

8. DIGHEM SURVEY

8.1. Work completed

An airborne E.M. magnetics survey was conducted by Dighem Limited during February 1982. Two areas of interest were flown over the license areas. Coverage included:

- 1) Waxman and Westons and Sweeneys Areas - Five test lines to determine the signature of the alteration and mineralisation in these areas.
- 2) East End SPL 129 - Forty-two lines averaging 150m apart. Area covered 4km x 6km.

Dighem Limited has forwarded a full report on the survey to which the reader is referred. The contoured magnetics plans from these areas are included in this report (plans 19, 21). A corresponding 1:10,000 geological map of the area is also included (plan 20).

8.2. Results and Discussion

- 8.2.1. Test lines. The test lines showed negligible EM or magnetics response over both Waxman and Westons and the Sweeneys areas.
- 8.2.2. East End SPL 129. The purpose of flying the Dighem survey over this area was to search for Queen Hill style conductors. A Turair survey flown over Queen Hill in 1973 showed a weak to moderate EM response over outcropping mineralisation. The survey also revealed a strong magnetic anomaly over the Queen Hill area. [Howland-Rose (1973) Turair airborne EM and magnetics survey, EL 47/71; Queen Hill, Zeehan,