

In addition two honours projects were completed which are relevant to exploration at Golden Ridge, these are by;

- Taylor 1992, a structural traverse across the Mathinna Group mainly east between Golden Ridge and the east coast.
- Capp 1992, structure, litho-geochemistry and controls on gold mineralisation at Evercreech and Golden Ridge. A summary of the thesis is included in Randell March 1992.

#### 4. EXPLORATION COMPLETED BY MPI

##### 4.1 BLEG Geochemistry

The Billiton stream sediment sampling survey (Randell 1991) was extended and infilled. Additional sampling was carried out in the headwaters of the Scamander and Avenue Rivers and Brilliant Creek. Active stream sediment was collected and separated into a -80# fraction for multi-element geochemistry and a -16# fraction for Cyanide leach (BLEG) at Analabs, Burnie.

Anomalous results have been plotted at 1:25,000 scale, with the Billiton samples also shown (Figure 2).

Appendix 1 contains analytical results.

##### 4.2 Surveying

East Coast Surveying of St Helens were contracted to install a 50m x 50m to 50m x 25m grid over the Golden Ridge prospect. All pegs are labeled with AMG eastings and northings, and a relative level (RL). A contour plan was also generated.

The topographic contour plan of the Golden Ridge prospect is shown as Figure 3.

##### 4.3 Geological Mapping

At Golden Ridge compilation of existing data and additional geological mapping at 1:1000 scale was carried out in order to define controls on mineralisation at the prospect and define drilling targets.

The data compilation and fact geology is shown on Figure 4.