABILITY
GRAIN SIZE: MEDIUM; RANGE: VERY FINE TO COARSE
ROUNDNESS: ANGULAR TO SUB-ROUNDED; MEDIUM SPHERICITY
UNCONSOLIDATED
SEDIMENTARY STRUCTURES: INTERBEDDED
ACCESSORY MINERALS: SHELL-08%, HEAVY MINERALS-01%
LIMESTONE-02%
OTHER FEATURES: UNWASHED SAMPLE
FOSSILS: FOSSIL FRAGMENTS, MOLLUSKS, CORAL
AS ABOVE
- 5 - 6 SAND; VERY LIGHT ORANGE TO YELLOWISH GRAY
35% POROSITY: INTERGRANULAR, POSSIBLY HIGH PERMEABILITY
GRAIN SIZE: FINE; RANGE: VERY FINE TO COARSE
ROUNDNESS: ANGULAR TO SUB-ROUNDED; MEDIUM SPHERICITY
UNCONSOLIDATED
CEMENT TYPE(S): IRON CEMENT
SEDIMENTARY STRUCTURES: INTERBEDDED
ACCESSORY MINERALS: SHELL-65%, LIMESTONE-04%
OTHER FEATURES: UNWASHED SAMPLE
FOSSILS: FOSSIL FRAGMENTS, MOLLUSKS, CORAL
A FEW CORAL FRAGMENTS OF GRAVEL TO GRANULE SIZE, 65% SHELL
DEBRIS AS ABOVE.
- 6 - 7 SAND; VERY LIGHT ORANGE TO YELLOWISH GRAY
33% POROSITY: INTERGRANULAR, POSSIBLY HIGH PERMEABILITY
GRAIN SIZE: MEDIUM; RANGE: VERY FINE TO COARSE
ROUNDNESS: ANGULAR TO SUB-ROUNDED; MEDIUM SPHERICITY
UNCONSOLIDATED
SEDIMENTARY STRUCTURES: INTERBEDDED
ACCESSORY MINERALS: SHELL-15%, HEAVY MINERALS-02%
LIMESTONE-01%
OTHER FEATURES: UNWASHED SAMPLE
FOSSILS: FOSSIL FRAGMENTS, MOLLUSKS, CORAL
BENTHIC FORAMINIFERA
AS ABOVE.

6.6 TOTAL DEPTH