GENERAL COMMENTS ON THE CONTOUR INTERPRETATIONS OF CHARGEABILITY AND RESISTIVITY

The area can be divided into three distinct regimes as shown on Plate 3, which represents a compilation of the major features defined on the chargeability and resistivity contour maps.

The suggestions made as to the origins of the geophysical characteristics observed are based on geophysical data only. No geological information was available at the time of writing.

The Western Zone

The characteristics of this zone are:-

1 - Apparent resistivities averaging about the 700 ohm-metres (±) level, but ranging between 150 ohm-metres and 1000 ohm-metres.

2 - High background chargeability of the order of 40 to 44 millivolts/volt, with many local increases to 60 millivolts/volt and higher within this zone.

3 - Decay forms which are always slower than normal, and within certain high chargeability zones, exceptionally slow (to +40%).

4 - The strike of individual events appears to be grid north south, parallelling the contact with the central zone south of 6000S, but north of that line, the contact veers to the north-north-east by about 25°- 30°. This is clearly seen in the chargeability data but less so in the resistivity data. The explanation for this divergence between the strike of the chargeability features and the contact is not known but an uncomformity or fault is