

2841-2863M

 (9321-9393FT)

INTERVAL DOMINANTLY SANDSTONE (70%) AND CLAYSTONE (30% IN PLACES WITH THIN SANDSTONE LAMINATIONS).

SANDSTONE:

MAIN BED 2846 - 2861.5M (9337-9388FT), REPRESENTED IN CUTTINGS BY LOOSE GRAINS AND OCCASIONAL FRAGMENTS. LIGHT TAN-OFF WHI, V F-M GR, DOM M GR SUBANG-SUBRND, MOD WELL SRT, DOM WEAKLY CONSOLIDATED TR-LOC MOD ABUN WHI MICA, ROSE QUARTZ, BROWN-GRY M GR LITHICS, SOFT WHI CLAY (KAOLINISED FELDSPAR?), TRACE ARGILLACEOUS MATRIX.

TR-20% SOFT WHI CLY CMT. IN PART, ABUN DOLOMITIC CMT (38% HCL), AND SILICEOUS CMT. (SILICIFICATION SEEMS V COMMON, AND QUARTZ OVERGROWTHS HAVE ENHANCED GRAIN ANGULARITY AT EXPENSE OF PRIMARY INTERGRANNULAR POROS. ALSO PRODUCES TR FACETED SUBHEDRAL QTZ).

- VISIBLE POROSITY DOM 15-20%
- TR-10% FRAGMENTS SHOW EVEN YELL-GOLD MINERAL FLUORESCENCE-FROM DOLOMITE CMT.
- ABUN EVEN V LT BRN STAIN.
- MOST FRAGS SHOW EVEN 100% DULL ORANGE HYDROCARBON FLUORESCENCE WITH 5-10% PINPOINT BRI ORANGE FLUOR. TR SLOW STREAMING BRI YELL-WHI CUT AND VERY WEAK CLOUDING C/CUT WITH V DULL, LOW INTENSITY TRANSPARENT V LT YELL FLUOR, CLEAR RESIDUE WITH V DULL YELL-WHI DESS RNG FLUOR.

CLAYSTONE (IN PART WITH THIN SANDSTONE LAMINAE)

LT TAN OR BRNISH GRY, IN PART FLECKED WITH BLACK CARBONACEOUS MATTER, DRLG DISPERSIVE AND V SFT TO SFT, IRREG PLATEY TO SUB FISSILE FRACT, IN PART GRDG TO SHALE. TR-MOD ABUN WHI AND BLK MICA, ESP ALONG SS LAMINAE.

SANDSTONE (30%) OFF-WHI, V F-F GR, WELL SRT, SUBANG-SUBRND DOM MOD HD WITH 10-20% WH CLY CMT, TR-10% ARGILLACEOUS MATRIX, 0-15% VIS POROS, PATCHY-TR V LT BRN STAIN.

BOTH CLAYSTONE AND I/B SANDSTONE SHOW V WEAK CRUSH CUT FLUOR AS DESCRIBED ABOVE.