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KR1424: extensively sheared and recrystallised,  
possibly primarily flow banded,  
porphyritic rhyolite

Field note: porphyritic rhyolite

Relict, stressed and some recrystallised quartz phenocrysts (10-15%) up to 2 mm, and similarly stressed slightly smaller plagioclase crystals (7-10%) are randomly, but fairly evenly distributed. They occur in a fairly homogeneous, microcrystalline quartz mosaic crowded with an essential abundance of extremely fine sericite, and abundant closely spaced shredded streaks of sericite. These may simply indicate extensive shearing and recrystallisation of an original, fine quartzo-felspathic groundmass. However the contact between some sericitic lenses and the fine quartz is so sharp that it may also reflect primary flow banding.

Accessory (5-7%), extremely fine carbonate tends to be grouped around recrystallised plagioclase, and in attenuated lenses in the groundmass.