

Epidote-albite-pseudomorphed plagioclase phenocrysts are relatively abundant and tend to form glomerophenocrystal clusters (to 4 mm). Subordinate ferromagnesian phenocrysts are represented by epidote aggregates (pyroxene) and sporadic sheared epidote-stained chlorite lenses (?amphibole). Accessories include albitised alkali microphenocrysts, leucoxenised opaques and rare smokey apatite. The altered groundmass is closely analogous to that of 29876, but is relatively chloritic with a more pronounced slaty cleavage. As previously, chlorite, in part at least, represents retrogressed biotite.

This rock is weakly cognate xenolithic. Sparse, irregular veins of albite and chlorite transect altered plagioclase, but are weakly stressed and locally schistose. Rare oxidised pyrite grains are present.

29880

(T.S. 31977) K-stain positive.

5371900N

382 701 E

This is an altered porphyritic trachyandesite and is closely related to the previous examples (29870, 29876, 29877). The main contrast is a rather incipient slaty cleavage.

*Still Follow-up
oxid*

The phenocrystal assemblage comprises epidote-stained, albite-pseudomorphed plagioclase (mean 750 μ , weakly clustered) with subordinate, uralitised pyroxene (mean 500 μ) and rare albitised alkali feldspar. These are enclosed in a felsic groundmass with random to incipiently subtrachytic plagioclase microlites embedded in felsitic anhedral K-feldspar. Accessories are magnetite, leucoxenised opaques and rare apatite.

The groundmass is weakly but pervasively stained with ultrafine cloudy epidote and acicular tremolite-actinolite. Patchy chlorite occurs as a late replacement of uralitic actinolite; this rock is weakly stressed, but lacks a penetrative slaty cleavage.

29882

(T.S. 31978) K-stain negative.

5371900N

382 785 E

This altered porphyritic andesite is very similar to 29870, the main contrast lying in a relative paucity of altered ferromags and a very incipient slaty cleavage.

*Still Follow-up
oxid.*

Frequent epidote-albite-pseudomorphed plagioclase phenocrysts have a mean diameter about 1.2 mm. The subordinate ferromagnesian phenocrysts are represented by epidote (pyroxene) and weakly schistose quartz-tremolite-epidote aggregates (?amphibole). These are accompanied by sparse quartz-albite semi-pseudomorphs of microphenocrystal alkali feldspar (trend trachyandesite).