

INTERPRETATION

The previous interpretation appears to have taken the magnetic data as being caused by a single anomalous mass, and because of the potential field nature of the magnetic data, a reasonable fit was achieved. But this is not the only possible interpretation.

In order to understand the magnetic data more clearly, the data north of 5367000N, which related to the geological sections, were plotted as profiles.

The profiles indicate numerous high-frequency anomalies, i.e. they have high amplitudes and narrow widths. This implies a shallow depth, probably of less than 50m. Combining a series of narrow bodies with variable dips (as suggested by the geological sections) it is possible to reconstruct the total magnetic profile. This has been done for the six profiles that were replotted. The data has not been modelled using a computer as this would take a longer time (and higher cost). At this stage probably as much value can be gained from the graphical interpretation; and if necessary a more rigorous interpretation can be applied to selected lines at a later date.

The interpretation is considered for each profile.