

073

Soil sample numbers (KS Series) and auger hole depths are shown on Sheet KT 27/76 V1-7.

Geology.

Sheet KT 27/76 V1-2 presents a detailed geological interpretation of the Voyager 1 Area. In addition to the many rocks identified and plotted during the reconnaissance geological mapping (1976-77) and the Voyager 1 Area grid mapping (1977-78) 141 rocks were collected for closer macroscopic study after diamond sawing. The plan location of these samples is shown on Sheet KT 27/76 V1-6, the rocks are in storage at Geopeko Limited, Devonport.

Rock chip samples from the 287 C-horizon auger holes were also logged to aid in the geological map compilation. Sheet KT 27/76 V1-8 displays in symbolic format the rock chips geology.

In total 7 rock samples from this area were despatched to I.R. Pontifex and Associates, Adelaide for petrological examination. Appendix 14, Mineralogical Report Number 2261 provides details of this study.

All grid traverses and outcrops within the Voyager 1 Area were geologically mapped at 1:5,000 scale. Sheet KT 27/76 V1-2 displays the results of the 1:5,000 scale mapping together with the replotted 1:10,000 scale reconnaissance geological results.

The Voyager 1 area consists of a unit of Lewis River Volcanics immediately west of the Low Rocky Point granite body extending from the coastal exposures of that granite in the south, north to the Lewis River.