



20<sup>th</sup> July 2015

## Drilling of copper targets commences near Paris

- Skarn, breccia & porphyry targets being tested with 2,700m of drilling
- Potential recognised from geological setting and database around Paris silver deposit
- Supported by \$100k collaborative drill funding from South Australian government

Investigator Resources Limited (ASX Code: IVR) is pleased to announce that drilling has resumed within the Company's 100% held Peterlumbo tenement EL5368. The focus of this phase of drilling is large copper targets associated with the Paris epithermal silver deposit as new deposit styles for South Australia. The potential was firmed by the initial skarn copper intersection of 9m @ 1.14% Cu made in late 2014 at Helen (Investigator ASX Release: 18 September 2014), 3km from Paris.

The Company's priorities are to build on the Paris discovery by reviewing the 2013 maiden silver resource of 20Moz as well as seeking larger Company-making deposits in silver, copper and gold that conceptually may be situated within the minerals system around Paris.

Investigator's extensive magnetic and soil geochemical datasets have been used to select the best targets within the structural and intrusive framework developed from the Company's Paris know-how. Provision is made in the current drill program for 18-hole reverse circulation holes with the average drill depth of 150m. These will test five accessible targets with potential for large copper systems.

Investigator Resources Managing Director John Anderson said **"Since Investigator's breakthrough copper intersection at Helen, our geological team has been re-mapping, re-logging drillholes and re-interrogating the Company's extensive datasets. So Investigator is well positioned to predict where the next discoveries are to be made in our highly prospective tenements. Five priority copper targets were identified near Paris in previously heritage surveyed areas and are now being drilled with the cost effective slimline RC drilling successfully applied in prior programs.**

**Other copper targets and areas with potential for large silver deposits within the Peterlumbo tenement are being readied for heritage surveying with the objective of further drilling later in 2015."** Mr Anderson added.

As previously announced (Investigator ASX Release: 29 April 2015), the direct drilling costs will be 50% funded by a financial grant under the Plan for Accelerating Exploration ("PACE") Discovery Drilling 2015. This is a partnership between the South Australian Government and the minerals industry, designed to stimulate exploration in the State by providing grants to assist drilling in areas of new economic mineral potential for the State.

## The Copper Targets

The upcoming copper targets (Figure 1) were selected primarily on magnetically-defined structures and anomalies, plus copper-in-soil anomalies (Figure 2). The soil anomalies are all subdued by extensive cover variously of soil, talus and palaeo-drainage sediments. The model for the Paris minerals system indicates the Paris deposit and associated targets are preferably located where mineralising northeast rhyolite dykes intersect earlier northwest structures (Figure 1).

The main focus of the program is the Nankivel granodiorite intrusive and magnetic rim 1km to 3km east of the Paris Silver Project (Figure 2). The Nankivel granodiorite is interpreted to be an early intrusive situated centrally within the Paris mineral system. The Helen skarn intersection showed copper mineralisation is present and very likely to be directly associated with the Paris silver deposit. There is potential for more skarn copper gold silver deposits around the magnetic rim of the Nankivel Granodiorite (Figure 2).

The potential for porphyry copper gold deposits was also recognised from 2010 with the strong indications provided by the high-sulphidation alunite epithermal alteration in the volcanics and rhyolite breccias on Nankivel Hill (Figure 1), subsequently supported by the intersection of the Helen copper skarn. The 2011 to 2014 drilling for silver targets provides a valuable database for reassessing the potential for the copper-focussed targets. In particular, pathfinder analyses such as cerium provide vectors to hydrothermal centres.

Possible intrusive-centred porphyry or large breccia targets are proposed under the altered quartzite cover at **Peterlumbo** Hill, under the drainage cover associated with copper soil anomalies in the **Hector** palaeodrainage channel and at **Nankivel Central** within the Nankivel intrusive complex.

The Paris silver deposit occupies an interpreted NW-SE structural axis of subvolcanic vents and breccias that projects through the Nankivel Granodiorite and probably onto the Peterlumbo and Hector targets as shown on Figure 1. The structure gives an encouraging direct connection of the alunite indicator on Nankivel Hill to the soil-covered porphyry target postulated at Nankivel Central.

The copper skarn target on the demagnetised **Nankivel Shoulder** to the granodiorite rim lies along the northeast rhyolite dyke connecting the Paris silver and Helen copper deposits and is further supported by copper and gold soil anomalies.

Northwest trends within the coherent **Helen West** copper soil anomaly adjacent to the original Helen copper prospect will be tested for structural copper targets.

The copper-in-soil anomalies in the **Diomedes** area are associated with chlorite and mafic rocks and are being further assessed before further drilling.

## Strategy for the Paris area

The drilling of these accessible large copper targets is Investigator's second priority within the Peterlumbo tenement area with the first priority to review the 2013 Paris silver resource underway.

The third priority for application of available funds is the heritage surveying, refinement and drilling of other potential large targets within the Paris mineral system. These include copper targets on the eastern side of the Nankivel Rim; silver targets at Nankivel West and Argos along the Paris structural trend; and the concept of vertical high-grade silver deposits with small soil footprints at dyke intersections with the Uno Fault (Figure 1).

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**Investigator Resources overview**

Investigator Resources Limited (ASX code: IVR) is a metals explorer with a focus on the opportunities for greenfields silver-lead and copper-gold discoveries offered by the resurging minerals frontier in the southern Gawler Craton on South Australia's northern Eyre and Yorke Peninsulas.

The Company announced its maiden Inferred Mineral Resource for its 2011 Paris silver discovery 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 Limited has developed and applied a consistent and innovative strategy that defined multiple quality targets, including the Paris silver discovery and at least two other epithermal fields at Ajax and Uno/Morgans, giving Investigator Resources Limited first mover opportunities across the Uno Province.

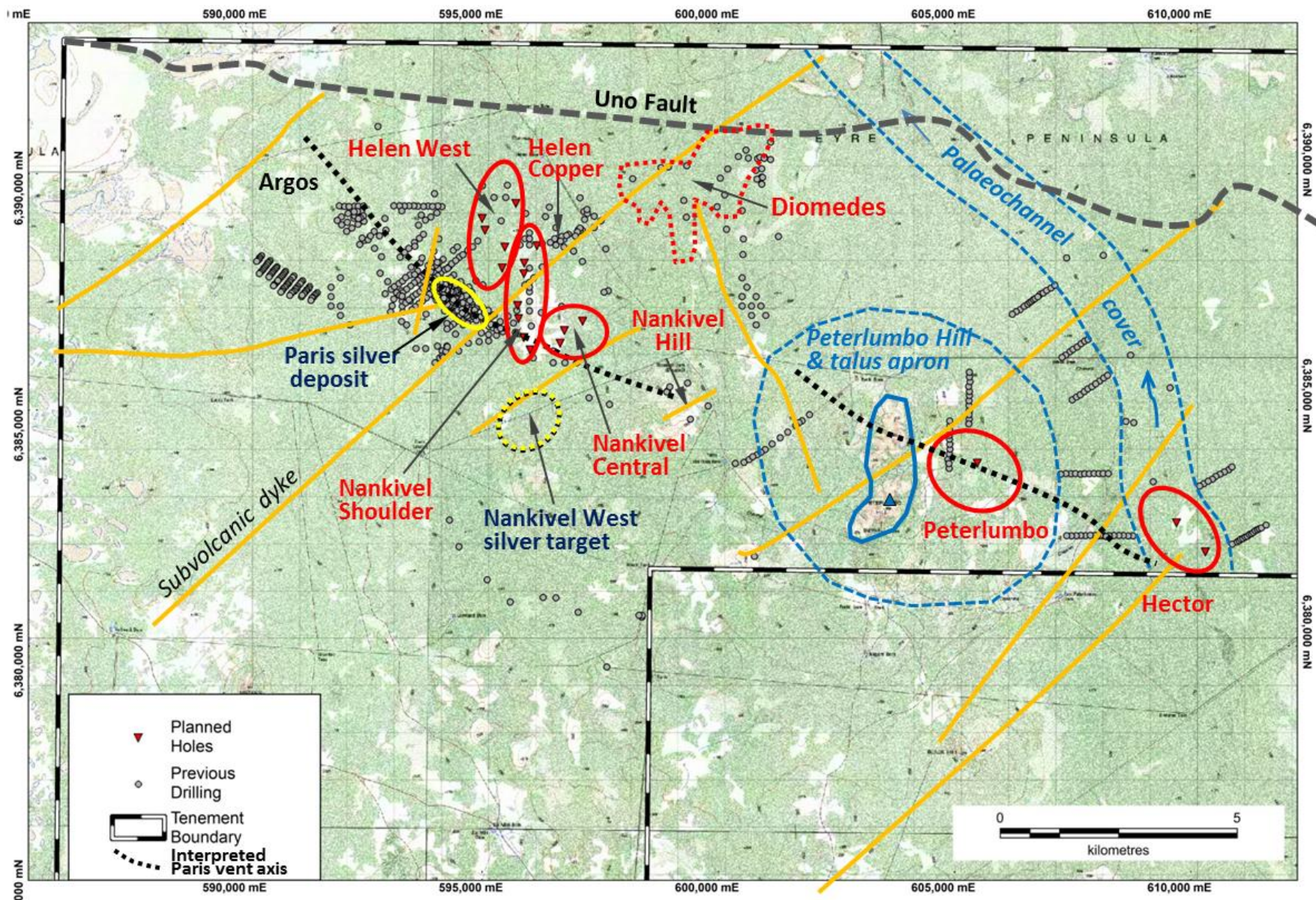
The Paris mineralisation is considered to have formed at the same time as the Olympic Dam IOCG deposit and opens up new target potential for silver lead and copper gold mineralisation in epithermal, porphyry and IOCG-style deposits on the northern Eyre Peninsula.

**Competent Persons Statement**

The information in this report relating to exploration results is based on information compiled by Mr. John Anderson who is a full time employee of the company. Mr. Anderson is a member of the Australasian Institute of Mining and Metallurgy. Mr. Anderson has sufficient experience of relevance to the styles of mineralisation and the types of deposits under consideration, and to the activities undertaken, to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr. Anderson consents to the inclusion in this report of the matters based on information in the form and context in which it appears.

The information in this report that relates to Mineral Resources Estimates at the Paris Silver 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](http://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 announcement 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: Paris Area at west end of tenement EL5368 – Summary Target Plan.** Five targets proposed for current drill program are shown as solid red ellipses. Note the number and location of holes is provisional; are subject to on-going drill results and may change during the drill program.



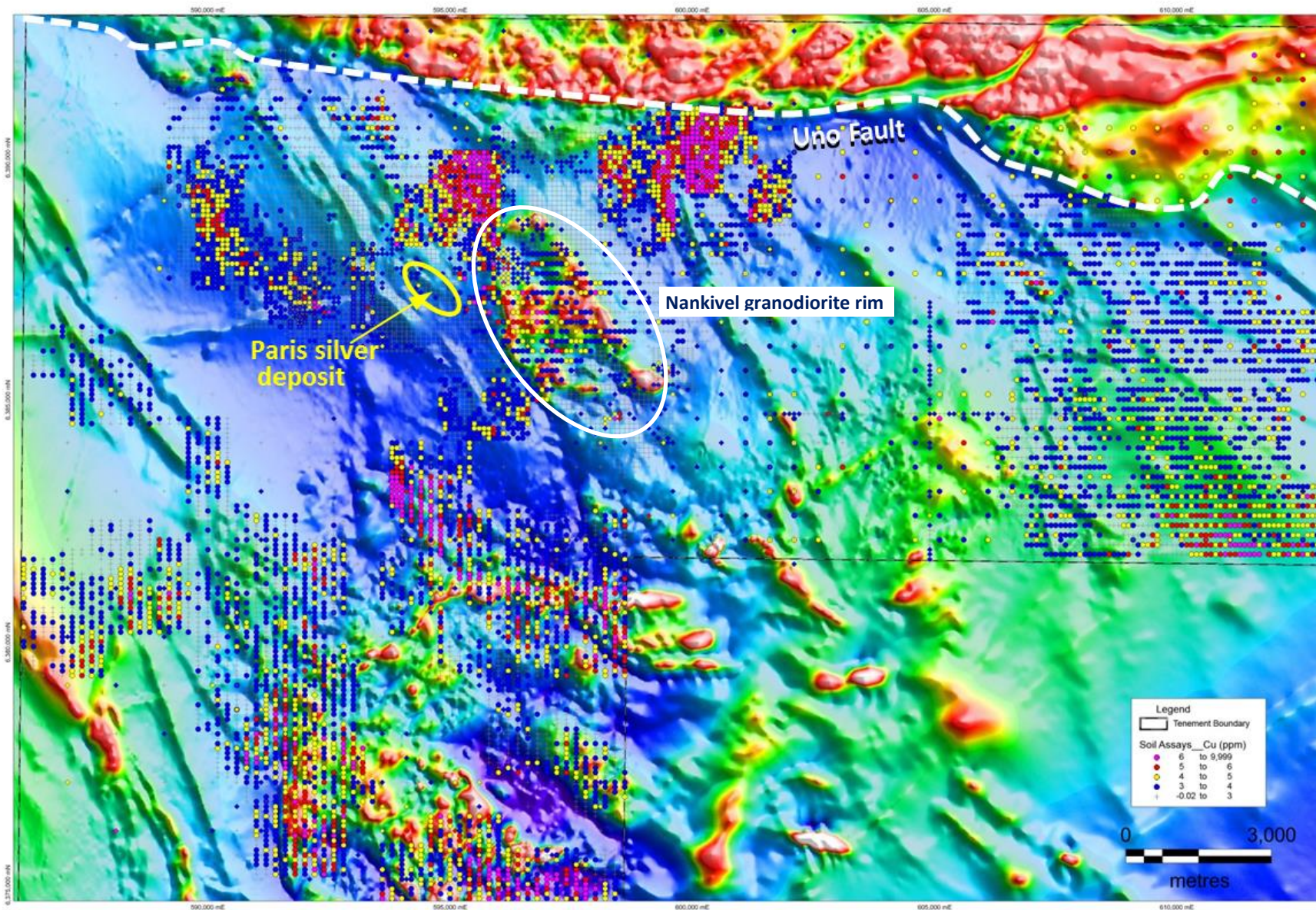


Figure 2: Paris Area as above – Plan showing copper-in-soil anomalies (TL8 method) over a TMI-RTP magnetic image