

VOYAGER 4 (381,800 E, 5 244, 700 N. A.M.G.)

Gridding

Two parallel reconnaissance tape and compass traverses orientated at approximately 67° (Mag) and spaced 100 metres apart were established during the 1976-77 field season to enable ground geophysical investigations of the Geoex (1975) airborne E.M. anomaly No 18. A total of 1650 metres of gridding was completed.

Sheet KT 27/76 7A details the reconnaissance grid layout at Voyager 4.

Geochemistry.

Although no prospect geochemical evaluation has been carried out to date, the creeks and streams within this area were tested during the 1976-77 regional stream sediment sampling programme.

An anomalous Cu, Zn response is present immediately south of Voyager 4 and approximately 600 metres north of the prospect several anomalous Cu, Pb and Zn results occur.

Rock sample KR 3494, an example of porphyritic quartz-feldspar rhyolitic lava containing minor pyrite, reported background values of 10 ppm Cu, <20 ppm Pb and 30 ppm Zn. Complete analytical results are tabulated on Sheet KT 27/76 7A and presented in Appendices No's 7,8,9 and 10.

Geology.

Sheet KT 27/76 7A presents a geological interpretation of the Voyager 4 prospect based upon the 1:10,000 scale reconnaissance mapping programme.