

### 3.7 Huxley Area (P.A. Roberts)

This is another relatively unexplored part of the E.L. In 1982-83, detailed gridding and ground geochemical surveys were carried out over an area north of Mt. Huxley. This work indicated several prospective zones within the gridded area and suggested that the area south of the grid may justify further attention. Given the time constraints on the E.L., it was decided to defer following up the grid results and instead assess the areas further to the south while there was sufficient time to bring any attractive prospects there to the drilling stage by 1985/86.

As a result, geological contractor, Roger Poltock, was employed to carry out some reconnaissance mapping and geochemical sampling in the South Huxley area during a five day period in February, 1984. The aim of this work was to obtain reconnaissance geologic and geochemical coverage east of Mt. Huxley and to check some anomalous gold values obtained in Conglomerate Creek in the vicinity of the Mt. Ellen gold workings.

The results of Poltock's work are described in his report (Appendix 5). Factual geology, geochemical results and interpretative geology are presented on Figures 36-38, 39-41 and 42 respectively. Briefly, his work showed that:

- (1) The sequence of rocks exposed south of the Huxley grid and east of Mt. Huxley comprises unaltered acid volcanics, probably ignimbrites. In general, stream sediment values were disappointingly low, the only exception being anomalous