

been drawn to act as a base for the compilations. Topographic bases at 1:50,000 have been prepared by Getty and are available. Technical and Field Surveys Pty. Ltd., were contracted to compile a plan presentation and card file index of all known mineral occurrences in the study area. The data were compiled from Mines Department open file records and from a comprehensive listing prepared by G. Drake of Getty from E.Z. and Mt. Lyell company files. This presentation is essentially complete and requires only final checking for accuracy of data. A start has been made on compilation of geological data. A special legend for 1:50,000 scale geology presentation has been drawn up. The programme calls for the production of a fact geology plan and an interpretive bedrock geology plan, with separate compilations showing distribution of glacial cover, structural interpretations, alteration assemblages, geochemical data and geophysical data.

#### 5.9.2. LANDSAT STUDIES

Technical and Field Surveys Pty. Ltd., were contracted to produce a lineament study of the West Coast Landsat images. Two lineament bases were produced at 1:100,000 scale. These were small scale lineaments, of which approximately 2,500 were identified, and large scale, image-wide, lineaments. Various statistical treatments of these lineaments were undertaken in an attempt to identify populations and trends. A report on the project has been written but final plan presentation on the standard 1:50,000 scale format remains to be produced.