

by a number of positive features:

- (a) The area is underlain by dolomitic siltstones of the Carbine Hill Greywacke, a possible host for carbonate replacement mineralization.
- (b) The presence of outcropping, fracture controlled, base metal sulphide mineralization containing traces of tin and strong As-Pb-Zn soil geochemical anomalies both suggest that the upper portion of a zoned tin mineralized system is present here.
- (c) A strong, broad magnetic anomaly in this area may reflect one or more pyrrhotite orebodies at depth, possibly associated with a granite cupola with a hornfelsed magnetic margin.
- (d) V.L.F.-E.M. anomalies in the vicinity of the magnetic anomaly may reflect mineralized faults which could be stanniferous at depth.

Clearly the results of reconnaissance surveys in this area were most encouraging and have highlighted its potential for sulphide-rich, carbonate replacement tin orebodies.

(4) South Confidence Saddle

The prospectivity of this area is highlighted by the following features:

- (a) Tourmalinization and hornfelsing of rudaceous conglomerate.