

For personal use only



# Artemis Resources Limited

ASX - ARV

US OTC - ARTTF : US

Frankfurt - ATY : FRA

## Gold and Cobalt in the Pilbara

Investor Deck - September 2018

## Disclaimer

This presentation has been prepared by Artemis Resources Limited (“ARV” or the “Company”). It should not be considered as an offer or invitation to subscribe for, or purchase any, securities in the Company or as an inducement to make an offer or invitation with respect to those securities. No agreement to subscribe for securities in the Company will be entered into on the basis of this presentation.

## Competent Person Statements

The information in this document that relates to Exploration Results and Exploration Targets is based on information compiled or reviewed by Edward Mead, who is a Member of the Australasian Institute of Mining and Metallurgy. Mr Mead is a Director of Artemis Resources Limited and is a consultant to the Company, and is employed by Doraleda Pty Ltd. Mr Mead 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 of Exploration Results, Mineral Resources and Ore Reserves’. Mr Mead consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

## Forward Looking Statements

This presentation contains forecasts, projections and forward looking information. Such forecasts, projections and information are not a guarantee of future performance and involve unknown risks and uncertainties, many of which are out of Artemis’ control. Actual results and developments will almost certainly differ materially from those expressed or implied. Artemis has not audited or investigated the accuracy or completeness of the information, statements and opinions contained in this presentation. To the maximum extent permitted by applicable laws, Artemis makes no representation and can give no assurance, guarantee or warranty, express or implied, as to, and takes no responsibility and assumes no liability for (1) the authenticity, validity, accuracy, suitability or completeness of, or any errors in or omission from, any information, statement or opinion contained in this presentation and (2) without prejudice to the generality of the foregoing, the achievement or accuracy of any forecasts, projections or other forward looking information contained or referred to in this presentation.

Throughout this presentation all figures are quoted in A\$ dollars unless otherwise stated. You should not act in reliance on this presentation material. This overview of the Company does not purport to be all inclusive or to contain all information which its recipients may require in order to make an informed assessment of Artemis’ prospects. You should conduct your own investigation and perform your own analysis in order to satisfy yourself as to the accuracy and completeness of the information, statements and opinions contained in this presentation before making any investment decision.

## Announcements referred to in Presentation

- ASX Announcement dated 25<sup>th</sup> June 2018 “Artemis and Novo JV Commits to \$5.4 million JV Budget”
- ASX Announcement dated 30<sup>th</sup> April 2018 “High Grade Nickel at Radio Hill”
- ASX Announcement dated 11<sup>th</sup> April 2018 “High Grade Cobalt, Copper & Zinc Drilled at Whundo”
- ASX Announcement dated 24<sup>th</sup> April 2017 “6,54% Cobalt in Drilling Results – Carlow Castle Project”
- ASX Announcement dated 28<sup>th</sup> April 2017 “Acquisition Completed and Institutional Placement”
- ASX Announcement dated 25<sup>th</sup> July 2018 “2.32% Cobalt in Shallow Drilling at Carlow Castle”
- ASX Announcement dated 6<sup>th</sup> August 2018 “Exceptional Au, Co and Cu Intercepts Persist at Carlow Castle”
- ASX Announcement dated 12<sup>th</sup> September 2018 “New High Grade Cobalt Zone at Carlow Castle”

In accordance with Listing Rule 5.23.2, Artemis confirms that it is not aware of any new information or data that materially affects the information included in the relevant market announcement referred to above, and that in the case of mineral resources that all material assumptions and technical parameters underpinning the estimates in the announcement referred to continue to apply and have not materially changed.

# Artemis – Our Value Proposition



## Who is Artemis?

- Artemis Resources Limited (Artemis – ASX: ARV / OTC: ARTTF / Frankfurt: ATY) is the **first** West Pilbara company to consolidate a significant portfolio of base, battery and precious metal assets with a strategically located processing plant.

## What is the Strategy?

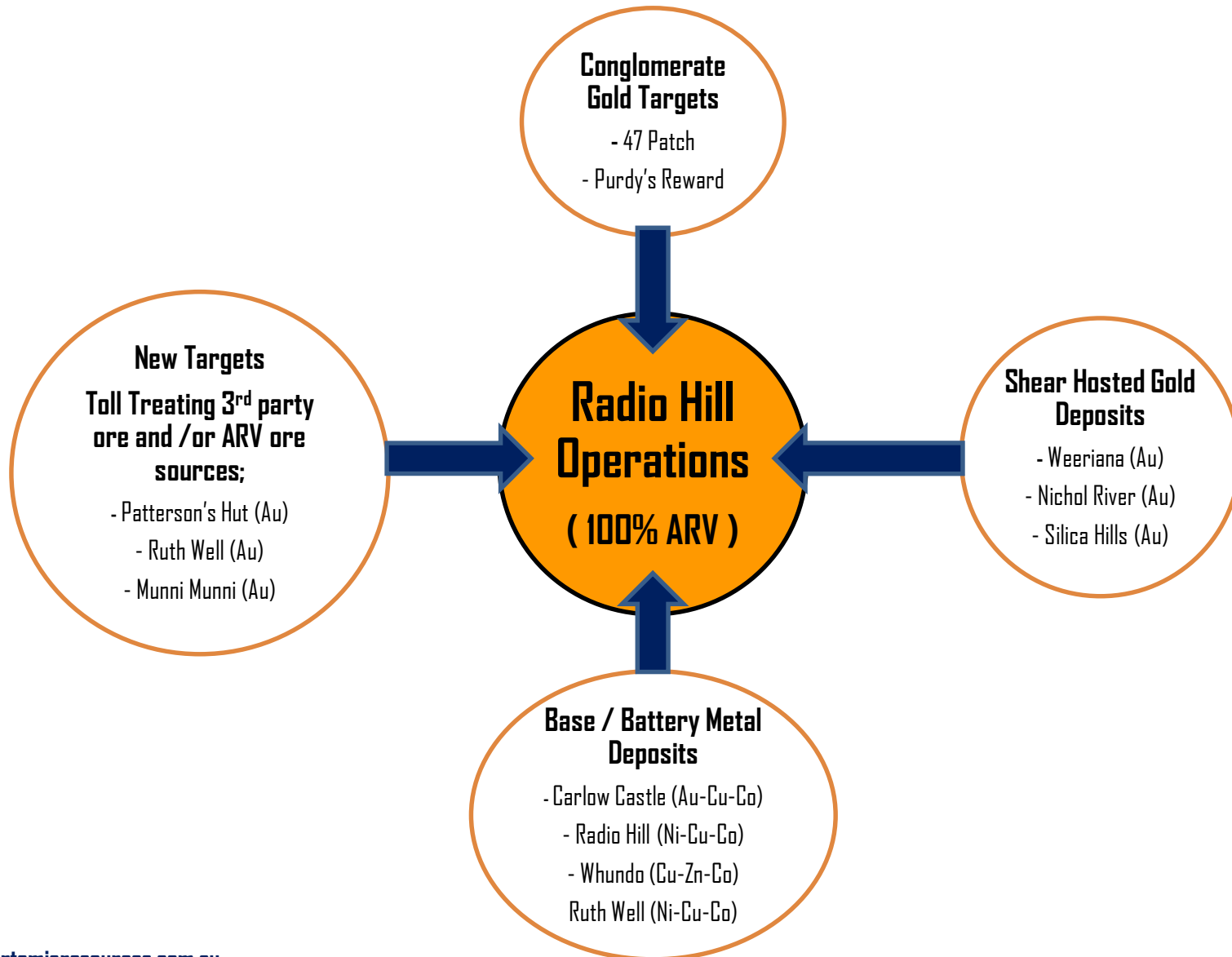
- Explore the Pilbara aggressively, be nimble corporately and expand our 100% owned Radio Hill Operation into a long term producer of gold and high quality base and battery metal concentrates.

### ARV has the resources to deliver the strategy, including:

- Cash of **\$27M @ 30 June 2018**.
- **≈2,600km<sup>2</sup> of prospective Pilbara gold and base/battery metal tenure (100% controlled or via JV).**
- **A de-risked conglomerate Au strategy - via 50:50 JV with Novo Resources Corp (NVO) on conglomerate and paleoplacer targets.**
- **Growing JORC compliant gold and base metal resources including Carlow Castle, the best scalable Au-Co-Cu deposit in Australia.**
- **100% owned Radio Hill processing plant and infrastructure – a 0.5Mtpa base metal and gold concentrator 35km from Karratha with new Au circuit.**
- **A dynamic and experienced management team with extensive base metal and gold exploration, development and operations expertise, and**
- **A strong news pipeline ahead.**

# Hub and Spoke Strategy – we own 100% of the Hub

For personal use only



# ARV Corporate Snapshot



## ARTEMIS RESOURCES LIMITED

ASX ticker	ARV
Frankfurt ticker	ATY
US Ticker – OTC	ARTTF
Shares on Issue @ 30/6	633M
Share Price @ 13/9	18.5
Market Cap A\$	\$117M
Cash @ 30/6	\$27M
Debt @ 30/6	\$3.9M conv note
Enterprise value @ 30/6	\$11M
30 day avg daily volume	0.9M
90 day avg daily volume	1.3M
52 week Low-High	15.5c – 59c

## BOARD AND MANAGEMENT

David Lenigas	Executive Chairman
Ed Mead	Executive Director
Alex Duncan-Kemp	Executive Director
Sheikh Maktoum Hasher al Maktoum	Non Exec Director
Wayne Bramwell	CEO
Guy Robertson	Company Secretary

## SIGNIFICANT SHAREHOLDERS

## SHAREHOLDING @ 30/6

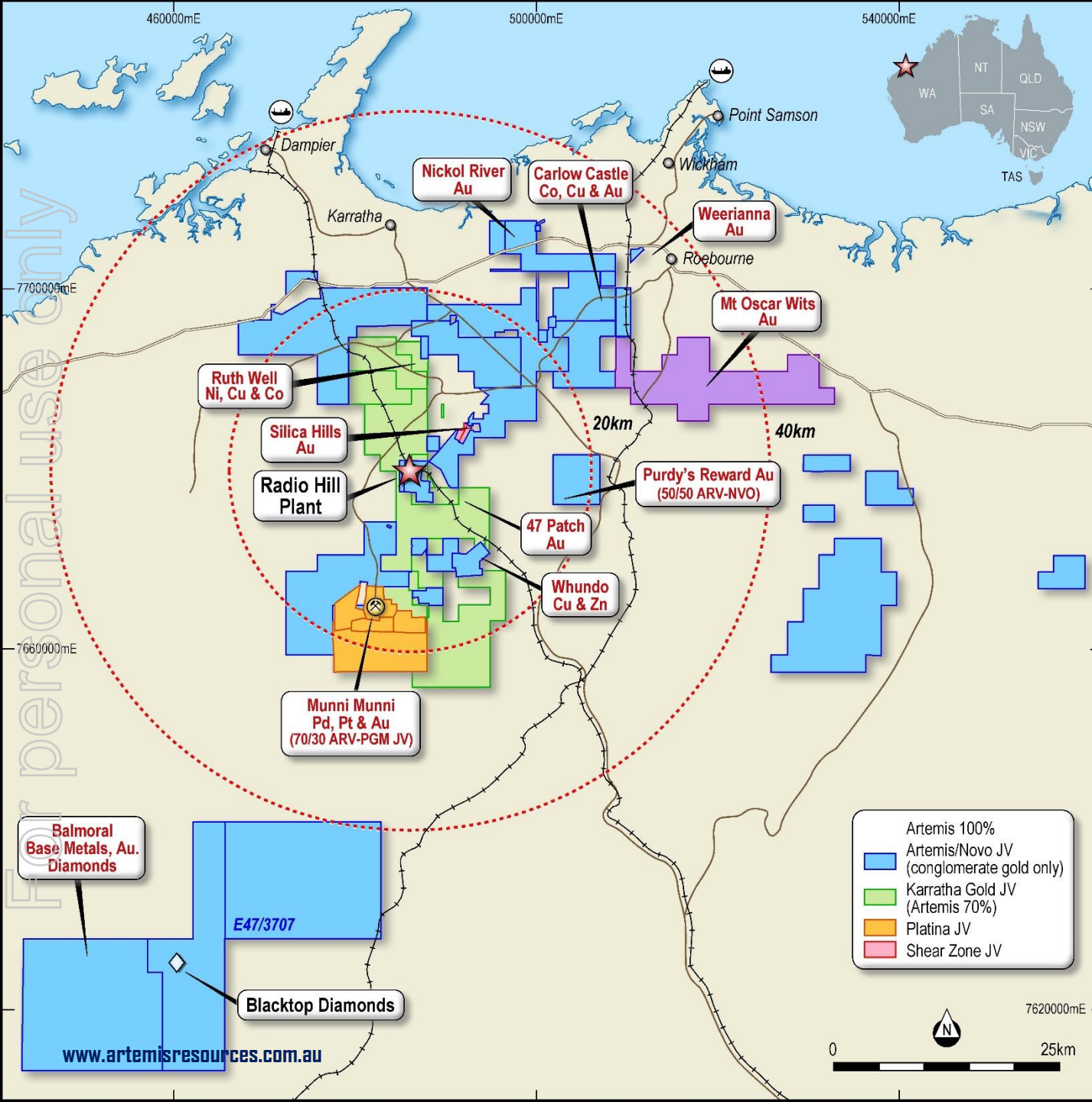
Exchange Minerals FZE	8.0%
Veni Vidi Vici Limited	5.7%
David Lenigas	3.9%



# Artemis – Gold and Cobalt driving valuation...

Sep 14, 2015 - Sep 12, 2018 ● ARV





**2,600 km<sup>2</sup>**  
**of the**  
**Pilbara's**  
**best Au,**  
**base and**  
**battery**  
**tenure**

For personal use only



1.0

# A De-risked Conglomerate Gold Strategy



# The Pilbara Goldrush - today



Since 2017 many ASX and TSX:V companies have entered the conglomerate Au arena in the Pilbara:

- **Artemis** was first mover – now there are >15 companies with Pilbara conglomerate gold exposure.

Artemis JV partner Novo driving the exploration momentum in search for conglomerates.

Novo focused on resource definition and bulk sampling at Purdy's Reward (50:50 ARV-NVO) and Comet Well (100% NVO).

Several regional players bulking up

Novo and Pacton Gold aggressively acquiring more ground.

Several have hard rock Au resources

- ARV, TSX - NVO , ASX – CAI and ASX - DEG

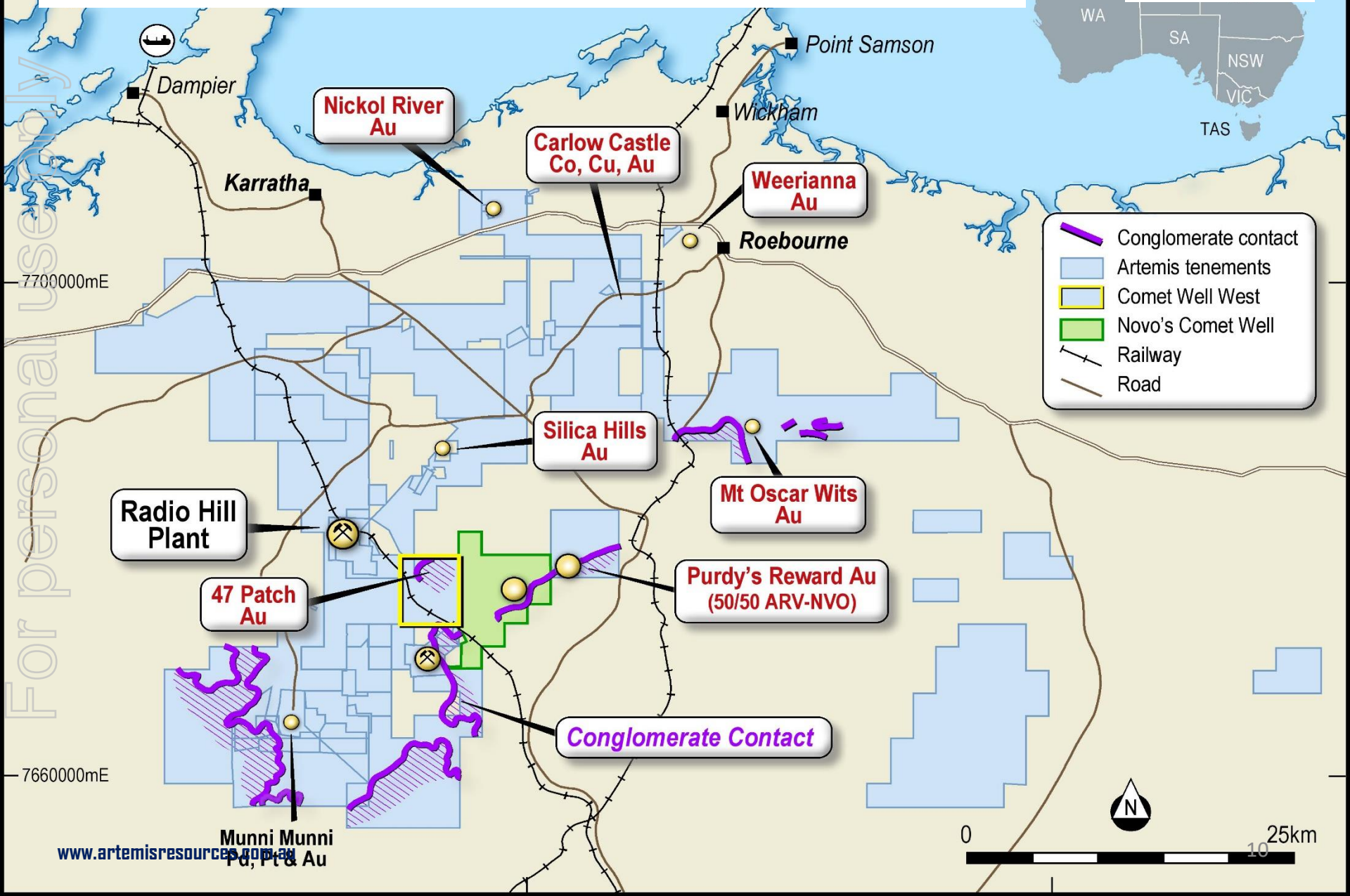
Only **ONE** group with a processing capacity

- New gold circuit being installed at 0.5 Mtpa Radio Hill Operations (100% owned by ARV)



6 Oz Nugget from 47 Patch

# ARV has Exposure to >67km of Conglomerate Contact



For personal use only



# De-risked via a 50:50 JV with Novo



Artemis has de-risked its conglomerate strategy via a 50:50 JV with Novo Resources Corp;

- JV is for conglomerate and/or paleoplacer style mineralization across Artemis' tenements within 100 km of the City of Karratha, including at Purdy's Reward ("the Gold Rights").

The Gold Rights do not include:

- (i) gold disclosed in Artemis' existing (at 18 May 2017) JORC Code Compliant Resources and Reserves; or
- (ii) gold which is not within conglomerate and/or paleoplacer style mineralization; or
- (iii) minerals other than gold.

- The Definitive Agreements cover 36 tenements / tenement applications that are 100% owned by Artemis.

- Artemis' Mt Oscar Wits, 47 Patch and Munni Munni tenements are excluded from the Definitive Agreements.

**\$5.4M**  
**JV exploration budget to June 2019.**

For personal use only



# Shear hosted Gold Resources



For personal use only



Rock Chip at Silica Hills

Total Global  
Resource Oz Au  
273,000 Oz Au



Carlow Castle  
136,000 Oz Au  
- New resource  
pending

Weeriana  
71,000 Oz Au

Mt Clement  
65,000 Oz Au



# Conglomerate Gold ? - Size Matters...

For personal use only



Purdy's  
Reward

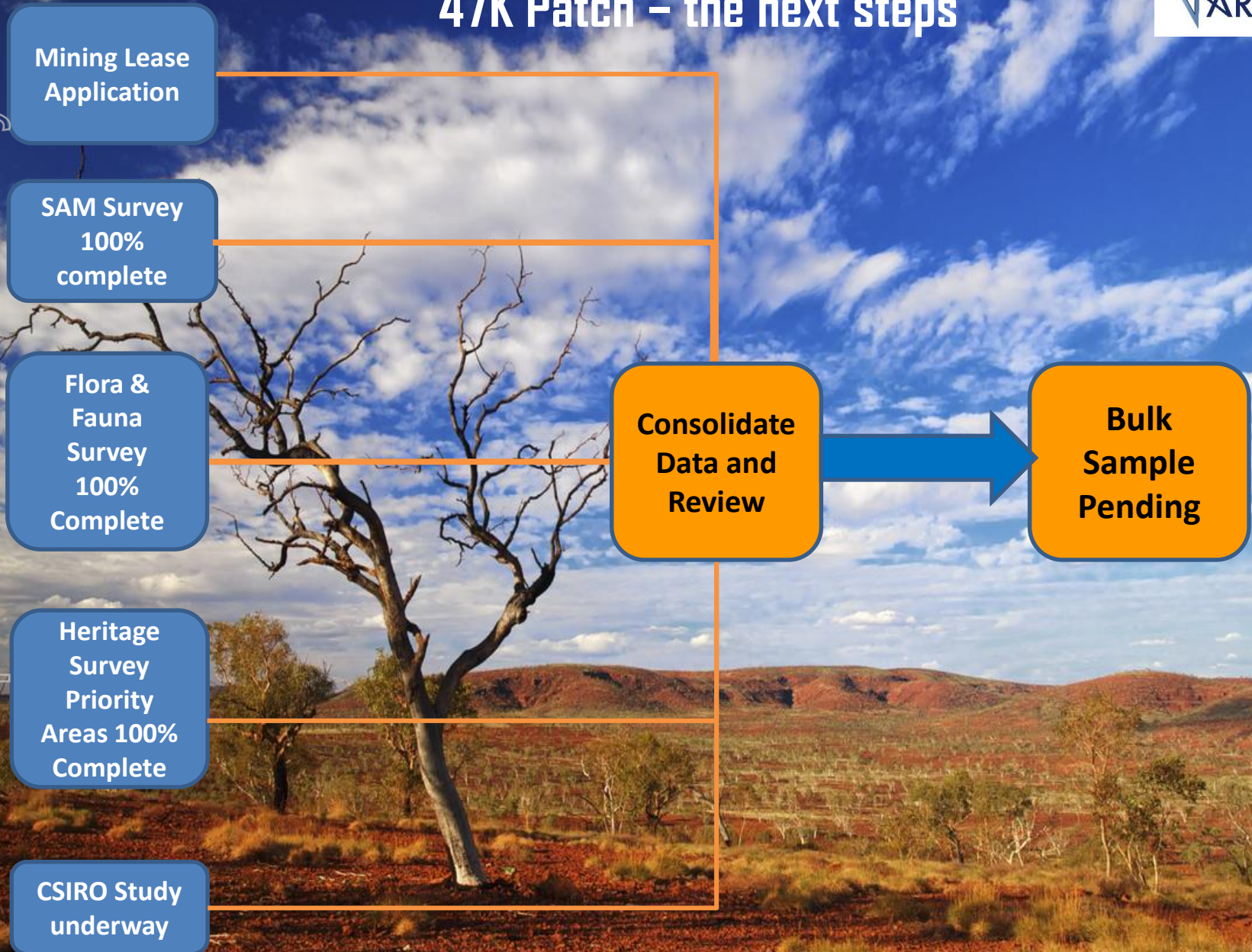


47 K  
Patch



# 47K Patch – the next steps

For personal use only



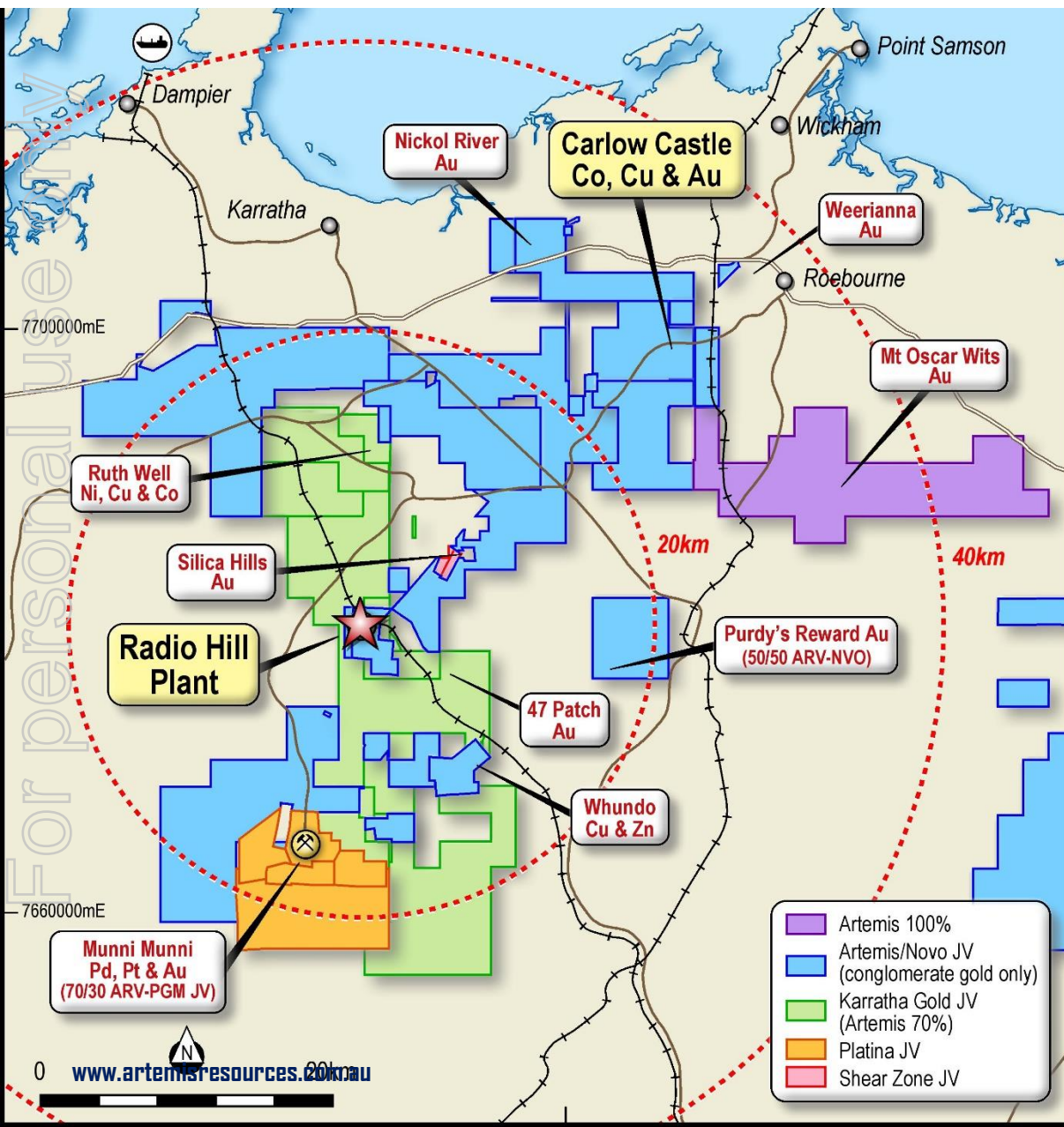


2.0

# **Carlow Castle – Australia's Best Cobalt Resource?**



# Carlow Castle - Australia's Best Cobalt Resource?

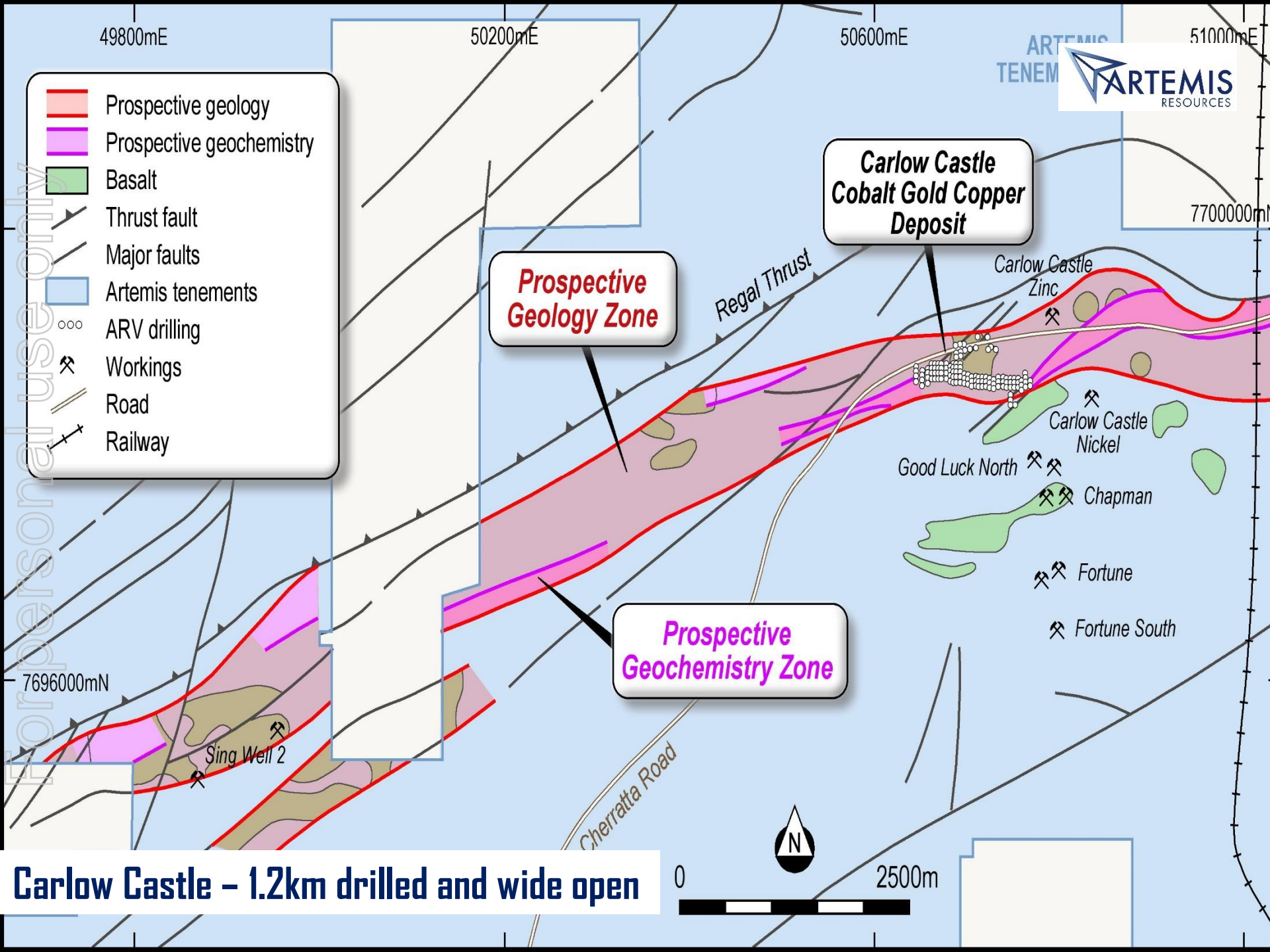


## Carlow Castle Au-Cu-Co Project (100% ARV)

- A layered intrusive
- Shallow drilling across 1.2km of a 4 km strike zone
- OPEN along strike and at depth
- 30km from Radio Hill
- Existing JORC 2012 Resource (31/1/18) based upon 81 holes (7,388m) delivered:
  - 4.5Mt @ 0.9g/t Au, 0.4% Cu, 0.07% Co for 130,000 Oz Au, 18,000t Cu and 3,150t Co

**Q4 - New Resource Update based on 189 holes (24,655m)**

- Prospective geology
- Prospective geochemistry
- Basalt
- Thrust fault
- Major faults
- Artemis tenements
- ARV drilling
- Workings
- Road
- Railway



**Prospective  
 Geology Zone**

**Prospective  
 Geochemistry Zone**

**Carlow Castle  
 Cobalt Gold Copper  
 Deposit**

**Carlow Castle - 1.2km drilled and wide open**

# Carlow Castle – Outstanding High Grade Au-Co-Cu

## Carlow Castle Au-Cu-Co Project (100% ARV)

Best intervals since January 2018 JORC resource include:

- 3m @ 6.24 g/t Au, 3.45% Co and 2.43% Cu from 52m incl 1m @ 6.54% Co from 54m (ARC006)
- 6.5m @ 23.44g/t Au, 2.32% Co and 10.35% Cu from 47m (18CCAD009)
- 17m @ 1.86g/t Au, 0.61% Co and 0.05% Cu from 88m (ARC 168)
  - incl: 2m @ 9.02g/t Au, 2.42% Co, 0.03% Cu from 89m.
- 4m @ 7.92g/t Au, 0.56% Co and 1.11% Cu from 62m (ARC082)
- 22m @ 6.10g/t Au, 2.35% Cu and 0.55% Co from 133m (18CCAD010)
- 5m @ 2.06g/t Au, 0.45% Co and 0.73% Cu from 61m (ARC098)
- 13m @ 4.96g/t Au, 0.39% Co and 1.47% Cu from 62m (ARC096)
- 26m @ 1.81g/t Au, 0.13% Co and 0.53% Cu from 39m (18CCAD007)
  - incl: 9m @ 2.91g/t Au, 0.31% Co and 0.55% Cu from 39m
- 20m @ 1.58g/t Au, 0.15% Co and 0.21% Cu from 7m (ARC099)
- 16m @ 2.14g/t Au, 0.15%Co and 0.55% Cu from 32m (18CCAD002)





**3.0**

**Radio Hill – A Strategic Asset  
with Expanding Metallurgical  
Capability**

# Radio Hill – New Gold Circuit to complement base metal ability



Existing Base metal flotation and gold concentrator 35km from City of Karratha in the West Pilbara;

- 100% owned by ARV
- Build in 1988. Operated intermittently by Agip, Titan Resources and Fox Resources who collectively invested >\$60M between 1988-2002.
- Fox Resources place Radio Hill on care and maintenance in 2008 due to commodity price.
- All infrastructure and tenements acquired by Artemis in 2017 for ≈\$4M (refer ASX 28/4/17).
- Refurbishment of existing circuit begins late 2017 with new 76m<sup>3</sup> flotation circuit purchased and relocated to site.
- Approvals to install new 500,000 tpa Au circuit announced 20 August 2018.
- Construction of new Au circuit close to completion.

For personal use only



# Radio Hill – A Strategic Pilbara Asset with Expanded Metallurgical Capability

For personal use only

Refurbished mills

New Gold Room

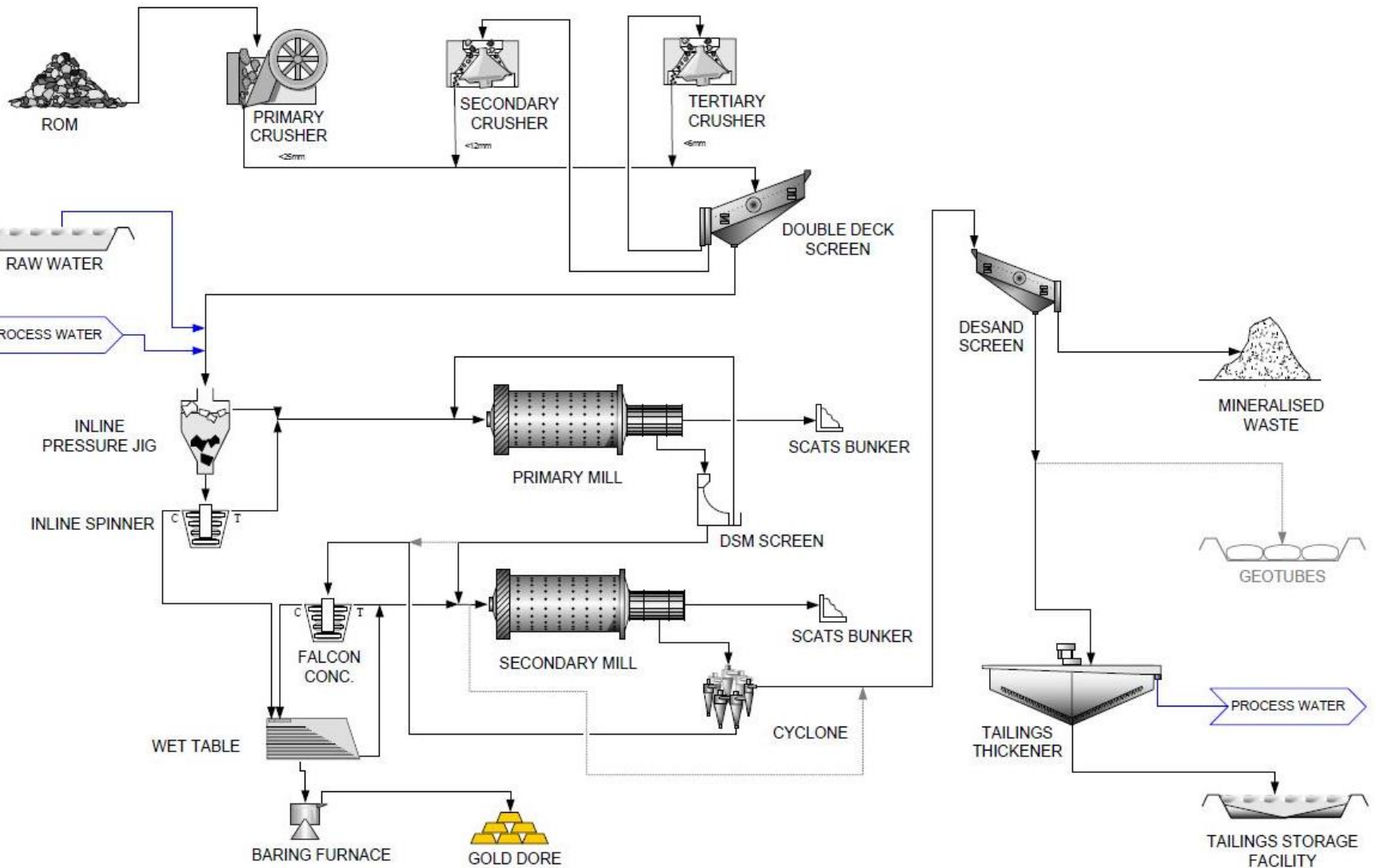
New Tertiary crusher

New Gold Circuit



# Radio Hill Stage 1 – Approved for 0.5Mtpa of Gold Ore

For personal use only



# Upcoming Price Catalysts...

## September

- Conglomerate Gold Update (17/9)
- Radio Hill Au Circuit Construction Update
- ARV-NVO Exploration Update

## October

- 47K Patch Exploration Update
- Whundo Cu-Zn-Co Resource Update
- Carlow Castle Au-Co-Cu Final drill results

## November

- Carlow Castle Au-Co-Cu Resource update
- Weeriana Au Resource Update
- Ruth Well Ni Cu Co Au Resource Update





# Artemis – Gold and Cobalt in the Pilbara



Artemis Resources Limited (Artemis – ASX: ARV / OTC: ARTTF / Frankfurt: ATY) is the **first** West Pilbara company to consolidate a significant portfolio of base, battery and precious metal assets with a strategically located processing plant.

## What is the Strategy?

- Explore the Pilbara aggressively, be nimble corporately and expand our 100% owned Radio Hill Operation into a long term producer of gold and high quality base and battery metal concentrates.

## ARV has the resources to deliver the strategy, including:

- Cash of **\$27M @ 30 June 2018**.
- $\approx 2,600\text{km}^2$  of prospective Pilbara gold and base/battery metal tenure (100% controlled or via JV).
- A de-risked conglomerate Au strategy - via 50:50 JV with **Novo Resources Corp (NVO)** on conglomerate and paleoplacer targets.
- Growing JORC compliant gold and base metal resources including Carlow Castle, the best scalable Au-Co-Cu deposit in Australia.
- 100% owned Radio Hill processing plant and infrastructure – a 0.5Mtpa base metal and gold concentrator 35km from Karratha with new Au circuit.
- A dynamic and experienced management team with extensive base metal and gold exploration, development and operations expertise, and
- A strong news pipeline ahead.

For personal use only



**Artemis Resources Limited**

**ASX : ARV /**

**Frankfurt : ATY**

**Determined to Deliver**

For more information , please contact:

[wayne.bramwell@artemisresources.com.au](mailto:wayne.bramwell@artemisresources.com.au)

[ed.mead@artemisresources.com.au](mailto:ed.mead@artemisresources.com.au)

[www.artemisresources.com.au](http://www.artemisresources.com.au)

Twitter: [Artemis\\_ARV](https://twitter.com/Artemis_ARV)