

INTRODUCTION

1. Exploration Licence 27/76 was granted to Geopeko in January 1977. The E.L. occupies an area of 329 square kilometers and is centred on the Elliott Bay area of South-West Tasmania (figure 1).

Progress on Geopeko's exploration of the area has been reported by Strickland (1978, 1979) and by Large (1981). This report details the exploration which was completed during the field season from December 1980 to April 1981. During this period field operations were run from a semi-permanent field camp which was established at the edge of the forest some 2km SSW of Wart Hill (AMG 379 750E, 5 250 800N). The camp was located in a central position to the areas of geological interest which had been defined in the course of the previous season's exploration (Large, 1981). Field personnel at the main camp ranged from between 8 and 18, in addition to 2-3 people based in a mobile drilling camp. The centralisation of the camp enabled all the field work to be carried out on foot by personnel walking to their respective work areas. Heavy vehicles were used only for auger soil sampling and transporting bulky geophysical equipment. Vehicle tracks were therefore kept to an absolute minimum.

The exploration program consisted of:

1. Drilling of two 200m diamond drill holes on geophysical/geochemical targets defined in the preceding season. A third 'stratigraphic' hole was drilled to 100m and is to be completed in the forthcoming field season.
2. Approximately 80 line km of grids was surveyed over areas of geological interest in the Wart Hill Pyroclastics.