

LITHOLOGIC WELL LOG PRINTOUT

SOURCE - FGS

WELL NUMBER: W-17242  
TOTAL DEPTH: 8.6 FT.  
10 SAMPLES FROM 0 TO 8.6 FT.

COUNTY - STLUCIEF  
LOCATION: T.34S R.40E S.36  
LAT = 27D 28M 29S  
LON = 80D 17M 27S  
ELEVATION: 2 FT

COMPLETION DATE: 01/05/95  
OTHER TYPES OF LOGS AVAILABLE - NONE

OWNER/DRILLER:FLORIDA GEOLOGICAL SURVEY  
HENRY FREEDENBERG, DRILLER

WORKED BY:--HENRY FREEDENBERG, (1/5/95), SL1 CORE INTERVALS IN FEET  
ST. LUCIE COUNTY  
UTM PLANAR, ZONE 17 X=570072.8, Y=3039056.8  
FLORIDA EAST ZINE IN FEET, POLYCONIC PLANAR X=729984, PLANAR Y=1142448  
WELL IS LOCATED IN THE FORT PIERCE 7.5 MINUTE QUADRANGLE.

0. - 8.6 090UDSC UNDIFFERENTIATED SAND AND CLAY
- 0 - 1.3 SAND; GRAYISH BROWN TO MODERATE 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-35%  
FOSSILS: FOSSIL FRAGMENTS  
35% MEDIUM-COARSE GRAINED ANGULAR-SUBANGULAR SHELL  
FRAGMENTS
- 1.3- 2 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-03%, SHELL-50%  
FOSSILS: FOSSIL FRAGMENTS  
50% MEDIUM-COARSE GRAINED ANGULAR-SUBANGULAR SHELL DEBRIS
- 2 - 2.6 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-05%, SHELL-10%  
FOSSILS: FOSSIL FRAGMENTS  
10% FINE-MEDIUM GRAINED ANGULAR-SUBANGULAR SHELL DEBRIS
- 2.6- 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-03%, SHELL-50%  
FOSSILS: FOSSIL FRAGMENTS  
25% MEDIUM-COARSE GRAINED ANGULAR-SUBANGULAR SHELL DEBRIS

- 3 - 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-05%, SHELL-20%  
FOSSILS: FOSSIL FRAGMENTS  
20% MEDIUM-COARSE GRAINED ANGULAR-SUBANGULAR SHELL DEBRIS
- 3.3- 4.6 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%, SHELL-60%  
FOSSILS: FOSSIL FRAGMENTS  
60% MEDIUM-COARSE GRAINED ANGULAR-SUBANGULAR SHELL DEBRIS
- 4.6- 4.9 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-05%, SHELL-20%  
FOSSILS: FOSSIL FRAGMENTS  
20% MEDIUM-COARSE GRAINED ANGULAR-SUBANGULAR SHELL DEBRIS
- 4.9- 5.6 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-07%, SHELL-30%  
FOSSILS: FOSSIL FRAGMENTS  
30% MEDIUM-COARSE GRAINED ANGULAR-SUBANGULAR SHELL DEBRIS
- 5.6- 7.5 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-05%, SHELL-70%  
FOSSILS: FOSSIL FRAGMENTS  
70% MEDIUM-GRAVEL SIZED ANGULAR-SUBANGULAR SHELL FRAGMENTS  
A LOT OF CORAL DEBRIS
- 7.5- 8.6 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-05%, SHELL-20%  
FOSSILS: FOSSIL FRAGMENTS  
20% MEDIUM-COARSE GRAINED ANGULAR-SUBANGULAR SHELL  
FRAGMENTS

8.6 TOTAL DEPTH