

5. PREVIOUS WORK

5.1 Work Completed Sept. 1988 to Aug. 1989

RGCE acquired a major holding in the central north of Tasmania around Moina/Lorinna. Five adjacent tenements were explored as a single coherent block. Work completed on EL 8/88 has been reported jointly with that completed on EL 36/88.

An infill gravity survey was completed by the Department of Mines.

A comprehensive review of the regional aeromagnetics (Shell 1980 survey) and gravity data was completed by Dr. D. Leaman. It was a worthy exercise on a broad scale. Structures were recognised that could act as conduits for mineralising solutions. A model of the granite roof form and the location of possible Tertiary deep leads resulted. Responses within the data over known mineralisation sites led to similar responses being identified remote to these. However, no specific target areas were generated. The collection of a more detailed data set was recommended. An aeromagnetics survey planned for April, 1989 was cancelled due to severe magnetic storm disturbances and deteriorating weather conditions.

A regional programme of geological mapping, rock chip sampling and minus 200 mesh/panned-concentrate stream sediment sampling was completed by contract geologist Wally Herrmann. The mapping was undertaken at 1:10,000 scale. A number of rock chip samples were collected, but only five (5) covered by ELs 8/88 & 36/88 were submitted for analysis. 84 stream sediment samples were submitted for analysis to Becquerel Laboratories for neutron activation analysis, 30 elements were assayed for. The