

LITHOLOGIC WELL LOG PRINTOUT

SOURCE - FGS

WELL NUMBER: W-17151
TOTAL DEPTH: 9.0 FT.
SAMPLES - NONE

COUNTY - BREVARDJ
LOCATION: T.22S R.37E S.13
LAT = 28D 34M 29S
LON = 80D 34M 18S
ELEVATION: 3 FT

COMPLETION DATE: 11/28/94
OTHER TYPES OF LOGS AVAILABLE - OTHER

OWNER/DRILLER:FLORIDA GEOLOGICAL SURVEY
HENRY FREEDENBERG, DRILLER.

WORKED BY:___HENRY FREEDENBERG (11/29/94), B3 CORE INTERVALS IN FEET
BREVARD COUNTY, NEAR LAUNCH PAD 41.
UTM PLANAR, ZONE 17 X=541890.6, Y=3160756.8
FLORIDA EAST ZONE IN FEET, POLYCONIC PLANAR X=637489; PLANAR Y=1541885
WELL IS LOCATED IN THE FALSE CAPE 7.5 MINUTE QUADRANGLE.

0. - 9.0 090UDSC UNDIFFERENTIATED SAND AND CLAY
- 0 - 1 SAND; VERY LIGHT ORANGE TO GRAYISH BROWN
30% POROSITY: INTERGRANULAR, POSSIBLY HIGH PERMEABILITY
GRAIN SIZE: MEDIUM; RANGE: FINE TO COARSE
ROUNDNESS: ANGULAR TO SUB-ROUNDED; MEDIUM SPHERICITY
UNCONSOLIDATED
ACCESSORY MINERALS: HEAVY MINERALS-02%, FELDSPAR-20%
OTHER FEATURES: UNWASHED SAMPLE
FOSSILS: FOSSIL FRAGMENTS
20% ANGULAR SHELL FRAGMENTS.
- 1 - 2 SAND; VERY LIGHT ORANGE TO GRAYISH BROWN
30% POROSITY: INTERGRANULAR, POSSIBLY HIGH PERMEABILITY
GRAIN SIZE: MEDIUM; RANGE: FINE TO COARSE
ROUNDNESS: ANGULAR TO SUB-ROUNDED; MEDIUM SPHERICITY
UNCONSOLIDATED
ACCESSORY MINERALS: HEAVY MINERALS-15%
OTHER FEATURES: UNWASHED SAMPLE
FOSSILS: FOSSIL FRAGMENTS
FINER-GRAINED SHELL DEBRIS THAN ABOVE, MORE HEAVIES
- 2 - 2.6 SAND; VERY LIGHT ORANGE TO GRAYISH BROWN
30% POROSITY: INTERGRANULAR, POSSIBLY HIGH PERMEABILITY
GRAIN SIZE: FINE; RANGE: FINE TO MEDIUM
ROUNDNESS: SUB-ANGULAR TO ANGULAR; MEDIUM SPHERICITY
UNCONSOLIDATED
ACCESSORY MINERALS: HEAVY MINERALS-02%
FOSSILS: FOSSIL FRAGMENTS
MUCH FINER-GRAINED SHELL DEBRIS THAN ABOVE.
- 2.6 - 4 SAND; VERY LIGHT ORANGE TO GRAYISH BROWN
30% POROSITY: INTERGRANULAR, POSSIBLY HIGH PERMEABILITY
GRAIN SIZE: FINE; RANGE: FINE TO COARSE
ROUNDNESS: SUB-ANGULAR TO ANGULAR; MEDIUM SPHERICITY
UNCONSOLIDATED
ACCESSORY MINERALS: HEAVY MINERALS-05%
FOSSILS: FOSSIL FRAGMENTS
ABUNDANT SHELL DEBRIS, SOME HEAVY MINERALS.

- 4 - 4.6 SAND; VERY LIGHT ORANGE TO GRAYISH BROWN
30% POROSITY: INTERGRANULAR, POSSIBLY HIGH PERMEABILITY
GRAIN SIZE: FINE; RANGE: FINE TO COARSE
ROUNDNESS: SUB-ANGULAR TO ANGULAR; MEDIUM SPHERICITY
UNCONSOLIDATED
ACCESSORY MINERALS: HEAVY MINERALS-05%, FELDSPAR-15%
FOSSILS: FOSSIL FRAGMENTS
15% SHELL DEBRIS, SOME HEAVIES, COARSER SHELLS THAN ABOVE.
- 4.6 - 4.9 SAND; VERY LIGHT ORANGE TO GRAYISH BROWN
30% POROSITY: INTERGRANULAR, POSSIBLY HIGH PERMEABILITY
GRAIN SIZE: FINE; RANGE: FINE TO COARSE
ROUNDNESS: SUB-ANGULAR TO ANGULAR; MEDIUM SPHERICITY
UNCONSOLIDATED
ACCESSORY MINERALS: HEAVY MINERALS-05%, FELDSPAR-25%
FOSSILS: FOSSIL FRAGMENTS
25% SHELL DEBRIS.
- 4.9 - 7.2 SAND; VERY LIGHT ORANGE TO GRAYISH BROWN
30% POROSITY: INTERGRANULAR, POSSIBLY HIGH PERMEABILITY
GRAIN SIZE: FINE; RANGE: VERY FINE TO MEDIUM
ROUNDNESS: SUB-ANGULAR TO ANGULAR; MEDIUM SPHERICITY
UNCONSOLIDATED
ACCESSORY MINERALS: HEAVY MINERALS-02%, FELDSPAR-10%
FOSSILS: FOSSIL FRAGMENTS
10% VERY FINE-FINE GRAINED SHELL DEBRIS.
- 7.2 - 8.5 SAND; VERY LIGHT ORANGE TO GRAYISH BROWN
30% POROSITY: INTERGRANULAR, POSSIBLY HIGH PERMEABILITY
GRAIN SIZE: FINE; RANGE: VERY FINE TO MEDIUM
ROUNDNESS: SUB-ANGULAR TO ANGULAR; MEDIUM SPHERICITY
UNCONSOLIDATED
ACCESSORY MINERALS: HEAVY MINERALS-02%, FELDSPAR-10%
FOSSILS: FOSSIL FRAGMENTS
10% VERY FINE-FINE GRAINED SHELL DEBRIS.
- 8.5 - 9.0 SAND; VERY LIGHT ORANGE TO GRAYISH BROWN
30% POROSITY: INTERGRANULAR, POSSIBLY HIGH PERMEABILITY
GRAIN SIZE: MEDIUM; RANGE: FINE TO COARSE
ROUNDNESS: ANGULAR TO SUB-ANGULAR; LOW SPHERICITY
UNCONSOLIDATED
ACCESSORY MINERALS: HEAVY MINERALS-02%, FELDSPAR-45%
FOSSILS: FOSSIL FRAGMENTS
40% TO 50% OF GRAINS ARE COARSE SHELL DEBRIS. ALMOST ALL
LARGE GRAINS IN CORE ARE MADE UP OF ANUGULAR SHELL DEBRIS.
MOST OF INTERVAL VARIATION IN CORE DUE TO VARYING SHELL
DEBRIS CONTENT. NO BEDDING OF HEAVY MINERALS WAS SEEN IN
CORE.
- 9.0 TOTAL DEPTH