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GOLD EXPLORATION

5.1. INTRODUCTION

Field work in 1979/80 defined a zone of anomalous gold values over the upper (western) portion of the Wart Hill pyroclastics about 3km south west of Wart Hill. the gold values in the minus 80 mesh samples ranged from 50 to 3000ppb and covered an area of about 1sq km, subsequently designated Voyager 24. This area was followed up in detail in the 1980/81 season to determine the bedrock gold distribution, and ultimately the source of the anomalous gold drainage.

The following programme was completed:

- a) - Panned concentrate drainage sampling to define the full extent of the gold anomalies.
- b) - Gridding an area of 1.3km x 1.0km on 100m line spacing over the central section of the gold drainage anomaly (Voyager 24).
 - Detailed geological mapping of the gridded area.
 - B-horizon soil geochemistry on the grid to determine Cu, Pb, Zn and gold distribution.
 - Reconnaissance lines of magnetics, IP and SP.
 - Detailed gradient array IP over the grid.
 - Drilling of a 130m stratigraphic hole.
- c) - Reconnaissance grid lines and Jacro geochemical sampling at the southern end of the drainage anomaly (VOYAGER 30).