

1.6 1982-83 SUMMER EXPLORATION PROGRAMME

The programme, reported herein, was designed to locate and define drilling targets in the 'Wart Hill Pyroclastics' which appear to constitute the upper part of the (primary) acid volcanic sequence in the Elliott Bay area; analogous to the upper part of the 'Central Lava Belt' further north.

The programme included:

- (i) Approximately 100 line km of Induced Polarization Survey. (50m dipole, 200m line spacing.)
- (ii) Completion of C-Horizon geochemical sampling over the area covered by the IP Survey. Total of approximately 2690 samples.
- (iii) Approximately 55 line km of ground magnetic traverse over the southern part of the gridded area.
- (iv) Detailed geological mapping/remapping of the Voyager 9, 24, 30, 33 and 34 areas. (Figure 2)
- (v) Extension of heavy concentrate drainage sampling around the Stoney Creek Microgranite.
- (vi) Infill IP survey, close spaced C-Horizon sampling and backhoe trenching over some geophysical/geochemical anomalies defined by the previous surveys.
- (vii) Resampling/follow up of zinc drainage anomalies in lower part of Copper Creek.