

the relatively silty bands. Accessory carbonaceous matter is partly re-organised into crude flakes in response to the incipient metamorphism.

The rock carries 2-3 % Fe-sulphide as fine particles and crude microscopic lenses of pyrrhotite orientated along a crenulation cleavage at a low angle to the primary slaty cleavage, which parallels bedding. Traces occur (with carbonaceous matter) healing thin micro-faults subparallel to the crenulation cleavage and there are rare late-stage discordant films of pyrite.

Close examination of the thin-section reveals no tangible tuffaceous features.

T 28374

(T.S. 29466) K-stain negative.

This is a devitrified, altered and sheared, weakly xenolithic dacitic lithic-vitric-crystal tuff, similar to 28371 and particularly 28372.

A probable ignimbritic origin is inferred and major features require little special comment. The sparse xenoliths consist of slightly silty, sericitic shale, closely analogous to those in 28371, but essentially absent from 28372. Sparse accessory quartz crystal fragments are present.

Alteration comprises mainly relatively marked sericitisation (largely pale green hydromuscovite) with accessory Mg-chlorite and carbonate (calcite). Sericite and carbonate were introduced in part on irregular, pre-tectonic veinlets. There are occasional post-tectonic microfaults, roughly normal to the slaty cleavage. These displace sporadic spongy pyrite aggregates and lenses.

T 28375

(T.S. 29467) K-stain negative.

This is an incipiently re-sheared, low-grade metapelite, essentially similar to 28373. The rock is laminated on a submillimetric scale and is an argillaceous (sericitic), dolomitic, weakly carbonaceous siltstone "grading" into silty shale with thin shaly partings throughout.

The clastic component comprises splintery to angular and subangular quartzofeldspathic material with minor accessory white mica flakes. In contrast to 28373, the quartzofeldspathic component is clearly volcanically derived, with recognisable shard fragments and weakly abraded feldspar laths, such that this rock has a certain re-worked tuffaceous character.