

DLBS-10

LITHOLOGIC WELL LOG PRINTOUT

SOURCE - FGS

WELL NUMBER: W-17795

COUNTY - DADE

TOTAL DEPTH: 113 FT.

LOCATION: T.53S R.39E S.13 DB

12 SAMPLES FROM 0 TO 113 FT.

LAT = 25D 50M 05S

LON = 80D 29M 03S

COMPLETION DATE: 07/31/96

ELEVATION: 95 FT

OTHER TYPES OF LOGS AVAILABLE - NONE

OWNER/DRILLER: OWNER ?/SFWMD, WELL ID# 025-21, WELL NAME: DLBS-10

WORKED BY: HOLLY K. WILLIAMS, FLORIDA GEOLOGICAL SURVEY, 9/29/99
 ALL SAMPLES ARE CORE. ACTUAL CORE LENGTH IS ABOUT 1/3 OF THAT
 MARKED AND DESCRIBED.

- 0 - 87. 121PCPC Pliocene-Pleistocene
 87. - . 122HTRN Hawthorn Group
 87. - . 122PCRV Peace River fm.
- 0 - 3 PACKSTONE; YELLOWISH GRAY
 10% POROSITY: INTRAGRANULAR, INTERGRANULAR
 GRAIN TYPE: CALCILUTITE, BIOGENIC
 60% ALLOCHEMICAL CONSTITUENTS
 GRAIN SIZE: MEDIUM; RANGE: CRYPTOCRYSTALLINE TO COARSE
 CEMENT TYPE(S): CALCILUTITE-MATRIX
 ACCESSORY MINERALS: QUARTZ SAND-05%, CLAY-15%
 INDURATION IS POOR TO MODERATE.
- 3 - 8 MUDSTONE; YELLOWISH GRAY TO GRAYISH ORANGE
 POROSITY: INTRAGRANULAR, INTERGRANULAR
 GRAIN TYPE: CALCILUTITE; 10% ALLOCHEMICAL CONSTITUENTS
 GRAIN SIZE: CRYPTOCRYSTALLINE
 RANGE: CRYPTOCRYSTALLINE TO COARSE; MODERATE INDURATION
 CEMENT TYPE(S): CALCILUTITE MATRIX
 ACCESSORY MINERALS: QUARTZ SAND-30%
 LIMESTONE THAT IS GREYISH ORANGE IS EVIDENCE OF EXPOSURE.
 SAND ACCESSORY IS MEDIUM TO COARSE. 3-5' IS MORE BROKEN
 UP THAN AT 5-8'.
- 8 - 20 PACKSTONE; YELLOWISH GRAY
 20% POROSITY: INTRAGRANULAR, INTERGRANULAR, VUGULAR
 GRAIN TYPE: CALCILUTITE, BIOGENIC, OOLITE
 75% ALLOCHEMICAL CONSTITUENTS
 GRAIN SIZE: MEDIUM
 RANGE: CRYPTOCRYSTALLINE TO VERY COARSE
 MODERATE INDURATION
 CEMENT TYPE(S): CALCILUTITE MATRIX, SPARRY CALCITE CEMENT
 ACCESSORY MINERALS: QUARTZ SAND-05%
 OTHER FEATURES: HIGH RECRYSTALLIZATION
- 20 - 23 MUDSTONE; VERY LIGHT GRAY TO YELLOWISH GRAY
 POROSITY: INTRAGRANULAR, MOLDIC
 GRAIN TYPE: CALCILUTITE, BIOGENIC, OOLITE
 05% ALLOCHEMICAL CONSTITUENTS

GRAIN SIZE: CRYPTOCRYSTALLINE
RANGE: CRYPTOCRYSTALLINE TO COARSE; MODERATE INDURATION
CEMENT TYPE(S): CALCILUTITE MATRIX
ACCESSORY MINERALS: CLAY-15%
FOSSILS: MOLLUSKS, FOSSIL MOLDS
VERY LITTLE OOMOLDIC POROSITY. MOST MOLDS ARE FROM
MOLLUSKS.

- 23 - 30 MUDSTONE; YELLOWISH GRAY
POROSITY: INTRAGRANULAR, MOLDIC
GRAIN TYPE: CALCILUTITE, BIOGENIC, OOLITE
10% ALLOCHEMICAL CONSTITUENTS
GRAIN SIZE: CRYPTOCRYSTALLINE
RANGE: CRYPTOCRYSTALLINE TO MEDIUM; GOOD INDURATION
CEMENT TYPE(S): CALCILUTITE MATRIX
ACCESSORY MINERALS: SPAR-05%
FOSSILS: MOLLUSKS, FOSSIL MOLDS
NUMEROUS MOLDS AND CASTS. 27-30' IS BROKEN UP, SOME OF
WHICH HAS UNDERGONE VERY LITTLE DOLOMITIZATION. VERY
LITTLE OOMOLDIC POROSITY.
- 30 - 45 WACKESTONE; YELLOWISH GRAY
10% POROSITY: INTRAGRANULAR, MOLDIC, TUBULAR
GRAIN TYPE: CALCILUTITE, BIOGENIC
15% ALLOCHEMICAL CONSTITUENTS
GRAIN SIZE: CRYPTOCRYSTALLINE
RANGE: CRYPTOCRYSTALLINE TO MEDIUM; MODERATE INDURATION
CEMENT TYPE(S): CALCILUTITE MATRIX
OTHER FEATURES: MEDIUM RECRYSTALLIZATION
FOSSILS: MOLLUSKS, FOSSIL MOLDS
NUMEROUS MOLLUSK MOLDS AND CASTS. SPARRY CALCITE GROWTH ON
MANY CASTS AND MOLDS AND REPLACING SOME MOLDS.
- 45 - 65 WACKESTONE; WHITE TO YELLOWISH GRAY
15% POROSITY: INTRAGRANULAR, MOLDIC
GRAIN TYPE: CALCILUTITE, BIOGENIC
25% ALLOCHEMICAL CONSTITUENTS
GRAIN SIZE: CRYPTOCRYSTALLINE
RANGE: CRYPTOCRYSTALLINE TO MEDIUM; MODERATE INDURATION
CEMENT TYPE(S): CALCILUTITE MATRIX
ACCESSORY MINERALS: QUARTZ SAND-35%, SPAR-05%
OTHER FEATURES: LOW RECRYSTALLIZATION
FOSSILS: MOLLUSKS, FOSSIL MOLDS
SAND ACCESSORY IS FINE GRAIN. SOME MOLLUSK MOLDS AND CASTS
COATED WITH SPARRY CALCITE. 57-60' IS MODERATELY TO HIGHLY
RECRYSTALLIZED.
- 65 - 73 SHELL BED; YELLOWISH GRAY TO VERY LIGHT ORANGE
20% POROSITY: INTERGRANULAR
CEMENT TYPE(S): CALCILUTITE MATRIX, SPARRY CALCITE CEMENT
ACCESSORY MINERALS: CALCILUTITE-15%, QUARTZ SAND-05%
OTHER FEATURES: HIGH RECRYSTALLIZATION
FOSSILS: MOLLUSKS
SHELLS HAVE BEEN REPLACED BY SPARRY CALCITE AND ARE POORLY
INDURATED TO UNCONSOLIDATED.

- 73 - 75 MUDSTONE; YELLOWISH GRAY
POROSITY: INTRAGRANULAR, MOLDIC
GRAIN TYPE: CALCILUTITE, BIOGENIC
10% ALLOCHEMICAL CONSTITUENTS
GRAIN SIZE: CRYPTOCRYSTALLINE
RANGE: CRYPTOCRYSTALLINE TO MEDIUM; GOOD INDURATION
CEMENT TYPE(S): CALCILUTITE MATRIX
ACCESSORY MINERALS: QUARTZ SAND-25%
OTHER FEATURES: HIGH RECRYSTALLIZATION
FOSSILS: MOLLUSKS, FOSSIL MOLDS
SAND ACCESSORY IS FINE GRAIN.
- 75 - 78 SAND; YELLOWISH GRAY TO LIGHT OLIVE GRAY
GRAIN SIZE: FINE
ROUNDNESS: SUB-ANGULAR TO SUB-ROUNDED; MEDIUM SPHERICITY
POOR INDURATION
CEMENT TYPE(S): CALCILUTITE MATRIX
FOSSILS: MOLLUSKS
THIS INTERVAL IS POORLY INDURATED QUARTZ SAND-50%, AND
CARBONATE SAND-50%. THE CARBONATE SAND IS MEDIUM GRAIN.
- 78 - 87 MUDSTONE; YELLOWISH GRAY TO LIGHT OLIVE GRAY
POROSITY: INTRAGRANULAR, MOLDIC
GRAIN TYPE: CALCILUTITE
GRAIN SIZE: CRYPTOCRYSTALLINE; POOR INDURATION
CEMENT TYPE(S): CALCILUTITE MATRIX, CLAY MATRIX
ACCESSORY MINERALS: CLAY-20%, QUARTZ SAND-20%
FOSSILS: MOLLUSKS, FOSSIL MOLDS
SAND ACCESSORY IS FINE TO COARSE, MODE: FINE. 85-87 IS
POORLY TO MODERATELY INDURATED.
- 87 - 113 SAND; YELLOWISH GRAY TO LIGHT OLIVE GRAY
15% POROSITY: INTRAGRANULAR, INTERGRANULAR
GRAIN SIZE: MEDIUM; RANGE: FINE TO COARSE
ROUNDNESS: SUB-ANGULAR TO SUB-ROUNDED; MEDIUM SPHERICITY
POOR INDURATION
CEMENT TYPE(S): CLAY MATRIX
ACCESSORY MINERALS: CLAY-20%, PHOSPHATIC SAND-05%
FOSSILS: MOLLUSKS, BRYOZOA
95-113' HAS 10% CLAY.

113 TOTAL DEPTH