

The mineralisation is almost entirely buried beneath fluvioglacial material thus obscuring the geology and rendering soil geochemistry useless.

It is recommended that the Murchison River Grid be extended to the north and east to the Tullah Town Boundary and most of the fluvioglacial overburden covering the contact between the Mt. Black Volcanics and the Farrell Slates. The grid should be surveyed with ground magnetics at 10m intervals in order to map out magnetic zones which may be related to pyrrhotite which in turn appears to be related to tin mineralisation. The use of dipole-dipole I.P. over magnetic anomalies would help differentiate between wide, mafic dykes and narrow sulphide zones and indicate the depth of the sources.

Soil sampling and mapping of isolated areas where outcrop exists is necessary to acquire as much geological input as possible.

A structural interpretation of aerial photographs may help define favourable fault zones which could control tin mineralisation.

Diamond drilling of coincident magnetic and I.P. anomalies beneath glacial overburden is recommended.

All work should be completed before 1983 when the Bastyan Dam is due to commence filling.

6.2. Farm Creek

In the absence of encouraging results from the detailed work carried out this past field season the only work recommended is test pitting, as outlined for two unnamed grids at Mt. Sala.