

LITHOLOGIC WELL LOG PRINTOUT

SOURCE - FGS

WELL NUMBER: W-18038
 TOTAL DEPTH: 20.2 FT.
 10 SAMPLES FROM 0 TO 20.2 FT.

COUNTY - ST_LUCIE
 LOCATION: T/R/S - NO ENTRY
 LAT = 27D 22M 50S
 LON = 80D 11M 06S

COMPLETION DATE: N/A
 OTHER TYPES OF LOGS AVAILABLE - NONE

ELEVATION:N/A FT

OWNER/DRILLER:VSL-9B ST. LUCIE

WORKED BY:CINDY FISCHLER. 2FT. INTERVALS. COMPLETED MARCH 2000.

- . - . 000NOPK NO PICK
- 0 - 8 SHELL BED; GREENISH GRAY
 40% POROSITY: INTERGRANULAR; POOR INDURATION
 CEMENT TYPE(S): CLAY MATRIX, CALCILUTITE MATRIX
 ACCESSORY MINERALS: QUARTZ SAND-25%, SILT-20%
 FOSSILS: MOLLUSKS, BARNACLES, BENTHIC FORAMINIFERA
 MILIOLIDS, OSTRACODS
 GASTROPODS, SPICULES, ECHINOIDS. DOES NOT FIT WELL IN ANY
 ROCK TYPE. MAJORITY OF SAMPLE IS CARBONATE SO CALLED IT A
 SHELL BED. IT IS LIKE A MARL - SHELL FRAGMENTS AND VERY
 FINELY GROUND SHELL MATERIAL WITH SAND AND SILT AND CLAY.
 SAND IS MOSTLY FINE GRAINED. SILT AND CLAY INCREASES WITH
 DEPTH TO ABOUT 30%.
- 8 - 10 SHELL BED; LIGHT GRAY TO LIGHT OLIVE GRAY
 45% POROSITY: INTERGRANULAR; POOR INDURATION
 CEMENT TYPE(S): CALCILUTITE MATRIX, CLAY MATRIX
 ACCESSORY MINERALS: QUARTZ SAND-20%, CALCILUTITE-10%
 FOSSILS: MOLLUSKS, BARNACLES, BENTHIC FORAMINIFERA
 ECHINOID, MILIOLIDS
 SOME OF THE SAND IS COATED WITH CARBONATE. ABOUT 10% OF THE
 SAMPLE IS CALCARENITE-PELLETS AND OIDS. A FEW LARGE SHELLS
 BUT MOSTLY FINELY GROUND SHELL MATERIAL. "MICROCOQUINA"
- 10 - 12 PACKSTONE; VERY LIGHT GRAY TO YELLOWISH GRAY
 45% POROSITY: INTERGRANULAR
 GRAIN TYPE: CALCILUTITE, SKELETAL, PELLET
 80% ALLOCHEMICAL CONSTITUENTS
 GRAIN SIZE: MEDIUM; RANGE: MICROCRYSTALLINE TO GRAVEL
 POOR INDURATION
 CEMENT TYPE(S): CALCILUTITE MATRIX
 ACCESSORY MINERALS: QUARTZ SAND-20%, CALCILUTITE- 8%
 SHELL-70%
 FOSSILS: MOLLUSKS, BARNACLES, BENTHIC FORAMINIFERA
 MILIOLIDS, OSTRACODS
 GASTROPODS, SPICULES. TRACE OF HEAVY MINERALS. ABOUT 8% OF
 SAMPLE IS CALCARENITE-OIDS AND PELLETS. VERY FINELY GROUND
 SHELL MATERIAL WITH FEW LARGE SHELLS. SOME OF THE SAND HAS
 A CARBONATE COATING.
- 12 - 14 PACKSTONE; WHITE TO YELLOWISH GRAY
 45% POROSITY: INTERGRANULAR
 GRAIN TYPE: CALCILUTITE, SKELETAL, PELLET
 80% ALLOCHEMICAL CONSTITUENTS
 GRAIN SIZE: MEDIUM; RANGE: MICROCRYSTALLINE TO GRAVEL
 POOR INDURATION
 CEMENT TYPE(S): CALCILUTITE MATRIX
 ACCESSORY MINERALS: QUARTZ SAND-20%, SHELL-60%
 CALCILUTITE-15%
 FOSSILS: MOLLUSKS, BARNACLES, BENTHIC FORAMINIFERA
 MILIOLIDS, ECHINOID
 GASTROPODS.
- 14 - 16 SHELL BED; LIGHT GRAY
 45% POROSITY: INTERGRANULAR; POOR INDURATION
 CEMENT TYPE(S): CALCILUTITE MATRIX
 ACCESSORY MINERALS: CALCILUTITE- 5%, QUARTZ SAND-15%

FOSSILS: MOLLUSKS, BARNACLES, BENTHIC FORAMINIFERA
MILIOLIDS, ECHINOID
TRACE OF HEAVY MINERALS. MICROCOQUINA.

16 - 18 WACKESTONE; VERY LIGHT GRAY TO YELLOWISH GRAY
40% POROSITY: INTERGRANULAR
GRAIN TYPE: CALCILUTITE, SKELETAL
70% ALLOCHEMICAL CONSTITUENTS
GRAIN SIZE: GRAVEL; RANGE: MICROCRYSTALLINE TO GRAVEL
POOR INDURATION
CEMENT TYPE(S): CALCILUTITE MATRIX
ACCESSORY MINERALS: CALCILUTITE-25%, SHELL-70%
QUARTZ SAND-<5%
FOSSILS: MOLLUSKS, BARNACLES, ECHINOID
BENTHIC FORAMINIFERA, MILIOLIDS
SHELL FRAGMENTS IN A LIME MUD MATRIX.

18 - 20.2 SHELL BED; LIGHT OLIVE GRAY TO YELLOWISH GRAY
40% POROSITY: INTERGRANULAR; POOR INDURATION
CEMENT TYPE(S): CALCILUTITE MATRIX
ACCESSORY MINERALS: CALCILUTITE-10%, QUARTZ SAND-10%
FOSSILS: MOLLUSKS, BARNACLES, ECHINOID
BENTHIC FORAMINIFERA, MILIOLIDS
BRYOZOA. SHELL MATERIAL VARIES IN SIZE FINELY GROUND TO
WHOLE.

20.2 TOTAL DEPTH