

**SCINTREX**

091

zones to 7000 ohm-metres(+). Only in the south-eastern section of this distinct unit does the chargeability rise *within* the high resistivity zone. (This unit has been described in the line description as chargeability unit X and resistivity unit A).

The eastern 'transitional' zone varies from 100 metres to 300 metres in width and is characterised by a transition in resistivity from over 2000 ohm-metres(+) to the west to less than 10% of this level to the east. In the south, this zone is accompanied by distinctly higher chargeabilities of up to twice those seen to the immediate west, while to the north they tend to be only slightly higher. Significant induced polarization anomalies occur within this zone on lines 5357300N and 5375400N (moderate) and on lines 5375500N and 5375600N (strong) in close proximity to the contact with the eastern chargeable/conductive unit. Distinct dextral displacements occur which might represent faults, folding, or even facies changes. (This unit has been designated chargeability unit Y and resistivity unit B in the description).

The most easterly unit is characterised by low resistivity of 40 ohm-metres to 220 ohm-metres, with high chargeability always above 20 millivolts/volt and mostly above 30 millivolts/volt. The strike of the units is east of grid north south, with dextral displacement being very noticeable. The origin is thought to be formational, perhaps graphite, with individual maxima representing local segregations of chargeable material.

*DIPOLE-DIPOLE DETAIL*

Dipole-dipole detail was surveyed over three lines. These are discussed in