

Two variants of the lavas occur in the West Jukes Peak, South Jukes area -

- a) quartz feldspar phyric, massive with fine groundmass, foliated, all feldspars have been chloritized. Best exposure located between Pyramid Peak and South Jukes Peak.
- b) flow banded rhyolite, fine grained siliceous, lacks phenocrysts. Associated with spherulitic ash (spherulites to 75 mm), quartz phyric ignimbrite/crystal tuff and minor hematitic siltstone. These lithologies exposed on SW side Intercolonial Spur and at West Jukes Peak - Pyramid Peak where it is apparently unconformably overlain by Owen Conglomerate, but contains hematitic siltstones, lithologically similar to the Owen). At latter location the lavas have undergone hematite sericite alteration.

3. Snake Spur Garfield River Volcaniclastics.

This sequence of fine-coarse grained volcaniclastics with minor rhyolitic lavas and ignimbrites forms a wedge like body thickening to the SW. At Jukes Range absent, Snake Spur 75-100 m and at Garfield Flannigans 200-300 m thick. Outcrops are located on limbs of two synclines, underlying the Owen Conglomerate at Snake Spur and Flannigans Creek.

The lithologies are best exposed in the Garfield River for 2 km upstream of Flannigan's junction. The sequence may inter-