

21 thin sections of core from Mt. Bischoff were prepared by Central Mineralogical Services of Adelaide. The thin sections were examined with petrological and stereobinocular microscopes. The results are appended to this volume.

## 9. RESERVES

Reserves have been calculated on a section by section basis. Average grades of drill intersections have been calculated for various cut-off grades. Reserve blocks have been assigned to each intersection and terminate half-way between intersections or, for drill indicated, 40 metres from the drill hole, whichever is the shorter distance. For the drill inferred category a maximum distance of 80 metres has been used (this applies to porphyry reserves only). Each block has a 20 metre width (i.e. half-way to the adjoining sections). The volumes for each block have been converted to tonnes by multiplying by the specific gravities:

Dolomite Sulphide Lode	:	S.G. of 3.5
Porphyry	:	S.G. of 3.0

A cut-off grade of 0.3% Sn has been used for the Dolomite Sulphide Lode reserves. It is estimated that using a 0.2% Sn cut-off or a 0.4% Sn cut-off would only vary the reserves by about 10% to 15%. For the porphyry reserves, figures have been calculated at 0.2%, 0.3% and 0.4% Sn cut-off, since the tonnage and grade variations are quite considerable.