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The sample book numbers (KS series), method of preparation and analysis and the analytical results are tabulated in Appendices No's 11, 12 and 13.

Maps presenting the contoured Cu, Pb and Zn results of the C-horizon auger programmes carried out over the Voyager 1,2,3 and 9 prospects, together with maps showing the soil sample locations and auger hole depths, are enclosed in the folder of this report and listed in detail in the contents.

Rock Sample Analysis

In conjunction with the detailed geological mapping and stream sediment sampling, during the 1976-77 regional evaluation of the southern portion of E.L. 27/76, a total of 358 rock samples were collected.

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. 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 the resulting Pb and Zn analyses for Semi-quantitative 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 17/76 5A - 8A in the folder of this report. The method of preparation, analysis and the results, recorded in numerical order are included as appendices No's 7, 8, 9 and 10.