formation surrounding Mt. Bischoff, (Plate 3), is non-magnetic however this area is too small for the author to be certain that there is not some activity which is masked by the anomalies associated with the enclosing formations. The tertiary basalt to the north-east could confuse the magnetic interpretation of the area.

There are eight magnetic anomalies over this area which Corbett et al (1982) have described.

Zone 11 3 km north of Kelly Basin; an isolated magnetic high in the Gordon Limestones with a probable source of a buried extension of Western Sequence of the Mt. Read Volcanics.

Zone 12 Pine Cove Creek; an oval shaped magnetic high which correlates with a basalt outcrop.

Zone 15 Tully River; a cluster of anomalies which have been interpreted as dolerite boulders in Tertiary beds. These anomalies should be identified on the ground as the dolerite boulder explanation is difficult to accept.

Zone 16 Badger River; a circular region of magnetic activity which correlates with a younger dolerite. The area was equated to Zone 54 Northridge Creek and Pieman River; which have a similar magnetic response over a dolerite.

Zone 17 Bottle Creek; was not positively identified. This anomaly should be located on the ground.

Zone 18 Melody Creek; was identified as a felsic volcanic rock. This anomaly is similar to Zone 19 and both warrant field investigation.

Zone 19 Professor Range; has not been identified however, detrital magnetite in sandstone has been suggested. A Turair electromagnetic anomaly was recorded over the south of this linear feature, Howland-Rose (1973), however the response was not investigated. The magnetic anomaly turns back on itself to the north suggesting a possible anticlinal structure, (Plate 5). Parallel to the magnetic anomaly and displaced 500 metres to the north-east, a Turair electromagnetic conductor was recorded during the same survey. These conductors were rated poorly although it is possible that the survey flight line direction, which was east-west, did not couple with the conductors to give a good response. The anticlinal interpretation of the magnetics would infer a shallow dip to the north-east. This area may warrant reviewing.