The groundmass is weakly, but pervasively tremolite-stained, microcrystalline to microlitic plagioclase. An incipient slaty cleavage parallels a weak flow-fabric.

38501

5371700N
382455E
Scott Follow-up Grid

(T.S. 31985) K-stain positive.
This trachyandesite has a somewhat fragmental appearance, but is considered as a xenolithic porphyritic lava on relict textural grounds.

Relatively abundant, discrete to clustered, typically altered plagioclase phenocrysts and sporadic altered cognate xenoliths (to 3.5 mm) are present, but ferromags are represented only by rare, vaguely pseudomorphous chlorite aggregates. Accessories include magnetite, leucoxenised opaques, apatite and thinly disseminated, albitised alkali feldspar phenocrysts (max. 500μ). Together, these features comprise about 40 % of the area sectioned.

The groundmass is pervasively, strongly chlorite-stained and subvitric with a semi-pervasive, very fine-scale perlitic structure, somewhat deformed and fragmented by a weak slaty cleavage. This enhances the fragmental appearance of the rock. However, there are no definite pyroclastic features.

38511

5371600N
382395E
Scott Follow-up Grid

(T.S. 31986) K-stain positive.
This rock can be closely compared texturally with 29886 and represents a relatively sheared perlitic porphyritic trachyandesite. The rock is weakly cognate xenolithic and, by inference, there are similarities with 38501. That is, it has a mesoscopic fragmental appearance enhanced by the slaty cleavage. As previously, however, there are no definite pyroclastic features.

The phenocrystal assemblage is typical, with abundant altered (epidotised, albitised) plagioclase, relatively minor epidotised ferromags and sparse silicified-albitised alkali feldspar. Together with the sparse similarly altered cognate xenoliths, these features comprise 40-50 % of the rock. The enclosing pseudofragmental matrix consists of pervasively chlorite-stained, microcrystalline/directed feldspar, with the deformed relict perlitic structure outlined in a flattened network of chlorite films.

Rare oxidised pyrite euhedra accompany the otherwise typical accessory assemblage.

38528

5372300N
382610E
Scott Follow-up Grid

(T.S. 31987) K-stain weakly positive.
This is a relatively strongly epidotised, but in other respects typical, porphyritic trachyandesite.