



## **ASX ANNOUNCEMENT**

3 June 2010

### **INDUCED POLARISATION SURVEYS INDICATE EXTENSION TO KEMPFIELD'S MINERALISED SYSTEM TO NORTH AND TO DEPTH**

A frequency domain Induced Polarisation (IP) survey completed by the International Nickel Company in the early 1970s was successful in identifying the mineralisation in the McCarron zone, BJ zone and Quarries zone at a shallow depth down to 150m below surface.

An IP survey using modern methods was recently completed with a view to trying to determine whether the mineralisation extended to depth. The results indicate that mineralisation does appear to extend to at least 500m below surface. The best chargeability anomaly is shown in the attached figures, at a depth of 300m.

Another strong to moderate anomaly is evident to the north and at depths well below any previous drilling. Both anomalies are along strike from already identified resources and both are co-incident with lead and silver soil anomalies.

These two IP surveys also indicate that the Kempfield Volcanogenic Mineralised System (VMS) appears to extend for at least another 1.2kms to the north of any drilling which would give it a strike length of almost 4kms.

Argent plans to drill a deep RC/Diamond cored hole to test the chargeability anomaly indicated at depths of 300m and 400m in the Quarries zone and to investigate the undrilled northern extension of the system. The Quarries zone hole is expected to be drilled within two months.



Figure 1

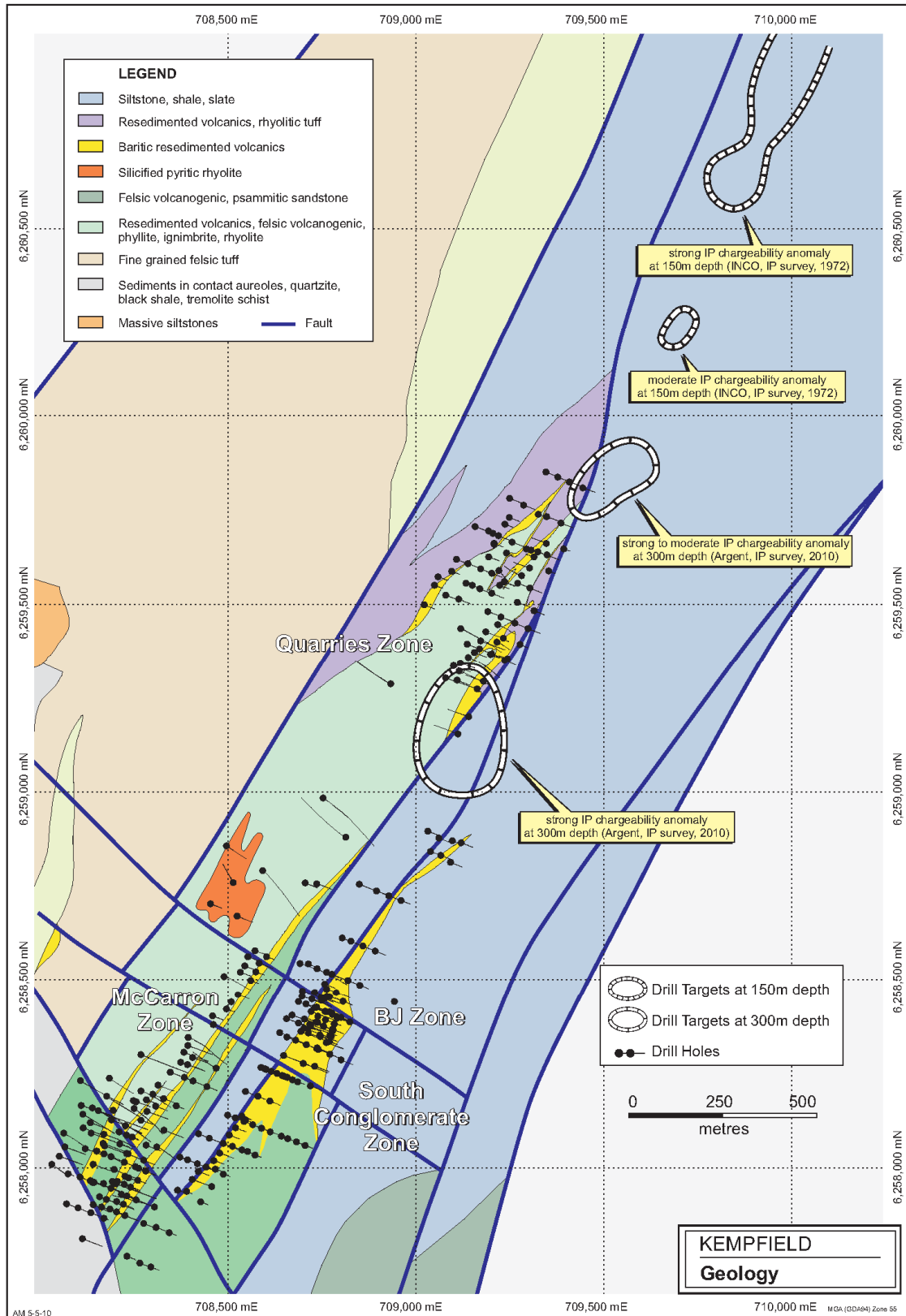
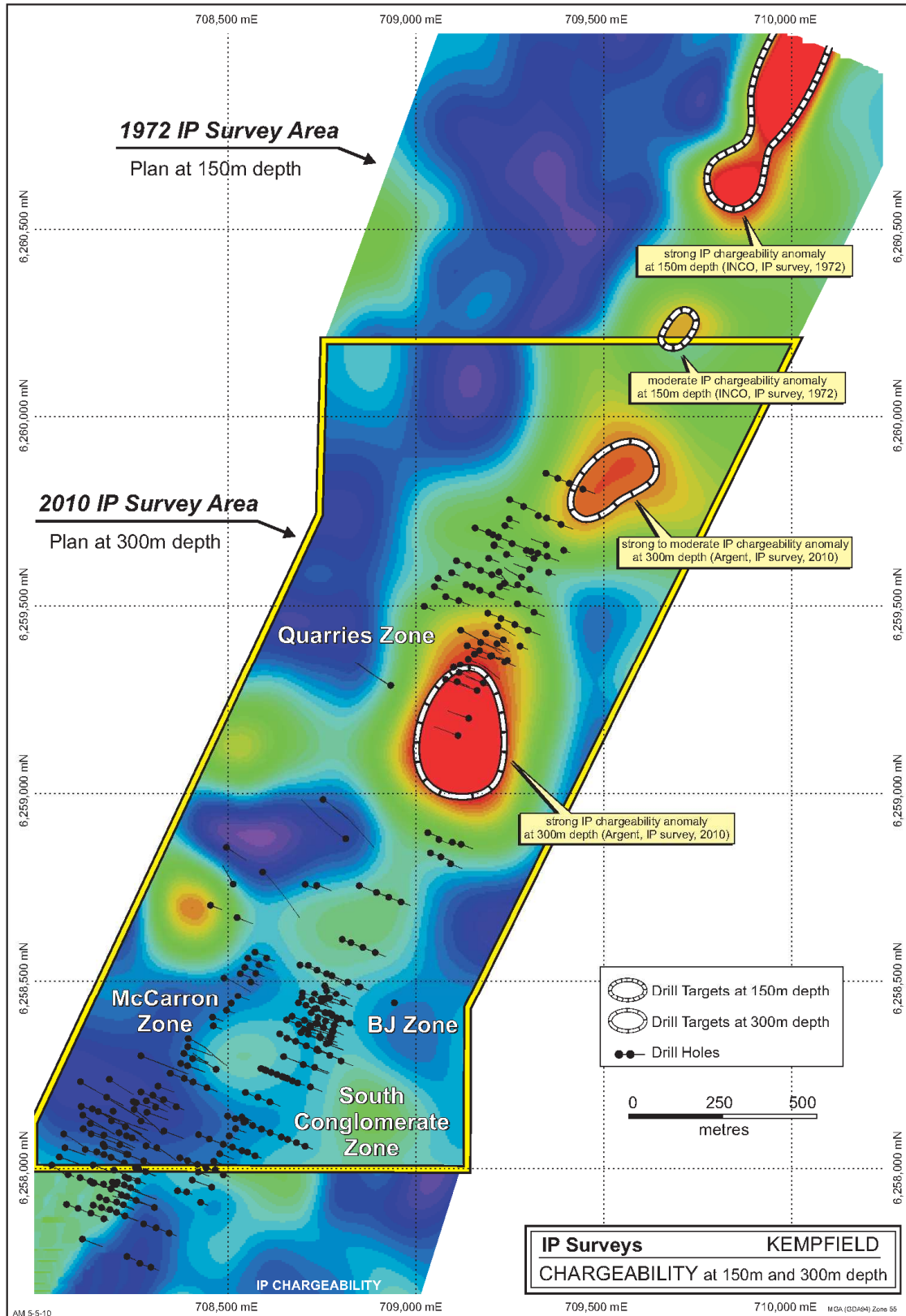




Figure 2





For more information:

[www.argentminerals.com.au](http://www.argentminerals.com.au)

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### **Competent Person Statements**

The information in this Report that relates to Exploration is based on information compiled by David Timms who is a member of the Australian Institute of Geoscientists, and a Technical Consultant to Argent, and who has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2004 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Timms consents to the inclusion in the report of the matters based on the information in the form and context in which it appears.