



ASX/Media Release



22nd November 2017

Infill Magneto-Telluric surveying to proceed at Maslins IOCG target

Investigator Resources Limited (ASX: IVR) is pleased to announce it will be participating in a magneto-telluric (“MT”) geophysical survey over the Maslins iron oxide copper gold (“IOCG”) target in the Carrapateena district of South Australia (Figure 1). This will advance the understanding of the Maslins target at a small cost to the Company and will assist a decision to drill the target during 2018 while Investigator is focussing on drilling the Paris silver extensions and the Nankivel porphyry copper-gold target.

During 2006 to 2014, researchers recognised an upwards plume of MT conductivity beneath the giant Olympic Dam IOCG deposit. This provided the breakthrough concept of deep-seeing MT being able to map metal tapping structures as vectors to undiscovered IOCG deposits. A national (AusLAMP) survey on coarsely spaced MT stations subsequently showed a deep MT conductivity corridor connects the Prominent Hill, Olympic Dam and Carrapateena IOCG deposits and extends southwards into the Maslins area (Figure 1).

The Maslins area was pegged by Investigator as the revised and under-explored extension of the Olympic Dam IOCG belt. The Maslins target was modelled from existing gravity data as a large body of the right size and density to be a substantial IOCG target with an acceptable depth to top of about 600 metres below the surface (IVR ASX announcement: 15 February 2016). Investigator perceives from the coarse AusLAMP data that there is potential for a prospective upward MT vector towards Maslins similar to the well-defined vector directed towards Olympic Dam (Figure 1). The Maslins target has the potential to fill the substantial gap in sizes between the Olympic Dam deposit and the smaller Prominent Hill and Carrapateena IOCG deposits.

Government agencies Geoscience Australia (“GA”) and the Geological Survey of South Australia (“GSSA”) are preparing to undertake an infill MT survey within the next two months of the Carrapateena section of the MT corridor that includes the Maslins area. To fast-track the evaluation of the Maslins IOCG target, Investigator will undertake a small amount of additional MT surveying in January to ensure the interpreted target vector is adequately detailed to advance the assessment of the Maslins gravity target.

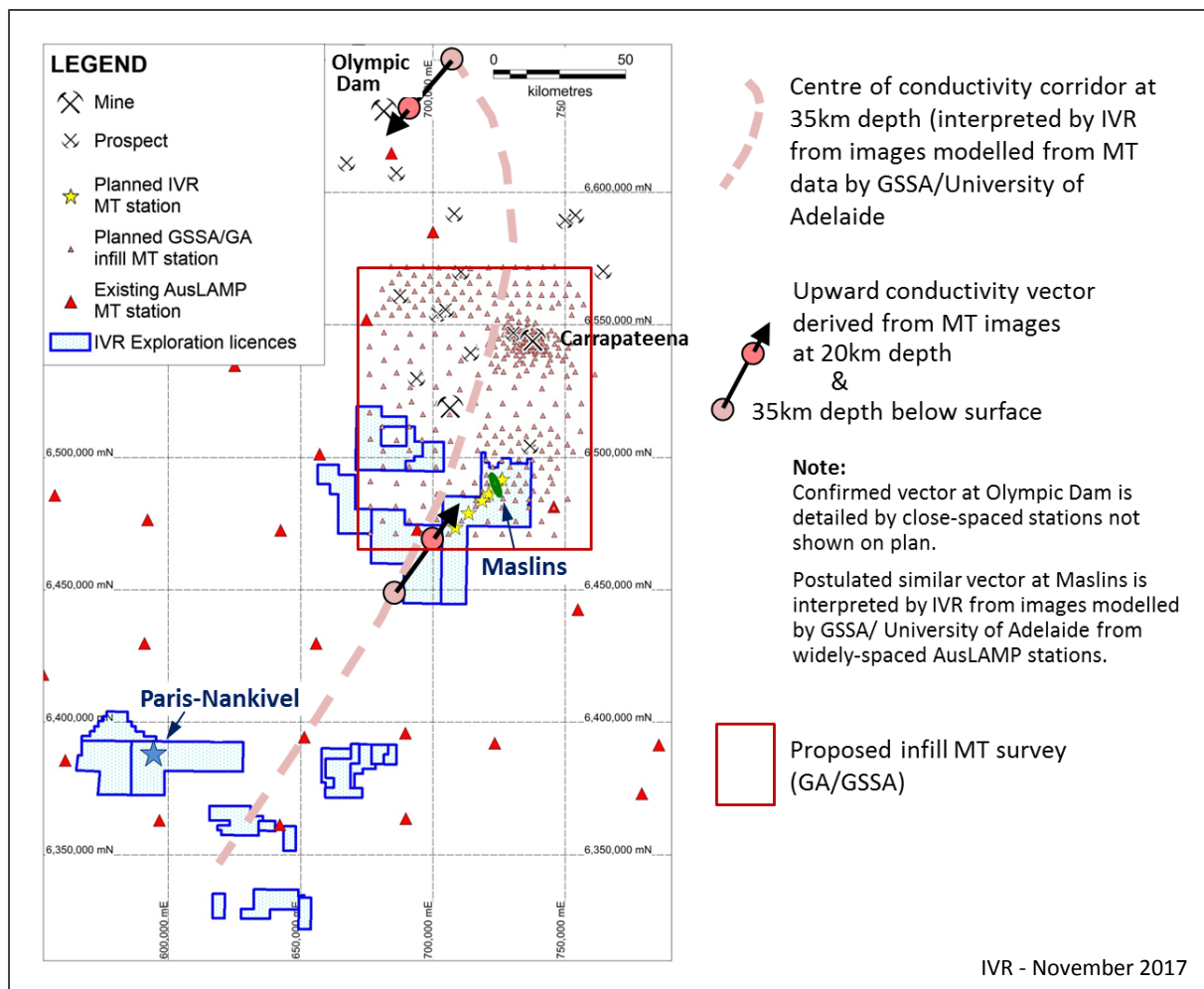


Figure 1: Southern Olympic Dam IOCG Belt – Plan showing MT survey stations, interpreted MT corridor & target vectors, plus Investigator tenements & targets.

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Competent Person Compliance Statement

The information in this announcement 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 announcement that relates to Mineral Resources Estimates at the Paris Silver Project is extracted from the report entitled “Significant 26% upgrade for Paris Silver Resource to 42Moz contained silver” dated 19 April 2017 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 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.

Investigator Resources overview

Investigator Resources Limited (ASX code: IVR) is a metals explorer with a focus on the opportunities for greenfields silver-lead, copper-gold and nickel discoveries offered by the emerging minerals frontier of the southern Gawler Craton on South Australia’s northern Eyre Peninsula.

The Company announced a revised estimation for the Paris Silver Project Mineral Resource for its 2011 Paris silver discovery to 9.3Mt @ 139g/t silver and 0.6% lead, comprising 42Moz of contained silver and 55kt of contained lead, at a 50g/t silver cut-off. The resource has been categorised with an Indicated Resource estimate of 4.3Mt @ 163g/t silver and 0.6% lead for 23Moz contained silver and 26kt contained lead, and an Inferred Resource: 5.0Mt @ 119g/t silver and 0.6% lead for 19Moz contained silver and 29kt contained lead.

The Company is accelerating the development pathway for the Paris silver project with the preparation of a Pre-Feasibility Study.

Web: www.investres.com.au

