

PELICAN -5

399 - 600M

(1309-1969 FT)

INTERVAL DOMINANTLY BIOCALCARENITE WITH MINOR CALCILUTITE INCREASING BELOW 550M.

BIOCALCARENITE (80%) CRM-WH TO PALE GRY-YELL, M-V C GR (DOM C GR), DOM FRI, IN PT MOD HD, CONSISTS MAINLY OF FRAGS OF DOM BRYOZOANS, WITH BRACHIOPODS AND MOLLUSCS, (ROGOSE) CORALS AND TR SPONGS SPICULES AND FORAMS. COMPOSITE GRAINS SHOW 5-25% SPARRY CALCITE CMT AND GEN 0-10% NON-CALC CLY MATRIX. TR DK GRY SLT (SH?) FRAGS, PY? MICROSPHERULITES AND V RARE PALE GRN GLAUCONITE. TR YELL-GOLD MINERAL FLUOR.

CALCILUTITE (20%?, MAINLY BELOW 550M) - POSSIBLY IN PT AS A MICRITIC MATRIX TO BIOCALCARENITE, BUT MORE LIKELY AS SEPARATE PATCHES AND THIN INTERBEDS WITHIN BIOCALCARENITE SEQUENCE. - PALE GRN-GRY, DOM MICROXTLN CALCITE AND CLY WITH VER ABUN FOSSIL FRAGS, UNCONSOL, V SFT.

600-770M

(1969-2526FT)

CALCILUTITE, CALCAREOUS CLAYSTONE AND MINOR BIOMICRITE(?) INTERBEDDED WITH BIOCALCARENITE.

CALCILUTITE (50% NEAR 600M INCR TO 80-90% BELOW 650M) LT GRY, LT TAN-CRMY WH, V SFT - MOD HD (DOM SFT), CHARACTERISTICALLY FLECKED WITH TR-ABUN (UP TO 25%) PALE TO DK GRN VF-F GR GLAUCONITE AS IRREG FLAKES, SPHEROIDS, BOTRYOIDAL FORMS AND INTERNAL CASTS OF (MAINLY) FORAMS, BRYOZOA, CORALS, SPICULES, SHOWING V FINE DETAIL.

TR-ABUN (50%) MICROXTLN CALCITE (MICRITE) MIXED WITH CLAY (AS MATRIX), TR-ABUN (25%) VF TO C FOSSIL FRAGS (DOM BRYOZOA, ALSO CORALS, FORAMS, SPICULES, THIN-WALLED MOLLUSC AND THICK-WALLED BRACHIOPOD FRAGS). GRDS IN PT TO MICRITE, BIOMICRITE AND CALC CLYST.

- TR-MOD ABUN (10%) SPARITE CMT, TR-1% TRANSLUC CARBONATE SPHEROIDS (OOIDS?), TR PY AND RARE VF-F ANG - SUBANG CLEAR QTZ.