

4.6 VOYAGER 26

i) Introduction

Voyager 26 defines an area of anomalous airborne EM and magnetics centred on AMG 375500E, 5251500N and which were located as a result of the 1975 Geoex Survey. The anomalies are located in an economically favourable stratigraphic position being on strike to the copper-mineralization which was observed in an dolomitic horizon at Copper Creek on the coast (Voyager 18).

Voyager 26 was graded as priority number 6 for the field season (Large, 1981) with gridding soil sampling, mapping, magnetics and ground EM technique as the recommended follow up procedures.

The area falls within the densely forested area immediately south of the Mainwaring River approximately equidistant between Wart Hill and the coast. The ground work was conducted by a contract team and a summary of this work follows. For futher details the reader is referred to Poltock (1981).

ii) Geology of the Voyager 26 Grid

An area of approximately 800m x 1000m was gridded by way of 3x400m spaced grid lines. The grid is located at the contact between basic volcanics with siltstones and black pyritic shales which are assigned to the Veridian Point Volcanics of the Mainwaring Group (Large, 1981).

Although outcrop on the grid is generally poor the soil type, magnetic and geochemical characteristics have enabled the recognition of 3 distinct lithotypes (see plan 75a).