






## **E79 Gold Receives up to \$250,000 in Northern Territory Geophysics and Drilling Collaborations Program Funding for Mountain Home Cu-Au-Bi Project**

**Initial 2,000m drilling program set to commence in the upcoming dry season**

-  **Two co-funded exploration grants have been awarded to E79 Gold under the Northern Territory Government's Geophysics & Drilling Collaborations (GDC) program for the Mountain Home Copper-Gold-Bismuth Project.**
-  **The programs consist of a \$100,000 contribution towards co-funding a 2,000m RC drilling program at the Mountain Home Gossan, and a \$150,000 contribution towards co-funding an airborne gravity survey at the greater Mountain Home Project.**
-  **Heritage approval is ongoing with heritage surveys organised for August, with a view to undertaking initial RC drilling later in the dry season.**

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West Australian-based explorer E79 Gold Mines Limited (**ASX: E79**) ('E79 Gold' or 'the Company') is pleased to advise that it has been awarded two co-funded grants for exploration at the Mountain Home Copper-Gold-Bismuth Project, located in the Northern Territory.

**E79 Gold CEO, Ned Summerhayes, said:** *"We are very grateful for the support of the Northern Territory Geological Survey through their Geophysics and Drilling Collaborations program, under the Resourcing the Territory program. These two successful applications validate our exploration strategy in the highly prospective*

### **ASX Code: E79**

Shares on issue: 158M

Market capitalisation: \$3.5M

Cash: \$2.13M (31 March 2025) plus \$783k  
tranche 2 placement received Apr25

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*McArthur Basin and will allow the Company to de-risk initial drilling at the highly prospective Mountain Home Gossan. The acquisition of large-scale, high-quality gravity data over the project will allow more targeted exploration programs to be undertaken going forward, reducing both the risk and timeframes to a potential discovery."*

## **Northern Territory – Mountain Home Project**

### **Mountain Home (EL32470 100% E79 Gold), EL33886 and EL33887 (both under application – 100% E79 Gold)**

E79 Gold controls an area of 868km<sup>2</sup> within the highly prolific McArthur Basin in the Northern Territory. The Project covers inliers of prospective lithology of the McArthur Basin, within the younger Carpentaria Basin, and is highly prospective for copper, gold and bismuth.

Preliminary assessments indicate that Mountain Home may be included in a family of deposits described as intra-cratonic copper-gold (ICG), which includes the iron-oxide copper-gold (IOCG) deposit classification. While at an early stage of evaluation, this style of mineralisation has potential for significant scale and / or grade and Mountain Home may be most similar to notable IOCG occurrences in the Tennant Creek mineral field.<sup>1</sup>

E79 Gold was successful with two applications in Round 18 Geophysics and Drilling Collaborations Program funding.

The first program is an initial RC program at Mountain Home and will receive 50% of drilling costs up to \$100,000 (inclusive of GST). The 2,000m program is centred around the Mountain Home Gossan and surrounding dolostone, where rock chip assays taken over the MH Gossan have returned results of up to 45.5% Cu, 11.75g/t Au<sup>2</sup> and 9.09% Bi<sup>3</sup>.

The second program is for a large-scale airborne gravity survey over the Mountain Home Project. Under this program, 50% of the data acquisition costs – up to \$150,000 (inclusive of GST) – are available to E79 Gold Mines.

Gravity is a very powerful tool in identifying structures, intrusions and targets under cover.

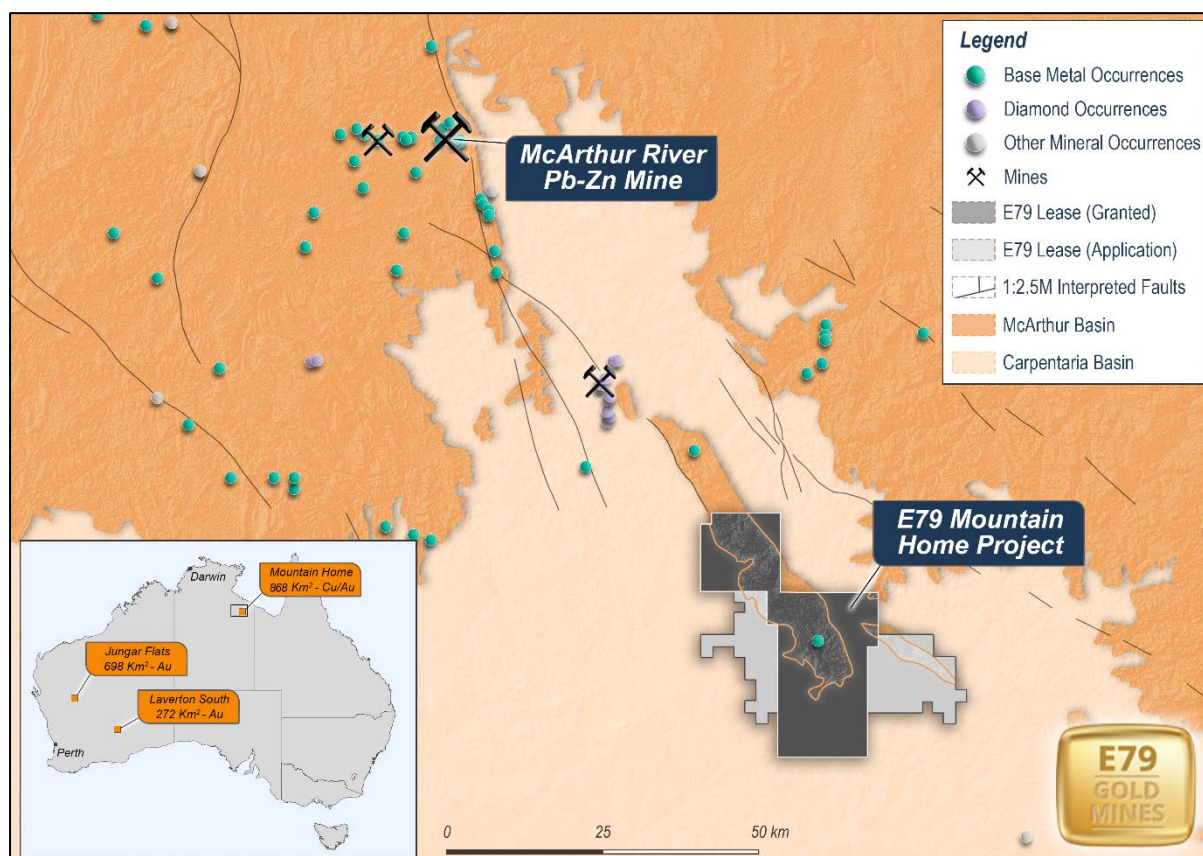
Under the conditions of the GDC funding all work is to be undertaken in 2025, with funding flowing back to companies after the completion of the work programs.

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<sup>1</sup> Refer to Carl Brauhart MEGWA presentation <https://www.youtube.com/watch?v=HQFWxxFIIGQ>

<sup>2</sup> Refer to E79 Gold Mines ASX Announcement 26 July 2024

<sup>3</sup> Refer to E79 Gold Mines ASX Announcement 20 November 2024



**Figure 1:** Location map of the Mountain Home Project with the McArthur and Carpentaria Basins.

**Our motto:** Money in the ground.

Yours sincerely,



**Ned Summerhayes**

**Chief Executive Officer**

*The information in this report that relates to Exploration Results is based on information compiled by Mr Ned Summerhayes, a Competent Person who is a member of the Australian Institute of Geoscientists. Mr Summerhayes is a full-time employee, a shareholder and an option holder of the Company. Mr Summerhayes 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 Summerhayes consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.*

*Previously Reported Information: The information in this report that references previously reported exploration results is extracted from the Company's ASX market announcements released on the date noted in the body of the text where that reference appears. The previous market announcements are available to view on the Company's website or on the ASX website ([www.asx.com.au](http://www.asx.com.au)). The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcements.*

Authorised for release by the CEO of E79 Gold Mines Limited.

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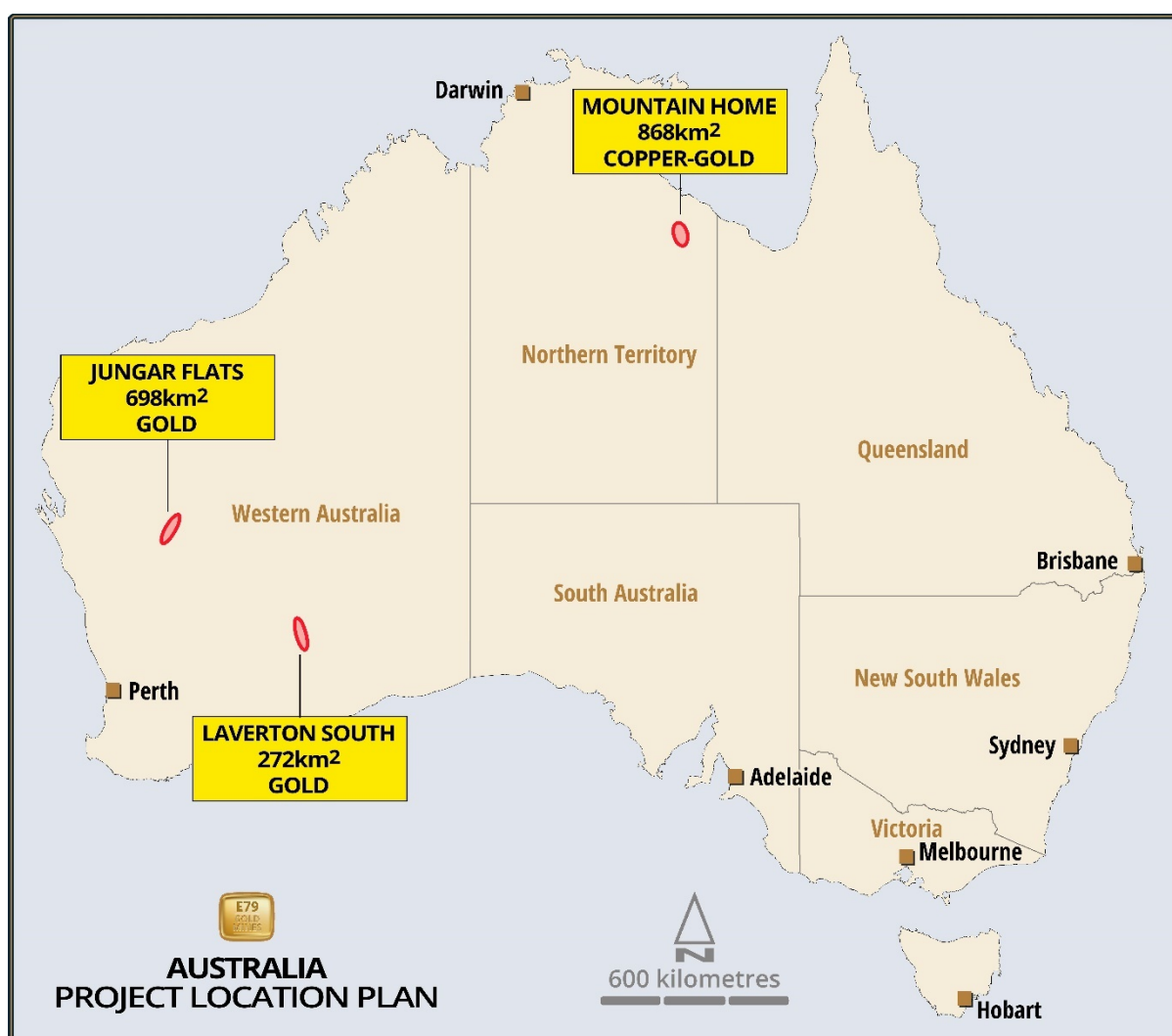
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## ABOUT E79 GOLD MINES LIMITED (ASX: E79)

E79 Gold's Projects comprise ~1,838km<sup>2</sup> of highly prospective ground, including within the McArthur Basin of the Northern Territory, which is the world's largest accumulation of Zn-Pb<sup>4</sup> and is prospective for copper, gold and diamonds, and within the Laverton Tectonic Zone and Murchison Goldfields, both of which are endowed with >30 million ounces of gold and located within the Yilgarn Craton of Western Australia. The Murchison project is subject to an earn-in and joint venture agreement with Scorpion Minerals<sup>5</sup> allowing E79 Gold to focus on the gold discovery potential in the Laverton South Gold Project and focus on the Mountain Home Project.



*Figure 2: Map of E79 Gold's exploration projects.*

<sup>4</sup> Huston et al, 2023, Zinc on the edge, Mineralium Deposita 58 (707-729)

<sup>5</sup> See ASX announcement 14 February 2025