

THE ULTRABASIC BELTS CONTD.

(iv) Ground follow-up, which has commenced in the vicinity of 10/3b and 10/4a, is well situated in an interesting magnetic area with respect to marginal and terminal anomalies and within reasonable access of the narrow band suggested for checking in (g).

(v) Because of its distinctive nature it is suggested that later checking of the Settlement Belt should be undertaken.

II SHEET 20.(a) Previously Selected Anomalies.

Ground investigations have commenced on two of the previously selected anomalies but only very preliminary information is to hand.

20/5: This anomaly is now reported to be localized near a sheared sandstone horizon within Ordovician Owen conglomerate; the sheared sandstone resembles the Lyell schists near Queenstown. This results in an increase in favourability.

20/6: It appears probable that slates and tuffs are responsible for the magnetic lows and basic lavas for the magnetic highs.

(b) 20/8: If further areas on this Sheet 20 are required for later checking, this is one which could be considered. It was not selected previously because of its close correlation with drainage and rather broad nature. However, the E.M. response only occurs along part of the river in the vicinity of a major change in direction of the river. The E.M. trend conforms with the magnetic curving and crosses the Lyell Shear near the position where it starts to flex to the north-east. L 563, mark 715.

(c) Western Margin of Sheet.

The western edge of the complex magnetic high region (compare PP. 121 and south) has not been specially mentioned previously. Magnetics suggest a lithological change which would conform with a major fault, trending NNW-SSE, similar to the faulting on the eastern side but does not necessitate such faulting.