

## 2. REVIEW OF EARLIER WORK

The investigation on the Mount Bischoff area for the Aberfoyle Tin Partnership commenced in January 1963 when Anderson & Hopwood (geologists) carried out a structural analyses of the Mt. Bischoff workings and extended this to include the Giblin and North Valley areas. This work was reported in February 1963 by Hopwood & Anderson (1). In this paper and accompanying plans and sections the authors indicated the complexity of the folding, which they believed could be simplified by analyses of small sub-areas. The main feature that came forward was the postulation of a major north south fault which had downthrown the sediments to the west which implied the main lode horizon (dolomite) existed at depth in the Aberfoyle Tin Partnership area.

They established a stratigraphic sequence for the sediments in the main Mt. Bischoff old workings, which consist of alternating shales and quartzites, with a dolomite layer representing the lode horizon. This dolomite horizon, the locus for ore replacement, had been recognised by Reid (2) and its structural position to the south had been inferred by Knight(3) as the logical position for future exploration. Both Reid and Knight were of the opinion that the dolomite horizon did not continue to the west, due to erosion, but Hopwood & Anderson's postulation of a major fault would allow the lode horizon to be non outcropping and lying at depth in the western section of Mt. Bischoff area. They recommended that additional work was required to check the structures to the west and south west of the major fault and also further exploration to ascertain if the dolomite band outcropped.

In February 1964 Glasson (4) reviewed the exploration carried out both on the No. 6 level of the Mt. Bischoff extended area and the regional mapping which had been carried out that summer. He indicated that since the dolomite bed could not be located to the west of the fault and the stratigraphic sequence proposed by Anderson & Hopwood seemed to be valid, then drilling from the No. 6 adit should be undertaken to check the stratigraphic sequence at depth. It was expected that this drilling