

Auris Minerals Investor Presentation - Q3 2021

Focused on Making the Bryah Basin's Next Discovery



# PROMINENT POSITION IN A TOP MINING JURISDICTION

Bryah Basin hosts two of the highest grade copper deposits globally

#### Sandfire Resources: DeGrussa Cu-Au

- Discovered 2009
- $\bullet$  Resource 2011 14.3Mt @ 4.6% Cu and 1.6g/t Au for 652 kt Cu and 742koz  $\mbox{Au}^{1}$
- Mine Life to Q3 2022

#### **Sandfire Resources: Monty Cu-Au**

- Discovered in 2015
- Resource 2016 1.05Mt @ 9.4% Cu and 1.6g/t Au for 99kt Cu and 55koz
   Au<sup>2</sup>
- Mine Life to Q3 2022

#### Horseshoe Metals: Horseshoe Lights Cu-Au-Ag

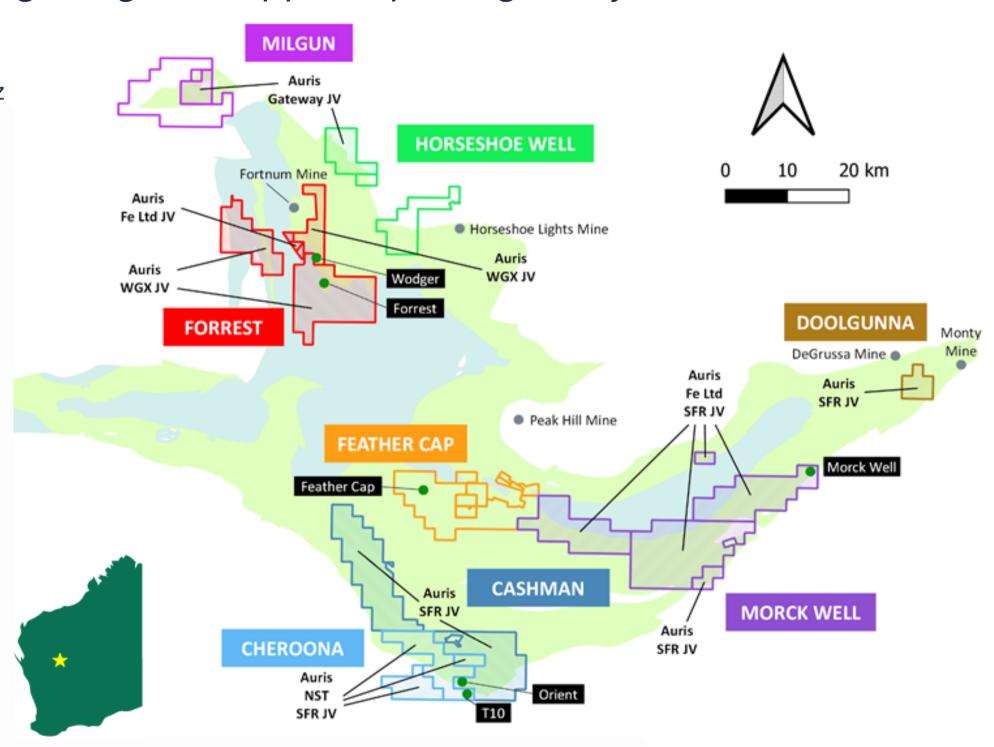
- Production: 56kt Cu, 309Koz Au & 1.6Moz Ag
- Mineral Resource 12.9Mt @ 1.0% Cu & 0.1g/t Au 129kt Cu & 36koz Au

#### Westgold: Fortnum Au

- Production: 2.2Moz Au
- Mineral Resource (Aug 2020): 1.3Moz Au<sup>4</sup>
- 21.8Mt @ 1.9g/t Au

#### Westgold: Peak Hill Au

• Production: >900koz Au





## **BRYAH BASIN PORTFOLIO SUMMARY**

Significant ~1,369 km² landholding prospective for both volcanic-hosted massive sulphide (VHMS) and gold in the Bryah Basin

#### **PROJECT AREAS:**

- 1 Forrest (80% AUR)
- 2 Cheroona (SFR-NST-AUR JV)
- 3 Cashman (SFR-AUR JV)
- 4 Doolgunna (SFR-AUR JV)
- Morck Well (SFR-FEL-AUR JV)
- 6 Feather Cap (100% AUR)
- 7 Horseshoe Well (85-100% AUR)
- 8 Milgun (85-100% AUR)

#### **PORTFOLIO HIGHLIGHTS**

- Maiden Resource defined at Forrest Project of 2.4 Mt @ 1.7% Cu for 41,500 t Cu metal
- High Grade Copper and Gold mineralisation within drilling at Morck Well along strike of SFR's Old Highway deposit
- 100% Auris Feather Cap Project located along strike from high grade gold mineralisation within Morck Well and WGX Durack Gold Resource (112,000oz)
- Upcoming exploration including drilling programs at Feather Cap, Forrest and Morck Well Projects
- Sandfire's continued aggressive exploration within Bryah Basin JV projects



## RECENT EXPLORATION PROGRESS

### Significant exploration inroads made across key targets

#### Joint Venture Portfolio:

- MLEM anomaly identified at Doolgunna potentially associated with sulphide mineralisation, located 5km southeast from the DeGrussa Copper-Gold Mine and along strike to the southwest of Salmon Gold Prospect which has returned results including 5m@ 9.0g/tAu from 22m including 2m @ 19.1g/tAu from 23m (DRC059)<sup>1</sup>
- Significant gold results from regional 800 x 100m-spaced, infill Air Core drilling campaign at Morck Well

### Auris Managed Portfolio:

- IP survey testing a 4.5km strike extent of copper anomalous trend inclusive of Forrest and Wodger Resources identifies several drill targets
- A potential 5.6km trend of significant gold mineralisation identified at Morck Well including
   2.2km which extends into Auris' 100%-owned Feather Cap Project
- Diamond drilling of resource extensions at Forrest and Wodger deposits completed



1 Refer RNI ASX Announcement dated 31 October 2011

# FORREST PROJECT (inclusive of Forrest and Wodger deposits) 80% AUR <sup>1</sup>

- Forrest Project located 6km south along strike from Westgold's Starlight **VHMS** intersection
- Equivalent stratigraphic position to Horseshoe Lights Cu-Au deposit
- Total JORC Compliant Copper Resource comprising Forrest and Wodger deposits of **2.4Mt at 1.7% Cu for 41,500t Cu metal**<sup>2</sup>
- Copper mineralisation at Forrest and Wodger deposits remains open down dip and plunge
- Structural review of the Forrest Project, incorporating recent data collected from diamond drilling in progress to assist with future targeting

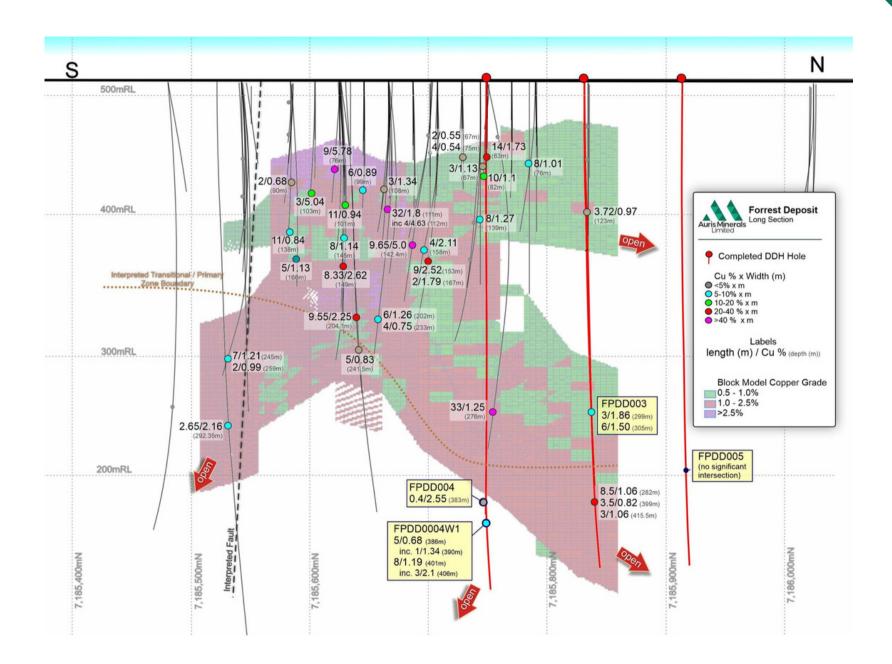
Prospect	Туре	Tonnage	Cu	Au	Cu	Au
		(t)	(%)	(g/t)	(t)	(oz)
Wodger	Oxide	28,000	1.5	0.22	420	200
	Transitional	490,000	2.1	0.44	10,200	7,000
	Fresh	845,000	1.6	0.48	13,500	13,100
	Total	1,363,000	1.8	0.46	24,200	20,200
Forrest	Oxide	4,000	1.3	0.25	50	30
	Transitional	354,000	2.2	0.64	7,600	7,300
	Fresh	681,000	1.4	0.31	9,600	6,800
	Total	1,039,000	1.7	0.42	17,300	14,100
Grand Total		2,402,000	1.7	0.44	41,500	34,300

Forrest Project June 2020 Mineral Resource Estimate (1.0% Copper Cut-Off)



## **FORREST DEPOSIT**

- Discovered in 2014 through re-assaying of gold focused drilling
- RC and diamond drilling significant intercepts include;
  - FGDD001: 9.65m @ 5.00% Cu and 1.91g/t Au from 142.4m<sup>1</sup>
  - FGDD003: 9.55m @ 2.25% Cu and 0.66g/t Au from 204.1m<sup>1</sup>
  - FPRC022: 11m @ 4.83% Cu and 1.18g/t Au from 76m<sup>-1</sup>
  - FPRC029: 33m @ 1.25% Cu from 276m 2
  - FPDD002: 8.5m @ 1.06% Cu and 0.42g/t Au from 382m<sup>2</sup>
- Potential for plunge extensions to copper mineralisation



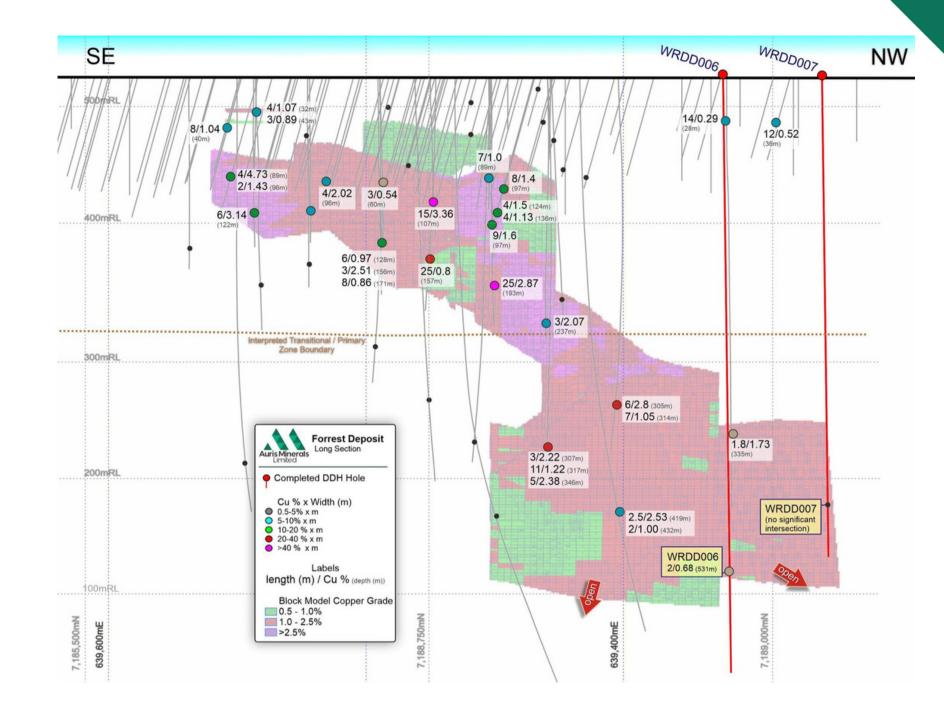
Forrest Deposit Longitudinal Projection



## **WODGER DEPOSIT**

Hosts a JORC Compliant Copper Resource of 1.36Mt at 1.8% Cu and 0.46g/t Au for 24,200t Cu and 20,200oz Au<sup>1</sup>

- RC and diamond drilling significant intercepts include:
  - WDRC005: 25m @ 2.87% Cu and 0.48g/t Au from 193m<sup>2</sup>
  - WDRC002: 6m @ 3.14% Cu and 2.61g/t Au from 122m<sup>2</sup>
  - WDRC018: 6m @ 2.80% Cu and 1.51g/t Au from 305m
     incl. 1m @ 8.28% Cu and 5.74g/t Au
  - WRC109: 4m @ 4.73% Cu from 89m<sup>3</sup>
  - WRDD005: 1.8m @ 1.73% Cu from 335m³
     incl 0.2m @ 9.62% Cu from 336.6m
- Potential for plunge extensions to copper mineralisation

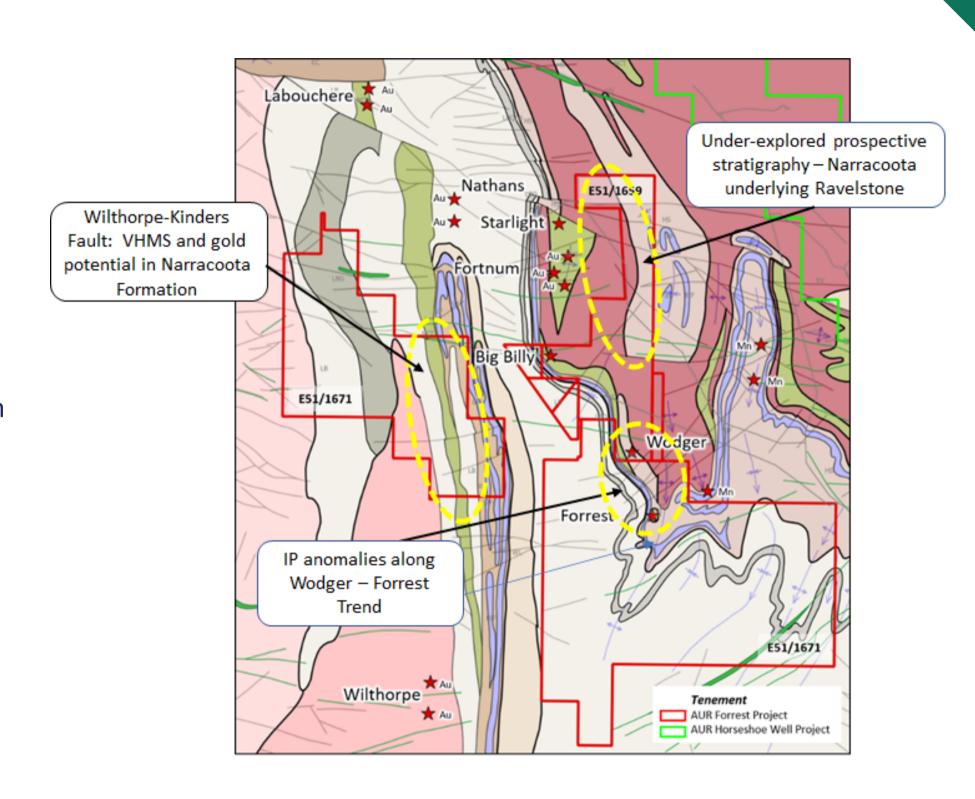


Wodger Deposit Longitudinal Projection



# FORREST PROJECT - REGIONAL PROSPECTIVITY

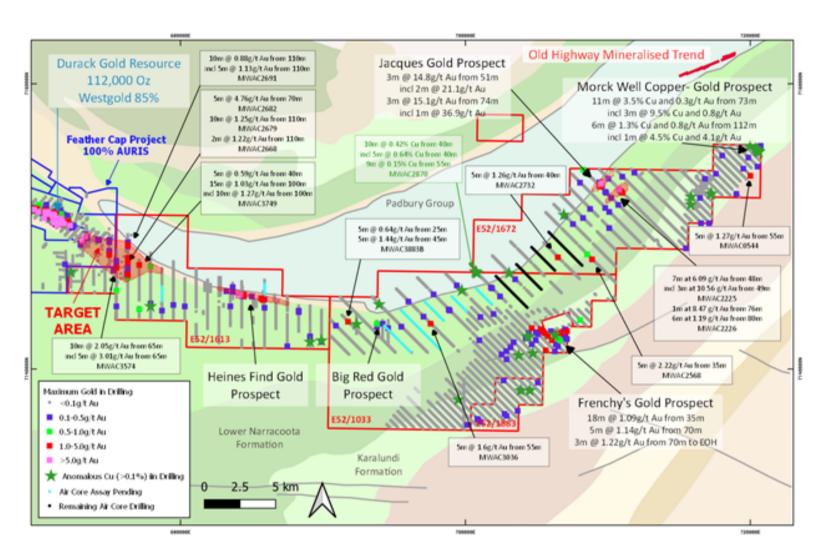
- Regionally underexplored geological trend
  - IP targets recently identified within 4.5km of anomalous trend encompassing the Forrest and Wodger deposits
  - Multiple untested geochemical, VTEM, Magnetic, gravity anomalies along the Big Billy - Wodger - Forrest trend
  - VHMS and gold potential in Narracoota Formation
  - Untested stratigraphy at depth under the Ravelstone Formation
  - Air Core drilling completed between Wodger and Big Billy:
    - 14m @ 0.29% Cu from 28m to EOH
    - 8m @ 0.13% Cu from 24m
    - 12m @ 0.52% Cu from 36m
- Air Core drilling planned to further evaluate IP target areas and anomalous drilling





# SANDFIRE RESOURCES JV - MORCK WELL

- SFR to sole fund exploration until a Feasability Study is completed on a discovery of >50,000t copper or metal equivalent Sandfire to then earn 70% interest
- Agressive exploration program since commencement of JV including Air Core,
   RC and Diamond Drilling and DHEM and MLEM surveys
- Significant Copper returned from Air Core drilling includes:<sup>1</sup>
  - 11m @ 3.5% Cu (MWAC0109)
  - 6m @ 1.3% Cu (MWAC0111)
  - 9m @ 2.3% Cu (MWAC0112)
- Significant Gold returned from 800m x 100m spaced Air Core drilling includes:
  - 7m at 6.09 g/t Au (MWAC2225)
  - 5m @ 4.76g/t Au (MWAC2682)
  - 10m @ 2.05g/t Au (MWAC3574)
  - 10m @ 1.25g/t Au (MWAC2679)
  - 15m @ 1.03g/t Au (MWAC3749)
  - 6m at 1.19 g/t Au (MWAC2226)
- SFR's Old Highway Gold Deposit located approx. 8km to the NE along strike from Morck Well a major focal point of SFR's gold strategy in the region



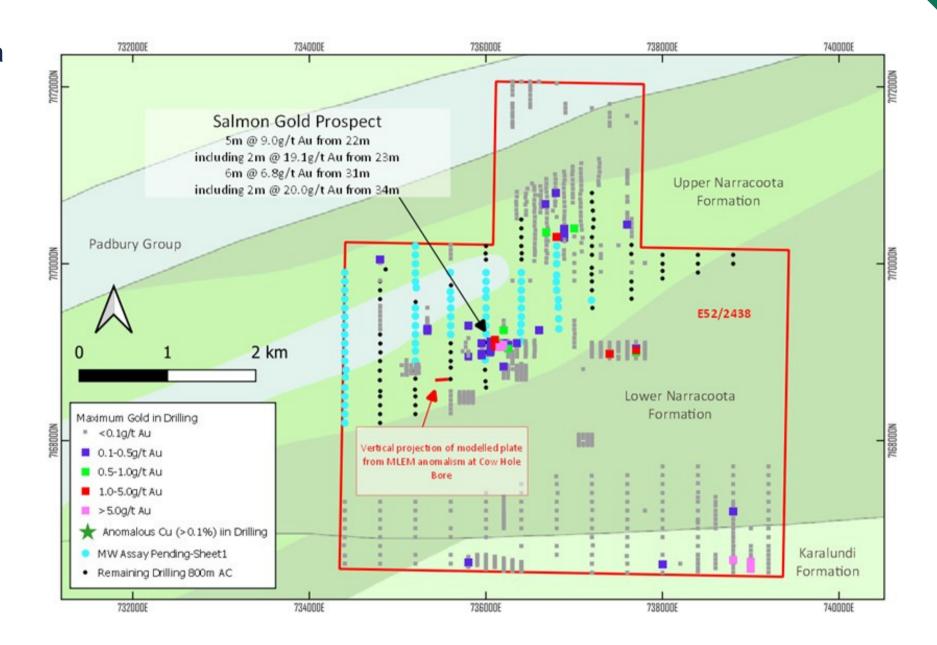
Morck Well Project Summary Geology and Drilling Plan (as per June 2021)

- Regional Air Core drilling completed in the west of the project area has highlighted a 3.4km trend of significant gold mineralisation
- Significant heritage clearance underway (>270-line km) to allow completion of Infill Air Core drilling to 400m line spacing planned to evaluate significant results within 800m line spaced regional Air Core



# SANDFIRE RESOURCES JV - DOOLGUNNA

- Significant MLEM anomaly identified 5km southeast from the DeGrussa Copper-Gold Mine – potentially associated with copper sulphide mineralisation at depth<sup>1</sup>
- RC drill hole to be completed this quarter to test modelled MLEM anomalism
- MLEM anomalism identified at Cow Hole Bore located 750m along strike to the south west of Salmon Gold Prospect which has returned results including 5m @ 9.0g/t Au from 22m including 2m @ 19.1g/t Au from 23m (DRC059)
- 68 Air Core holes for 3,829m were completed within the Doolgunna Project tenement E52/2438 assays pending
- 42 Air Core holes remain to be drilled as part of the infill drilling programme



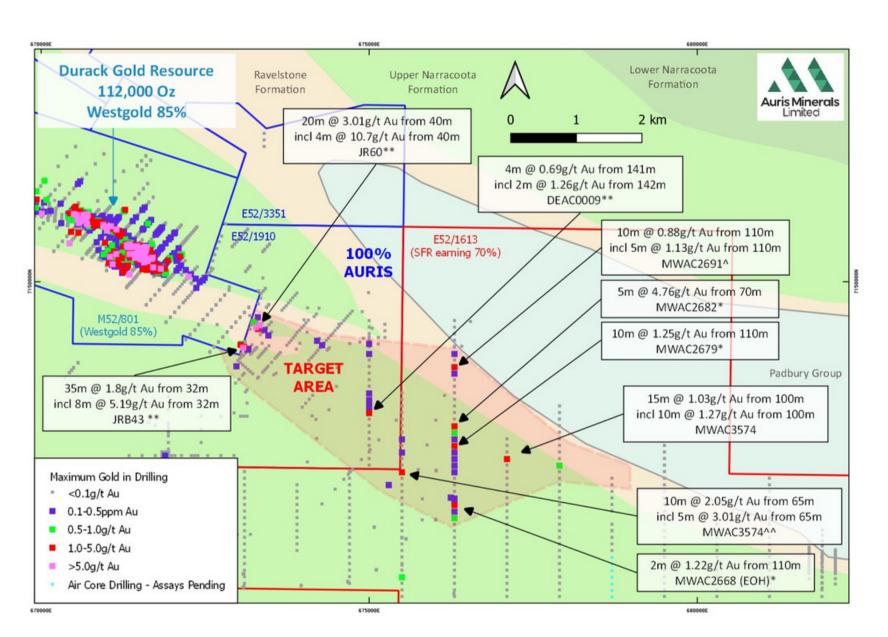
Drilling Summary Plan - Doolgunna Project

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# FEATHER CAP PROJECT (100% AUR)

- Prospective for both orogenic gold and Horseshoe Lights style Cu-Au VHMS mineralisation
- Two Priority Gold targets *Durack East* and *Feather Cap Prospects*
- Gold potential of the area is further highlighted by Westgold Resources' 112,000 ounce Durack Gold Resource west of Durack East<sup>1</sup>
- Durack East Prospect 2.2km of a total 5.6km gold prospective trend inclusive of SFR Morck Well Air Core gold anomalism along strike to the east <sup>2</sup>
  - 20m @ 3.01g/t Au incl 4m @ 10.7g/t Au (JR60)
  - 35m @ 1.80g/t Au incl 8m @ 5.19g/t Au (JRB43)
  - 4m @ 0.69g/t Au incl 2m @ 1.26g/t Au (DEAC0009)
- Feather Cap prospect 1.8km gold anomalous trend, open to the north and south:<sup>3</sup>
  - 5m @ 1.39g/t Au (FCAC093)
  - 11m @ 0.82g/t Au (FCAC039)
  - 2m @ 1.14g/t Au (FCAC081)
- Follow up Air Core planned at both prospects during Q3 2021



Durack East Prospect Summary Geology and Drilling Plan

<sup>1</sup> Durack Gold Resource - Refer WGX announcement dated 4 September 2017

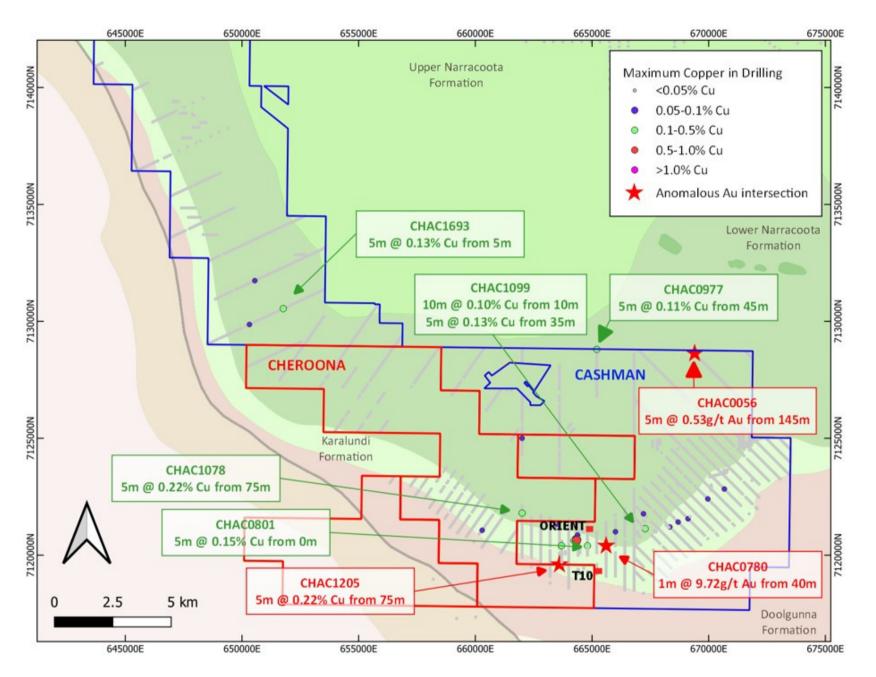
<sup>2</sup> Durack East Results - Refer AUR ASX Announcements 30 March 2020, 20 April 2020, 17 July 2020, 23 October 2020, 20 January 2021, 20 April 2021 and 9 June 20201

<sup>3</sup> Feather Cap Results - Refer AUR ASX Announcement 28 January 2021



# SANDFIRE RESOURCES: CASHMAN/CHEROONA PROJECTS

- SFR to sole fund exploration until a Feasibility Study is completed on a discovery of >50,000t copper or metal equivalent - Sandfire to then earn 70% interest
- Southern leases cover the most prospective VHMS unit the Karalundi Formation (DeGrussa-host stratigraphy). Narracoota-Ravelstone contact may have potential for Horseshoe Lights style VHMS
- The Orient Cu gossan consists of outcropping jasperoidal chert with visible malachite within the Karalundi Formation:
  - 12.8% Cu, 41.7g/t Au, 0.38% Zn, 0.35% Pb and 337ppm As
- Previous drilling identified a continuation of copper sulphides at depth below the gossan. Best results include:
  - **OTRC004:**<sup>2</sup>
    - 5m @ 0.86g/t Au from 96m
    - 5m @ 0.25% Cu from 101m
    - 16m @ 0.43% Zn from 101m
  - OTRC006:2
    - 9m @ 0.34g/t Au, 0.16g/t Ag, 0.19% Cu from 294m, incl. 1m @ 3.42g/t Au from 301m
- Significant copper and gold results from completed SFR regional Air Core Drilling include: 3
  - 1m @ 9.72g/t Au from 40m CHAC0780
  - 10m @ 0.10% Cu from 10m CHAC1099
  - 5m @ 0.22% Cu from 0m CHAC0801



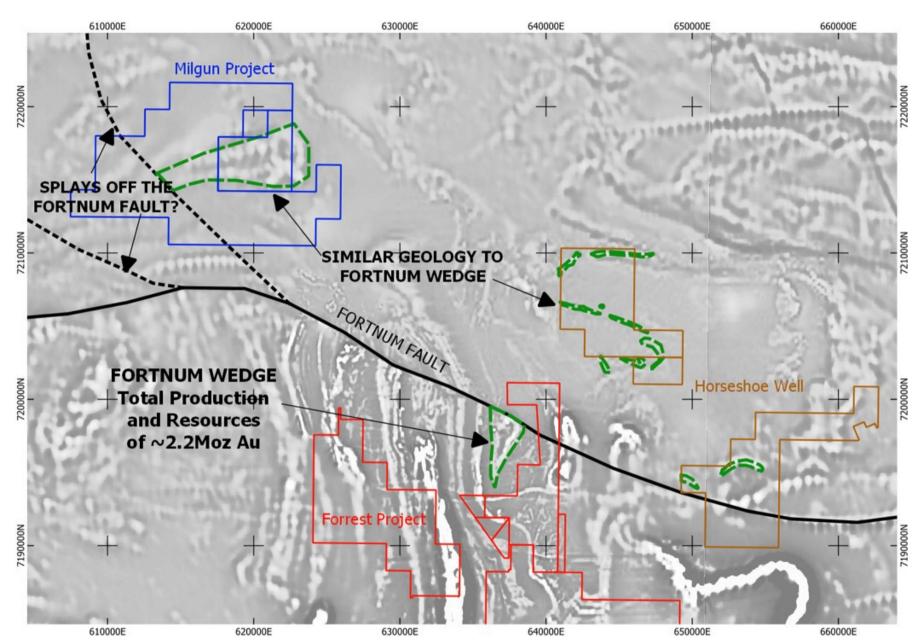
Geological interpretation of the Cashman and Cheroona Projects completed regional Air Core Drilling

<sup>2</sup> AUR ASX Announcement dated 8 November 2016



# HORSESHOE WELL AND MILGUN PROJECT

- Horseshoe Well<sup>1</sup> and Milgun<sup>2</sup> Projects are regionally underexplored
- Milgun E52/3248 geology similar to Fortnum Wedge which has total production and resources of 2.2Moz<sup>3</sup>
- Rock chip and soil sampling within E52/3248 returned anomalous rock chip results up of 0.52ppm Au, 3470ppm As and 22.4ppm Sb within interpreted structural corridor which historically has returned historic sporadic gold and pathfinder elements within rock chip sampling and RAB drilling
- Auger sampling on E52/3291 in 2017 highlighted a coincident low level Cu-Pb-Zn anomaly in surface cover which correlates with interpreted Narracoota Formation
- Edmund-Collier Group rocks cover prospective Bryah Group rocks in the north of the projects
- Regional Air Core drilling planned to evaluate geological, geophysical and geochemical target areas



Location of Milgun and Horseshoe Well Projects (underlying Aeromagnetic image)

<sup>2</sup> Milgun Project: E52/3248 : Auris 85%, Gateway Mining 15% free carried until Decision to Mine



## **NEAR-TERM VALUE DRIVERS**

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Further infill Air Core drilling of 5.6km gold anomalous trend covering Morck

Well and Feather Cap



Greenfield opportunities at Horseshoe Well and Milgun



Continued aggressive exploration by Sandfire on Bryah Basin JV projects



RC drill hole to test Doolgunna MLEM anomaly planned for Q3 2021



Auris continues to assess strategic project opportunities in line with current copper and gold exploration focus



Sandfire to develop Old
Highway gold deposit which
augers well for a potential gold
discovery at Morck Well



## **CORPORATE SNAPSHOT**

#### **BOARD AND MANAGEMENT**

Neville Bassett

Craig Hall

Non-Exec Chairman

Non-Exec Director

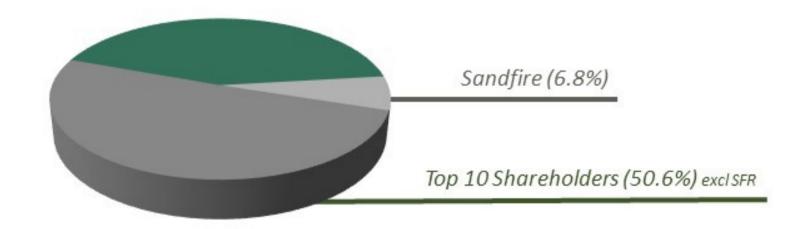
Chris Achurch

Company Secretary

Mike HendriksManaging DirectorMatthew SvenssonExploration Manager

### **SHAREHOLDER DISTRIBUTION**

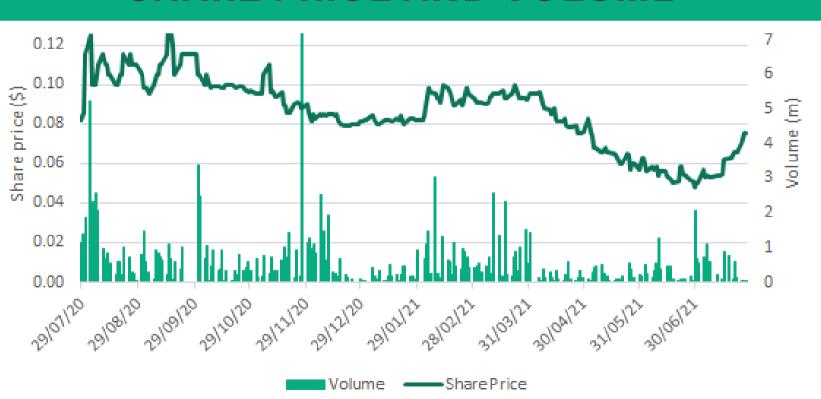
Top 20 shareholders - 70%



#### **CAPITAL STRUCTURE**

Share Price (as at 30 July)	\$0.074
Shares on issue	447m
<b>Market Capitalisation</b>	~\$33m
Cash (as at 21 July)	\$3.3m
Debt	Nil

### **SHARE PRICE AND VOLUME**





# COMPETENT PERSON'S STATEMENT & DISCLAIMER

Information in this announcement that relates to exploration results is based on and fairly represents information and supporting documentation prepared and compiled by Matthew Svensson who is a Member of the Australian 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 Matthew Svensson who is a Member of the Australian Institute of Geoscientists. Mr Svensson is Exploration Manager for Auris Minerals Limited. Mr Svensson 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 Svensson 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**

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