5.6.3. Dipole-Dipole IP Responses

As noted in section 4.1.2. the 'southern areas' of the regional IP survey display more chargeability-resistivity 'character' than the north.

There is a pronounced arcuate zone of erratic high chargeability-moderate resistivity adjacent to the eastern and south eastern margin of the 'Stoney Creek microgranite' more or less coincident with the strong magnetic anomaly.

It is likely that both the IP and magnetic features are related to observed strong chlorite alteration localized near a major fracture system. At least two anomalies in this area, deserve further investigation:

9200N/11100E-11300E

A very broad and complex chargeable zone with a resistivity low anomaly at depth and coincident with an 800nT magnetic anomaly (isolated to the north of the principal magnetic anomaly) located near intersection of fault structures.

8400N/11100E-11300E

The principal IP response is a strong Resistivity low with good depth extent. Coincides with Pb-Zn geochem anomaly and eastern flank of main magnetic high adajcent to major fault zone.

(See also Appendix I for notes on other IP responses associated with the south eastern magnetic anomaly.)