

Sparse lava clasts (max. 500 μ) are present, and the rock trends towards a tuff lava. An incipient slaty cleavage parallels a faint relict flow-fabric. General features are consistent with an extrusive lava.

T 29981

5368 500 N

381 505 E

STIFF

(T.S. 31160) K-stain very weakly positive.

This is an altered lava flow breccia of andesitic affinities. It consists essentially of a randomly sized assortment of angular to subangular lava clasts (1 mm - 1 cm+), partly moulded onto one another and elsewhere with a secondary interclast matrix. Clasts show a dimensional preferred orientation reflecting flow, and weakly enhanced by an incipient tectonic fabric.

Textures are reasonably homogeneous, typically with altered feldspar (epidote-stained, albitised) and subordinate ferromagnesian (epidotised pyroxene, amphibole) phenocrysts in a similar altered microcrystalline, feldspathic groundmass. Some carry random to orientated (trachytic) feldspar microlites and the majority are at least weakly amygdaloidal. A few are weakly K-feldspathic ("trachyandesitic").

The alteration assemblage comprises albite and epidote with accessory quartz and chlorite. This forms the sparse matrix, infills vesicles, replaces phenocrysts and locally forms discontinuous veins (weakly sheared).

T 29801

5372 000 N

382 910 E

STIFF

(T.S. 31161) K-stain negative.

This rock is a greenschist-altered porphyritic dacite, consisting essentially of altered, discrete to clustered plagioclase phenocrysts in a pervasively chlorite-stained and mildly sheared, microcrystalline, quartzofeldspathic groundmass.

Phenocrystal plagioclase has altered to sericite- and weakly chlorite-stained albite pseudomorphs, and is partly fragmented by the slaty cleavage, with glomerophenocrysts segmented into crude lenticular bands. Phenocrystal quartz is absent, but this rock includes rare leucoxene-stained, chloritised ferromags (?amphibole) and rare grains of apatite of phenocrystal habit.

The slaty cleavage intersects a weak relict flow-fabric at a low angle and crenulates sparse quartz-albite veinlets. Leucoxenised accessory opaques are evenly disseminated throughout the rock.