



Figure 1 : A - Global layout of the matrix in the calcite-clay area. B - close-up of the picture A. Matrix is composed of subhedral particles with a well-developed porosity framework. C - Micropore created from pyrite spalling. D - Pyrite (fromboidal form) crystals embedded in the argillaceous part. E - Close-up of the pyrite. F - Clay flakes of smectite, coating a micrite particle.