

LITHOLOGIC WELL LOG PRINTOUT

SOURCE - FGS

WELL NUMBER: W-17243
TOTAL DEPTH: 7.6 FT.
6 SAMPLES FROM 0 TO 7.6 FT.

COUNTY - STLUCIEF
LOCATION: T.35S R.41E S.18
LAT = 27D 26M 13S
LON = 80D 16M 44S

COMPLETION DATE: 01/06/95
OTHER TYPES OF LOGS AVAILABLE - NONE

ELEVATION: 2 FT

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

WORKED BY:--HENRY FREEDENBERG, (1/6/95), SL2 CORE INTERVALS IN FEET
ST. LUCIE COUNTY
UTM PLANAR, ZONE 17 X=571260.7, Y=3034875.9
FLORIDA EAST ZONE IN FEET, POLYCONIC PLANAR X=733883, PLANAR Y=1128725
WELL IS LOCATED IN THE FORT PIERCE 7.5 MINUTE QUADRANGLE

- 0. - 7.6 090UDSC UNDIFFERENTIATED SAND AND CLAY

- 0 - 2 SAND; GRAYISH BROWN TO LIGHT GRAYISH BROWN
30% POROSITY: INTERGRANULAR, POSSIBLY HIGH PERMEABILITY
GRAIN SIZE: FINE; RANGE: FINE TO MEDIUM
ROUNDNESS: SUB-ANGULAR TO SUB-ROUNDED; MEDIUM SPHERICITY
UNCONSOLIDATED
ACCESSORY MINERALS: HEAVY MINERALS-04%, SHELL-30%
FOSSILS: FOSSIL FRAGMENTS
30% MEDIUM-COARSE GRAINED ANGULAR-SUBANGULAR SHELL MASH
BLACK 0.003FT THICK HEAVY MINERAL BAND OBSERVED AT 1.6FT.

- 2 - 3.3 SAND; GRAYISH BROWN TO VERY LIGHT ORANGE
30% POROSITY: INTERGRANULAR, POSSIBLY HIGH PERMEABILITY
GRAIN SIZE: FINE; RANGE: FINE TO MEDIUM
ROUNDNESS: SUB-ANGULAR TO SUB-ROUNDED; MEDIUM SPHERICITY
UNCONSOLIDATED
ACCESSORY MINERALS: HEAVY MINERALS-02%
60% MEDIUM-GRAVEL SIZED ANGULAR-SUBANGULAR CARBONATE DEBRIS

- 3.3- 3.6 SAND; GRAYISH BROWN TO VERY LIGHT ORANGE
30% POROSITY: INTERGRANULAR, POSSIBLY HIGH PERMEABILITY
GRAIN SIZE: FINE; RANGE: FINE TO MEDIUM
ROUNDNESS: SUB-ANGULAR TO SUB-ROUNDED; MEDIUM SPHERICITY
UNCONSOLIDATED
ACCESSORY MINERALS: HEAVY MINERALS-02%
60% COARSE-GRAVEL SIZED CARBONATE DEBRIS LARGE SHELL
FRAGMENTS PRESENT

- 3.6- 4.6 SAND; DARK YELLOWISH BROWN TO DARK BROWN
25% POROSITY: INTERGRANULAR, POSSIBLY HIGH PERMEABILITY
GRAIN SIZE: FINE; RANGE: VERY FINE TO FINE
ROUNDNESS: SUB-ANGULAR TO SUB-ROUNDED; MEDIUM SPHERICITY
UNCONSOLIDATED
ACCESSORY MINERALS: HEAVY MINERALS-01%
50% ORGANIC MATTER, DARK COLOR, NO CARBONATES, LAGOONAL
ENVIRONMENT

- 4.6- 5.9 SAND; GRAYISH BROWN TO GRAYISH ORANGE

30% POROSITY: INTERGRANULAR, POSSIBLY HIGH PERMEABILITY
GRAIN SIZE: FINE; RANGE: VERY FINE TO FINE
ROUNDNESS: SUB-ANGULAR TO SUB-ROUNDED; MEDIUM SPHERICITY
UNCONSOLIDATED
ACCESSORY MINERALS: HEAVY MINERALS-01%, SHELL-15%
FOSSILS: FOSSIL FRAGMENTS
15% MEDIUM-COARSE ANGULAR-SUBROUNDED SHELL MASH

5.9- 7.6 SAND; VERY LIGHT ORANGE TO GRAYISH BROWN
30% POROSITY: INTERGRANULAR, POSSIBLY HIGH PERMEABILITY
GRAIN SIZE: FINE; RANGE: FINE TO MEDIUM
ROUNDNESS: SUB-ANGULAR TO SUB-ROUNDED; MEDIUM SPHERICITY
UNCONSOLIDATED
ACCESSORY MINERALS: HEAVY MINERALS-01%, SHELL-40%
FOSSILS: FOSSIL FRAGMENTS
40% FINE-MEDIUM GRAINED ANGULAR-SUBANGULAR SHELL MASH
ABUNDANT (20%) WOODY MATERIAL (ROOTS), DOES NOT APPEAR TO
BE HEAVILY OXIDIZED

7.6 TOTAL DEPTH