

ASX Announcement

24 September 2025

Karratha Gold Project – Titan RC Drilling Program Underway

Highlights

- 1,600 meter Reverse Circulation (RC) drilling program is underway to test three shallow gold targets at Titan
- Drilling will test:
 - widely spaced outcrops of ferruginous and brecciated chert with high grade surface gold results from selective sampling reported during 2024¹
 - two undrilled gravity anomalies (G1 and G2) associated with major structures. G1 includes small outcrops of chert with surface gold reported during 2024²
 - strike extensions to elevated gold assay (peak assay of 1m @ 16.4g/t Au³) intersected in all three holes drilled at Titan East during March Quarter 2025
- Artemis is also planning a diamond drilling program to test potential extensions to the Carlow Resource⁴, initially along a 600 meter zone east of the Resource

Artemis Resources Limited (ASX/AIM: ARV) (“Artemis” or “the Company”) is pleased to inform shareholders that a RC drilling program is underway to test three shallow high priority gold targets within the extensive Titan prospect.

Apart from three shallow diamond holes completed by Artemis at Titan East during the March Quarter 2025 there is no previous drilling of the Titan Prospect. The potential for gold mineralisation at Titan is supported by:

- major structural disruption interpreted from magnetic and detailed gravity data
- adjoins the Regal Thrust Zone, associated with Carlow gold/copper mineralisation
- proximity to the Carlow resource⁵, one of the largest in the district

Titan is located within (and probably below) the Regal Thrust disrupted by crosscutting faults which appear to control high-grade gold/copper quartz/sulphide lodes at Carlow.

¹ Refer to Artemis ASX announcement on 28 January 2025

² Refer to Artemis ASX announcement on 3 June 2025

³ Refer to Artemis ASX announcement on 28 April 2025

⁴ Refer to Artemis ASX announcement on 3 June 2025

⁵ Refer to Artemis ASX announcement on 3 June 2025

Julian Hanna, Managing Director, commented:

"I am happy to report the Artemis team is excited that drilling is now underway as an initial test of the shallow gold potential interpreted to exist at Titan. In addition to testing three specific targets, this initial RC program should also provide valuable geological and geochemical data over the wider area which is largely obscured by transported cover and is undrilled.

We look forward to reporting results from this drilling program in coming weeks".

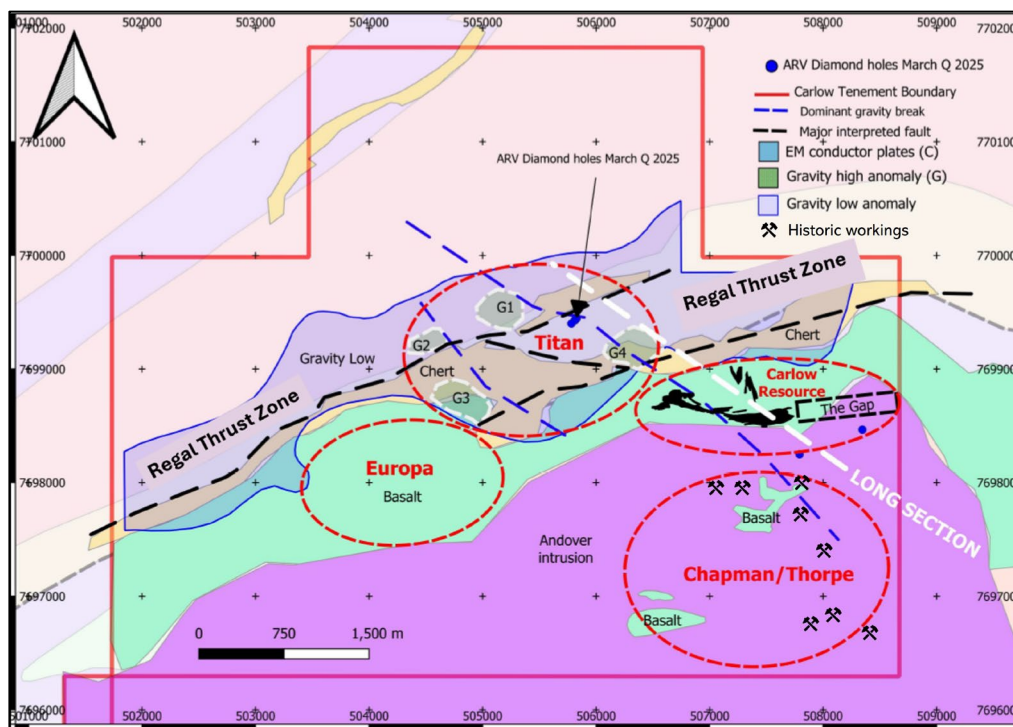


Figure 1: Simplified geological interpretation showing outline of Carlow resource and Titan Prospect



Figure 2: Looking northwest across G1 (gravity target) towards interpreted repetition of Regal Thrust chert

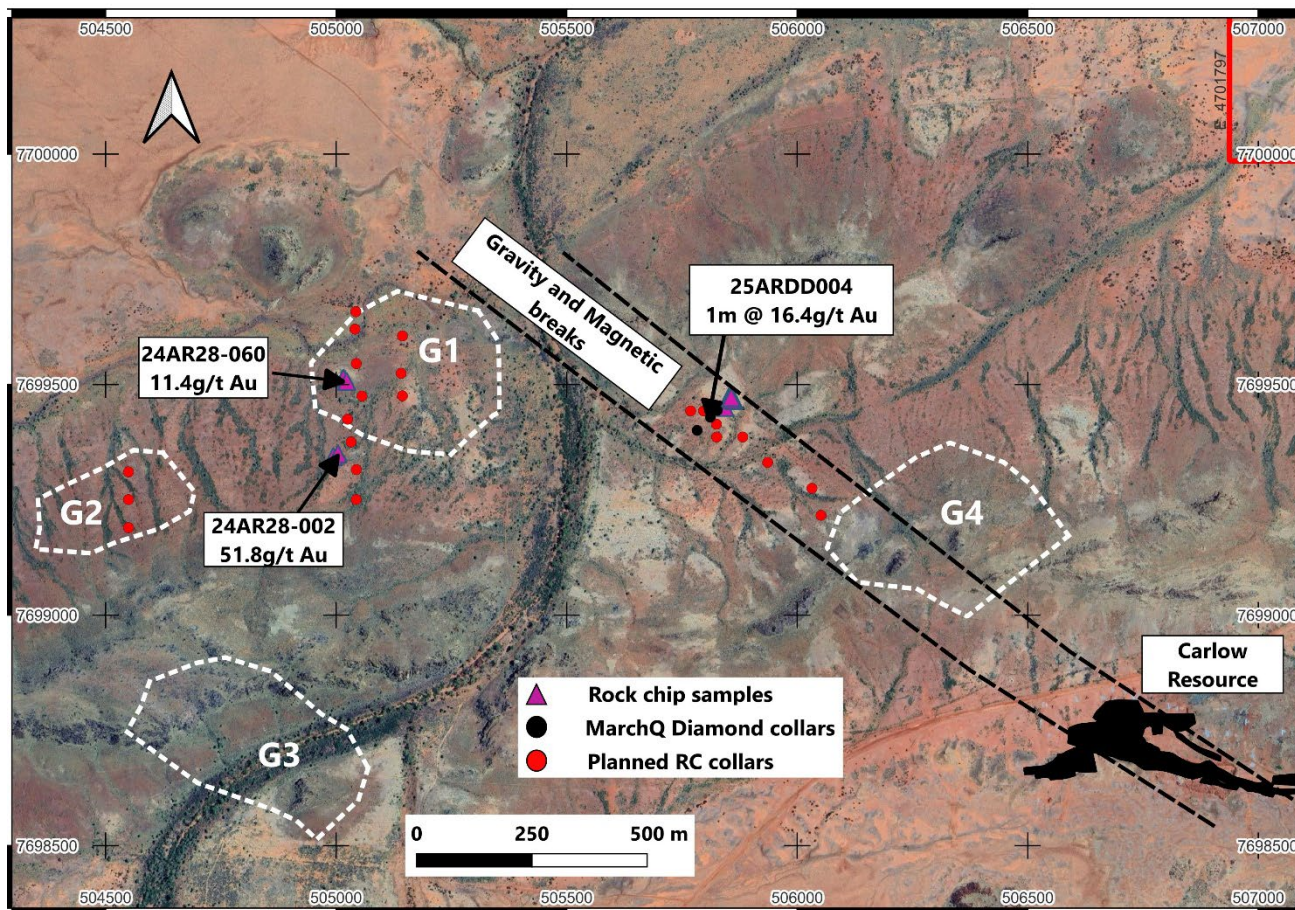


Figure 3: Titan Prospect: Satellite image showing location of planned RC drill holes at Titan East, G1 and G2

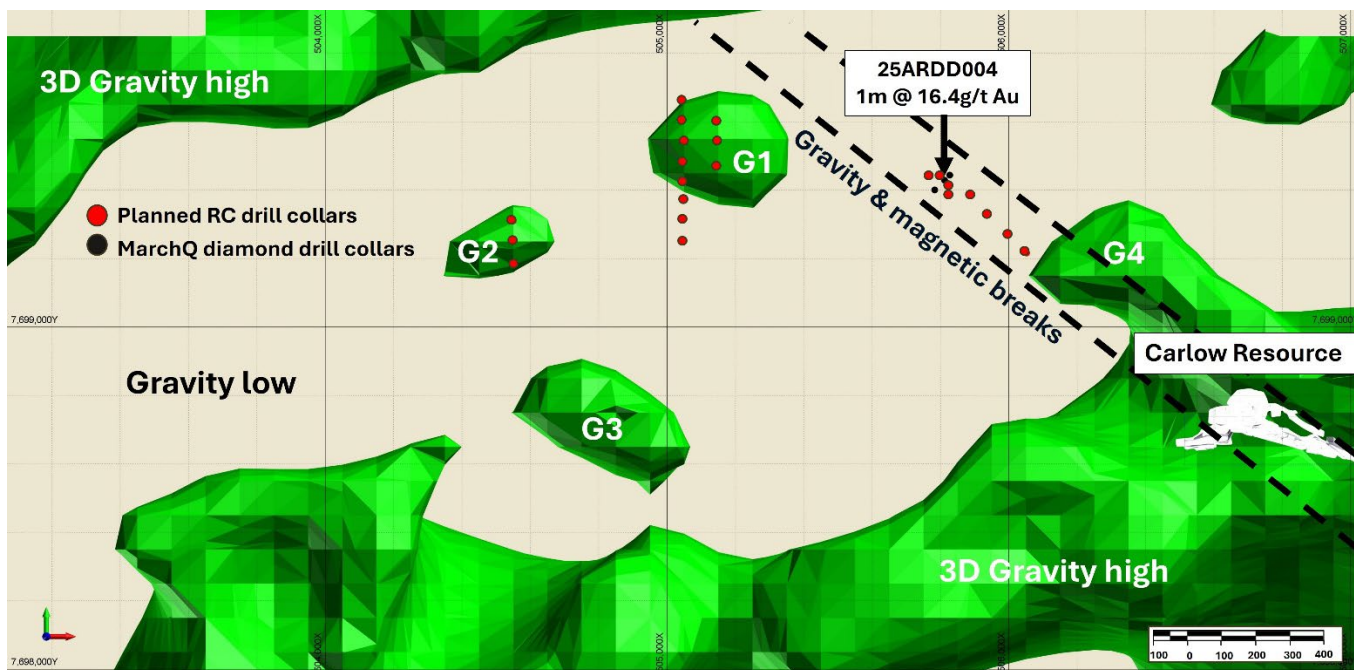


Figure 4: Titan Prospect: Inversion model of detailed gravity data showing location of three current targets

This announcement was approved for release by the Board

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Competent Person Statement

The information in this report that relates to Exploration Results was compiled by Mr Julian Hanna, a Competent Person who is a member of the Australasian Institute of Mining and Metallurgy (MAusIMM). Mr Hanna is Managing Director of Artemis Resources Ltd and 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 a Competent Person 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 his information in the form and context in which it appears.

No New Information

To the extent that this announcement contains references to prior exploration results 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.

Forward Looking Statements

This announcement contains 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 announcement 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 announcement 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 announcement 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.

About Artemis Resources

Artemis Resources (ASX/AIM:ARV) is a gold, copper and lithium focused resources company with a highly attractive suite of projects including projects in Western Australia's underexplored North Pilbara Gold Province and the Cassowary copper/gold exploration project 440km east of Kalgoorlie in Western Australia.

- **Attractive projects:**
 - **Gold/Copper** – Karratha Gold Project (100%) multiple prospects incl: Carlow, Titan, Thorpe
 - **Copper/Gold** – Cassowary Intrusion Exploration Project – large IOCG type targets
 - **Paterson Gold/Copper Project** – adjacent to Havieron Mine (owned Greatland Gold)
 - **Lithium** – Artemis/Greentech Metals Limited (ASX:GRE) Lithium JV: Mt Marie, Kobe, Osborne
- **Highly strategic location:** Tier 1 jurisdiction, close proximity to major hub at Karratha including regional rail and road infrastructure, administrative centre and Dampier Port
- **Significant exploration upside:** highly prospective tenure package in the Pilbara Region of Western Australia which is rapidly emerging gold province dominated by >12Moz Au Hemi Project
- **Mineral Resource with growth potential:** existing high-grade gold-copper Mineral Resource at Carlow
- **Established processing site at Radio Hill:** strategically located, fully permitted
- **Cassowary Exploration Project:** Artemis holds a granted 341km² exploration licence covering the large, interpreted Cassowary Intrusion prospective for IOCG type copper/gold and has applied for three other exploration licences to cover other interpreted intrusions within a 30-40km wide rift zone