

T 29737 (T.S. 31173) K-stain negative.

This is an altered and sheared dacitic lithic-vitric-crystal tuff.
Finer details have been largely obliterated and there is little to
choose between subaqueous and subaerial modes of origin.

JCP 216.

50-5m

Pyroclasts are very poorly sorted with flattened angular lava clasts
to 3 mm diameter (and originally coarser), accompanied by sporadic
sand-sized feldspar crystals/crystal fragments (calcite-stained,
albitised) in a pervasively sericite-stained, microcrystalline,
feldspathic matrix with faint relict microshard textures (mean 10-20 μ).
These latter features persist only in chlorite-stained, sericitic
pressure shadow areas and are obliterated elsewhere by the slaty
cleavage. Lithic clasts are mainly feldspar-porphyrific lava, but there
are a few clasts with faint vitric tuff textures and a few are clearly
pumiceous despite marked (and somewhat preferential) silicification.
These features suggest, but do not necessarily confirm, a subaerial
origin.

Minor carbonate (dolomite) veining is evident and predates some
shearing (i.e. pre- or early syntectonic). These veins range up to
750 μ in width, with incipient displacements along the cleavage planes.
They include extremely rare subhedral sphalerite crystals (max. 500 μ)
and locally spongy blebs of ?tetrahedrite.

T 29738 (T.S. 31174) K-stain negative.

This is a low-grade sericitic metapelite, essentially a shale with thin,
silty interbeds. The rock has a vague, weakly tuffaceous or volcanomict
character, and includes disseminated, weakly remobilised sulphide of
syngenetic character. Relict sedimentary features indicate subaqueous
deposition.

JCP 216

73-6m.

The shale consists of near-massive, orientated sericite with thinly
disseminated, silt-sized relict clastic quartz grains and rare clastic
muscovite flakes. The subordinate silty interbeds range from 250 μ to
1.5 mm in width and tend to be concentrated into zones up to 5 mm
wide. These contain relatively abundant clastic quartz, accessory
degraded feldspar and traces of muscovite in addition to frequent
leucoxenic semi-opaques (partly concentrated into "microplacers").
The matrix is largely sericite, but some bands are distinctly dolomitic.
A few bands include traces of tourmaline of authigenic character.
Clastic quartz and feldspar grains often show characteristic splintery
shapes, typical of devitrified/mildly abraded microshards.