



4th March 2014

New government geophysical survey includes Paris silver field

- **Airborne electromagnetic survey undertaken by CSIRO and State Government for their hydrogeological studies through the Goyder Institute for Water Research**
- **Covers key exploration areas including the pathfinding Paris silver deposit**
- **Will assist exploration and development potential in the northern Eyre Peninsula**

A new airborne electromagnetic (AEM) survey was recently undertaken in the Paris district as part of the Goyder Institute's FLOWS project, through a CSIRO and South Australian Government's PACE Initiative, aimed at the better understanding of the groundwater and aquifer systems in the region.

The AEM survey covers parts of Investigator's Paris silver field and adds a new geophysical technique to Investigator's prior comprehensive geophysical surveys. It is expected to improve the understanding and prioritisation of silver lead and copper targets around Paris and assist all explorers with new target opportunities on northern Eyre Peninsula.

Investigator Managing Director Mr John Anderson comments:

"Investigator looks forward to seeing the results from the new CSIRO-South Australian Government airborne survey as it covers some interesting parts of the Paris silver field.

Using a state-of-the-art electromagnetic system, CSIRO and the State Government will not only provide valuable research on groundwater systems, they will also contribute to the upgraded mineral potential of the northern Eyre Peninsula with a better understanding of the Paris target signature to assist all explorers in the region."

Northern Eyre Peninsula airborne electromagnetic survey

The significance of the Paris discovery and regional minerals potential are recognised by the Geological Survey Branch of South Australia's Department of Manufacturing, Industry, Trade, Resources and Energy (DMITRE).

As part of the regional hydrogeological study being undertaken and funded through the Goyder Institute's FLOWS Project, the CSIRO and DMITRE (under the State Government's PACE Initiative) recently commissioned a helicopter-borne electromagnetic geophysical survey in the Paris district using the state-of-the-art VTEM (Versatile Time Domain ElectroMagnetic) system.

The AEM survey was acquired over long east-west traverses (Figure 1) by Geotech Airborne Pty Ltd in mid-February. This followed the recognition of the Peterlumbo palaeochannel (an old river valley infilled

with sediments below the current ground surface) in Investigator's drilling at Hector and links to other palaeovalley investigations as potential aquifers undertaken in the region.

As electromagnetic surveying can detect certain types of ore deposits as well as palaeochannels beneath the ground surface, additional AEM traverses were acquired as part of the survey over the Paris and Helen cluster of prospects to expand investigations of the mineralisation and overburden signatures. The survey will complement Investigator's prior geophysical surveys with magnetics, gravity and induced polarisation.

The AEM data will be available in about a month and may assist with a number of target scenarios in the Paris field (Figure 2) by:

- Establishing an electromagnetic signature for Paris-style deposits
- Investigating the Paris North-Argos trend and Helen prospect already upgraded by scout drilling
- Investigating the undrilled Helen East silver and Diomedes copper targets
- Assessing bedrock and drainage geometries at Alexander and Hector where scout drilling of strong soil geochemical anomalies produced poor but equivocal results
- Providing a subsurface profile of the Nankivel epithermal breccia prospect and conceptual porphyry target under Peterlumbo Hill both of which are now subject to heritage restrictions as hilly areas
- Reconnoitring the Odysseus magnetic and copper soil anomalies for skarn style deposits.
- Assessing the Buckleboo Fault that Investigator interprets to link the Paris and Wilcherry fields

These will add to a broader understanding of exploration parameters on Eyre Peninsula including the prioritisation of silver, lead and copper targets around Paris.

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Compliance Statement

The information presented in Figures 1 and 2, in this report is based on information that was prepared and first disclosed under the JORC Code 2004. The information has not been updated since to comply with JORC Code 2012 on the basis that the information has not materially changed since it was last reported.

The information in this report that relates to Mineral Resources Estimates at the Paris Project is extracted from the report entitled "Maiden Resource Estimate for Paris Silver Project, South Australia" dated 15 October 2013 and is available to view on the Company website www.investres.com.au. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements and that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. The company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.

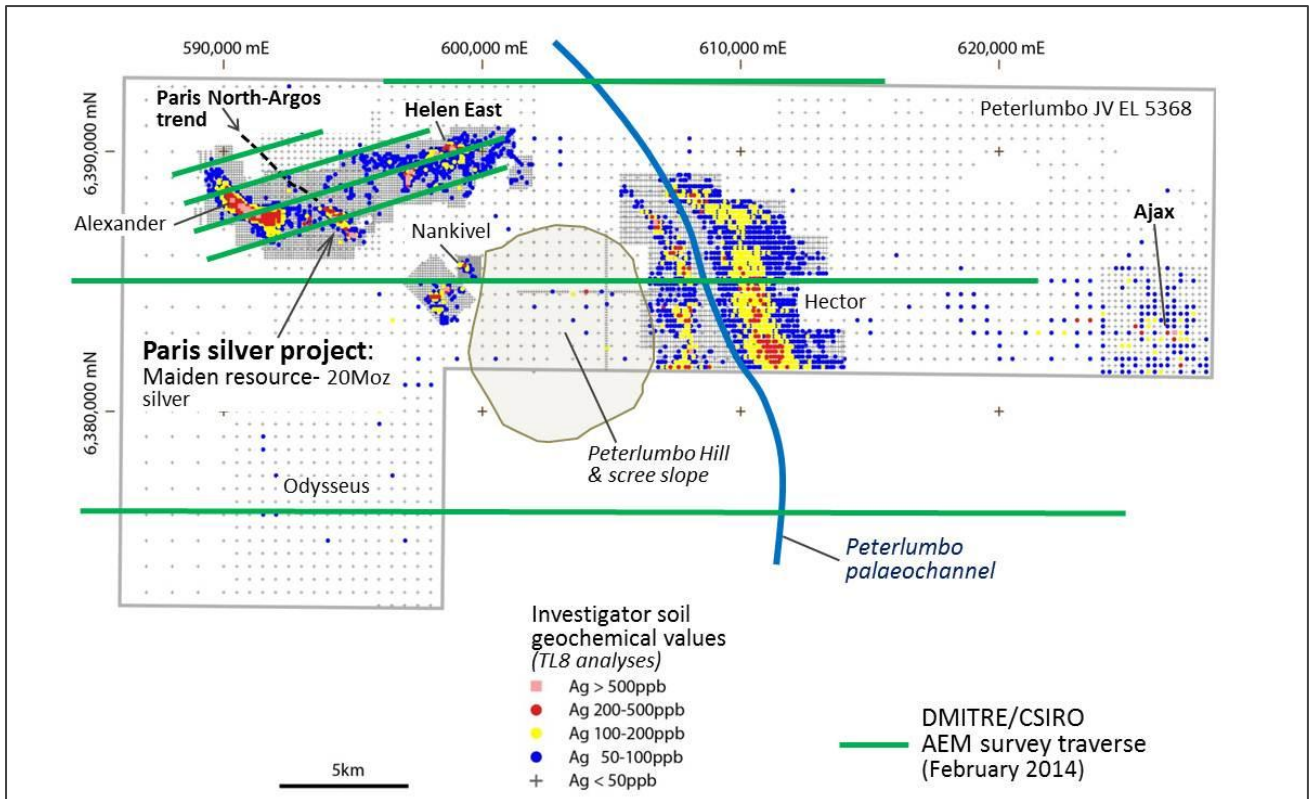


Figure 1: Plan showing new government AEM survey traverses in comparison with Investigator's joint venture tenement, silver-in-soil targets and interpreted Peterlumbo palaeochannel

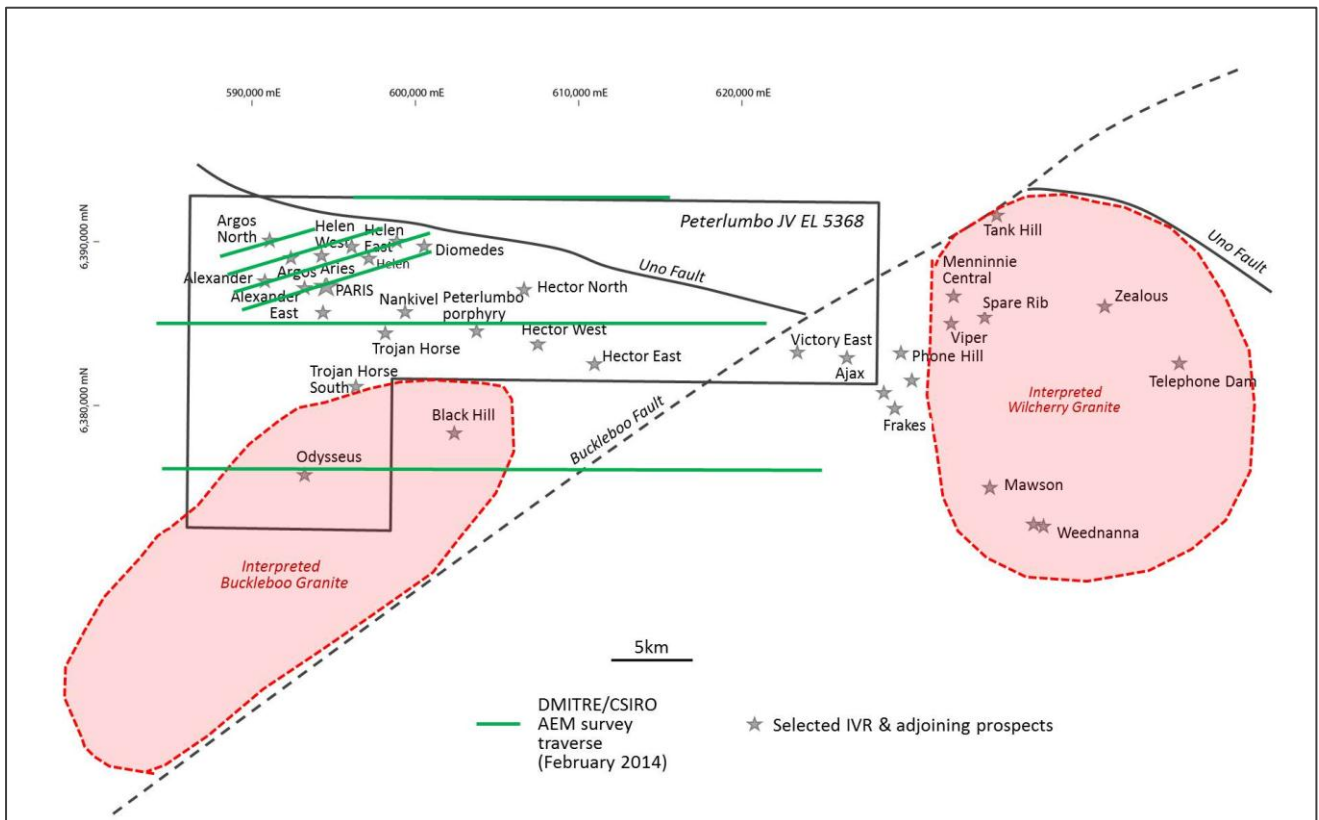


Figure 2: Plan showing AEM survey traverses in relation to prospects and key interpreted structures and intrusives

About Investigator Resources

Investigator Resources Limited (ASX code: IVR) is a metals explorer with a focus on the opportunities for greenfields silver, gold, lead and copper discoveries offered by the resurging minerals frontier in South Australia's southern Gawler Craton. The Company announced its maiden Inferred Mineral Resource of 5.9Mt at 110g/t silver and 0.6% lead, containing 20Moz silver and 38kt lead credit (at a 30g/t silver cut-off) in October 2013.

Investigator Resources has developed and applied a consistent and innovative strategy that defined multiple quality targets, including the Paris silver discovery within the newly-recognised Paris metal field, giving IVR first mover opportunities across the province.

The Paris mineralisation is considered to have formed at the same time as the Olympic Dam IOCG deposit and opens up new target potential for epithermal, porphyry and IOCG-style deposits in the southern Gawler Craton. This includes potential for copper gold IOCG deposits on Yorke Peninsula, where IVR recently announced the high-priority Roundabout IOCG magnetic target near Port Pirie.

The Paris prospect is the most advanced of five priority targets within the Paris epithermal field, located *circa* 400km northwest of Adelaide. The Paris field is situated largely within a 583km² tenement area secured under EL5368 "Peterlumbo". The Peterlumbo tenement area is subject to the Peterlumbo Joint Venture between Investigator Resources (holding 75% interest) and Mega Hindmarsh Pty Ltd (25% interest).

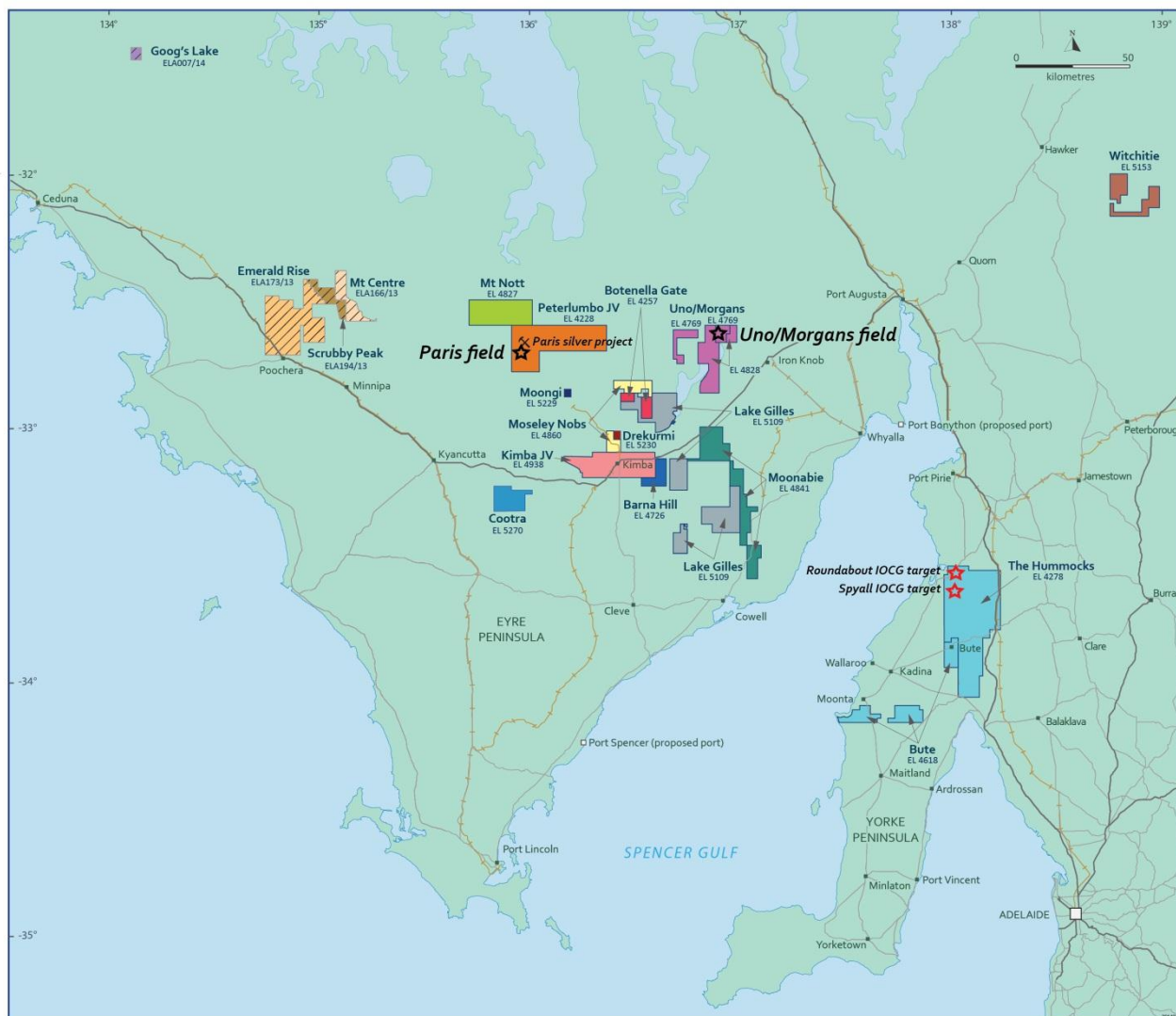


Figure 3: Plan showing Investigator Resources tenement holding and key projects