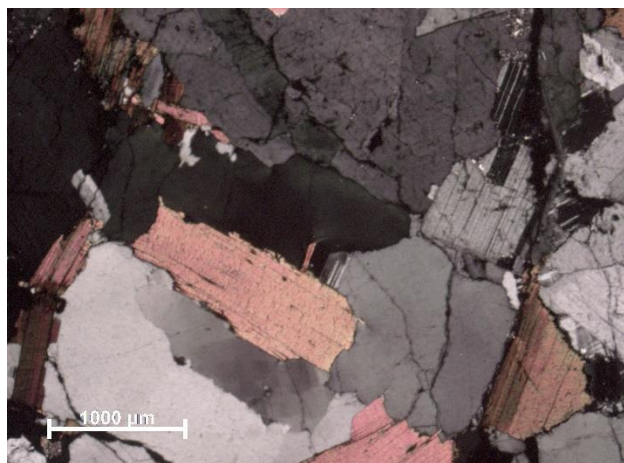
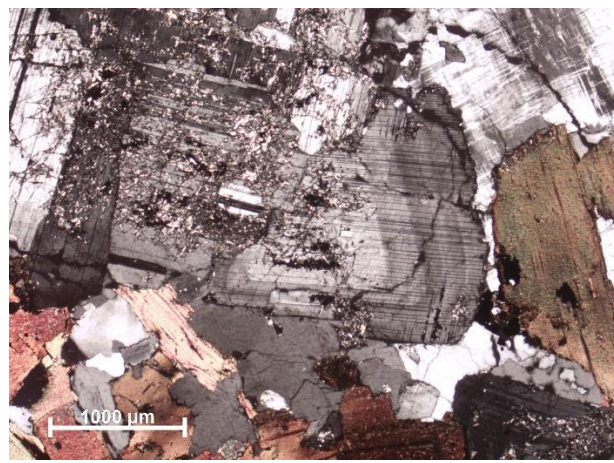


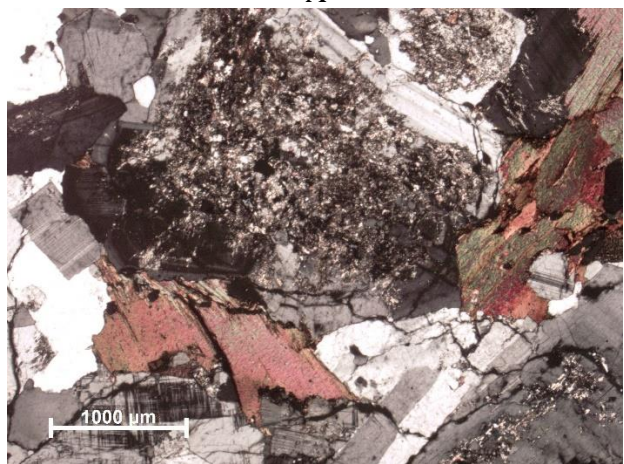
Supplementary material S1



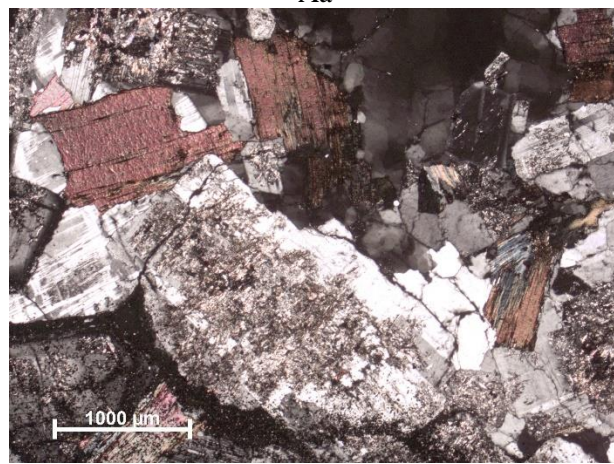
A



Aa



B



C

Images in petrographic thin section (crossed polarizers) of the A, Aa, B and C typologies in order of increasing alteration

Supplementary material S2

XRD diagrams of clay minerals. Four diffractograms are given for each type: untreated, glycol, 450°C and 600°C

