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8. A total of 358 rock samples were collected during the reconnaissance regional mapping to aid in later correlation for the geological map preparation. All rocks are in storage at Geopeko Limited, Devonport and their field locations are described on Sheets KT 27/76 5D-8D included in the folder of this report.

21 samples selected from throughout the area were thin sectioned and petrographically described by I.R. Pontifex and Associates, Adelaide. The samples were of representative rock types, altered rock types and rocks where the field determination was vague. The locations of the thin sectioned samples are recorded on the geological maps, Sheets KT 27/76 5A-8A in the folder of this report.

A selection of 80 rock samples, diagnostic of areas containing significant chlorite or sericite alteration and visible sulphide mineralization was despatched to A.C.S. Laboratories, Adelaide for geochemical analysis. Cu, Pb, Zn, Ag, Mn, Cd and Fe were determined by A.A.S. techniques, As was analysed by the modified Gutzeit method and Sn by Emission Spectrography. A total of 19 samples were reanalysed for Sn by X.R.F. methods and 7 samples, selected on their anomalous As results, were analysed for low level Au by the C.R.A./A.A.S. method. In addition 4 samples were selected on their resulting Pb and Zn analyses for Semiquantitative Emission Spectrographic analysis schemes E.S.1-4 and E.S.6. The sample numbers, locations and assay results are recorded on the geological maps Sheets KT 27/76 5A-8A enclosed in the folder of this report and in numerical order as appendices No's. 7, 8, 9 and 10.

9. 94 soil samples, including 11 duplicates were collected from 83 holes during the C-horizon geochemical programme over the Voyager 1 and Voyager 2 prospects. Experience within E.L. 9/74 (Birch Inlet) had shown that for geochemical sampling purposes - the optimum sample depth was 2.0 metres or bedrock.

Soil sampling was carried out by a Jacro 200 auger rig mounted on the rear of a Muskeg Bombardier. Holes inaccessible to the drilling rig were hand augered to refusal.