

Figure 3a.

A distorted and crushed grain of feldspar (F) displays dissolution porosity (blue). Note the dark rims of drilling mud around most grains. Shattering of quartz grains (clear) may be due to drilling processes. Mylor #1, sample 4, depth 1686.2m. Plane light. Field of view 2.6mm.

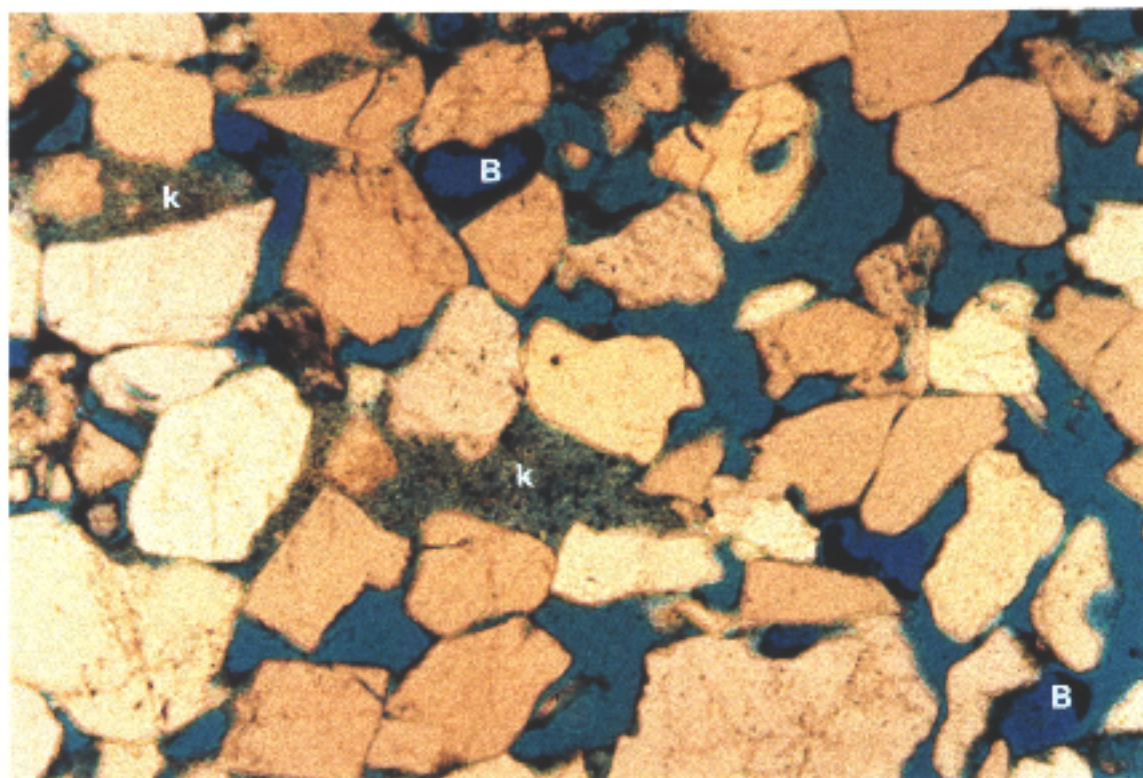


Figure 3b.

Kaolin (K) that fills pores in this view of the subarkose is coloured light blue due to associated microporosity. Note that pore throats are unobstructed except for dark drilling mud. Rounded opaque-rimmed areas in pores may represent bitumen (B). Mylor #1, sample 4, depth 1686.2m. Plane light. Field of view 2.6mm.