

## 1. INTRODUCTION

Following the Stage I beneficiation study of the Mt Bischoff tin ores completed in November 1979 (AMDEL Report OD 3437/79), Metals Exploration commissioned AMDEL to continue with the Stage II investigation. Project Proposal 5/0/3387 was prepared and submitted for consideration by the Client in January 1980. It was officially accepted in February 1980. The Stage II beneficiation study commenced on 12 February 1980.

During the course of investigation, there were various amendments and additions made to the originally proposed test programme. These were all instituted according to the instructions received from the Client. Three progress reports were issued for the investigation and these were dated 24 April, 11 June and 23 July 1980 respectively. Test results obtained during the intermediate stages of the Stage II investigation were presented in the progress reports together with a review of progress each time.

This Final Report contains all the test results which were previously submitted in the three progress reports and also the relevant discussions, conclusions and recommendations.

The primary objectives of the Stage II investigation were to establish the nature and mode of occurrence of tin minerals in the porphyry and sulphide-rich ore samples and to study their response to conventional and unconventional tin beneficiation processes.