

6.0 WORK CONDUCTED, OCTOBER 1994 - OCTOBER 1995

Although the licence was not technically granted until June 1995, some environmentally unobtrusive work commenced, along with exploration on Resolute Samantha's adjacent leases, in October 1994. In the 12 months since then work in the licence has consisted of the following:-

- Compilation of historical data and previous exploration results.
- Image enhancement and interpretation of newly acquired (Tasmanian Government survey) aeromagnetic data
- Stream sediment (BLEG) sampling over areas of prospective rocks. A total of 44 samples were taken with all samples nominally 2 kg of - 2 mm active stream sediment. All samples were assayed for Au using the BLEG technique (24 hour bottle roll) with a split assayed for Ag, As, Sb, Cu, Pb and Zn.
- Reconnaissance mapping and rock chip sampling in the Tyne River East area and to a lesser degree the Lucky Creek area in the far north of the licence. A total of 40 rocks were assayed for Au and As with 30 of those taken in a traverse through a zone of hornfelsed siltstone in Tiger Gully Creek. Au was analysed using fire assay/AAS with As analysed using acid digest/AAS.

7.0 RESULTS

7.1 *Compilation Historical Data and Previous Exploration*

The historical data on old workings in the licence area is summarised in Bottrill (1992) and Taheri (1992). None of the old prospects referred to appear to have potential for company sized deposits though field visits were made to the prospects in the Tyne River East area.

Compilation of previous modern exploration revealed that the area recognised by Leaman's interpretation (in Nolan, 1990) of the available aeromagnetic data as having a magnetic response comparable with "mineralised" areas at Mangana, Mathinna and Alberton, is drained by a creek (Tiger Gully Creek) with a weak to moderately anomalous stream sediment BLEG sample from Newcrest's limited sampling (Pearson, 1993).

Leaman also recognised the existence of granodiorites underlying part of the old EL 55/88 (Nolan, 1990).

7.2 *Image Enhancement/Interpretation of Aeromagnetics*

The newly acquired (Tasmanian Government survey) aeromagnetic data was enhanced and interpreted by John Ashley of Southern Geoscience Consultants of Perth WA.

John Ashley's interpretation (including 'Contours of Total Magnetic Intensity' and 'Interpretation Plan', each at 1:50,000) is included as Appendix A.