

## **NORTH TELFER PROJECT and PATERSON PROJECT 2017 EXPLORATION PROGRAMME UPDATE**

### **Highlights**

- **The Minyari Dome 2017 Phase 2 drilling programme has commenced consisting of up to 11,000m of Air Core drilling with the following objectives:**
  - **Extend strike length of the existing Minyari/WACA deposits and identify mineralisation near the existing deposits; and**
  - **Discover additional open pittable gold ± copper ± cobalt mineralisation at known targets within the Minyari Dome.**
- **Tim's Dome exploration programme to follow Minyari drilling consisting of up to 6,000m of Air Core drilling with the following objective:**
  - **Evaluate a 1km portion of the 3.5km zone of Tim's Dome South high-grade gold mineralisation located 12km from Newcrest's Telfer mine.**
- **Minyari Dome and Tim's Dome Drilling planned to be completed by mid-December 2017.**
- **Mineral Resource estimates for the Minyari and WACA gold-copper-cobalt deposits due to be completed November/December 2017.**
- **Regional exploration activities, including mapping and geochemical sampling, ongoing commensurate with the Company's strategy to develop a pipeline of exploration and development projects.**
- **Minyari Dome Aerial Electromagnetic (AEM) survey awaiting final processed data.**

Antipa Minerals Ltd ("Antipa" or "Company") (ASX: **AZY**) is pleased to announce that the Air Core drilling component of its 2017 Phase 2 Minyari Dome exploration programme commenced on 13 October within its 100% owned Norther Telfer Project. The Minyari Dome is located 40km from Newcrest's world-class Telfer gold-copper-silver mine in the Paterson Province of Western Australia (Figure 1).

### **Minyari Dome Phase 2 Programme**

Phase 1 of the Minyari Dome 2017 drilling programme was directed at enabling the Company to establish its maiden Minyari and WACA deposit JORC Mineral Resources and to undertake a Scoping Study to examine the economic potential of the Minyari Dome. The Mineral Resource estimation and Scoping Study work is now progressing given the completion of the Phase 1 drilling component.

The Phase 2 Minyari Programme is aimed at providing extensional locations for follow up RC drilling in 2018. Phase 2 utilises a multifaceted exploration approach, including an extensive Air Core drilling programme, aimed at testing existing exploration targets and generating new targets across the wider Minyari Dome area.

**Phase 2 Programme Objectives:**

- Extend strike length of existing deposits and identify mineralisation near existing deposits;
- Discover additional open pittable gold  $\pm$  copper mineralisation within approximately 10km or less of the Minyari and WACA deposits;
- Test a range of geochemical anomalies (i.e. gold / arsenic / copper); and test a range of geophysical anomalies (i.e. AEM, IP and magnetic).

**Phase 2 Programme Key Exploration Components:**

- Completion of up to 430 Air Core drill holes for up to 11,000 metres, across 4 to 12 strike kilometres of the Minyari Dome (Figures 2a-b).
- Follow-up drilling on Jude's prospect area and other targets based on evaluation of IP, magnetic and drill hole data including the 33 line-kilometre 2016 Minyari Dome IP survey.
- Minyari Dome heliborne aerial electromagnetic (AEM) survey completed with final data pending. Priority AEM targets identified, related to semi-massive to massive sulphide high-grade gold and/or copper mineralisation, to be evaluated during the Phase 2 drilling programme.
- A systematic surface geochemical sampling programme is ongoing (i.e. rock-chip, soil and termite mound).
- Mapping (including UAV/Drone surveys).

**Tim's Dome 2017 Exploration Programme**

The Tim's Dome 2017 Exploration Programme utilises a multifaceted exploration approach which involves the Company's maiden drilling programme at the highly prospective Tim's Dome South prospect, with drilling expected to commence during late November.

**Tim's Dome Programme Objective:**

- Via a staged exploration approach, evaluate the potential of the 3.5km long Tim's Dome South gold deposit which is situated on the Telfer domal structure, hosted by Telfer formation lithologies and located just 12km from Newcrest Mining Ltd's world-class Telfer gold-copper-silver deposit and 32km from the Company's Minyari project (Figures 1 and 3).

**Tim's Dome Programme Key Exploration Components:**

- Completion of up to 6,000 metres of Air Core drilling, across 1 strike kilometres of the southern region of the 3.5km Tim's Dome South high-grade gold mineralisation trend (Figure 3).
- Evaluation of all available geophysical survey data, including a 1999 heliborne aerial electromagnetic (AEM) survey, aeromagnetic and Induced Polarisation data.
- Surface geochemical sampling is ongoing (i.e. rock-chip).
- Mapping (including UAV/Drone surveys).

**Timing**

The Minyari Dome Phase 2 drilling programme commenced on the 13 October and is anticipated to be completed in approximately 5 weeks, with the 2017 Tim's Dome exploration programme, duration approximately 3 weeks, scheduled to commence immediately following

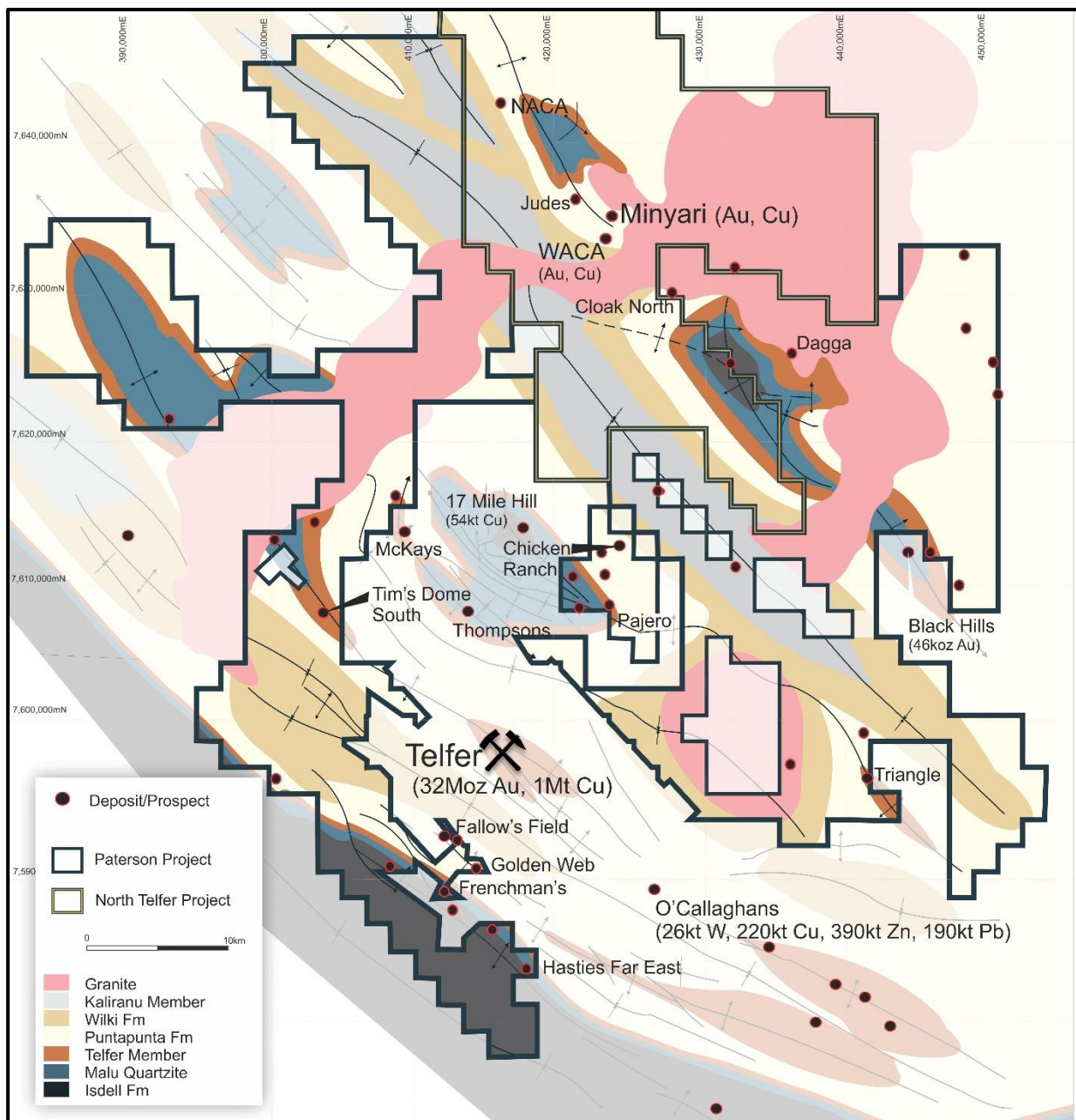
the Phase 2 drilling. As usual, samples will be batched and dispatched for assay on a periodic basis and announcements will be made periodically as assays are received.

For further information, please visit [www.antipaminerals.com.au](http://www.antipaminerals.com.au) or contact:

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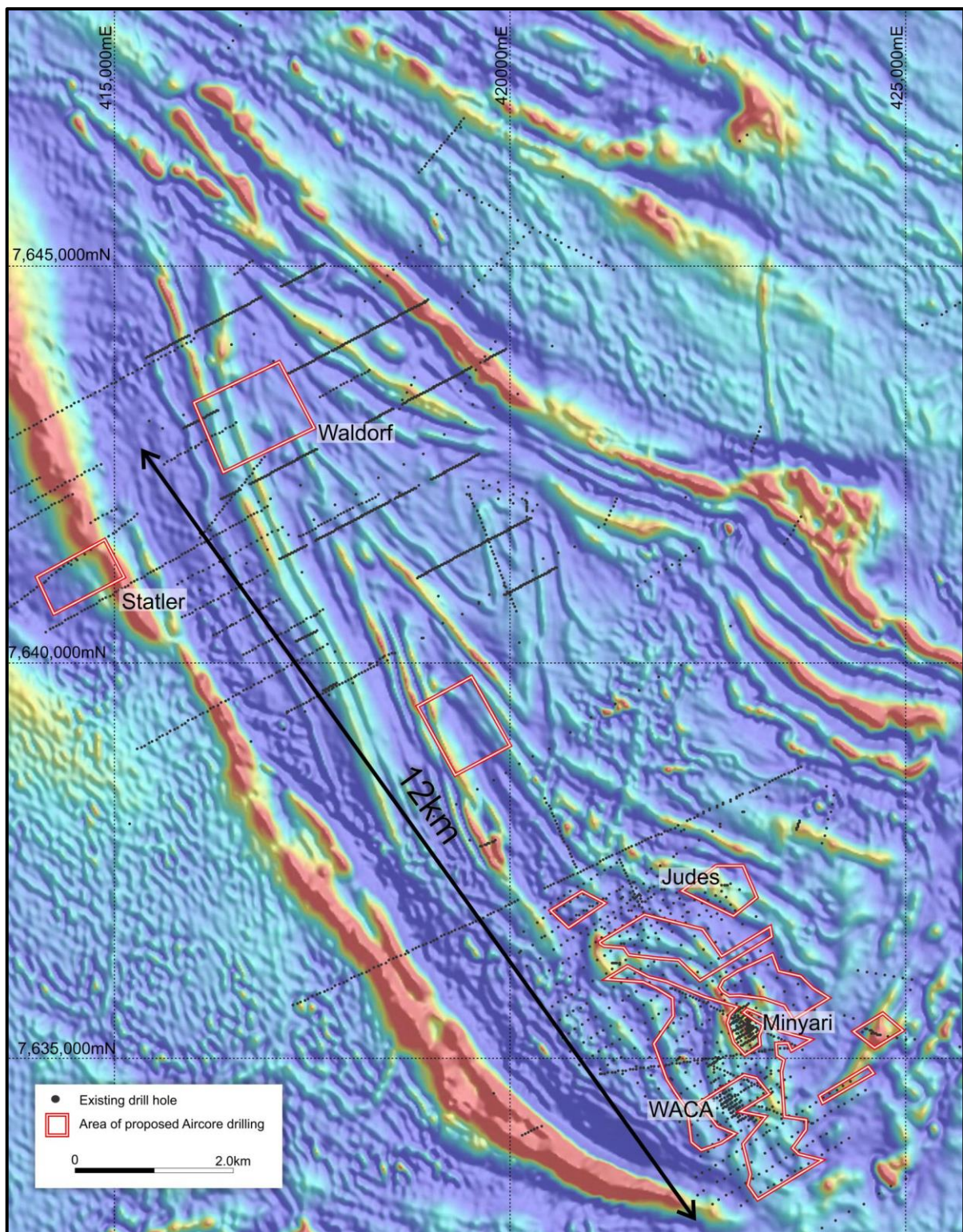
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**Figure 1: Interpreted geology map of the southeastern region of the Paterson Province showing deposits, location of the Minyari-WACA and Tim's Dome areas and Antipa tenements.**

NB: Regional GDA94 / MGA Zone 51 co-ordinates, 10km grid.

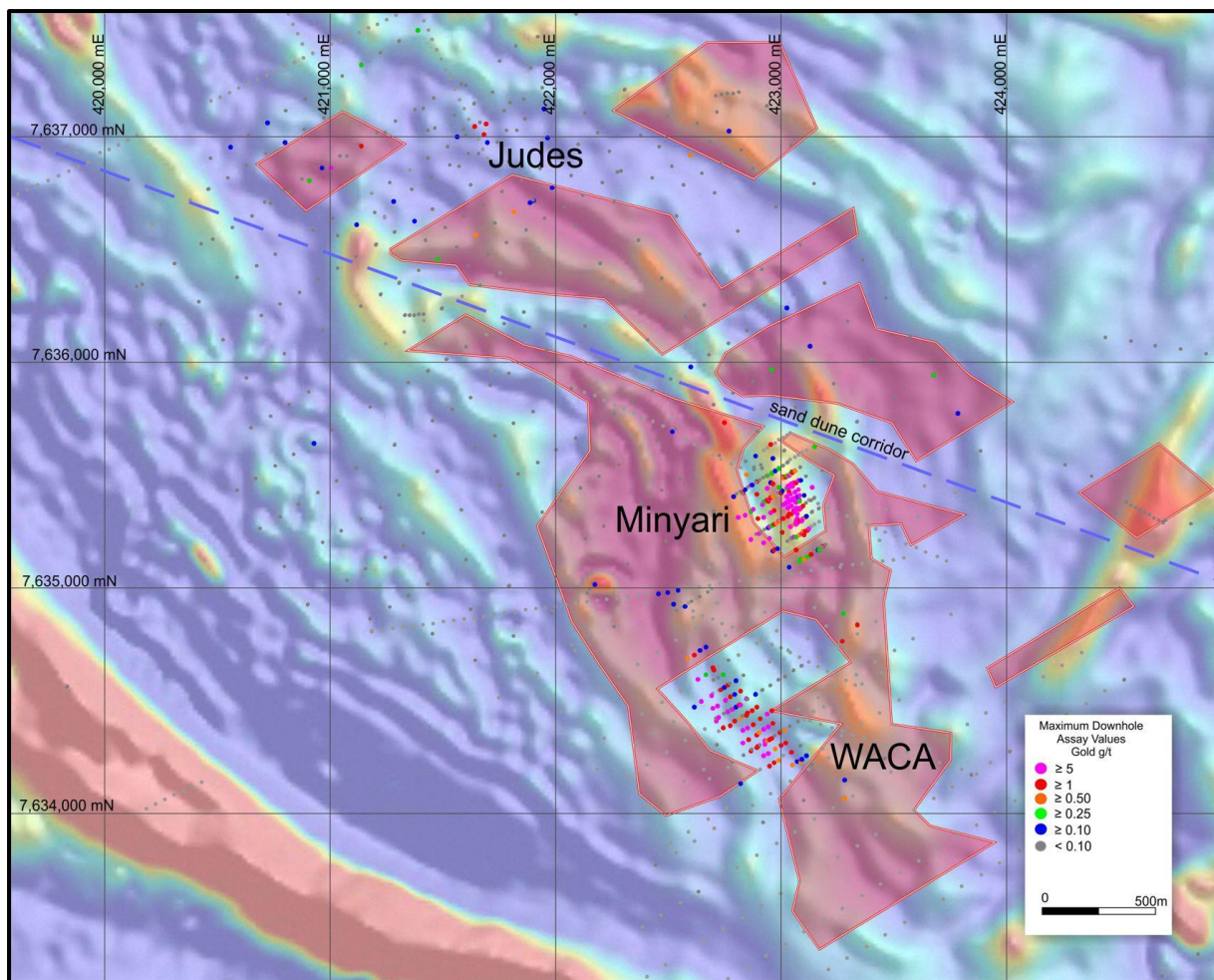




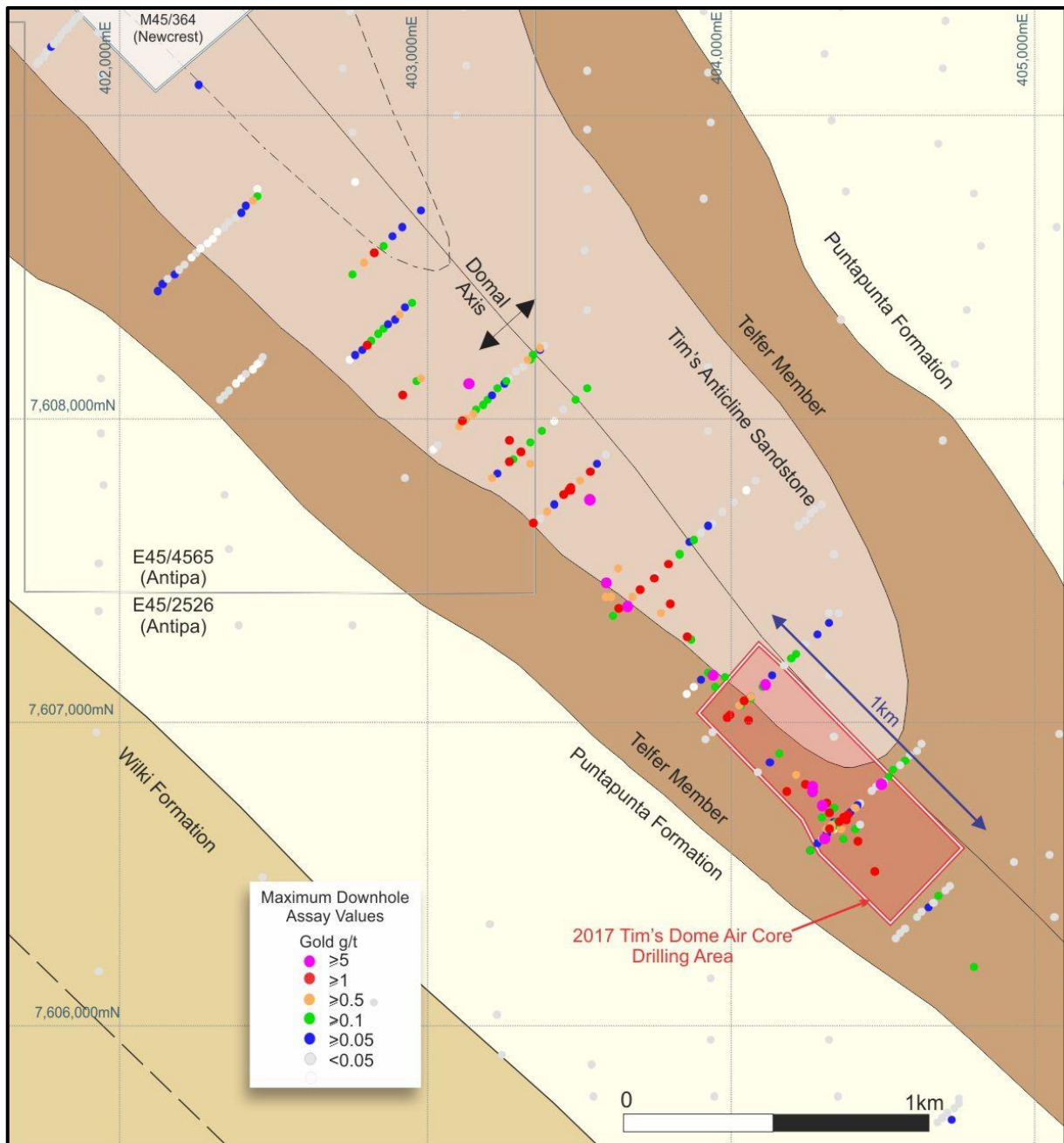
**Figure 2a: Plan view of the Minyari Dome area showing existing drill holes and regions of Phase 2 Air Core drilling. Refer also to Figure 2b for detail of southern Minyari Dome region.**

**NB: Over Airborne magnetic image (50m flight-line spacing at an altitude of 30m; Pseudo-colour First Vertical Derivative) and Regional GDA94 / MGA Zone 51 co-ordinates, 5km grid.**





**Figure 2b: Plan view of the southern portion of the Minyari Dome area showing existing drill hole distribution with maximum downhole gold and southern areas of Phase 2 Air Core drill programme.**  
 NB: Over Airborne magnetic image (50m flight-line spacing at an altitude of 30m; Pseudo-colour First Vertical Derivative) and Regional GDA94 / MGA Zone 51 co-ordinates, 1km grid.



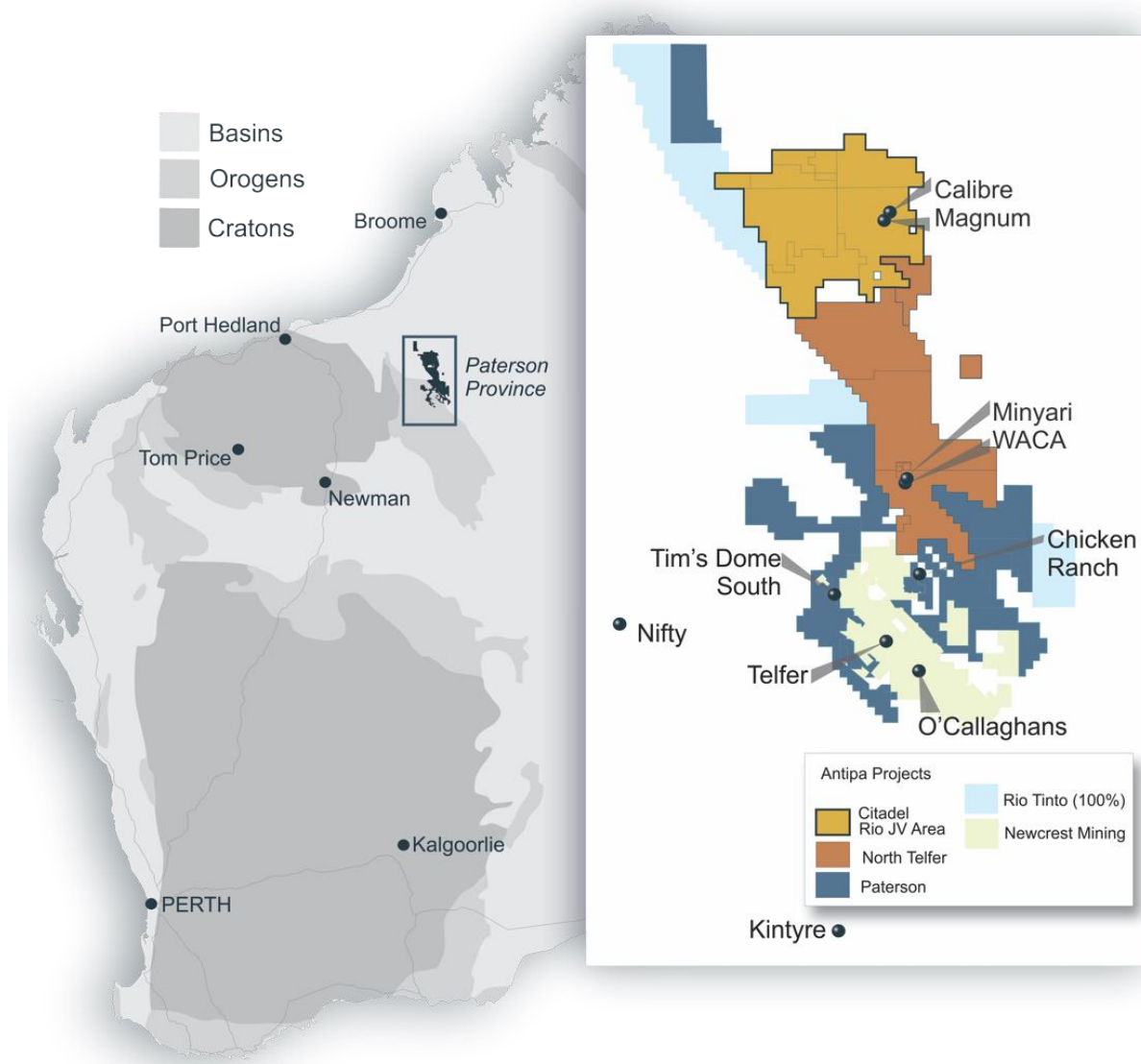
**Figure 3: Tim's Dome interpreted geology plan showing drillhole locations, maximum downhole gold drill results highlighting the 3.5km long Tim's Dome South deposit gold trend, region of pending 2017 Air Core drilling and Antipa tenements. Note the broad historic drill hole spacing.**

**NB: Regional GDA94 / MGA Zone 51 co-ordinates, 1km grid.**

### About Antipa Minerals:

Antipa Minerals Ltd is an Australian public company which was formed with the objective of identifying under-explored mineral projects in mineral provinces which have the potential to host world-class mineral deposits, thereby offering high leverage exploration potential. The Company owns a 1,335km<sup>2</sup> package of prospective granted tenements in the Paterson Province of Western Australia known as the Citadel Project. The Citadel Project is located approximately 75km north of Newcrest's Telfer gold-copper-silver mine and includes the gold-copper-silver-tungsten Mineral Resources at the Calibre and Magnum deposits and high-grade polymetallic Corker deposit. Under the terms of a Farm-in and Joint Venture Agreement with Rio Tinto Exploration Pty Limited ("Rio Tinto"), a wholly owned subsidiary of Rio Tinto Limited, Rio Tinto can fund up to \$60 million of exploration expenditure to earn up to a 75% interest in Antipa's Citadel Project.

The Company has an additional 1,310km<sup>2</sup> of granted exploration licences, known as the North Telfer Project which hosts the high-grade gold-copper Minyari and WACA deposits and extends its ground holding in the Paterson Province to within 20km of the Telfer Gold-Copper-Silver Mine and 30km of the O'Callaghans tungsten and base metal deposit. The Company has also acquired, from the Mark Creasy controlled company Kitchener Resources Pty Ltd, additional exploration licences in the Paterson Province which are now all granted and cover 1,573km<sup>2</sup> and the Company owns a further 138km<sup>2</sup> of exploration licences (including both granted tenements and applications), which combined are known as the Paterson Project, which comes to within 3km of the Telfer mine and 5km of the O'Callaghans deposit.





### Competent Persons Statement:

The information in this report that relates to Exploration Results is based on and fairly represents information and supporting documentation compiled by Mr Roger Mason, a Competent Person who is a Member of The Australasian Institute of Mining and Metallurgy. Mr Mason is a full-time employee of the Company. Mr Mason is the Managing Director of Antipa Minerals Limited, is a substantial shareholder of the Company and is an option holder of the Company. Mr Mason has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaking to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Mason consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Various information in this report which relates to Exploration Results other than in relation to the details of the North Telfer Project 2016 Exploration Programme Phase 1 and Phase 2 information reported here is extracted from the following:

- Report entitled *"North Telfer Project Update on Former NCM Mining Leases"* created on 3 December 2015;
- Report entitled *"High Grade Gold Mineralisation at Minyari Dome"* created on 8 February 2016;
- Report entitled *"Minyari Deposit Drilling to Commence May 2016"* created on 2 May 2016;
- Report entitled *"Minyari Phase 1 Drilling Commences"* created on 2 June 2016;
- Report entitled *"Further Historical High-Grade Gold Intersections at Minyari"* created on 14 June 2016;
- Report entitled *"Minyari Reprocessed IP Survey Results"* created on 5 July 2016;
- Report entitled *"Minyari Phase 1 Drilling Update No. 1"* created on 20 July 2016;
- Report entitled *"Completion of Phase 1 Minyari Deposit RC Drilling Programme"* created on 9 August 2016;
- Report entitled *"Minyari Drilling Update No. 3"* created on 17 August 2016;
- Report entitled *"New Gold Opportunity - Tim's Dome South"* created on 22 September 2016;
- Report entitled *"Minyari Drilling Update No. 4"* created on 29 September 2016;
- Report entitled *"Minyari Dome - Phase 2 Exploration Programme Commences"* created on 31 October 2016;
- Report entitled *"North Telfer and Citadel Exploration Programme Update"* created on 16 November 2016;
- Report entitled *"Minyari Dome Drilling Update No. 1"* created on 16 December 2016;
- Report entitled *"Minyari Dome and Citadel – Phase 2 Update"* created on 9 February 2017;
- Report entitled *"Minyari Dome 2017 Exploration Programme"* created on 27 March 2017;
- Report entitled *"Minyari Dome 2017 Phase 1 Exploration Programme Commences"* created on 13 April 2017;
- Report entitled *"Minyari Dome Positive Metallurgical Test Work Results"* created on 13 June 2017;
- Report entitled *"High-Grade Gold Intersected at North Telfer Project Revised"* created on 21 June 2017;
- Report entitled *"Drilling Extends High-Grade Gold Mineralisation at WACA"* created on 25 July 2017; and
- Report entitled *"High-Grade Gold Mineralisation Strike Extension at Minyari Deposit"* created on 4 August 2017; and
- Report entitled *"Minyari Dome Phase 1 Final Assay Results"* created on 31 August 2017.

All of which are available to view on [www.antipaminerals.com.au](http://www.antipaminerals.com.au) and [www.asx.com.au](http://www.asx.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.

### Forward-Looking Statements:

This document may include forward-looking statements. Forward-looking statements include, but are not limited to, statements concerning Antipa Mineral Ltd's planned exploration programme and other statements that are not historical facts. When used in this document, the words such as "could," "plan," "estimate," "expect," "intend," "may," "potential," "should," and similar expressions are forward-looking statements. Although Antipa Minerals Ltd believes that its expectations reflected in these forward-looking statements are reasonable, such statements involve risks and uncertainties and no assurance can be given that actual results will be consistent with these forward-looking statements.