

KR3464: stressed, medium grained granite, gradational to adamellite; plagioclase shows sericite-epidote alteration, biotite is completely chloritised

Field note: granite

This rock has a fairly homogeneous, medium (5 mm) allotriomorphic granular aggregate texture. It is stressed and shows incipient local recrystallisation, but the primary texture is considerably more intact than the other granite 3382 in this suite.

It consists of perthitic potash felspar (35-40%), intergrown with a similar abundance of allotriomorphic quartz (35%), and subhedral crystals of plagioclase (15-20%). Clusters of finer chloritised biotite (10%) + zircon titeniferous granules and ? magnetite are scattered.

The plagioclase is selectively partly altered to clouds of fine muscovite, sericite and fine granular epidote. Potash felspar is virtually unaltered.