

000

572001

89-3035

EXPLORATION LICENCE 34/85 + 6/88

Annual Report for the Year Ending September 1989

During the year a grid was established around the Copper Reward workings North of the Toner River and South West of Mt. Bolton. The grid straddles this Exploration Licence and ~~34/85~~ 6/88

Access tracks now exist from the end of the Sumac Road and Sumac 14 into the Exploration Licence with the track from the Sumac Road going directly to the Toner grid.

Anomalous gold geochemical results were obtained from the grid and from a few other sites around the grid. Some basic geophysics was carried out on the grid which detected numerous magnetic anomalies and one self potential anomaly. The magnetic anomalies appear to be related to the strike of the rock and maybe due solely to magnetite enrichment or depletion during deformation.

The self potential anomaly coincided with one of the gold anomalies and is close to the old Copper Reward workings but sufficiently removed for the shaft to have missed the bulk of the mineralised zone. Other gold anomalies maybe associated with disseminated rather than massive sulphides which would be detected by Induced Polarisation.

Within the exploration licence area there are numerous areas of potential mineralisation where the soil is clearly discoloured and or where there are major fault intersections visible from aerial photographs. these will not be investigated until more information is available from the Toner grid regarding the mineralisation that is causing the geochemical and geophysical anomalies.

A small drilling programme is now planned of three holes each 150 metres long. Two will attempt to intersect the self potential anomaly and one, a nearby magnetic anomaly. If there is any evident mineralisation in the recovered core, a down hole E.M. survey will be carried out to better define an ore body.

At the same time as the drilling programme is being carried out, the grid will be extended, any nearby areas of interest will be investigated and an I.P. survey will be carried out over the grid.

It had been planned to start the drilling in mid October but because of the difficulty in flying staff to Tasmania due to the pilots' strike, the programme has been put back until the end of the year.

B.R. Harrison

B.R. HARRISON

OPEN FILE

See 89-2969
for basic data.
FR

MICROFILMED