

Chloritised tremolite-actinolite is a minor accessory alteration phase. Sheared, irregular veinlets of quartz and albite occur sporadically.

29885

5371900N

383008E

Still follows up
Oxid.

(T.S. 31990) K-stain positive.

This relatively sheared porphyritic trachyandesite is weakly cognate xenolithic and somewhat pseudofragmental with analogies to 29886, 38501, 38511 and 38529. In thin-section, this is reflected in vaguely shard-like textures in a flattened, perlitic-textured groundmass.

The phenocrystal assemblage is normal, but with relatively abundant stressed, microgranular quartz pseudomorphs of alkali feldspar (sanidine-anorthoclase) and weakly chloritised uralite-pseudomorphed pyroxene (+ amphibole). The rock is weakly quartz-amygdaloidal. Cognate xenoliths are altered microdioritic types and range up to 3 mm diameter.

The sheared, microcrystalline perlitic groundmass is thoroughly stained with microsclitose, near-isotropic Mg-chlorite. Accessories comprise the ubiquitous magnetite, leucoxenised opaques and rare apatite.

29873

5371900N

382510E

Still follows up
Oxid.

(T.S. 31991) K-stain positive.

This is a weakly cognate xenolithic porphyritic trachyandesite. General features are closely analogous to the associated specimens and require little special comment. Accessories are typical. The groundmass

consists of pervasively chlorite- and weakly epidote-stained microcrystalline feldspar, weakly recrystallized and directed in response to greenschist metamorphism. A faint relict perlitic structure is evident locally, but is non-pervasive.

Epidote is relatively abundant as a pseudomorphous replacement of phenocrysts. It occurs with albite after plagioclase (mean 1 mm), but is accompanied only by minor traces of uralitic amphibole, where pseudomorphing the subordinate ferromags. Subradiating, semi-fibrous epidote infills sparse vesicles. These aggregates are partly fragmented by the slaty cleavage.

38515

5371600N

382541E

Still follows up
Oxid.

(T.S. 31992) K-stain weakly positive.

This rock is rather similar to 29873 and is similarly classified as an altered and sheared porphyritic trachyandesite.

Epidotised-albitised, prismatic, discrete to weakly clustered plagioclase phenocrysts are abundant and are sized in the 250 μ - 1.5 mm range. Subordinate phenocrystal pyroxene is pseudomorphed by epidote, and occasional epidote aggregates with thin albite selvages appear to represent accessory phenocrystal sanidine-anorthoclase on the basis of shape. Sparse microdioritic cognate xenoliths are similarly epidotised and albitised, but may include a little chloritised uralitic amphibole.