

6.0 CONCLUSIONS & RECOMMENDATIONS

The relinquished part of E.L. 12/78 has been thoroughly prospected with two regional stream sediment surveys and regional rock chip sampling. No areas of interest were outlined by this work. Five stream sediment anomalies were located and later attributed to cassiterite concentration in alluvium of Quaternary and Recent age. The origin of an isolated anomaly - the Bark Creek Anomaly - has not been fully explained although an alluvial source is postulated.

An aeromagnetic survey flown by BHP in 1979 failed to locate anomalies worthy of detailed followup in the relinquished area. One anomaly - the Wolfram Magnetic Anomaly - was gridded and soil sampled but no hardrock geochemical expression was ascertained. NE trending linear anomalies are attributed to Devonian diorite/dolerite dykes with magnetic susceptibilities of  $2,000 \times 10^{-5}$  cgs units.

The ground was relinquished on 15/9/84.