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2. SUMMARY

Exploration in E.L. 27/76 during the 1982-83 summer field season was aimed at definition of drill targets within the 'Wart Hill Pyroclastics', which are considered to have accumulated in a geological environment favourable to the formation of massive sulphide deposits of the 'Rosebery type'.

The principal exploration method was systematic Induced Polarization survey (50m dipole on 200m line spacing) over some 25sq km of the favourable lithologies.

Systematic C-Horizon geochemical sampling, ground magnetic survey and detailed geological mapping (1:2500 scale) was completed over the same area.

Limited follow up evaluation, involving infill IP (100m line spacing), close spaced C-Horizon geochemical sampling and backhoe trenching, was carried out over some of the anomalies detected by the regional IP survey and previously known geochemical features.

Assessment of the combined data has resulted in recognition of three IP/geochemical anomalies which warrant diamond drill testing.

An additional eight zones of IP or geochemical interest require further infill work to allow full evaluation and drill target definition.

Recommendations are given for testing of the indicated targets, regional prospecting over possible extensions of the favourable lithologies and further detailed investigation of the environment of high grade massive Pb-Zn-Ag sulphide mineralization at Voyager 19.