



## Three Outstanding Gold and Copper Projects

Planned program starting Sept Q 2025

Excellent growth opportunities

ASX:ARV | AIM:ARV

🌐 [artemisresources.com.au](https://artemisresources.com.au)



# Disclaimer

## Cautionary and Forward-Looking Statements

This presentation (the "Presentation") has been prepared by Artemis Resources Limited ("ARV" or the "Company"). This Presentation contains general and background information about ARV's activities current as at the date of the Presentation, and (i) does not purport to be completed; and (ii) should not be considered to be comprehensive or to comprise all the information that an investor should consider when making an investment decision. The information is provided in summary form, has not been independently verified, and should not be considered to be comprehensive or complete. The Company is not responsible for providing updated information and assumes no responsibility to do so. The contents of this Presentation have not been reviewed, authorised or otherwise approved by the UK Financial Conduct Authority ("FCA"), the Australian Securities and Investments Commission ("ASIC"), the Australian Securities Exchange ("ASX") or any other regulatory body. Reliance on this Presentation for the purpose of engaging in any investment activity may expose an individual to a significant risk of losing all of the property or other assets invested. If you are in doubt about the content of this Presentation and/or any action you should take, you are strongly recommended to seek your own independent financial advice immediately from your stockbroker, lawyer, accountant or other independent financial adviser authorised by the FCA, ASIC or the ASX (as applicable).

This Presentation contains both historical facts, interpretations and statements relating to the Company's current exploration projects, drill targets, plans, estimates, objectives, and strategies which are forward-looking statements. Such forward-looking statements involve known and unknown risks, uncertainties and other important factors beyond the Company's control that could cause the actual results, performance, or achievements of the Company to be materially different from future results, performance or achievements expressed or implied by such forward-looking statements. Accordingly, any reliance you place on such forward-looking statements will be at your sole risk and the Company expressly disclaims any obligation or undertaking to disseminate any updates or revisions to any forward-looking statements contained in this Presentation to reflect any changes in its expectations with regard thereto or any change in events, conditions or circumstances on which any statement is based. The information contained in this Presentation is subject to change without notice. No representation or warranty, express or implied, is given as to the accuracy, completeness or fairness of the information or opinions contained in this Presentation and no liability is accepted by the Company or any of its directors, members, officers, employees, agents, or advisers for any such information or opinions. The Company's nominated adviser and broker in the United Kingdom, Zeus Capital Ltd, which is regulated by the Financial Conduct Authority, advise the Company and no one else (whether or not a recipient of these slides) in relation to the Company and will not be responsible to anyone, other than the Company, for providing the protections afforded to customers of the Brokers respectively nor for providing advice in relation to the Company. Zeus Capital Ltd has not authorised the contents of these slides or any of them. This Presentation is for distribution in or from the UK only to persons authorised or exempted within the meaning of those expressions under FSMA 2000 or any order made under it or to those persons to whom these slides may be lawfully distributed pursuant to the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 ("Financial Promotion Order") as amended, including Investment Professionals as defined in article 19(5) and high net worth entities as defined in article 49(2) of the Financial Promotion Order. Additionally, this Presentation is also for distribution in or from Australia only to persons to whom an offer of securities may be made without a disclosure document (as defined in the Australian Corporations Act 2001 (Cth) ("Corporations Act") on the basis that such persons are exempt from the disclosure requirements of Part 6D.2 in accordance with Section 708(8) or 708(11) of the Corporations Act. Persons who do not fall within any of these definitions should not rely on these slides nor take any action upon them. This Presentation and the information contained in it do not constitute a prospectus or disclosure document and does not form any part of an offer of, or invitation to apply for, securities. Neither this Presentation, nor any part of it, nor the fact of its use, should form the basis of, or be relied on in connection with, any contract or commitment or investment decision.

## Competent Person Statement

The information in this report that relates to Exploration Results was prepared/compiled by Mr Julian Hanna who is a Competent Person and member of the Australasian Institute of Mining and Metallurgy (MAusIMM). Mr Hanna is a geologist with over 40 years' experience in exploration and mining and is Managing Director of Artemis Resources Ltd. Mr Hanna has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as Competent Persons as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Hanna consents to the inclusion in this report of the matters based on the information in the form and context in which it appears.

The information in this report that relates to Mineral Resources complies with the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves ("The JORC Code") and has been compiled and assessed under the supervision of Ms. Janice Graham MAusIMM (CPGeo) MAIG and Dr Simon Dominy FAusIMM(CPGeo) FAIG(RPGeo) FGS(CGeol). Ms. Graham is an employee of Snowden Optiro. Dr Dominy is a consultant to Artemis Resources Ltd. Ms. Graham and Dr Dominy have sufficient experience relevant to the styles of mineralisation and type of deposits under consideration and to the activity being undertaken to individually qualify as a Competent Person as defined in The JORC Code.

To the extent that this announcement contains references to prior exploration results and Mineral Resource Estimates for the Carlow Gold/Copper Project which have been cross referenced to previous market announcements made by the Company, unless explicitly stated, no new information is contained. 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 estimates in the relevant market announcements continue to apply and have not materially changed.



# Three Outstanding Growth Opportunities



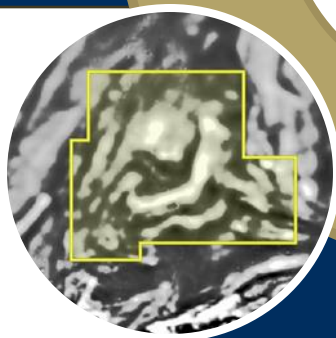
## Carlow - Gold and Copper Project

JORC resource 374koz Gold + 64kt Copper + 8kt Co<sup>3</sup>

- Drill for substantial extensions to resource
- Excellent potential below and along strike
- Early project development studies underway

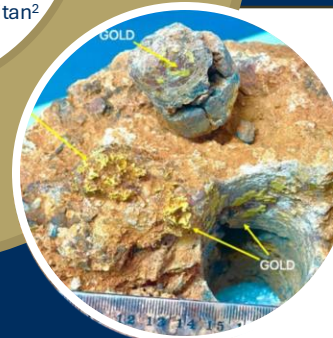


10.4 oz gold bar produced from surface samples at Titan<sup>2</sup>



## Cassowary – Copper/Gold Target

- Large interpreted intrusion
- Drill test for potential IOCG type
- Big neighbours WA1 and Teck<sup>1</sup>



## Titan – 2km west of Carlow

- Carlow satellite gold potential
- Undrilled surface gold occurrences<sup>2</sup>
- RC drill shallow low-cost targets

<sup>1</sup> Refer ARV ASX Announcement "Significant Drilling and Gold Studies Carlow September QTR" dated 3 June 2025

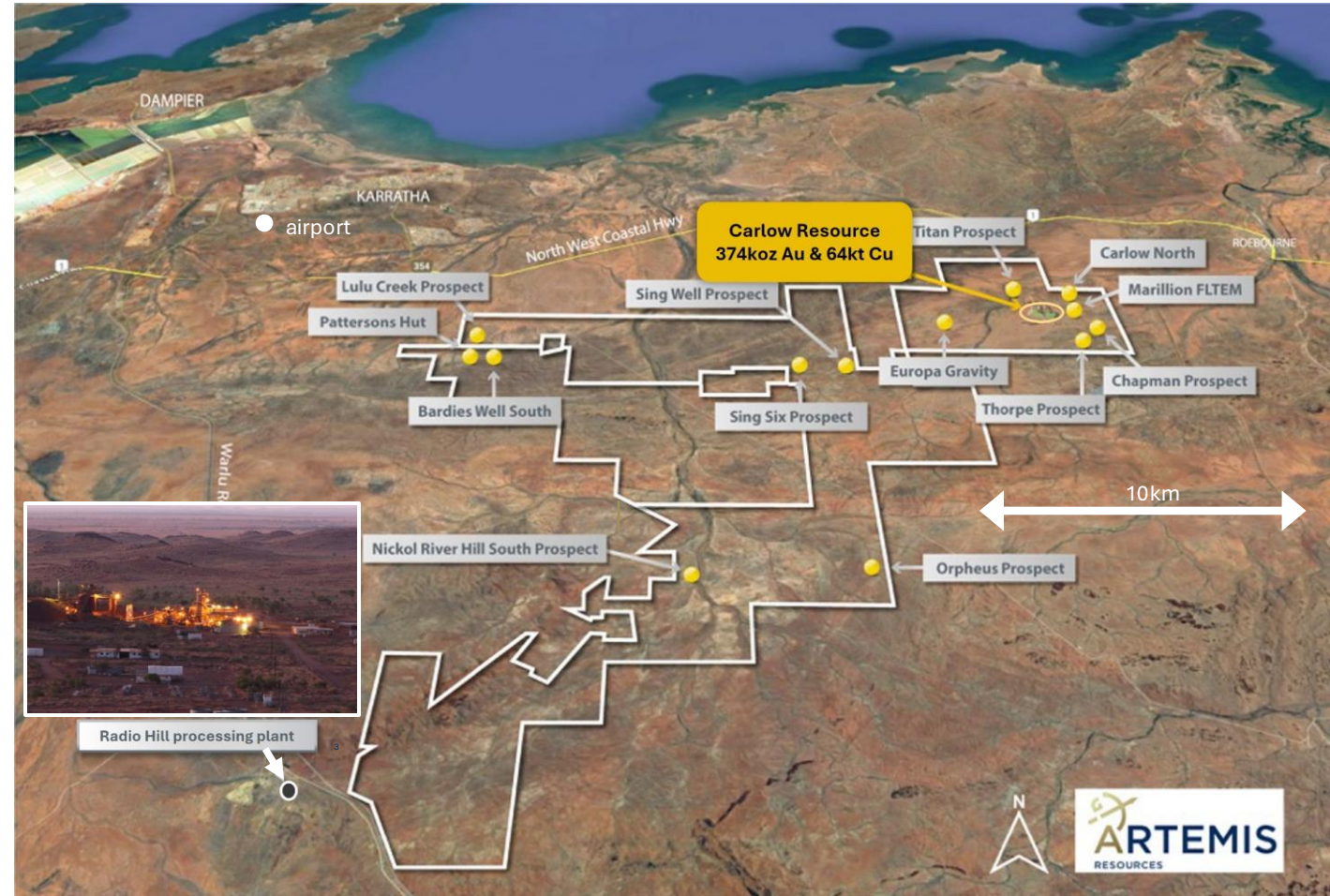
<sup>2</sup> Refer ARV ASX Announcement "High Grade Gold Vein Discovery at Titan Prospect" dated 15 August 2024

<sup>3</sup> Refer ARV ASX announcement "New High-Grade Au-Cu-Co Resource at Greater Carlow" dated 13 October 2022

# Karratha – big gold potential, top location

## Gold and Copper Project

- **Dominant holding at western end of >200km east-west gold belt** – only 35km from Karratha
- **Major industrial/residential hub** with port, multiple daily flights from Perth - removes need for on-site accommodation
- Key infrastructure includes **bitumen highway for easy access to Carlow deposit** and other gold prospects, also **grid power**
- Surface gold occurrences in veins, outcrops and alluvial workings – **minimal drilling outside Carlow**
- Substantial existing resource at **Carlow contains 374,000oz gold and 64,000t copper**<sup>1</sup>
- Drilling focus to scope out **resource extensions at Carlow, test undrilled gold targets at Titan** and commence **technical studies**
- Excellent potential for **shallow gold mineralization at satellite prospects near Carlow** – Titan and Chapman/Thorpe<sup>2</sup>
- Carlow located within **regional-scale ‘mineral camp’** hosting gold, copper, silver, platinum/palladium, nickel and lithium deposits
- 100% owned **Radio Hill processing plant**<sup>3</sup> located on permitted mining licences – on care and maintenance



<sup>1</sup> Refer ARV ASX announcement "New High-Grade Au-Cu-Co Resource at Greater Carlow" dated 13 October 2022

<sup>2</sup> Refer ARV ASX Announcement "Significant Drilling and Gold Studies Carlow September QTR" dated 3 June 2025

<sup>3</sup> Refer ARV ASX Announcement "To Purchase Fully Permitted Radio Hill Plant and Resources" dated 16 December 2016

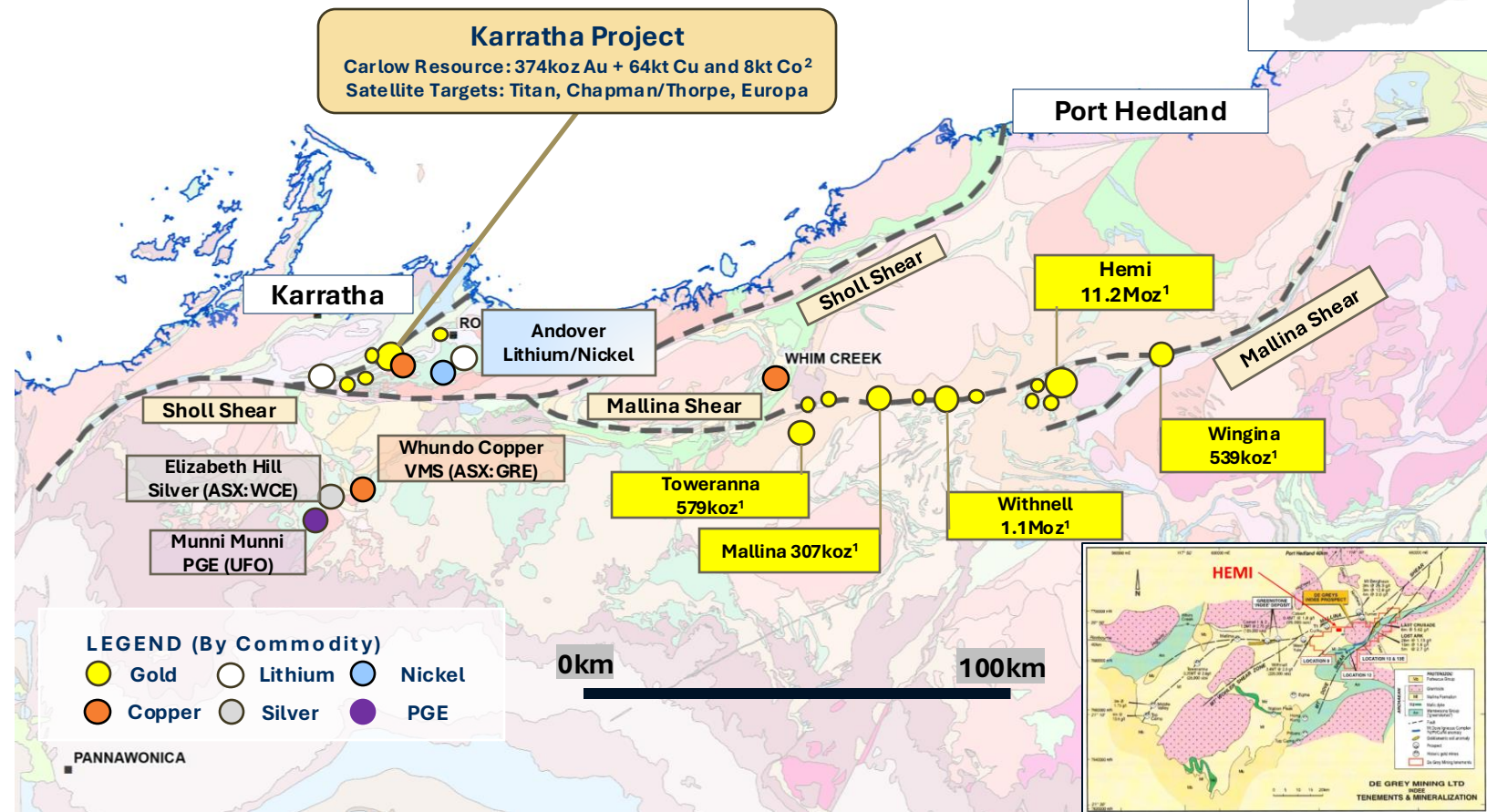


# North Pilbara – Emerging Gold Province

## Karratha Project – Gold and Copper

- **Tier 1 gold parameters: regional structures + major disruptions + intrusions + favourable host rocks**
- **200km east-west structural belt** with numerous gold and copper deposits and prospects
- **11.2Moz Hemi Gold deposits<sup>1</sup> within gold corridor at east end of belt** - discovered early 2020
- **Artemis 20km gold corridor at west end of the belt** within wider ‘mineral camp’ hosting gold, copper, silver, PGE, lithium and nickel
- ‘Karratha Gold Corridor’ includes **multiple thrusts, shear zones and folds** – partly concealed below flat lying Andover Intrusion (hosts Li and Ni/Cu)
- **Current resource of 374koz gold and 64,000t copper at Carlow<sup>2</sup>** plus 3 prospective satellite gold targets within 2-3km radius
- **Open along strike and below resource** – only two holes drilled, **both intersected high-grade gold<sup>3</sup>**

## North Pilbara Gold Province – significant discoveries



<sup>1</sup> Refer DEG ASX Announcement "Hemi Gold Project Mineral Resource Estimate 2024" dated 14 November 2024

<sup>2</sup> Refer ARV ASX announcement "New High-Grade Au-Cu-Co Resource at Greater Carlow" dated 13 October 2022

<sup>3</sup> Refer to Slide 8 in this announcement

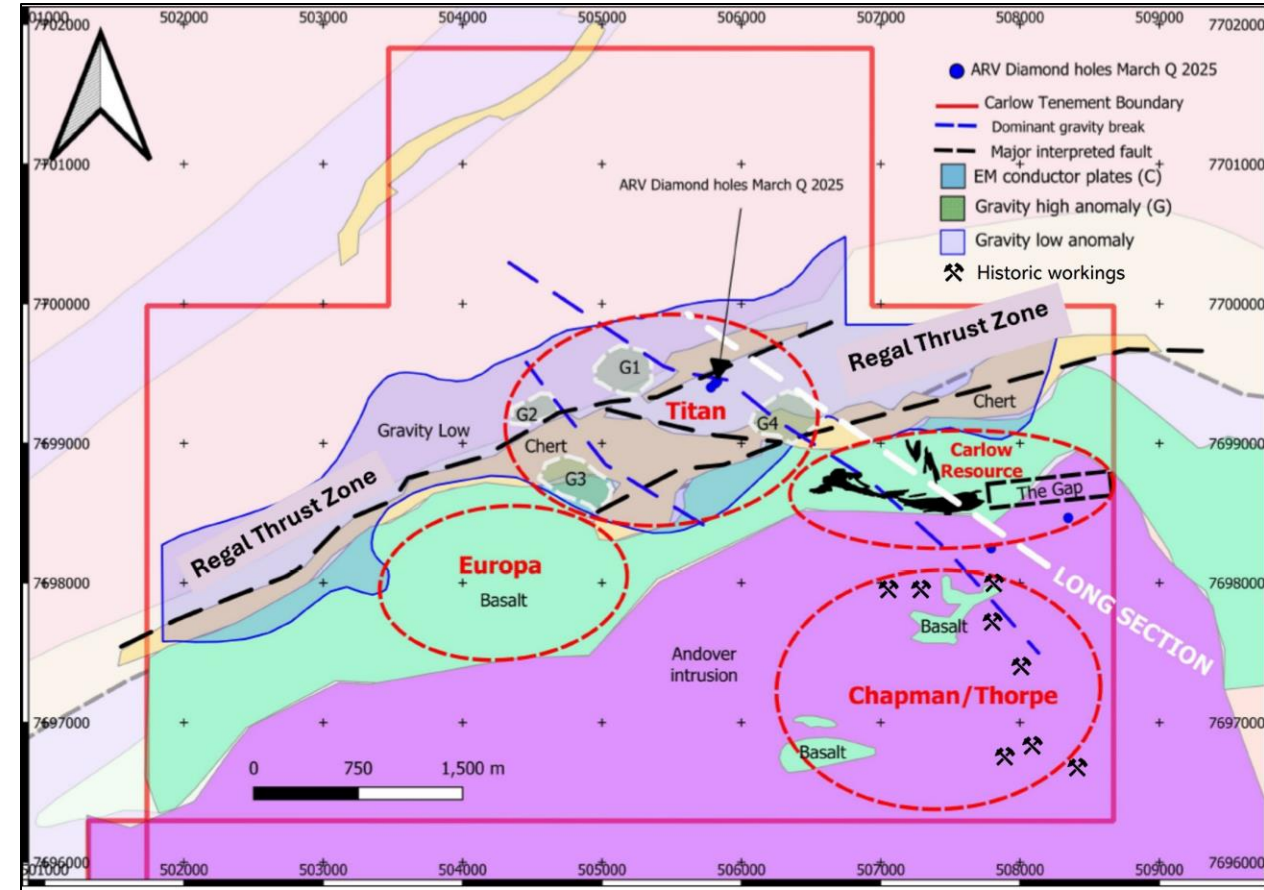
Base Map from GSWA Geoview (<https://geoview.dmp.wa.gov.au/>)

Refer to Appendix Slide 17 for source data

# Carlow Resource – Potential Extensions and Satellite Targets

Unique structural setting at Carlow with 3 satellite gold targets: Titan, Chapman/Thorpe and Europa

- **Re-interpretation of 4-5km wide structural corridor related to Regal Thrust Zone** with minimal drilling outside Carlow gold/copper/cobalt resource<sup>1</sup>
- **Carlow resource** gold and copper occurs in **quartz/sulphide lodes extending >1.2km within wide basalt sequence**, south and above the Regal Thrust
- **Carlow resource** open in two areas - drilling planned to start in Sept.Q testing:
  - **>600m east along strike** ('The Gap') – one previous hole: **7m @ 2.9g/t Au**
  - **below current resource** – one previous hole : **4m @ 11.1g/t Au & 2.0% Cu**
- **Widespread surface gold occurrences at Titan** reported 2024 from selected samples of quartz veins and chert outcrops<sup>2</sup> - 2km west of Carlow
- 3 diamond holes drilled at **Titan** in March Q 2025 all intersected elevated gold **up to 0.5g/t Au, plus 1m @ 16.4g/t Au** in porphyry intruded into ultramafics<sup>3</sup>.
- Planned RC drilling targets at **Titan** during September Q include:
  - **400m wide gravity anomaly (G1)** with surface gold in brecciated chert<sup>2,4</sup>
  - **500m long gravity anomaly (G4)** along strike from Carlow resource
- Other priority targets include Chapman/Thorpe – **high-grade vein hosted gold and copper**<sup>2</sup> outcropping below Andover Intrusion, south of Carlow.



<sup>1</sup> Refer ARV ASX announcement "New High-Grade Au-Cu-Co Resource at Greater Carlow" dated 13 October 2022

<sup>2</sup> Refer ARV ASX announcement "Exploration Update and Planned Activities March 2025 Quarter" dated 28 January 2025

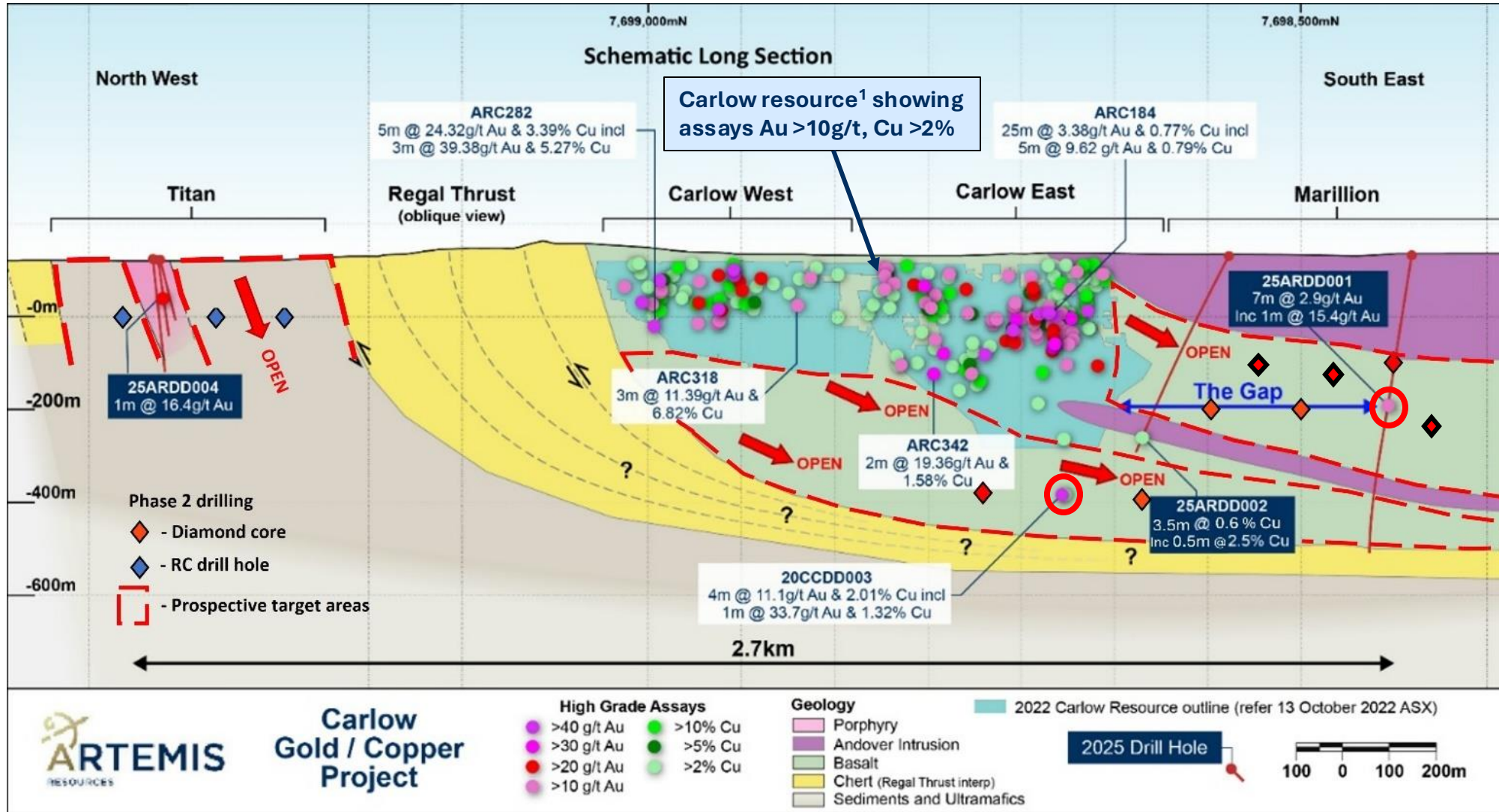
<sup>3</sup> Refer ARV ASX announcement "Phase 1 drilling extends Carlow by 600m" dated 28 April 2025

<sup>4</sup> Refer ARV ASX Announcement "Significant Drilling and Gold Studies Carlow September QTR" dated 3 June 2025



# Carlow / Titan – showing drill assays >10g/t Au, >2.0% Cu

2022 resource: 374koz gold and 64,000t copper<sup>1</sup>. Only two holes along strike and below - both with high grade gold



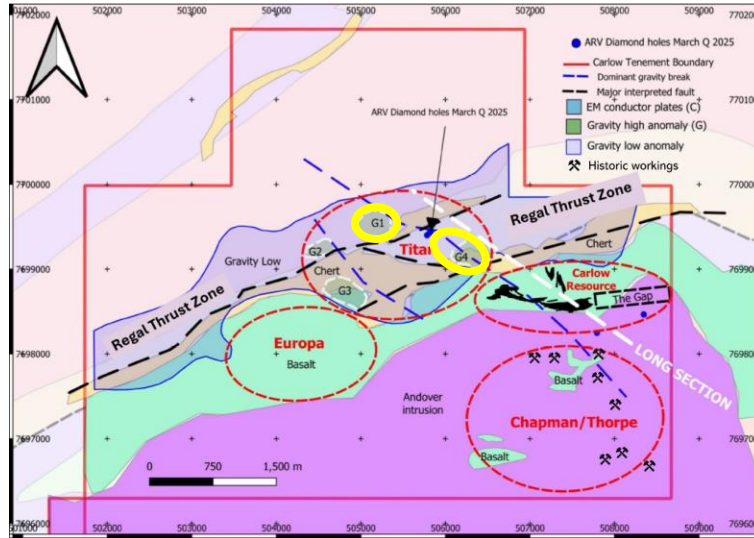
<sup>1</sup> Refer ARV ASX announcement "New High-Grade Au-Cu-Co Resource at Greater Carlow" dated 13 October 2022

<sup>2</sup> Refer ARV ASX Announcement "Significant Drilling and Gold Studies Carlow September QTR" dated 3 June 2025

# Titan Gold Prospect – large target 2km west of Carlow

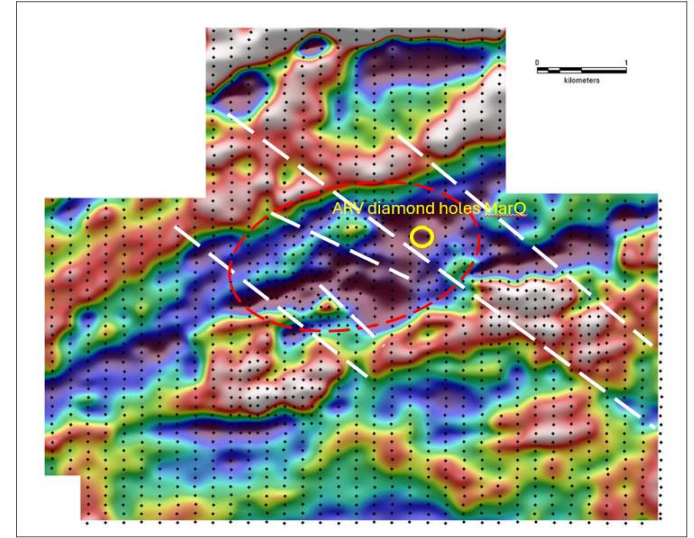
**3 drill holes to date – RC drilling to test gravity anomalies, surface gold occurrences<sup>1</sup> and structural targets**

- Artemis drilled three holes in March Q across one surface gold occurrence with **elevated gold intersected in all holes between 0.2g/t to 0.5g/t Au<sup>2</sup>**
- One hole (**25ARDD004**) intersected **1m @ 16.4g/t Au<sup>2</sup> within a porphyry** intruded into chrome rich ultramafic units overlying brecciated sediments<sup>2</sup>
- Re-modelled **gravity data identified four distinct gravity high anomalies (G1-G4)** with infill gravity survey confirming these targets prior to initial RC drilling
- **G1** is a 400m wide gravity anomaly in area with small outcrops of sheared and brecciated chert with three reported surface gold occurrences<sup>1</sup>
- **G4** is a 500m long gravity anomaly between Carlow resource and three holes drilled by Artemis including 25ARDD004 which intersected 1m @ 16.4g/t Au<sup>2</sup>
- **Shallow RC drilling planned to start in September quarter** as initial test of G1 and G4 targets. Heritage survey scheduled late-July for RC drill rig access at G1



## Rapidly evolving geological and structural model

- Regal Thrust interpreted to be likely conduit for gold/copper mineralization - below Carlow and at Titan
- Titan gold mineralisation occurs in a different and untested sequence to Carlow - north of Regal Thrust
- Two gravity anomalies – G1 and G4 (in yellow, above) are initial targets for RC drilling planned in SeptQ
- Andover Intrusion is a flat lying sill - conceals potential extensions to resource east and south of Carlow
- Chapman/Thorpe prospects outcrop below Andover with rock chip samples up to 45.8g/t Au & 3.7% Cu<sup>3</sup>



## New gravity data generating new gold targets at Titan

- Titan area includes favourable host rocks, interpreted thrusts, cross cutting faults and porphyry intrusions
- Cross cutting NW structures through Titan are a possible focus for vein hosted gold mineralisation
- Gravity anomalies coinciding with small outcrops of brecciated and sheared chert – initial target for RC drilling
- 30 shallow RC holes planned as initial test for gold mineralisation at Titan

<sup>1</sup> Refer ARV ASX announcement "Exploration Update and Planned Activities March 2025 Quarter" dated 28 January 2025

<sup>2</sup> Refer ARV ASX announcement "Phase 1 drilling extends Carlow by 600m" dated 28 April 2025

<sup>3</sup> Refer ARV ASX announcement "High grade Gold & Copper assays at the Thorpe Prospect" dated 28 November 2024



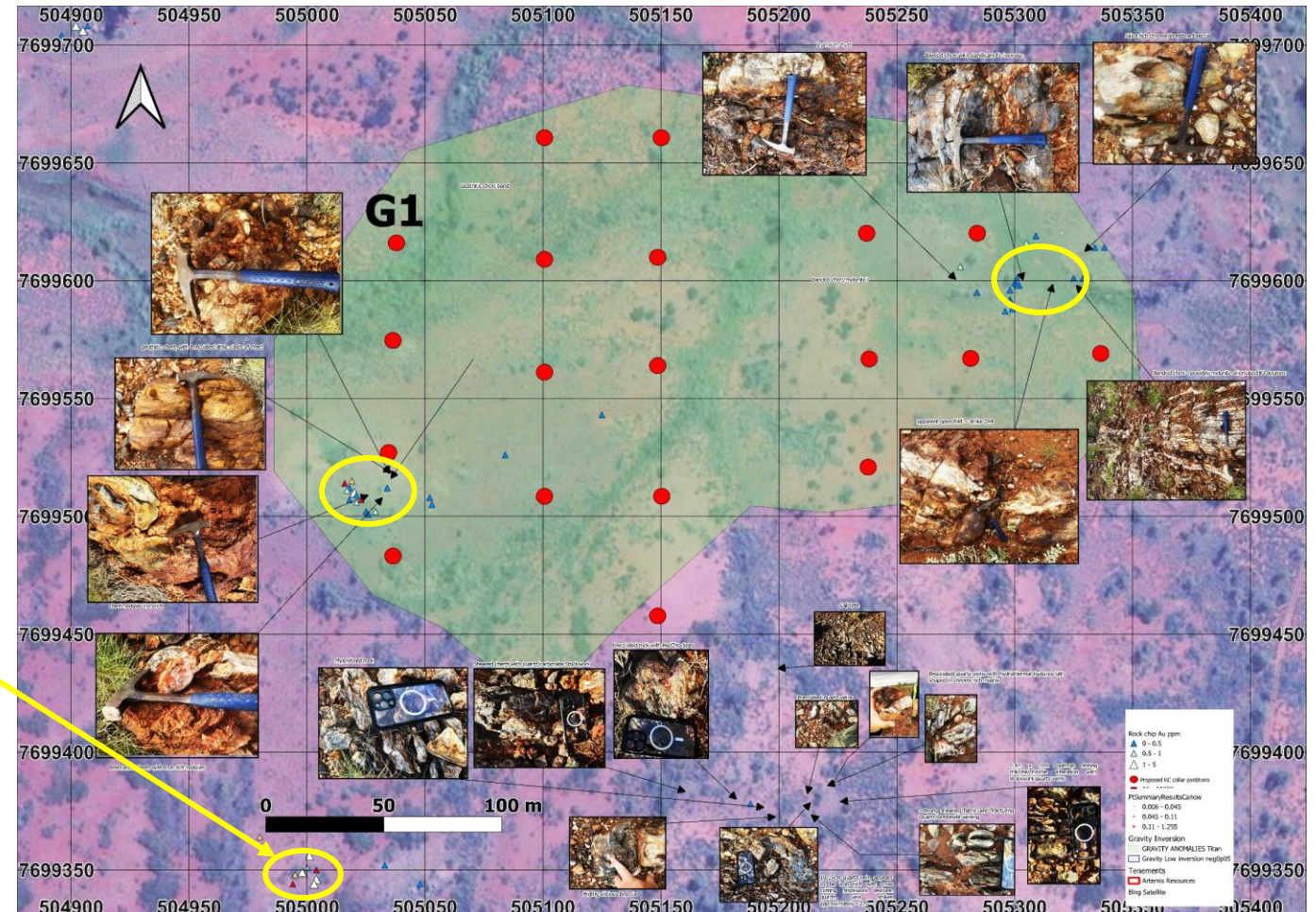
# Titan G1 gravity anomaly – RC drilling planned Sept.Q

Three surface gold occurrences from samples of brecciated and ferruginous chert centred around G1<sup>1,2,3</sup>



**Titan G1 Target** - outcrop of brecciated and banded chert (approx. 5m wide) with thin stockwork iron oxide veining. Sample 24AR28-002 (above) from this outcrop returned **51.8g/t Au<sup>3</sup>**.

**Note<sup>1,2,3</sup>** : The grade of gold occurrences from selective samples of chert and quartz veins in outcrops at G1 and in the wider Titan Prospect area may be elevated due to surface enrichment. Drilling is required to provide an indication of gold grades below surface.



**Outline of G1 gravity anomaly<sup>4</sup> showing photos of small outcrops of brecciated and ferruginous chert, including three areas (yellow ellipses) with reported high grade surface gold occurrences<sup>3</sup>. Initial RC drill holes planned in September quarter are shown in red**

<sup>1</sup> Refer ARV ASX Announcement "High Grade Gold Vein Discovery at Titan Prospect" dated 15 August 2024

<sup>2</sup> Refer ARV ASX Announcement "Titan Delivers Further High Grade Rock Chip Results" dated 10 October 2024

<sup>3</sup> Refer ARV ASX announcement "Exploration Update and Planned Activities March 2025 Quarter" dated 28 January 2025

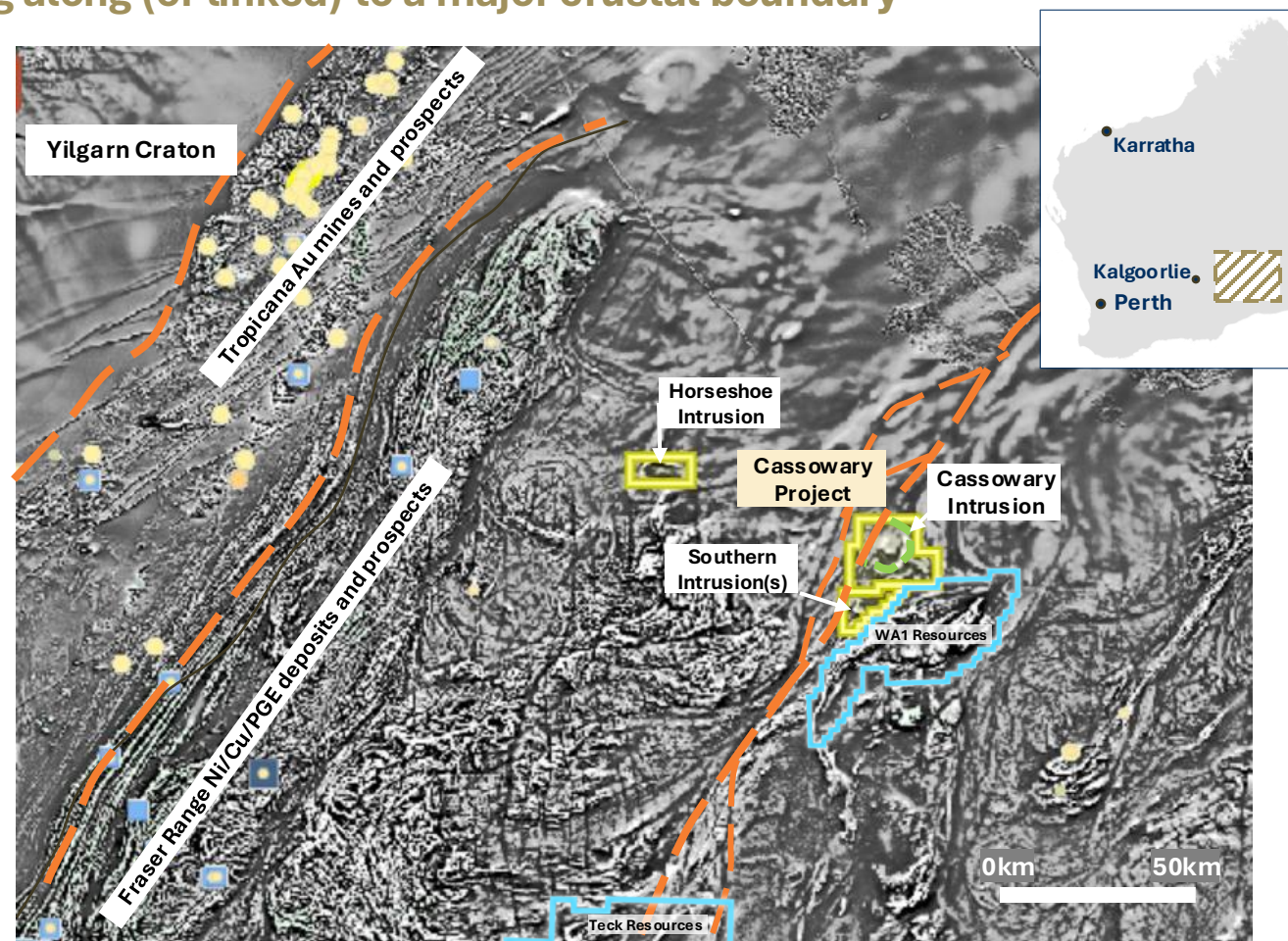
<sup>4</sup> Refer ARV ASX announcement "Phase 1 drilling extends Carlow by 600m" dated 28 April 2025



# Cassowary Project – potential IOCG type copper/gold targets

**Interpreted intrusions in a unique geological setting along (or linked) to a major crustal boundary**

- **Cassowary Project** comprises 3 intrusions interpreted from regional magnetic data<sup>2</sup> related to major crustal boundary ~450km east of Kalgoorlie, below an estimated 250-300m of Eucla Basin sediments.
- Artemis tenement applications<sup>1</sup> cover the ~5km wide **interpreted intrusion ('Cassowary')** and two smaller intrusions ('Horseshoe' and 'Southern') in a **unique geological setting on the margin of major NE trending crustal boundary<sup>2</sup>**, associated with cross cutting faults.
- **The scale of disruption of surrounding geological units by the Cassowary Intrusion is interpreted to be up to 20-30km.** The Interpreted Cassowary intrusion may represent a long-lived focus for magmatic activity and possible mineralization.
- Cassowary is a **rare opportunity to test a large, previously undrilled exploration target with potential for IOCG type copper/gold** and other types of intrusion hosted mineralization.
- **IOCG type mineralisation** is main exploration target announced by adjacent tenement applicant and a leading Niobium company **WA1 Resources Limited** (ASX:WA1)<sup>3</sup>.
- **Teck Resources** (NYSE:TECK) has also applied for tenements along the same crustal boundary ~100km south west of Cassowary. Teck is former owner of the Carrapateena IOCG deposit, now mined by BHP.



Regional magnetic image (source: GSWA- Geoview image) showing interpreted crustal boundaries parallel to the Yilgarn Craton margin (orange), location of interpreted intrusions within the Cassowary Project and Artemis tenement applications covering 538km<sup>2</sup> (yellow)

<sup>1</sup> Artemis's 330km<sup>2</sup> EL application which covers Cassowary was applied for in December 2024 and may be granted in September Q 2025

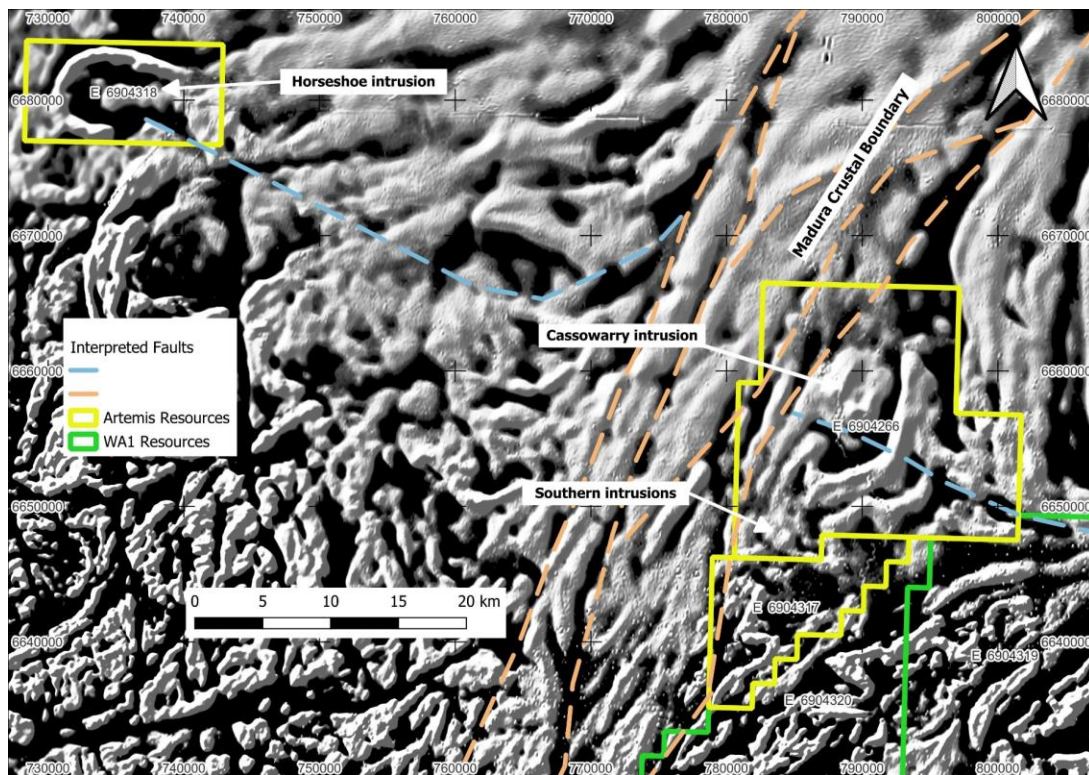
<sup>2</sup> GSWA Geoview source of magnetic images and tenement outlines

<sup>3</sup> Refer to WA1 March quarterly activities report dated 28 April 2025

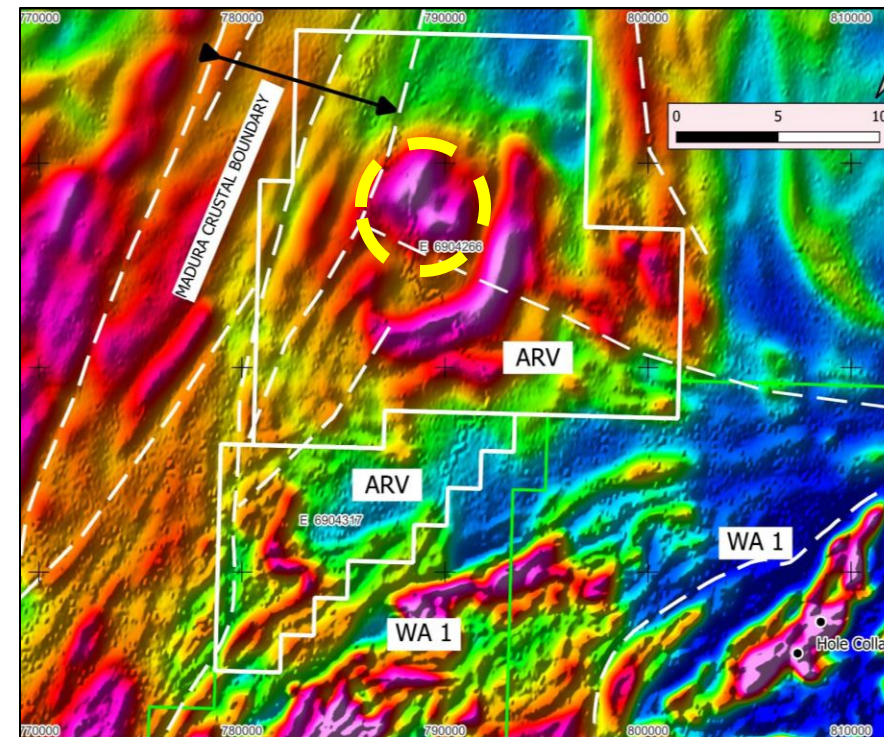


# Cassowary Intrusion – potential IOCG type copper/gold target

~5km wide intrusion interpreted on margin of Madura Crustal Boundary – ARV tenement applications cover 538km<sup>2</sup>



Magnetic image (source: GSWA Geoview data) showing Madura Crustal Boundary, 3 interpreted intrusions, **Artemis EL applications** (yellow) and adjacent WA1 EL applications (green<sup>3</sup>). Teck Resources EL applications ~100km SW of Cassowary<sup>2</sup>



Enhanced magnetic image showing interpreted **Cassowary Intrusion** in the centre of ~10km wide magnetic anomaly (red). E69/4266 covering the Cassowary Intrusion may be granted during the SeptQ, with a gravity survey planned soon after. Two diamond drill holes drilled by Gunson Resources in 2009 27km SE of Cassowary in 2009, intersected basement at ~250m depth.

<sup>1</sup> Artemis's 330km<sup>2</sup> EL application which covers Cassowary Intrusion was applied for in December 2024 and may be granted in September Q 2025

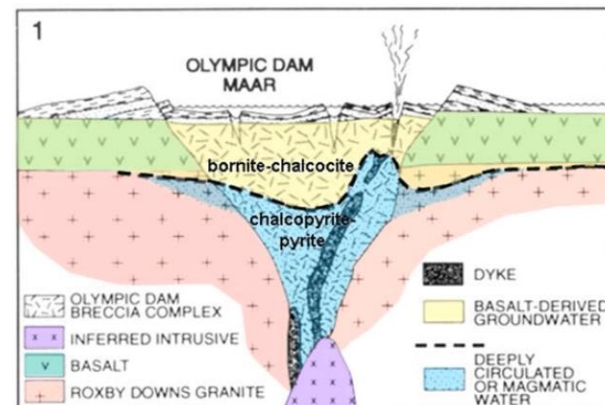
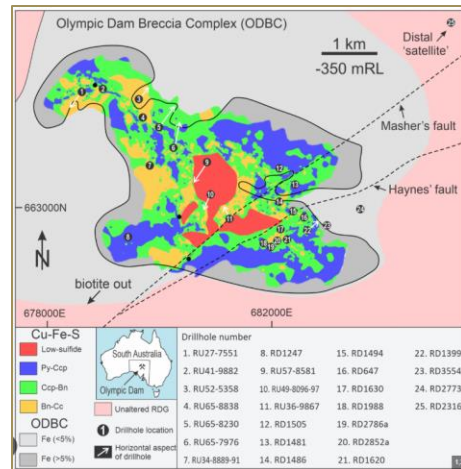
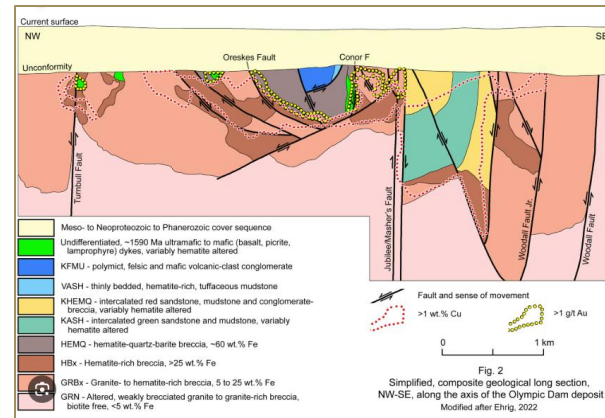
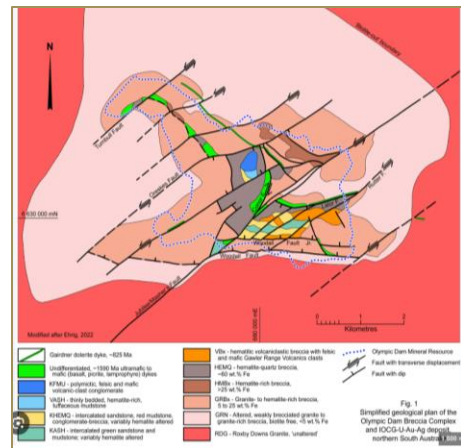
<sup>2</sup> GSWA Geoview source of magnetic images and tenement outlines

<sup>3</sup> Refer to WA1 March quarterly activities report dated 28 April 2025



# IOCG type copper/gold deposits – two Tier 1 examples<sup>1</sup>

**Olympic Dam** ~5km wide strong coincident magnetic and gravity anomaly below approximately 400m of sediments, ‘cone-shape’ hematite breccia hosted Cu/Au, aligned along cross cutting faults



<sup>2</sup>Source – Google images

**Carrapateena** ~1km wide magnetic anomaly on margin of larger magnetic/gravity anomaly below approximately 470m of sediments, ‘pipe-shape’ hematite breccia hosted Cu

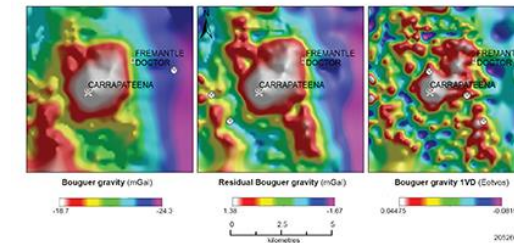


Figure 2 (a) Bouguer gravity field at Carrapateena, taken from the 2016 South Australian gravity grid. (b) The residual Bouguer gravity field accentuates near-surface features. (c) The 1VD of the Bouguer gravity field further accentuates the near-surface features.

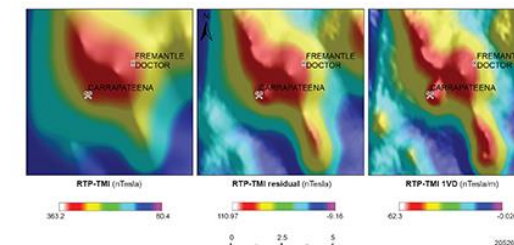
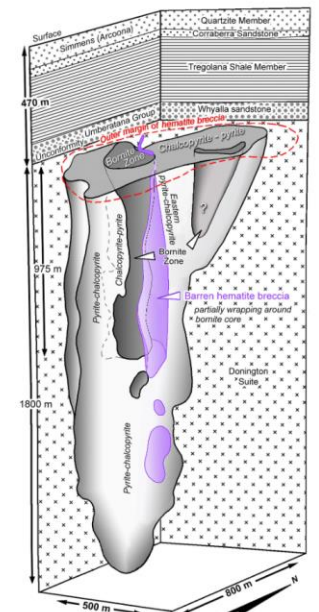


Figure 3 (a) RTP-TMI image at Carrapateena, taken from the 2016 South Australian RTP-TMI grid. (b) The residual TMI image accentuates near-surface features. (c) The 1VD of the RTP-TMI grid further accentuates the near-surface features.



**Hematite Breccia drill core from Upper Bornite Zone**

<sup>2</sup>Source – Google images, PorterGeo



<sup>1</sup> Olympic Dam and Carrapateena are two examples of Australian IOCG type deposits discovered below sediment cover. There is no intention to suggest any comparison with the Cassowary Project which is an undrilled exploration target below sediment cover

<sup>2</sup> Images on this slide are sourced from publicly available images accessed via Google search and Porter Geo

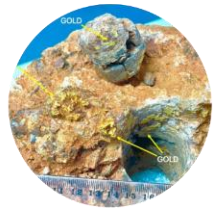


# Three Outstanding Gold and Copper opportunities



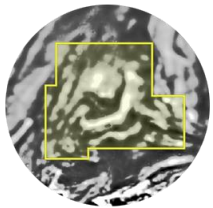
## 1. Carlow

- Existing Gold Resource 374koz Au + 64kt Cu + 8kt Co<sup>1</sup>
- Drill potential for substantial extensions starting in Sept Q
- Test work and early development studies underway



## 2. Titan

- RC drilling targets with surface gold occurrences
- Low-cost RC drilling to test near surface satellite opportunities
- All 3 previous Artemis holes in MarQ intersected elevated gold



## 3. Cassowary

- Rare opportunity to test large target with potential for IOCG-type Cu/Au
- Interpreted Cassowary Intrusion in a unique craton-margin setting
- Credibility of regional setting provided by neighbours WA1 and Teck

<sup>1</sup> Refer ARV ASX announcement "New High-Grade Au-Cu-Co Resource at Greater Carlow" dated 13 October 2022

# APPENDIX



# Company Snapshot<sup>1</sup>



## Capital Structure

### Share Price.

A\$0.005

### Shares On Issue

2.529bn<sup>2</sup>

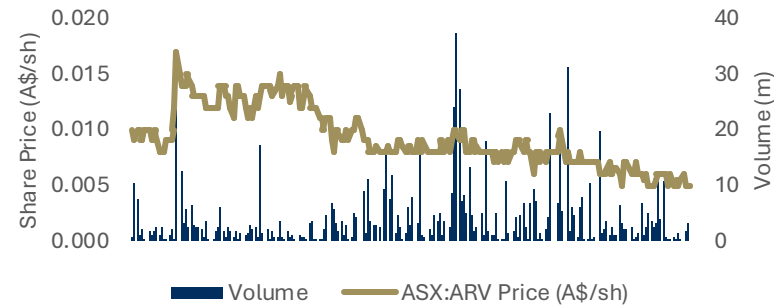
### Market Cap.

A\$12.6m

### Cash

A\$2.330m<sup>3</sup>

## ARV Share Price (12 months)



## BOARD OF DIRECTORS



**Guy Robertson**

Non-Executive Chairman

- 30 years of experience as a Director
- CFO and Company Secretary



**Julian Hanna**

Managing Director

- 40 years experience as a Geologist
- MD Western Areas (12yrs) and MOD Resources (7yrs)
- Sandfire Resources



**Bruce Garlick**

Non-Executive Director

- 30 years of experience in mining, exploration, and engineering
- Bachelor of Commerce, Bachelor of Laws, Certified Practising Accountant



**Vivienne Powe**

Non-Executive Director

- Metallurgical engineer with over 30 years industry experience



**Liz Henson**

Non-Executive Director

- International lawyer with over 35 years of global experience

<sup>1</sup> Snapshot as at 18 July 2025 prior to capital raising

<sup>2</sup> Refer ARV ASX Announcement "Appendix 2A – Application for Quotation of Securities" dated 26 February 2025

<sup>3</sup> Refer ARV ASX Announcement "Quarterly Activities/Appendix 5B Cash Flow Report" dated 30 April 2025

# Carlow Mineral Resource

Refer to Artemis ASX announcement - 13 October 2022

Greater Carlow Mineral Resource by weathering state<sup>1,2,3</sup>

Domain	Tonnes (Mt)	AuEq (g/t)	Au (g/t)	Cu (%)	Co (%)	Au (oz)	Cu (t)	Co (t)
Oxide	1.29	1.5	0.8	0.59	0.07	34,000	8,000	1,000
Transition	1.49	2.0	1.2	0.84	0.09	56,000	13,000	1,000
Fresh	5.96	2.8	1.5	0.73	0.10	285,000	44,000	6,000
<b>Total</b>	<b>8.74</b>	<b>2.5</b>	<b>1.3</b>	<b>0.73</b>	<b>0.09</b>	<b>374,000</b>	<b>64,000</b>	<b>8,000</b>

Greater Carlow Mineral Resource by area above a cut-off of 0.7g/t AuEq<sup>1,3</sup>

Domain	Tonnes (Mt)	AuEq (g/t)	Au (g/t)	Cu (%)	Co (%)	Au (oz)	Cu (t)	Co (t)
Main	6.33	2.4	1.3	0.70	0.08	271,000	44,300	5,100
Quod Est	0.19	3.2	1.5	0.85	0.24	9,000	1,600	450
Crosscut	0.73	2.2	0.7	0.99	0.09	16,000	7,300	650
<b>Total</b>	<b>7.25</b>	<b>2.4</b>	<b>1.3</b>	<b>0.73</b>	<b>0.09</b>	<b>296,000</b>	<b>53,200</b>	<b>6,200</b>

Greater Carlow Mineral Resource by area above a cut-off of 2.0g/t AuEq<sup>2,3</sup>

Domain	Tonnes (Mt)	AuEq (g/t)	Au (g/t)	Cu (%)	Co (%)	Au (oz)	Cu (t)	Co (t)
Main	1.09	3.1	1.9	0.57	0.11	66,000	6,250	1,200
Crosscut	0.39	3.1	1.0	1.14	0.14	12,500	5,560	550
<b>Total</b>	<b>1.49</b>	<b>3.1</b>	<b>1.6</b>	<b>0.72</b>	<b>0.12</b>	<b>78,500</b>	<b>10,700</b>	<b>1,750</b>

## Gold Equivalent formula

The gold equivalent formula used in the calculation of an Au Eq grade uses the following parameters:

It is the Competent Persons' view that all elements contributing to the gold equivalent calculation have the potential to be extracted and sold.

Oxide	Au Eq. equation = $Au (g/t) + Cu (\%) \times 0.86 + Co (\%) \times 2.31$
Transitional	Au Eq equation = $Au (g/t) + Cu (\%) \times 0.81 + Co (\%) \times 2.17$
Fresh	Au Eq equation = $Au (g/t) + Cu (\%) \times 1.31 + Co (\%) \times 3.96$

Significant inputs to the Mineral Resource

Parameter	Input value
Overall slope angles	Oxide 40°, Transition 45°, Fresh 50°
Processing cost	A\$50/t
Gold recoveries	Oxide 96%, Transitional 93.5%, Fresh 93%
Copper recoveries	Oxide 61%, Transitional 56%, Fresh 90.5%
Cobalt recoveries	Oxide 47%, Transitional 43%, Fresh 78%
Mining costs	A\$2.70/t + 0.5c/t per m below 30mRL, thereafter add Transitional A\$0.25/t and Fresh A\$0.50/t. OP strip ratio 12:1
NSRs (incl. payability, royalty and treatment and refining costs)	Gold: 94%, Copper 84%, Cobalt 41%
Gold price	A\$2,600/oz
Copper price	A\$12,699/t
Cobalt price	A\$90,478/t
Au royalty (in dore)	2.5%
Au royalty (in concentrate)	5%
Cu royalty	5%
Co royalty	5%

<sup>1</sup> Reported above a cut-off of 0.7g/t AuEq. within an optimised pit shell (current as at 13 October 2022).

<sup>2</sup> Reported above a cut-off of 2.0g/t AuEq. for underground using MSO shapes (current as at 13 October 2022).

<sup>3</sup> The Resource is classified as an Inferred Mineral Resource in accordance with the JORC Code, 2012. All tonnes are dry metric tonnes. Figures may not compute due to rounding.



# Source Data Table for Carlow Resource and Slide 5

Company	Stock Code	Project	Stage of development	Measured			Indicated			Inferred			Total			Source
				Mt	g/t Au	koz	Mt	g/t Au	koz	Mt	g/t Au	koz	Mt	g/t	koz	
Artemis Resources Ltd.	ASX:ARV	Carlow Mineral Resource*	Resource Definition							8.74	1.3	374	8.74	1.3	374	13 October 2023: New High-Grade Au-Cu-Co Resource at Greater Carlow
De Grey (Now Northern Star)	ASX:DEG	Hemi	Acquired May 2025	12.7	1.4	588	148.5	1.3	6,261	102.7	1.3	4,326	263.9	1.3	11,174	14 November 2024: Hemi Gold Project Mineral Resource Estimate 2024
De Grey (Now Northern Star)	ASX:DEG	Withnell	Acquired May 2025	1.0	1.8	56	8.4	1.7	468	10.5	2.0	658	19.7	1.9	1,185	14 November 2024: Hemi Gold Project Mineral Resource Estimate 2024
De Grey (Now Northern Star)	ASX:DEG	Toweranna	Acquired May 2025				8.2	1.6	421	2.7	1.8	157	10.8	1.7	579	14 November 2024: Hemi Gold Project Mineral Resource Estimate 2024
De Grey (Now Northern Star)	ASX:DEG	Wingina	Acquired May 2025	3.1	1.7	173	2.6	1.5	122	6.2	1.2	244	11.8	1.4	539	14 November 2024: Hemi Gold Project Mineral Resource Estimate 2024
De Grey (Now Northern Star)	ASX:DEG	Mallina	Acquired May 2025				1.6	1.2	64	2.1	1.5	243	6.8	1.4	307	14 November 2024: Hemi Gold Project Mineral Resource Estimate 2024



# Thank you.

Follow us on



## Contact Information:

**Julian Hanna**

Managing Director

[info@artemisresources.com.au](mailto:info@artemisresources.com.au)

+61 8 6261 5463

**ASX:ARV** | AIM:ARV | FRA:ATY | USOTC:ARTTF

📞 [artemisresources.com.au](https://www.artemisresources.com.au)