

581

significant interline variation between lines.

In the extreme north-east of the surveyed area, the strike is distinctly north-east/south-west.

Discontinuities..... Two distinct sets of discontinuities have been inferred from both the H_N and chargeability data. The difficulty in recognising such differences where the whole area is composed of a large number of *individual* current dipoles *within which* the H_N and chargeability data is *relative*, should be recognised. Nevertheless it is the author's opinion that these two sets of discontinuities represent real features.

The *first* and most prominent series, are two approximately grid north-south zones between lines 300E and 400E (X), and between lines 700W and 800W (Y). Now *both* also coincide with current dipole boundaries, which of themselves would be expected to produce variations between lines, however, the differences logged are so marked, that they are not considered to be primarily due to changes caused by array position, This may, however, have assisted in the exaggeration of these changes.

The causes could be flexures, monoclines or faults.

The *second* series are four north-west/south-east trending dislocations which are marked on Plate 3 as Weste's, Askins, R and S. The relative merit appears to be in that order also.