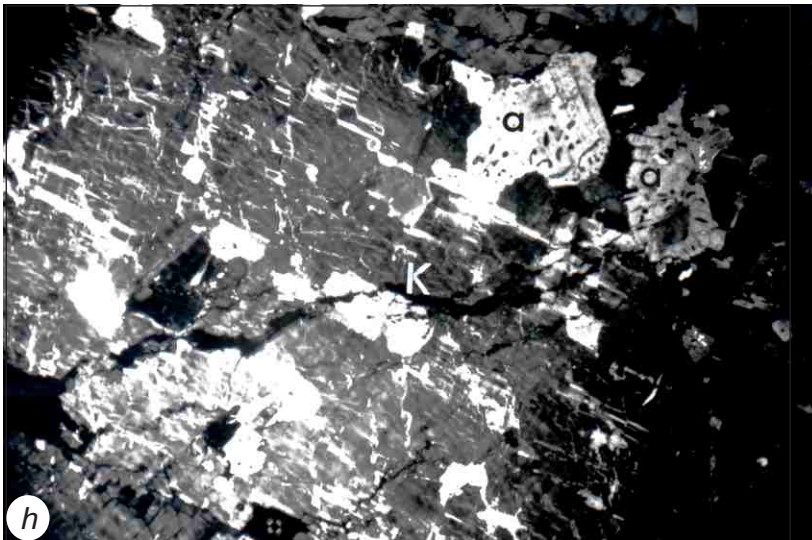


Fig. 47 g, h and i: Photographs of late tectonic plutonic rocks (con't.)

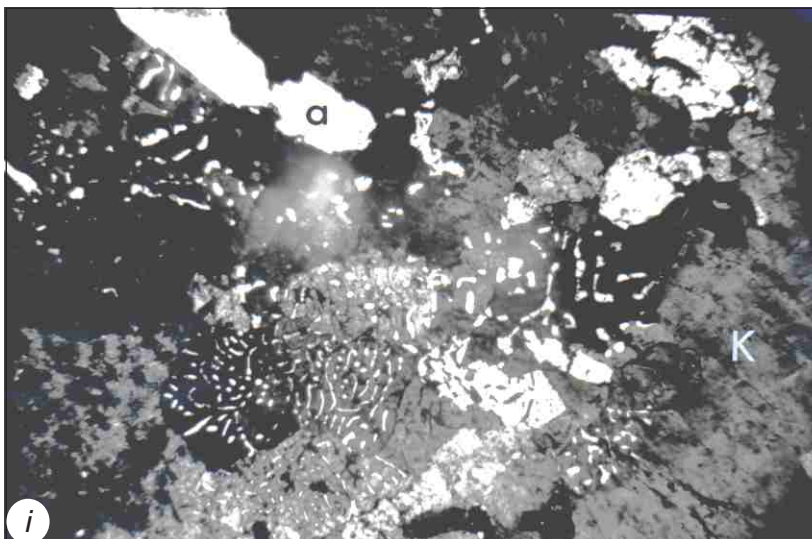


g. Quartz monzonite from the northeastern arm of Nisutlin batholith near its southeast end. This surface illustrates the texture of the matrix (left side is the stained slab; right side is sawn). This rock is coarse-grained, equigranular and the grains are anhedral. potassic feldspar is outlined, quartz is grey, plagioclase is white and biotite is black.

The rock also contains large subhedral pinkish potassic feldspar phenocrysts (not shown here).



h. A thin section of granite from the Quiet Lake batholith (width 5 mm; cross-polarized light) shows a large irregular potassic feldspar (K) with albite (a) and quartz exsolved along the cleavage. Quartz has similar relations to anhedral albite.



i. Photomicrograph (width of view is 2 mm; cross-polarized light) illustrative of the texture of the Quiet Lake batholith. Coarse-grained, equigranular fresh biotite granite shows graphic quartz-K feldspar intergrowths, large tabular potassic feldspars (K) and an albite crystal (a). From Dropoff Mountain.