

**QUARTERLY ACTIVITIES REPORT  
FOR THE PERIOD ENDED 31 MARCH 2018  
ASX CODE: AUR**

**HIGHLIGHTS**

**Corporate**

- **Cash position \$5.0m (includes 166,006 Sandfire shares at \$7.32 – 31 March 18 closing price)**
- **Farm-in Agreement with Sandfire over Morck's Well East and Doolgunna Projects**
  - **Sandfire pays \$1.2m to Auris for right to earn interest in Morck's Well East & Doolgunna Projects**
  - **Sandfire to spend minimum of \$2 million in 2 years on exploration**
  - **After minimum spend, Sandfire can continue to sole fund exploration to a Discovery of not less than 50,000 tonnes contained Cu (or metal equivalent)**
  - **Sandfire to earn a 70% interest following the completion of a Feasibility Study on a Discovery**
  - **Auris and Sandfire (and Fe Limited in the case of Morck's Well East) then form a joint venture and fund their respective interests or Auris can be loan carried to commercial production by granting Sandfire 5% additional interest in Doolgunna or 4% interest in Morck's Well East**
- **Neville Bassett (Non- Exec Chairman) and Brian Thomas (Non-Exec Director) appointed to the Board**

**Exploration Highlights**

- **Major VTEM™ Max survey complete and preliminary data received**
- **Several robust anomalies identified across the survey areas**
- **Gravity surveys completed at Forrest (North), and Horseshoe Projects**
- **Historical geochemical data analysis and review ongoing**
- **New sampling programmes planned to start during the June quarter 2018**
- **All available airborne geophysics compiled and ready for regional geological interpretation and integrated targeting**

**Farm-in Agreement Projects (Sandfire Earning 70% Interest)**

**Morck's Well East**

- **Sandfire complete major airborne VTEM™ Max survey across Morck's Well East**
- **Several first phase anomalies identified across the survey areas**
- **Field investigation and follow-up ground fixed-loop EM required to verify anomalies**

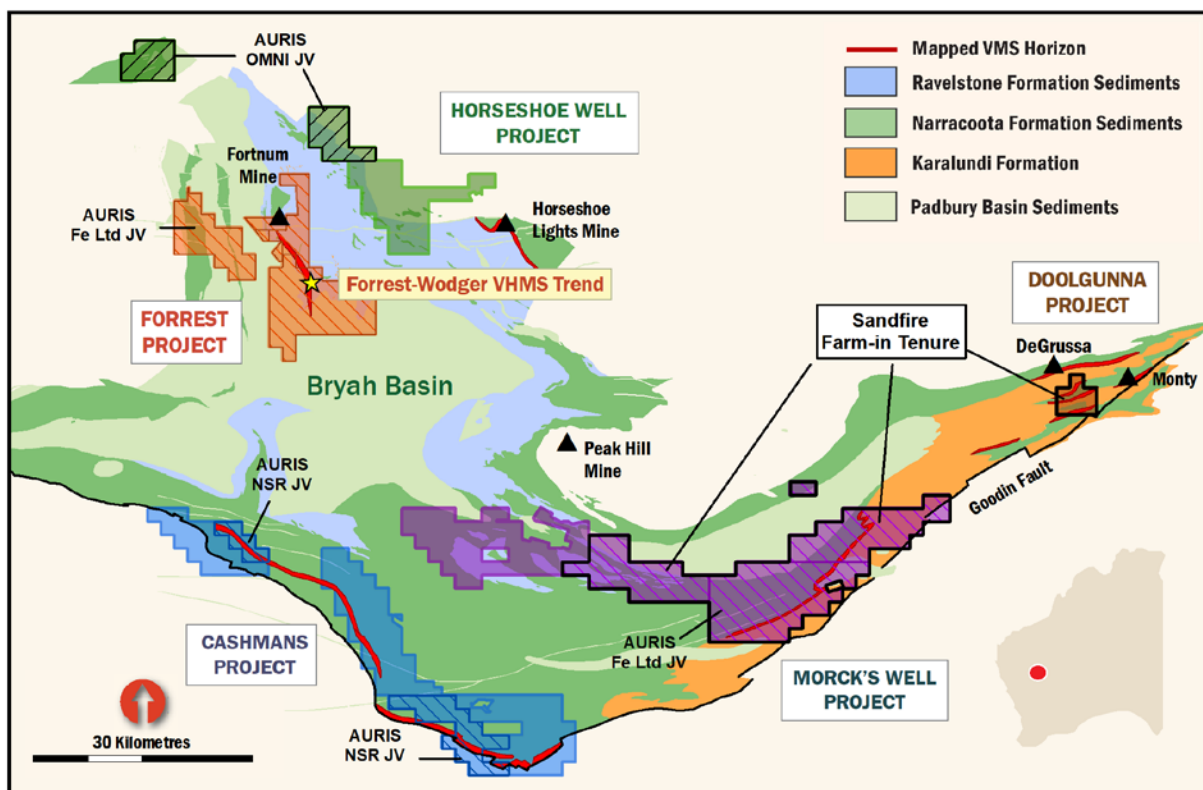
## Corporate

During the quarter Auris Minerals Limited (ASX: AUR) entered a Farm-in Agreement with Sandfire Resources NL (“Sandfire”) in relation to the Morck’s Well East and Doolgunna Projects. The transaction with Sandfire allows the Company to focus on copper-gold exploration on its key Forrest, Cashmans and Horseshoe projects in the Bryah Basin.

## Exploration Activities

Auris is exploring for high-grade copper-gold discoveries in Western Australia’s highly-prospective Bryah Basin region and the Chunderloo area.

Auris has consolidated a ~1,350km<sup>2</sup> copper-gold exploration portfolio in the Bryah Basin divided into five well-defined project areas – Forrest, Doolgunna, Morck’s Well, Cashmans and Horseshoe Well. In February 2018, Auris entered a Farm-in Agreement with Sandfire Resources NL in relation to the Morck’s Well East and Doolgunna Projects which covers ~430km<sup>2</sup>. Sandfire has the right to earn a 70% interest in the projects upon completion of a Feasibility Study on a Discovery of not less than 50,000t contained copper (or metal equivalent).



**Figure 1:** Auris’ extensive ~1,350km<sup>2</sup> Bryah Basin (WA) copper-gold tenure plus the Chunderloo Project 14km<sup>2</sup>

### Notes

1. The Forrest Project tenements (Figure 1) have the following outside interests:
  - i. Auris 80%; Fe Ltd 20% ((Fe Ltd (ASX:FEL) interest is free carried until a Decision to Mine)
  - ii. Westgold Resources Ltd (ASX:WGX) own the gold rights over the Auris interest.
2. Doolgunna Project tenement E52/2438 – Subject to Farm-in Agreement with Sandfire Resources NL (ASX:SFR) (Figure 1)
3. The Morck’s Well East JV Project tenements E52/1613, E51/1033, E52/1672 (Figures 1) (Auris 80%; Fe Ltd 20%)
  - i. Subject to Farm-in Agreement with Sandfire Resources NL (ASX:SFR)
4. The Cashmans Project tenements E51/1391, E51/1837-38, E52/2509 (Figure 1) have the following outside interests:
  - i. Auris 51%; Northern Star 49% (ASX:NST) with Auris earning 70%
5. The Horseshoe Well Project tenements E52/3248, E52/3291, E52/2509 (Figure 1) have the following outside interests:
  - i. Auris 85%; OMNI Projects Pty Ltd 15% (OMNI interest is free carried until a Decision to Mine)

## **Overview**

The current exploration effort is focused on defining new Cu-Au or Au targets for drill testing, but all previous work is being reviewed and assessed to ensure that no historical targets remain untested. The programme is divided into three broad components, as follows:

1. **Geophysics:** coverage of the entire tenement portfolio with ground gravity and VTEM surveys over the most prospective areas, to map geology and define geophysical targets;
2. **Geochemistry:** soil and rock chip sampling where appropriate across all tenements. This will define geochemical targets and refine geological interpretation;
3. **Geology:** complete the regional geological interpretation of Auris' tenure in the western Bryah Basin, to provide a geological context for all defined targets and to highlight other areas of interest.

## **Geological Interpretation**

All available in-house and open file data sets have been compiled and prepared for the regional geological interpretation and targeting exercise. Several high-resolution magnetic and radiometric data sets over the western Bryah Basin, including both Auris in-house and open file data, have been merged for the first time. The regional geological interpretation will be based on the Geological Survey map of the Bryah Basin (compiled from 1:100,000 scale field mapping), will incorporate ideas from recently published research as well as integrate the new data. The geophysics, now available to Auris, will facilitate the production of significantly better working maps. Detailed maps, over the Forrest and Cashmans Project areas of interest, will be produced at 1:20,000 scale.

When new targets are defined (from whichever data set) and ranked, follow-up exploration activities and/or drill tests will be planned. The recently drilled Wodger and Forrest Prospects, and the historical VTEM anomaly on Cashmans, will be ranked alongside all others.

## **VTEM™ Max Survey**

The acquisition of regional geophysics data is now completed, although the most recently flown VTEM data is still being pre-processed with Geotech, in Canada (expected completion mid-April). The VTEM™ Max (Versatile Time-Domain Electromagnetic) system is arguably the best airborne EM system currently available for mineral exploration, and it has a proven track record for anomaly detection. The survey comprised ≈1,800 line kms, flown at 200m line spacing and an altitude of 35m above ground (Fig. 2). Infill lines were flown to improve the definition of some anomalies. The data set will require further processing, after delivery, and a detailed interpretation (of line profiles) to identify all possible targets.

Several robust anomalies have been identified in the preliminary data (Fig. 3). As expected, at least one is coincident with a previously defined target, and the results of the historical follow-up work is being assessed. The latest (and most powerful) VTEM™ Max system was flown, specifically to identify the most subtle anomalies, which could be due to deeper (and/or smaller) bodies that may have been missed by previous surveys. It is worth noting that the De Grussa Cu-Au deposit only registers as a very subtle VTEM anomaly (with an earlier version of VTEM). Such subtle anomalies will only be recognizable in fully processed data, after a detailed interpretation of the line profile data. Auris also plans to utilize specialist-processing software that can resolve subtle anomalies through conductive overburden.

The VTEM data will also be used to determine regolith and/or cover thickness, to assist with planning future geochemical sampling programmes (i.e., to map areas of residual soils).

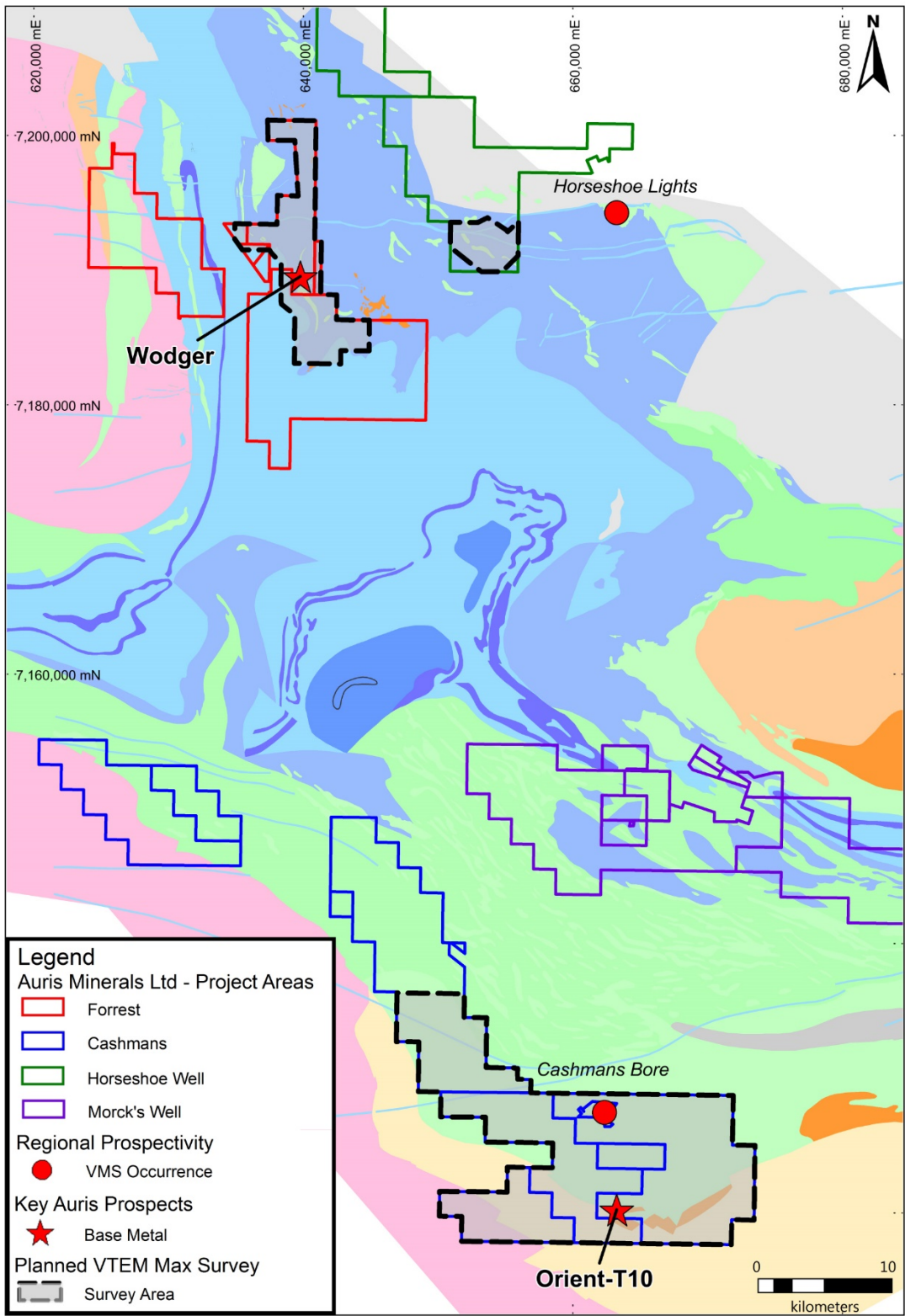
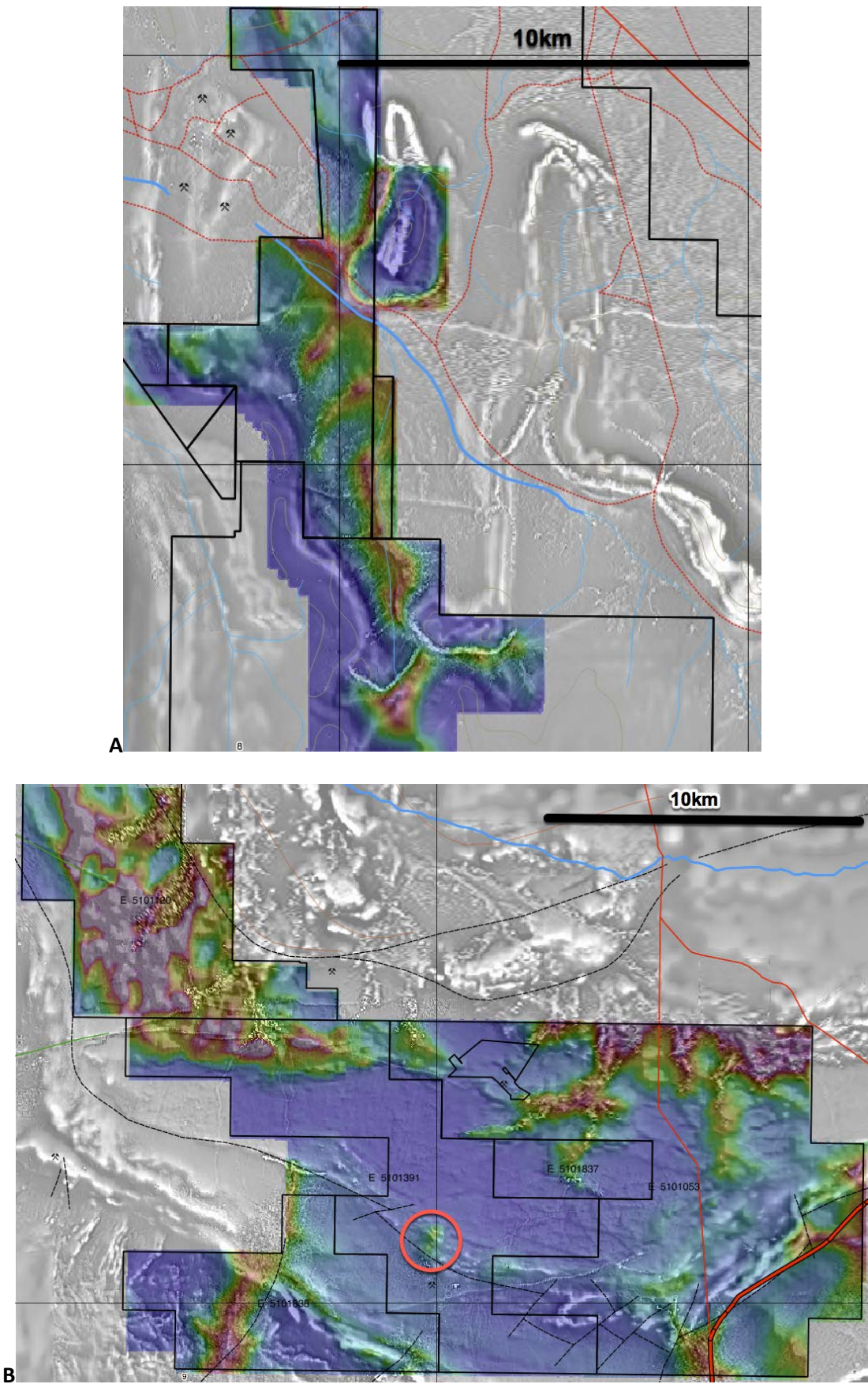


Figure 2: Auris’ tenure in the Bryah Basin showing VTEM survey areas and key historical prospects (stars)



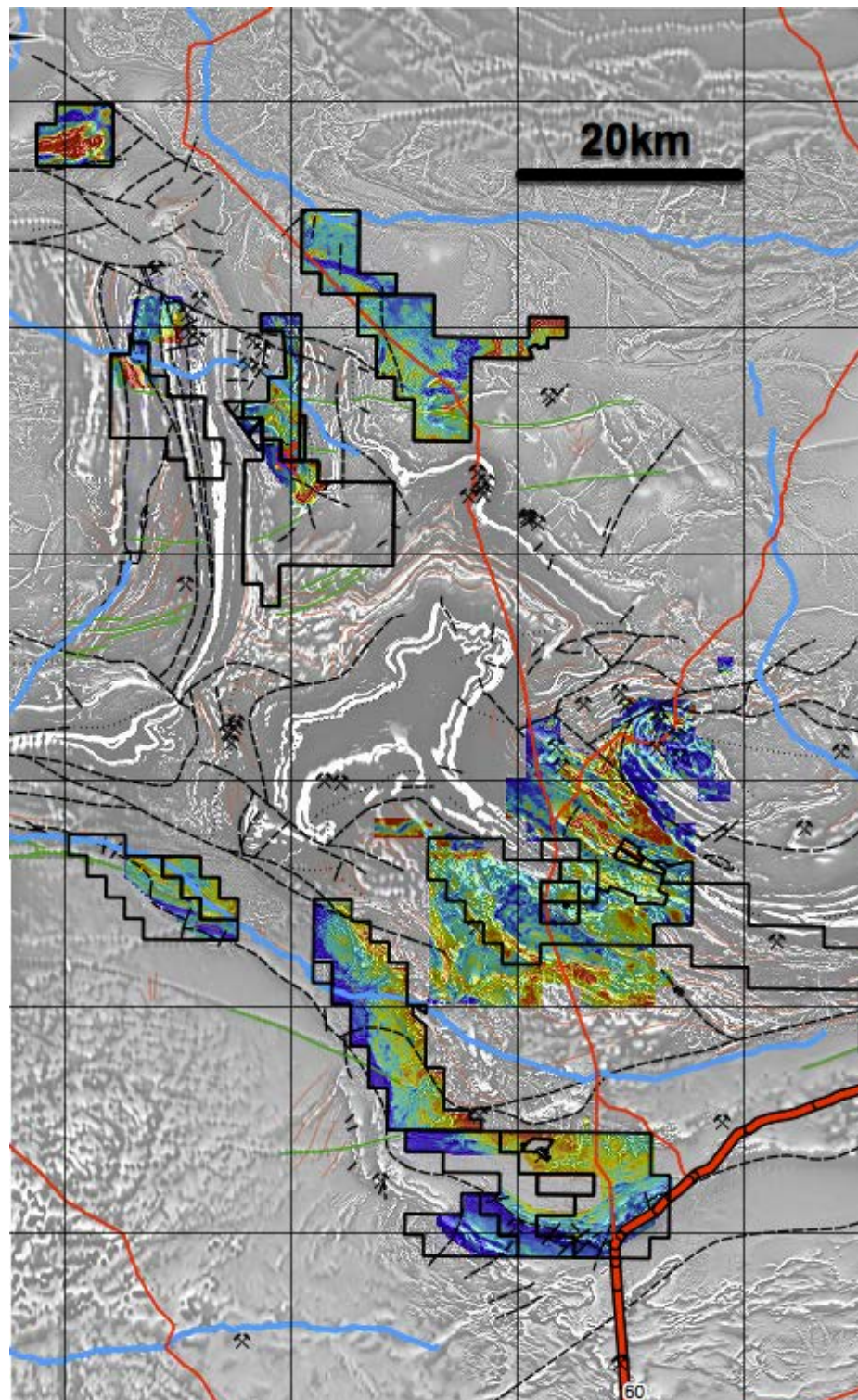


**Figure 3:** Preliminary VTEM data image (colour) over magnetics (greyscale) for the Forrest (A) and Cashmans (B) Project areas. Prominent anomaly circled in red at Cashmans; there are no strong anomalies in the preliminary data at Forrest.



### Ground Gravity

Ground gravity surveys have recently been completed on four exploration tenements. In total, 4832 new stations were surveyed, which completes the gravity coverage of all Auris tenements (Fig.4). The collection of gravity data forms part of the early phase exploration (mapping, geochemical coverage, geophysical surveys) that is ongoing across the previously unexplored northern portion of the Forrest Project and Horseshoe Well Project. This data along with historical drilling data will provide valuable geological and structural information for incorporation into the geological interpretation of the project.



**Figure 4:** Gravity data coverage (colour) over magnetics (greyscale) for the Auris tenements in the western Bryah Basin.

### **Geochemical Sampling**

Historical geochemical sampling data is of variable quality. Various media have been sampled, including surface soils, lag and regolith materials from various depths (using auger and aircore drilling). Different analytical methods have also been used to test for a variety of multi-element suites, although much of the historical work was targeting gold only - and is therefore unsuitable for base metal exploration. For example, the only regional sampling carried out in the vicinity of the recently drilled Wodger and Forrest Prospects were Au-only RAB programmes, completed in 1997 or before. Some analytical methods are also deemed to have been inappropriate due to high detection limits. While every effort is being made to utilize the historical data where possible, the resultant uncertainties regarding sample collection and/or data quality mean that large parts of the tenement portfolio will probably require resampling. Orientation studies are being considered to determine the optimal sampling protocols. The field programme is due to commence in April (local flooding has delayed the start of this programme – Fig. 5) and it is expected to take 3-4 months to complete.



**Figure 5:** Local flooding has delayed the start of the geochemical sampling programme.

### **Chunderloo Project**

A compilation of all historical exploration data for Chunderloo is scheduled for completion by the end of April 2018.

## **SANDFIRE EARN-IN AGREEMENT PROJECTS**

### **Morck's Well East Project**

#### **VTEM Max Survey**

UTS Geophysics Pty Ltd (Geotech) has completed a survey over the Morck's Well East JV Project, utilising its helicopter-borne Versatile Time-Domain Electromagnetic (VTEM™ Max) geophysical system, which is excellent for locating discrete conductors.

The survey is being undertaken to identify base metal conductors similar to those of the Horseshoe Lights, DeGrussa and Monty deposits in the region. The VTEM™ Max system was flown at a 200m line spacing and offers unparalleled depth of penetration; it is a proven exploration tool for discovering base metal massive sulphide deposits.

Preliminary interpretation of unlevelled VTEM survey data from an airborne programme completed by Sandfire over the newly established Morck's Well East Project has identified two clusters (Southern & Northern Cluster) of potentially prospective late-time EM anomalies. Both clusters are interpreted to be located within the Karalundi Formation, which hosts the DeGrussa and Monty VMS orebodies (Fig 6). Neither locality has been previously subjected to surface geophysical investigation or drill-testing.



Southern Cluster

The southern cluster is located immediately adjacent to a well-known gold nugget patch (“Frenchy’s”), which is an excised area within E51/1033 (Fig. 6). Outcrop within this area is limited, with pebble conglomerate, siltstone, sandstone and cherty shale, interspersed with low lateritic ferricrete rises and colluvial sheet wash.

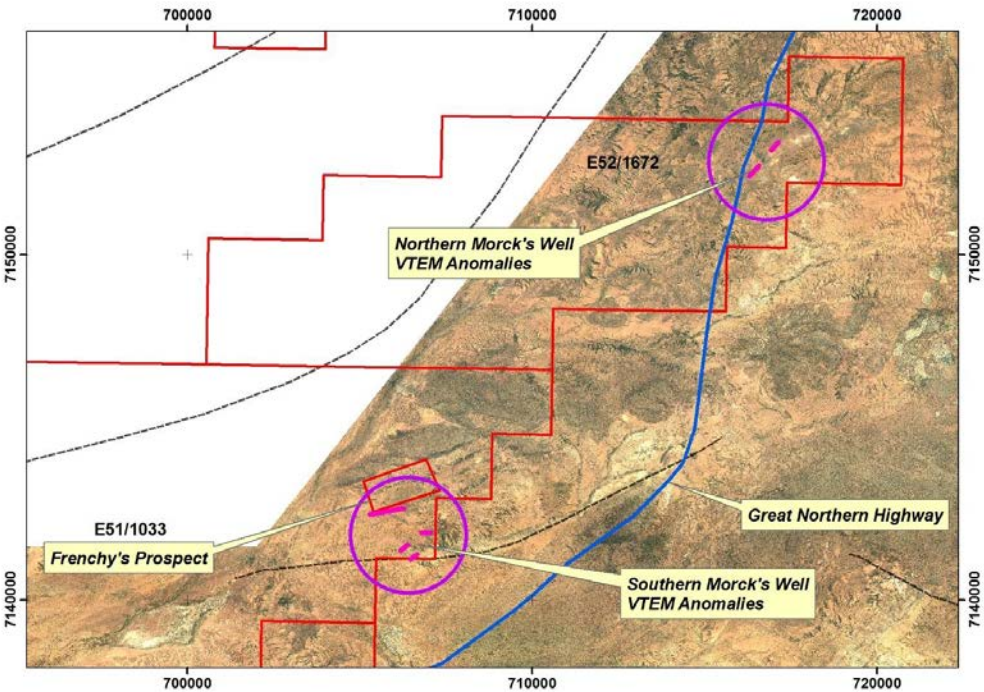


Figure 6: Morck's Well East VTEM anomalies and interpreted geology

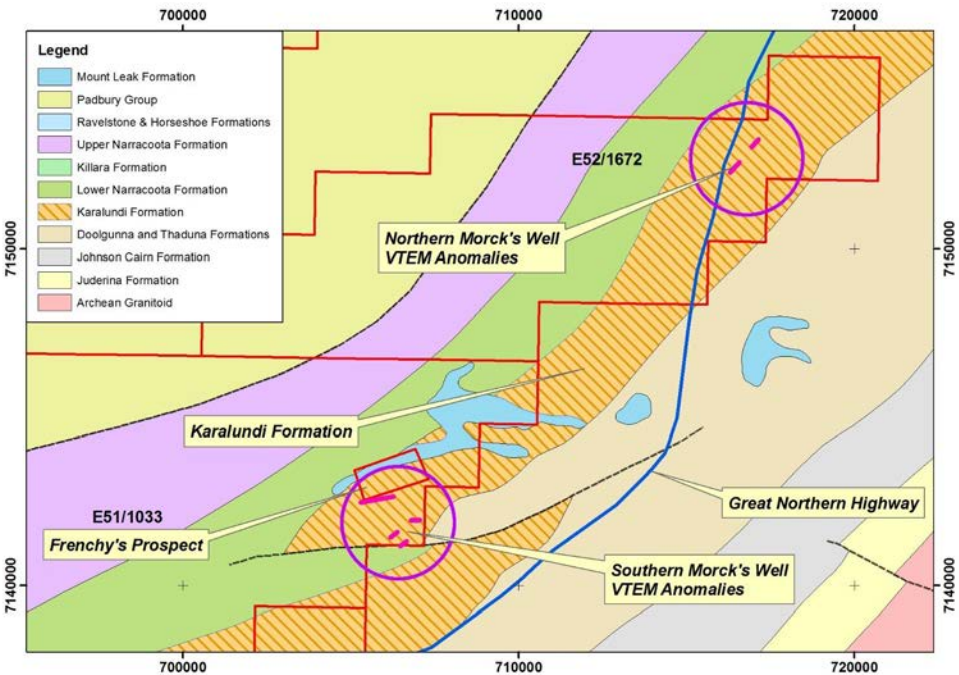


Figure 7: Morck's Well East, Northern & Southern Cluster VTEM anomaly locations



### **Northern Cluster**

The northern cluster includes a southwesterly-trending linear feature that may represent the extension of the Homestead-Vulcan exhalite package. This stratigraphic package is considered a priority target and is currently being evaluated with drilling and downhole geophysics by Sandfire. There is no outcrop in the vicinity of the northern cluster VTEM anomalies, where colluvial sheet wash is extensive.

All of the VTEM anomalies identified so far occur close to significant palaeochannel features and they may represent EM responses to strongly conductive surficial materials (e.g. maghemite). As such, they must be validated by detailed surface fixed-loop EM surveys prior to any further follow-up.

### **Doolgunna Project**

Sandfire has commenced the review of all historical exploration completed on the Doolgunna Project.

### **Concluding Comments**

The Board of Auris remains focused on progressing exploration and project acquisition activities in order to deliver returns to shareholders.

For and on behalf of the Board.

**WADE EVANS**  
**CHIEF EXECUTIVE OFFICER**

Schedule of Mining Tenements as at 31 March 2018					
Tenement Number	Registered Holder	Date Granted	Area Graticular blocks(bk) / Hectares (ha)	Area Sq km	Note
<b>Doolgunna Project</b>					
E52/2438	Auris Minerals Limited	11/02/2010	7bk	21.68	1,8
<b>Morck's Well Project</b>					
E51/1033	Auris Exploration Pty Ltd 80%; Jackson Minerals Pty Ltd 20%	22/09/2005	53bk	161.84	2,3,8
E52/1613	Auris Exploration Pty Ltd 80 Jackson Minerals Pty Ltd 20%	29/03/2006	30bk	92.77	2,3,8
E52/1672	Auris Exploration Pty Ltd 80%; Jackson Minerals Pty Ltd 20%	22/09/2005	35bk	108.02	2,3,8
E52/1910	Auris Exploration Pty Ltd	10/08/2006	41bk	124.21	4
E52/2472	Auris Exploration Pty Ltd	19/11/2009	2bk	6.1	
E52/3001	Auris Exploration Pty Ltd	09/06/2014	1bk	3.1	
E52/3275	Auris Exploration Pty Ltd	01/06/2016	2bk	6.1	
E52/3327	Auris Exploration Pty Ltd	15/10/2015	2bk	6.1	
E52/3350	Auris Exploration Pty Ltd	02/03/2016	3bk	9.2	
E52/3351	Auris Exploration Pty Ltd	02/03/2016	2bk	6.1	
P52/1497	Auris Exploration Pty Ltd	6/3/2015	155.90ha	1.56	
P52/1503	Auris Exploration Pty Ltd	6/3/2015	172.86ha	1.73	
P52/1504	Auris Exploration Pty Ltd	6/3/2015	191.81ha	1.92	
<b>Cashmans Project</b>					
E51/1053	Auris Exploration Pty Ltd	22/09/2005	35bk	105.26	
E51/1120	Auris Exploration Pty Ltd	10/08/2006	40bk	122.46	
	Auris Exploration Pty Ltd 51%	11/11/2010	21bk	64.82	5
E51/1391	Northern Star Resources Ltd 49%				
E51/1641	Auris Exploration Pty Ltd	5/02/2015	20bk	61.86	
E51/1837	Auris Exploration Pty Ltd 51%	19/01/2018	3bk	9.2	5
	Northern Star Resources Ltd 49%				
E51/1838	Auris Exploration Pty Ltd 51%	19/01/2018	11bk	33.62	5
	Northern Star Resources Ltd 49%				
E52/2509	Auris Exploration Pty Ltd 51%				
	Northern Star Resources Ltd 49%	16/06/2011	6bk	18.56	5
E52/3500	Auris Exploration Pty Ltd	5/10/2017	1bk	3.1	
<b>Forrest Project</b>					
E52/1659	Auris Exploration Pty Ltd 80% Jackson Minerals Pty Ltd 20%	27/01/2004	13bk	34.09	2,6
E52/1671	Auris Exploration Pty Ltd 80% Jackson Minerals Pty Ltd 20%	23/11/2004	61bk	185.26	2,6
P52/1493	Auris Exploration Pty Ltd	6/3/2015	191.66ha	1.92	6
P52/1494	Auris Exploration Pty Ltd 80% Jackson Minerals Pty Ltd 20%	6/3/2015	179.33ha	1.79	2
P52/1495	Auris Exploration Pty Ltd 80% Jackson Minerals Pty Ltd 20%	6/3/2015	181.09ha	1.81	2
P52/1496	Auris Exploration Pty Ltd 80% Jackson Minerals Pty Ltd 20%	6/3/2015	183.70ha	1.83	2
<b>Horseshoe West Project</b>					
E52/3248	Auris Exploration Pty Ltd 85% Omni Projects Pty Ltd 15%	31/03/2015	11bk	33.62	7

E52/3291	Auris Exploration Pty Ltd 85%	02/03/2016	13bk	39.73	7
E52/3166	Omni Projects Pty Ltd 15%				
	Auris Exploration Pty Ltd	18/12/2014	34bk	103.92	
<b>Chunderloo Project</b>					
M51/79	Auris Exploration Pty Ltd	26/06/1986	240.05 ha	2.43	
M51/638	Auris Exploration Pty Ltd	25/10/2012	222.00 ha	2.24	
M51/639	Auris Exploration Pty Ltd	25/10/2012	928.00 ha	9.38	
E51/1830	Auris Exploration Pty Ltd	22/11/2017	1bk	3.1	
P51/3013	Auris Exploration Pty Ltd	27/11/2017	182.116 ha	1.82	
<b>Notes:</b> Auris Exploration Pty Ltd (AE) is a wholly owned subsidiary of Auris Minerals Limited. <ol style="list-style-type: none"> <li>1. Ascidian Prospecting Pty Ltd hold a 1% gross revenue royalty from the sale of all minerals.</li> <li>2. Peak Hill Sale Agreement: AE 80%, Jackson Minerals Pty Ltd 20% &amp; free carried to a decision to mine.</li> <li>3. PepinNini Robinson Range Pty Ltd (PRR) hold a 0.8% gross revenue royalty from the sale or disposal of iron ore.</li> <li>4. PRR hold a 1.0% gross revenue royalty from the sale or disposal of iron ore.</li> <li>5. Earning 70% JV interest.</li> <li>6. Westgold Resources Limited owns gold mineral rights over the AE interest.</li> <li>7. AE 85% beneficial interest, Omni Projects Pty Ltd 15% beneficial interest.</li> <li>8. Sandfire Resources NL – Earn-in Agreement with rights to earn 70% interest.</li> </ol>					

### Competent Person's Statement

Information in this announcement that relates to exploration results is based on and fairly represents information and supporting documentation prepared and compiled by Nick Franey MSc (Mineral Exploration) who is a Member of the Australasian Institute of Geoscientists.

The information in this announcement that relates to previously released exploration was first disclosed under the JORC Code 2004. It has not been updated to comply with the JORC Code 2012 on the basis that the information has not materially changed since it was last reported and is based on and fairly represents information and supporting documentation prepared and compiled by Nick Franey MSc (Mineral Exploration) who is a Member of the Australasian Institute of Geoscientists.

Mr Franey is General Manager Geology for Auris Minerals Limited. Mr Franey has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting Exploration Results, Mineral Resources and Ore Reserves. Mr Franey consents to the inclusion in the announcement of the matters based on this information in the form and context in which it appears.

### No New Information

Except where explicitly stated, this announcement contains references to prior exploration results and Mineral Resource estimates, all of which have been cross referenced to previous market announcements made by the Company. The Company confirms that it is not aware of any new information or data that materially affects the information included in the relevant market announcements and, in the case of estimates of Mineral Resources that all material assumptions and technical parameters underpinning the results and/or estimates in the relevant market announcement continue to apply and have not materially changed.



**Forward-Looking Statements**

This announcement has been prepared by Auris Minerals Limited. This document contains background information about Auris Minerals Limited and its related entities current at the date of this announcement. This is in summary form and does not purport to be all inclusive or complete. Recipients should conduct their own investigations and perform their own analysis in order to satisfy themselves as to the accuracy and completeness of the information, statements and opinions contained in this announcement. This announcement is for information purposes only. Neither this document nor the information contained in it constitutes an offer, invitation, solicitation or recommendation in relation to the purchase or sale of shares in any jurisdiction.

This announcement may not be distributed in any jurisdiction except in accordance with the legal requirements applicable in such jurisdiction. Recipients should inform themselves of the restrictions that apply in their own jurisdiction. A failure to do so may result in a violation of securities laws in such jurisdiction. This document does not constitute investment advice and has been prepared without taking into account the recipient's investment objectives, financial circumstances or particular needs and the opinions and recommendations in this representation are not intended to represent recommendations of particular investments to particular persons. Recipients should seek professional advice when deciding if an investment is appropriate. All securities transactions involve risks, which include (among others) the risk of adverse or unanticipated market, financial or political developments.

No responsibility for any errors or omissions from this document arising out of negligence or otherwise is accepted. This document does include forward-looking statements. Forward-looking statements are only predictions and are subject to risks, uncertainties and assumptions which are outside the control of Auris Minerals Limited. Actual values, results, outcomes or events may be materially different to those expressed or implied in this announcement. Given these uncertainties, recipients are cautioned not to place reliance on forward-looking statements.

Any forward-looking statements in this announcement speak only at the date of issue of this announcement. Subject to any continuing obligations under applicable law and ASX Listing Rules, Auris Minerals Limited does not undertake any obligation to update or revise any information or any of the forward-looking statements in this document or any changes in events, conditions or circumstances on which any such forward-looking statement is based.