

Figure 4 : A - Cobourg limestone layout with boundary between the two microtexture phases : (1) the main calcite phase and (2) the calcite-clay phase. B - Close-up of the microtexture boundary of picture A. C - Matrix layout of the calcite-clay area. D, E & F - Well-developed microporosity framework in calcite-clay part, with small rounded pores (1-2  $\mu$ m, white arrows).