

← 5 cm →

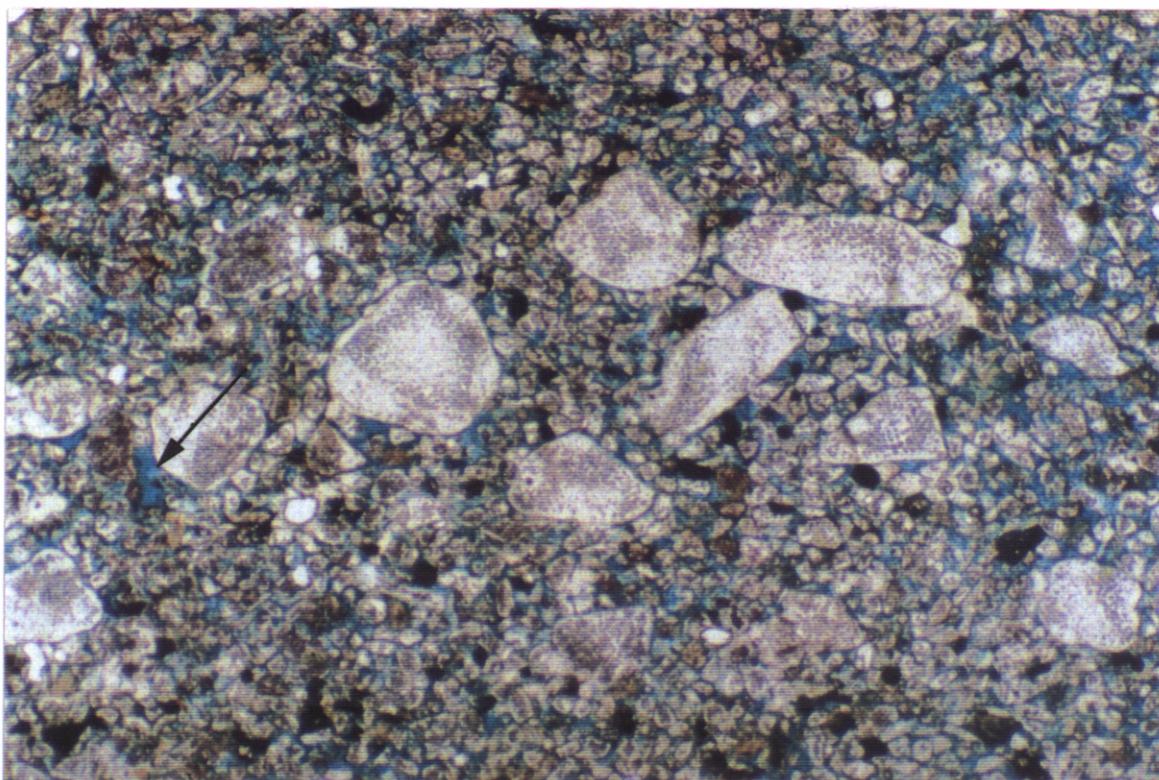


Figure 9.

Porosity (blue) has a uniform distribution in this quartzarenite due to the lack of matrix and cement. Note the distinctive bimodal grain size and concentration of coarser grains in laminae. Porosity is dominantly intergranular in nature but there are minor dissolution pores (arrow). The dusty nature of grains is an artefact of the glue used in thin section preparation. King #1, Core plug 17, depth 1426.70m. Plane light. Field of view 2.72mm.

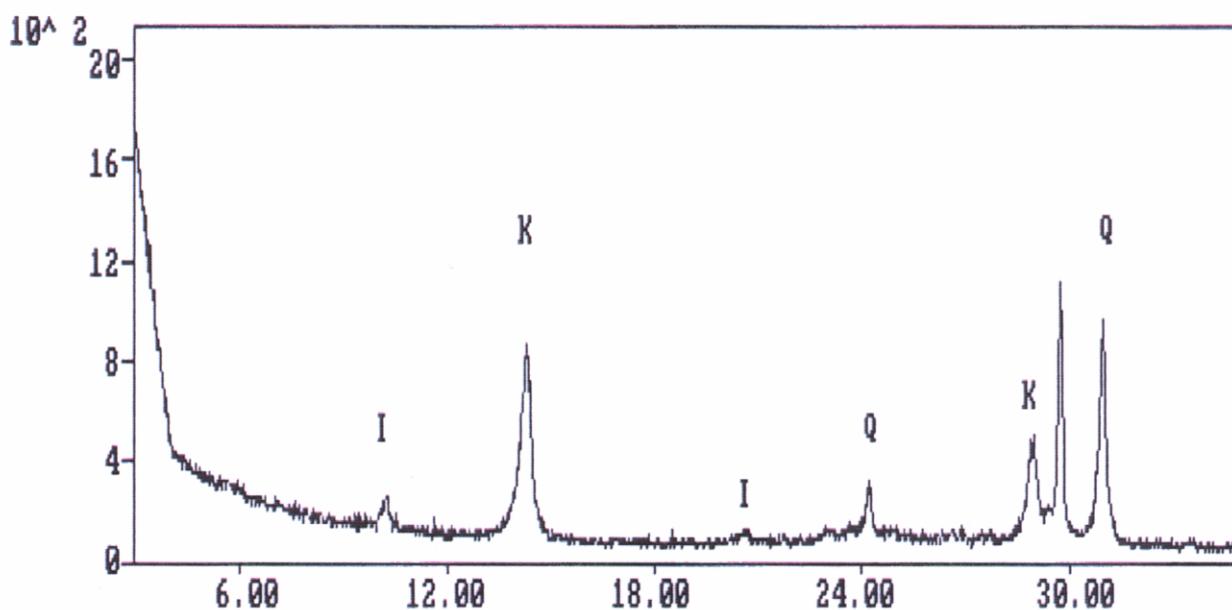


Figure 10.

XRD trace of the clay fraction from King #1, Core plug 17, depth 1426.70m. The vertical axis is in counts of peak intensity and the horizontal axis represents degrees 2 theta. I=illite 2M1, K=kaolinite 1T and Q=quartz.

← 5 cm →