



ABN 74 143 928 625

**ASX CODE: TPR**

## **ASX ANNOUNCEMENT**

**21 December 2015**

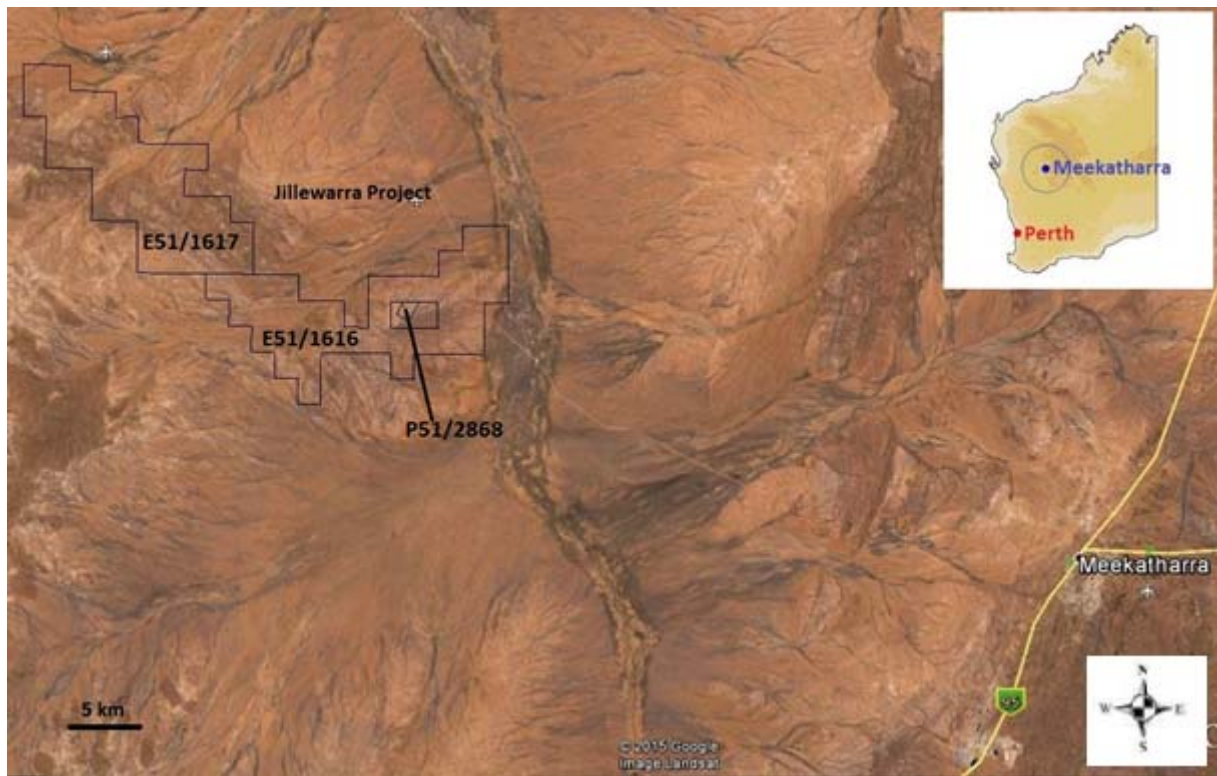
### **Jillewarra Project Update - Reconnaissance Field Trip**

Timpetra Resources Limited ("Timpetra" or "the Company", ASX: TPR) advises that the Company has performed a reconnaissance field trip on the Jillewarra Project, and is now assessing the reconnaissance report to develop a work plan for future exploration of this gold project.

#### **PROJECT INTRODUCTION AND PURPOSE OF FIELD TRIP**

The Jillewarra Project area occupies a large portion of the Archaean Mingah Greenstone Belt that trends in a north westerly direction and has been folded into a broad south-plunging anticline. Significant amounts of gold have been mined from numerous small but high grade mining shows located along the south-western limb of the structure. The area has been actively explored since the 1960's.

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*Figure 1 - Jillewarra Project Location*

The field trip was carried out in late November 2015 with the following objectives:-

- Gain an understanding of the variety of rock types present and the extent of outcrop;
- To visit past mineral shows and mining centres to see first-hand the nature and extent of the gold mineralisation and any accompanying alteration that may be evident;
- Inspect areas of historical drilling including any drill spoil;
- Confirm the accuracy of the regional regolith mapping of the project area; and
- Reconnoiter access tracks for drill rigs within the project area and ensure there is adequate exploration support facilities within the town of Meekatharra to support future exploration campaigns.

## **LOCATION AND ACCESS**

The Jillewarra Project is located approximately 50km north west of Meekatharra in the Meekatharra mineral field of the Murchison Province of Western Australia. The project comprises two granted exploration licenses E51/1616 and E51/1617 and one granted prospecting license P51/2868. The project area covers an area of 229 square km's. Access is via the all-weather Carnarvon – Meekatharra road with the turn-off into the eastern part of the project area located 50km from Meekatharra. Access to the northern part of the project is via the Carnarvon – Meekatharra road, then a turn-off to Koonmarra to travel south west into the project area. Access within the project area is via Station tracks to bores, fence line tracks and old mine workings tracks. A location map is presented as Figure 1 above.

## **EXPLORATION AND SITE TRIP RESULTS**

The Project area contains substantial historical gold workings and also a historical Barite mine and copper shows. It appears that gold mineralisation is confined to narrow quartz veins located in narrow shear zones. Phyllic alteration appears to be restricted to narrow vein selvages with serpentinization noted in ultramafic units in areas of shearing.

All hard rock mineral workings are confined to areas of outcropping or relict regolith. A map showing ASTER Ferric Oxide content and mineral shows is presented at Figure 2 below and show this relationship.

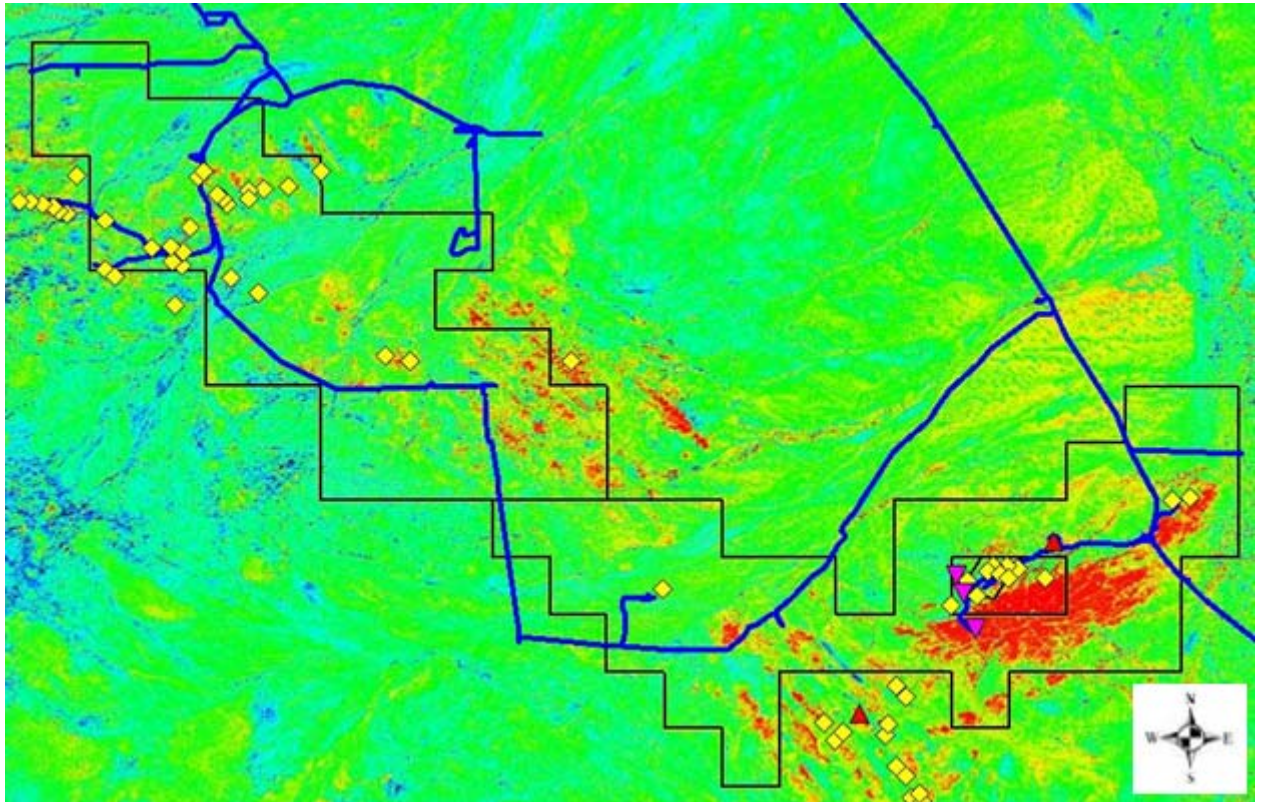


Figure 2 - ASTER Ferric Oxide image that highlights outcrop and gold and other mineral occurrences

A substantial amount of exploration work has been carried out by various companies over the years. Thousands of drill metres have been put into areas of known outcropping mineralisation and into areas of prospective shear structures that run under cover. Most of the later work carried out in the late 90's and early 2000's and more recently has been of good quality and will be a good desktop tool going forward.

The GSWA Regolith map appears to largely conform to regolith regimes on the ground. This is important as an understanding of the regolith types is crucial to planning future exploration including geochemical sampling techniques.

Also it was noted that the project area is generally accessible and should support drill rig access.

## **FUTURE WORK**

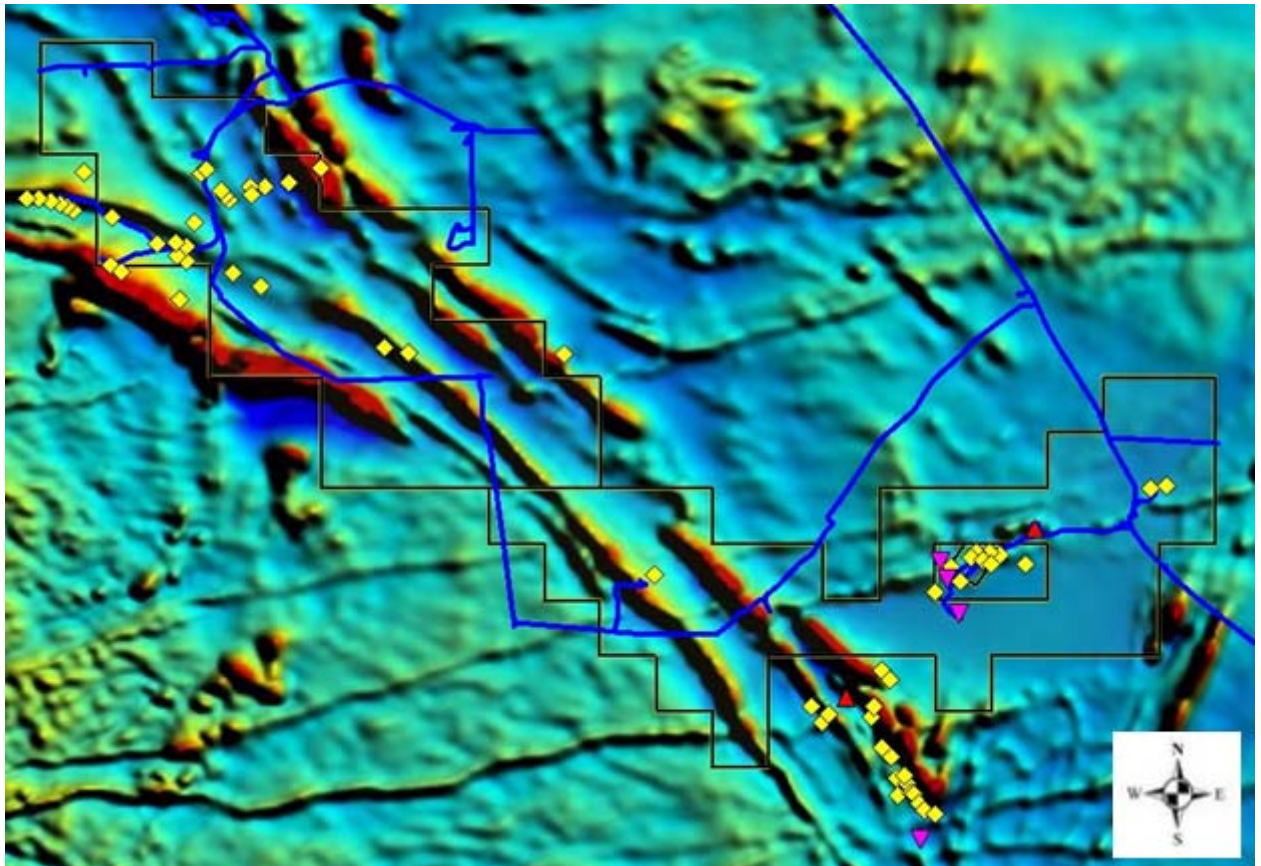
The Company is utilising historical exploration work, including aeromagnetic survey data, geological mapping and bottom-of-hole geology, to provide targets for future work.

Further work needs to be completed on the interpretation of an Aeromagnetic survey flown in 1983 with an Interpretation carried out by Newcrest Mining in 2001 utilising previous geological mapping, bottom of hole geology from RAB and AC drilling and ground truthing. The interpreted shear zones under cover at Zapata and Little Mingah were drilled following



this work but failed to delineate an economic gold deposit. Gold occurrences can be seen to occur over these interpreted shear zones as well as over the east northeast trending dolerite dykes that stand out as linear magnetic highs in the magnetic image.

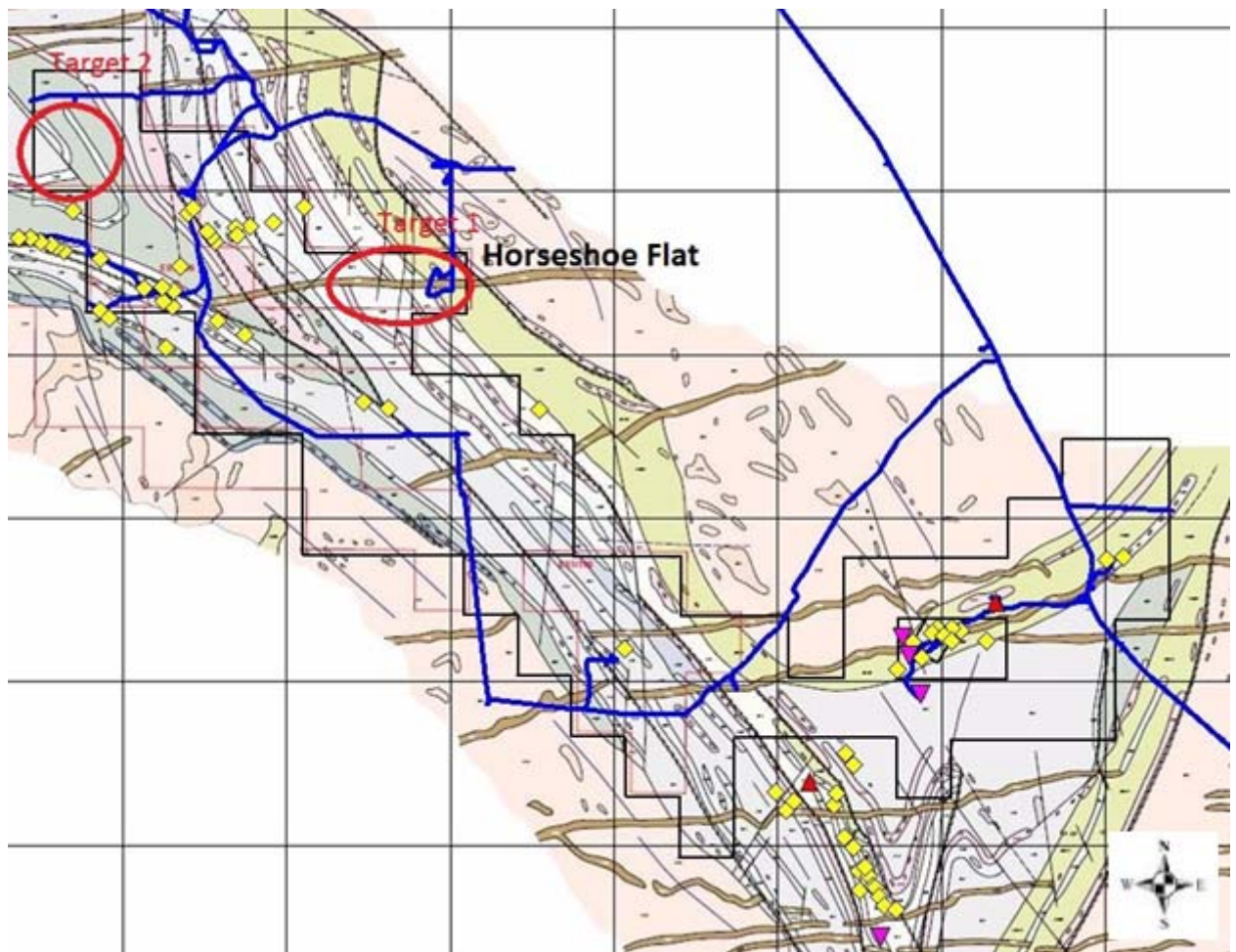
An Image of the regional magnetic survey data with gold and mineral occurrences overlain is presented at Figure 3 below.



*Figure 3: Regional magnetic image and gold and mineral occurrences.*

The Company is now examining the feasibility of a drilling program in 2016. The area called 'Horseshoe Flat', is an area of interest due to the magnetic interpretation showing an interpreted east west trending dolerite dyke as well as interpreted cross-cutting structures that offset the geology. There are also repeated lithological contacts that have proven prospective for gold mineralisation in the area. Refer to Figure 4 for the Magnetic interpretation map for the project area. Horseshoe Flat is under cover of colluvium and as such has never been investigated and could contain 'blind' gold mineralisation.

The second project target shown as Target 2, as Figure 4 below is in the interpreted prospective faulted hinge zone of an anticlinal structure with gold occurrences noted to the south. Target 2 is also under cover of colluvium.



*Figure 4 - Newcrest Mining Ltd Magnetic Interpretation 2001 and recommended Target areas overlain*

The Company is now planning a program of geological mapping on the outcropping areas to the northwest and southeast of the Horseshoe Flat area to gain an understanding on the likely dip of the geology and any associated structures. Subject to further results and the exploration market, mapping may be followed by a scout RAB drilling program to test these targets under cover, with the extent and spacing of the RAB program is to be determined following the mapping program.

#### **OTHER MATTERS AND NEW PROJECTS**

The Company continues to monitor industry and economic trends which affect the Company's investment policy and strategy. The Directors continue to examine additional opportunities across various sectors to maximise value for shareholders.

**Competent Person's Statement**

*The information in this release accurately reflects information prepared by Competent Persons (as defined by the Australasian Code for Reporting of Mineral Resources and Ore Reserves). It is compiled by Mr Simon Omotosho, a consultant to the Company who is a Member of The Australasian Institute of Geoscientists with the requisite experience in the field of activity in which he is reporting. Mr Omotosho has sufficient experience which is relevant to the system of Mineralisation and the type of deposit under consideration and to the activity which he is undertaking 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 Omotosho consents to the inclusion in the Report of the matters based on this information in the form and context in which it appears.*