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1596-1635M

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(5236-5364FT)  
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INTERBEDDED CLAYSTONE, SANDSTONE, SILTSTONE WITH MINOR LIMESTONE.

CLAYSTONE (60% 1595-1610M, 40% 1610-1635M, INFERRED AS INTERBEDS WITH SANDSTONE AND SILTSTONE). - LT TO DK BRN, PALE BLU-GRY OR GRY-BRN, V SFT TO FIRM (DOM SFT), IRREG BLOCKY TO SUBFISS, IN PT SPLINTERY FRAC, TR TO ABUN C SLT (GRDG TO CLY SLTST). TR LITHIC FRAGS, MICMICA, PALE-DK GRN GLAUCONITE, UP TO 1% PY, TR TO LOC ABUN FRAGMENTAL BRYOZOA, FORAMS, BIVALVES, SPICULES. TR - 15% CALC CMT AND MICRITIC? MATRIX. TR-MOD ABUN LT BRN TO DK BRN-BLK ORG MAT.

SILTSTONE AND V F SANDSTONE: VARIES PROBABLY AS THIN INTERBEDS WITH CLAYSTONE, AND POSSIBLY GRADATIONAL BETWEEN EACH.

- DOM LT BRN, TAN, OCC CRM-WH, GEN GRDG TO DK BRN WITH DEPTH, C SLT TO V F GR SAND, DOM AS FREE GRAINS, SUB-ANG, MOD-WELL SRT, V FRI TO MOD HD (DOM FRI). TR V F SUBANG PALE TO DK GRN DETRITAL GLAUCONITE, GD TR ANG VF-F PY, TR-1% CLR MICMICA AND RD-BRN BIOTITE. IN PT, TR-MOD ABUN LT BRN TO RD BLK DETRITAL? ORGANIC MATTER AND COMMON PATCHY TO EVEN V LT BR ORGANIC STAIN.  
- VAR 0-15% CRM-WH CALC AND CLY CMT. 5-20% VIS POROS IN SST. TR V LT  
TRANSLUC PALE YEL-WH CUT FLUOR WITH V LT DISCONT PALE YEL-WH DES RNG  
FLUOR.

LIMESTONE (2-10% IN CUTTINGS, INFERRED AS OCC THIN BEDS, ESP AT 1635) TAN TO ORNG-BRN, HD, BRITTLE, IRREG BLOCKY TO SUBCONCH FRACT, DOM MICROXTLN, VAR DOLOMITIC OR SILICEOUS MATRIX. IN PT TR-MOD ABUN V F GR SAND.

1635-1755M

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(5364-5758FT)  
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DOMINANTLY CLAYSTONE INTERBEDDED WITH SILTSTONE AND MINOR LIMESTONE AND V F GR SANDSTONE. ROCKS AS DESCRIBED ABOVE, EXCEPT THAT CLAYSTONE GEN HARDER, DARKER AND MORE FISSILE WITH DEPTH, GRDG LOCALLY TO DK BRN-GRY SFT SH. CLAYSTONE/SH 55-75% 1635-1720M, 90% 1720-1755M.