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KR3447: sheared and fairly extensively recrystallised
(quartz crystal, lithic) vitric tuff or
sparsely, micro-porphyrific glassy rhyolitic lava

Field note: flow banded fine quartz felspar porphyry (rhyolitic)

Coarse components in this rock are quite sparse, composed essentially of single quartz crystals (7-10%), average size 1 mm. These are randomly scattered through a matrix of diffuse microcrystalline quartz mosaic, crowded with a similar abundance of commonly oriented ultra-fine sericite and closely packed shredded streaks of relatively concentrated sericite representing fine shear foliae.

Minor fine chlorite is intimately intergrown with the sericite. Minor extremely fine carbonate occurs locally along the foliae. Several lenses of fine diffuse quartz mosaic, relatively crowded with fine chlorite + Ti granules may be sheared out fragments (of a tuff), or specific domains within a former glassy groundmass of a rhyolitic lava.

Oblique shears are relatively chloritic and carry accessory fine pyrite, essentially the same as in 3405 and 3350.

The dominance of metamorphic fabric, makes it extremely difficult to know if this is an original quartz crystal vitric tuff (i.e. glassy matrix), or a sparsely micro-porphyrific, glassy, flow banded, rhyolitic lava.

The somewhat patchy and probable relict, now sheared fragments, and perhaps the presence of chlorite favours a tuff interpretation. It is however almost certainly the same as 3405 and 3350.