

The aeromagnetic anomaly over Colebrook Hill represents no more than the combined magnetic effect of an area of narrow pyrrhotite veins, the anomalies of which add together, to produce a relatively broad and isolated anomaly at flying height.

Although some traverses show long wavelength components in the magnetic anomaly character, this is what would be expected from the combined effect of a large number of thin magnetic sources which extend from near surface to probably considerable depth.

Likewise electrical methods show no evidence of a deeper conductive body, nor would this be expected given that the responses due to the extensive shallow sulphide mineralisation would swamp responses from deeper sources.

Drilling targets could be defined to test further geophysical anomalies in the immediate Colebrook Hill area, but there is no geophysical evidence to suggest that intersections significantly better than those obtained in DDH's 228, 229, and 230 would be achieved, either at depth or near surface.

This does not mean however that drilling should not proceed on geochemical and/or geological grounds. While there is no positive evidence for the existence of a deep body, nor is there evidence that would preclude it.

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The Olympic/Athenic Area

An intense and relatively isolated magnetic anomaly striking NNE is situated close to the Athenic and Olympic workings.

This anomaly may warrant testing for the following reasons:

- a) based on the results of previous drilling it is likely to be due to pyrrhotite mineralisation.
- b) it is situated very close to old workings which systematic sampling has shown to contain high tin values. These workings would not have intersected the causative magnetic body.