

5.3 VOYAGER 24

i) Grid Geology

The central portion of the gold drainage anomaly covering the most anomalous values was selected for gridding and detailed prospect development. The position of the grid is shown on fig 22.

This grid is located over the upper part of the Wart Hill Pyroclastics covering a sequence of rhyolitic tuffs, lavas and minor sediments. The interpretive geology map (plan 86) shows a number of stratigraphic units generally striking NE-SW and dipping steeply to the north west. Details of the major rock types are given below (from the stratigraphic top down).

1. Fine crystal tuffs: Consist of a sequence of re-worked fine rhyolitic crystal tuffs with occasional beds of conglomeratic tuff and black shale. Cross bedding in the crystal tuff indicates a north-west facing sequence dipping at about 80° . The conglomeratic tuff horizons contain rounded pebbles 1-3cm of siliceous volcanics in a crystal tuff matrix. Scouring at the base of the horizon also indicates a west facing sequence. An horizon of pyritic black shale outcrops in the creek between 9500N and 9700N and represents the stratigraphic top of the Voyager 24 succession. A similar black shale was exposed in rubbish pits 1km north, at the camp site, 379 000E, 5 248 800N.