

## SCINTREX

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best.

Relative to a background of the order of 6 millivolts/volt at 379800E(+) and at 380700E(+), two anomalous zones were reduced. The most westerly was seen on  $n = 1$  to 3 centred at 380050E(+), while the second was centred at 380450E(+) on  $n = 3$  to 4. In addition higher than background values of 12 to 16 millivolts/volt were recorded at 380250E  $\pm$ 50E  $\pm$ 100 metres on  $n = 1$  with markedly lower values of 2 millivolts/volt on  $n = 3$  and 4. This is interpreted as a near surface chargeable layer within 100 metres of surface situated *between* 380100E and 380400E. The near surface chargeabilities are lower at 1700 to 2500 ohm-metres, than background (3500 ohm-metres+), thus the source is less resistive than the enclosing rocks, however, it cannot be considered conductive as such. *The form of the anomaly is reminiscent of the near surface sources defined on the Pinnacles grid.*

Between 380400E and 381600E the background chargeability remains a low 10 millivolts/volt or less, while the resistivity ranges within the range 6000  $\pm$ 2000 ohm-metres. There are no significant anomalies within this zone.

East of about 381900E the background chargeability increases to 20 millivolts/volt  $\pm$ 4 millivolts/volt, and very minor increases in this background were noted at 382100E, 382400E and 382700E which are considered variations in background only. Within this zone a shallow weak source could be interpreted at 382700E-382800E within 100 metres of surface. The source would be disseminated and of tertiary interest only.

The only truly significant anomaly was defined between 383200E and 383600E.