

4.4 Soils and Rockchip Geochemistry

Previous soil sampling at Golden Ridge by Billiton was re-plotted. Figure 4 shows simplified soil contours.

Additional soil sampling to follow up BLEG anomalies was carried out at Risky Ridge and in the headwaters of the Queen of the Earth Creek. Samples were collected from the B horizon on 50m spaced centres. A total of 105 samples were collected with the -80# fraction submitted to Analabs, Burnie for Au, Cu, Pb, Zn and As analysis.

Soil sample locations are shown on Figure 2.

Soil sample results are contained in Appendix 1.

Rockchip sampling was carried out at Golden Ridge and the Double Event prospect.

Rockchip sample locations are shown on Figures 2 and 4.

Rockchip sample results are contained in appendix 1.

4.5 Drilling

Several programmes of diamond drilling were carried out at the Golden Ridge prospect. Diamond drilling was initially designed to test a north-east trending fracture/quartz stock work system which had been previously worked as the Brilliant and New Golden Ridge workings, and has been the subject of geochemical sampling and RC drilling by Billiton (Shell Metals) (Figures 2 and 3). The previous work by Billiton produced wide, low grade costean results (eg 34.5m @ 1.37 g Au/t) and some RC drilling intersections which MPI considered may be indicative of a high level quartz vein stockwork which may develop into a higher grade sheeted vein system overlying granite at depth.

Ten diamond drill holes have been completed by MPI under the main areas of workings at New Golden Ridge and Brilliant, for a total of 2125m.

NQ diamond drill core was split on site and submitted to Analabs, Burnie for Au by fire assay and Cu, Pb, Zn, As analysis. Some anomalous samples were re-submitted for W, Bi, Sb, Te, Mo, Ba, Ag analysis.

Figure 5 shows diamond drillhole locations and a surface projection of assay results.