

SCINTREX

to a contact between rocks which have a sharp contrast in electrical properties. The maximum depth to source is not greater than about 100 to 140 feet at this point. A small 55 millivolts self potential anomaly (not plotted) was recorded over the anomaly also, which indicates that the source traverses the local water table. This chargeability shows a normalised decay form ΔMn of about 11%, which indicates a coarser than normal grain size to the source.

To the south, a comparison of the profile forms for apparent resistivity, very clearly infers that the chargeability response on line 5600S at 875E corresponds to the position 1080E on line 6400S. However, there is no significant chargeability response at this point. Thus, while a 250 feet sinistral flexure or fault is inferred between these lines, the significant chargeability response at 1580E (Zone B) is considered to be a quite separate body.

To the north of the major response on line 5600S, the correlative based on resistivity, is at 790E. A rise in background chargeability at 750E by about 5 millivolts/volt to 24 millivolts/volt having normal decay form and minor self-potential anomalism only, is considered the correlative. The depression in resistivity to 2700 ohm-metres from 4000 ohm-metres(+) to both east and west shows the source to be less resistive than the enclosing rocks, but not *conductive* as such. The maximum depth to source is about 100 to 120 feet.

To the north and south on lines 4000S and 7200S, no significant responses were recorded.