

1. INTRODUCTION

This report covers the exploration activity of the Stage 2B Programme, for which the budget was drawn up and agreed upon in October, 1979. Field work commenced in November, 1979 and was completed in June, 1980. The on-site personnel comprised two geologists, one technician and two field assistants.

The main objective of the programme was to firm up the previously estimated reserves (3,566,000 tonnes at 0.69%Sn) by closer spaced diamond drilling. An approximate 40 x 40 metre grid was used for the Dolomite Sulphide Lode reserves, and an 80 x 80 metre grid for the Porphyry. To supplement this new drilling information, all the "old" core in the dolomite horizon was re-logged and standardised with the current geological nomenclature.

Closely related to the drilling programme, metallurgical studies were carried out at AMDEL on large diameter (HQ) cores obtained within the two mineralized rock types. These studies were designed to obtain detailed mineralogy of the rock types and to test both gravity and flotation metallurgical techniques on them.

Some regional exploration work was done on areas covered by airborne magnetic anomalies remote from Mt. Bischoff itself.