

**195-240M**

ASSORTED SHELL DEBRIS: WH TO LT GRY W/ OCC DK GRY FRAG, DOM BRYAZOA AND CORAL FRAG W/ ASSORT SHELL FRAG AND SPICULES, LARGE (2CM) FRAG WHICH DECREASE IN SIZE BELOW 220M TO .25-.5CM, FRAG ALMOST COMPLETELY DISSOLVE IN COLD 10 PER CENT HCL W/ VIOLENT REACTION, MATRIX HAS BEEN DISPERSED AND DOES NOT EXIST IN SAMPLE.

**240-410M**

ASSORTED SHELL AND FOSSIL DEBRIS: DOM CRM AND LT GRY W/ OCC WH AND M GRY. BRYAZOA, CORAL, PELECYPODS, FORAMS, ASSORT SHELL FRAG, SPICULES, OCC STROMATOLITE FRAG(?), 100% DIGESTION IN COLD 10% HCL. TR LT TO MED GRN PELLETAL GLAUC INFILLING FOSSIL CAVITIES. NO MATRIX MAT PRESENT IN SAMPLE.

CRM COLORED FRAG INCREASE W/ DEPTH.

**410-440M**

DOM BIOCALCIRUDITE: DOM CRM TO BUFF TO WH W/ SOME LT GRY. FOSS AND SHELL DEB OF VAR SIZES (DOM RUDITE BUT MOD AMOUNT OF BIOCALCARENITE). BRYAZOA, PELECYPODS, SPICULES, SHELL FRAG. OCC M TO DK GRY FORAMS. OCC DK GRN GLAUC PEL INFIL FOSS CAV. OCC F XTLN CLR TO WH CALC INFILING PORES AND CAV GRDNG TO WH-CRM MICROXTLN OVER GRWING FOSS BOUNDARIES. OCC PY REPLACEMENT OF MICROFOSS.

BIOCALCARENITE AS FRAG HELD TOGETHER BY WH MICROXTLN CMT.

**440-535M**

BIOCALCARENITE: LT CRM TO LT GRY, M TO C GR ASSORT FOSS DEB W CMT BY CRM-WH MICROXTLN CALC MIXED W/ MINOR AMOUNT OF LT TAN CLY (5% OF ROCK). DK GRY FORAMS AND DK GRN GLAUC PEL GIVE S + P APPEAR. FIRM BUT MOD FRI. VIS POR IS 5%. SL INC IN CLY BELOW 470M. (UP TO 15-20%)

**BELOW 500M**

APPEARANCE OF OCC GRS OF QTZ SILT. INCREASE IN MICRITIC MATRIX.

**535-640M**

CALCARENITE: CRM TO LT GRY, DOM M GR, MOD W SRT CALC DEB W/ SOME RECOGNIZABLE FOSS. MTX IS LT CRM TO TAN-WH MICROXTLN CALC GRDNG TO A CRYPTO CLASTIC FLOUR: MTX APPROX 20-30% OF RK AND CONTAINS APPROX 25% LT GRY CLY MAT. W CMT, MOD SFT AND MOD FRI. OCC LT GRN GLAUC PEL. OCC DK MIN, TR M GR CLR ANG QTZ SLT. VIS POR RANGES FROM LESS THAN 5% UP TO 20% (570M). REDDISH-TAN CALC XTLS BELOW 575M.

RECOGNIZABLE FOSS DECREASE BELOW 560M. F TO V C GR M GRN AND DK GRY TO BLK FORAMS BELOW 590M.

**640-685M**

CALCARENITE: WH TO LT CRM W/ OCC TAN AND LT GRY SPECLED W/ BLK MICROFOSS, OCC DK MIN AND LT TO DK GRN GLAUC. DOM M GR BUT VAR FROM F TO OCC C. MOD ABUN RECOGNIZ FOSS. FIRM TO MOD FRI, DOM W SRT. 75-85% GRAINS, 15-25% MTX: WH TO CRM MICRO TO CRYPTOXTLN CALC AND MINOR CLY.