

KR3484: fine quartz crystal, vitric tuff;
sheared and recrystallised matrix

Field note: crystal vitric tuff

Small (0.1 to 0.3 mm) crystals and splinters of quartz (10-15%) and potash felspar (5%) and accessory siliceous lithic fragments, are disseminated, but vaguely layered through a cleaved, extremely fine and highly potassic matrix. These crystals and fragments are of undoubted tuffaceous origin.

The matrix consists of clouded extremely fine potash felspar (indicated largely by staining), tightly packed shreds of sericite with dispersed, ultra-fine titaniferous granules, and minor quartz. Minor streaks of biotite occur within some sericitic foliae.

This rock probably has a similar genesis to KR3479 but it is finer and more potassic. It is very similar to KR1042 (fig. 49), and KR1234 (fig. 15) report 2228.