

014

ii) Sheets. 11 & 32

Topography which is contoured in feet was derived from the photo-enlarged Lands Dept. 1:20 chain plans.

Cultural detail which post dates the photography (January, 1975) used for the topographic mapping by Associated Surveys has been added to sepias of the original base sheets. This data has been plotted from the following sources:

- i) 1:2,000 scale topographic plans obtained from the Hydro Electric Commission e.g. Pieman Access Road.
- ii) E.Z. Survey Dept. tachometric surveys e.g. Stitt Access track.
- iii) E.Z. Geology Dept. tape and compass surveys e.g. Sterling River access track.
- iv) Recent aerial photography enlarged to plan scale e.g. logging tracks in White Spur area (Jones Creek).

6.2. Aeromagnetics

Pre-existing aeromagnetic coverage of EL 1/62 is indicated below:

- i) Rio Tinto Australia (in Joint Venture with E.Z.) produced the first aeromagnetics coverage of EL 1/62. This information has not been used for Joint Venture plans.
- ii) Scintrex Turair E.M. surveys (1972). The aeromagnetics produced during the Turair surveys were plotted at 1"=20 chain photomosaic scale. Subsequently these plans were photoenlarged to 1:10,000 scale and plotted on the original (1973) 1:10,000 scale plans. The data was then replotted on the new 1:10,000 scale plans. There are obvious problems with the accurate matching of the 1978 aeromagnetics with the Turair aeromagnetics which are due to the method of replotting the Turair aeromagnetics at 1:10,000 scale.
- iii) Scintrex Aeromagnetics (1973). This data was originally plotted at 1:10,000 scale on the photo-enlarged 1" = 20chain topographic base and is reasonably compatible with the newer topographic base.
- iv) Geotrex Input (1975). The aeromagnetics data collected during the Input Survey flown for Comstaff Pty. Ltd. has not been used on the Joint Venture areas as the data is less detailed than the Geopex or Scintrex data and has a distorted photomosaic base.