

SCINTREX

grid north south. The low background area is characterised by background resistivities of 3000 ohm-metres +1000 ohm-metres for the most part, while resistivities of less than 1000 ohm-metres are common. The fall-off in resistivity as the increase in chargeability (from west to east) is approached, generally (but not always) occurs some 100 metres west of the sharp increase in chargeability.

A detailed line by line description follows.

Line 5375100N The resistivity data shows three distinct units:-

(A) between 384000E to about 384400E the resistivity remains above about 2000 ohm-metres.

(B) Between about 384420E and 384600E the resistivity gradually falls from 2000 ohm-metres(+) to 250 ohm-metres(+) and,

(C) Between 384600E and the end of the line at 384900E, the resistivity remains below 250 ohm-metres.

The chargeability also shows three divisions but they do not coincide with those for resistivity. They are:-

(X) 384000E to 384275E low chargeability, 12 millivolts/volt (+)

(Y) between 384275E and 384600E, higher chargeability to 20 millivolts/volt (+2 millivolts/volt) and,

(Z) East of 384000E a very steep rise in chargeability to levels exceeding 40 millivolts/volt.

Each of the zones A to C and X to Z represent marked changes in electrical characteristics and therefore changes in rock types.