

SHEET 10 CONTD.Magnetics.

In the vicinity, east of PP 74, there is a suggestion of a possible NW-SE trending fault and branching of serpentinites into two separate pods.

It is the second, eastern pod mentioned, which ends just north of PP 123 near the E-W transgressive linear, so that faulting is also suggested by magnetics. Just to the north west, pinching of the main magnetic trend also coincides with the linear.

There is a major NW-SE trending fault intersecting Cambrian-pre-Cambrian junction fault south of PP 74, which coincides with magnetic high trend with highest intensity magnetic anomaly (north tip of Sheet 14) of the order of 3500 gammas which tends to occur in the acute angle of this intersection. This type of tendency is observed elsewhere, although no universal applicability can be extended to it.

Asbestos Point, Line No. 657, Frame No. 5111, was mapped by Basil Taylor, who shewed that the serpentinites here differ from those at Beaconsfield and Zeehan-Rosebery by the absence of veins of magnetite. He states that disseminated chromite and magnetite are common. Taylor noted that these serpentinites failed to outcrop a few chains south of the point, where Main Creek crosses the belt of serpentinites.

Photo faults show clearly that the serpentinite belt is faulted out here and magnetics support this.

As far as can be seen this magnetic trend is of much lower magnitude, although it is possible that it may be of higher magnitude over Macquarie Harbour to the north. Between PPs 123 and 122 there is a possible further pod with much lower magnitude of the order of 800 gammas. It should be observed therefore that there may be an association between these magnetic highs to the north and south, as there is a remote possibility that portions of the serpentinites rich in asbestos are correlated with lower magnitude anomalies.

A N-S fault, east of PP 122, appears to be reflected in magnetics, whilst further faulting and linears to the south, also appear to provide cause-effect relationships with the magnetics.