

trend of the Ordovician sediments underlying the basalt cover to be north-west/south-east to west-north-west/east-south-east for the most part.

4 - The chargeability observed over the skarn zones is high, but is somewhat eclipsed by the unexpectedly high responses from sections within the Moina Sandstone unit.

5 - Chargeability background over the basalt cover remains fairly uniform between 10 and 12 milliseconds, which can be considered to be normal. Within these limits, higher backgrounds were noted for some hundreds of metres around two main areas:

[A] Centred at about 500S for 200 metres east and west of 200E, and about 200 metres wide,

and

[B] For some 200 metres around 650E/250S.

With regard to [A] above, two mutually perpendicular (FIG 1) electrical soundings carried out at 050E/500S inferred some 20 to 30 metres of conductive (60 ohm-metres) basalt cover to be present overlying resistive (1000 ohm-metres) Ordovician sediments below. An analysis of the chargeability data from these soundings inferred a chargeable source at a depth of the order of 50 metres. Thus the observed increase in chargeability background observed IS due to