

16 June 2025



E79 Gold Significantly Expands Mountain Home Project Tenure

-  E79 Gold has acquired the Mineral Rights to ~498km² of tenure adjacent to its existing Mountain Home Project, increasing the area under E79 Gold's control by 57% to 1,366km²
-  This acquisition, in the highly prospective McArthur Basin, supports the Company's strategy of identifying prospective areas, controlling large landholdings and undertaking systematic modern exploration
-  Work is progressing at the Mountain Home Project, with heritage surveys planned ahead of initial Reverse Circulation drilling in 2025
-  Upcoming gravity survey and RC drilling will be supported by two co-funded exploration grants awarded to E79 Gold under the NT Government's Geophysics and Drilling Collaborations Programs (GDC)¹

West Australian-based explorer E79 Gold Mines Limited (**ASX: E79**) ('E79 Gold' or 'the Company') is pleased to announce the acquisition of a significant additional landholding adjacent to the Company's Mountain Home Copper-Gold-Bismuth Project in the Northern Territory.

The newly acquired mineral rights cover an area of 498km² and increase the Company's total landholding at Mountain Home to 1,366km².

E79 Gold CEO, Ned Summerhayes, said: *"The Mountain Home Project is moving forward, with the acquisition of rights to an additional ~500km² of exploration ground*

¹ Refer to Refer to E79 Gold Mines ASX Announcement 10 June 2025

ASX Code: E79

Shares on issue: 158M
Market capitalisation: \$3.3M
Cash: \$2.13M (31 March 2025) plus \$783k
tranche 2 placement received Apr25
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covering the prospective McArthur Basin stratigraphy, significantly expanding our exploration search space. The new ground sits adjacent to our existing Mountain Home tenure and covers the edge of the McArthur Basin. Given its close proximity to the Merlin Diamond Field, historical exploration within the new tenements was predominantly focused on diamonds, however E79 sees compelling opportunity to explore for base metals, copper, gold and bismuth, similar to what we have seen further south at the Mountain Home Gossan.”

Northern Territory Project

Mountain Home (EL32470 100% E79 Gold), EL33886 and EL33887 (both under application – 100% E79 Gold), EL32466 and EL32467 (Mineral Rights)

E79 Gold now controls an area of 1,366km² within the highly prolific McArthur Basin in the Northern Territory. The Mountain Home Project covers inliers of prospective lithology of the McArthur Basin, within the younger Carpentaria Basin, and is highly prospective for base metals, 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), a sub-group within the broader 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 early indications suggest Mountain Home may be most similar to notable IOCG occurrences in the Tennant Creek mineral field².

In June 2025, E79 Gold entered into an agreement with NT Minerals’ wholly owned subsidiary, Redbank Operations Pty Ltd (Redbank), for the Mineral Rights over excised portions of two granted tenements, EL32466 and EL32467. The tenements adjoin the existing Mountain Home Project to the north (Figure 1). The acquisition significantly increases E79 Gold’s exposure to the prospective McArthur Basin stratigraphy in this highly endowed region. E79 Gold has acquired all Mineral Rights in return for a cash payment of \$28,301.

Regional and targeted work programs at Mountain Home will be supported by two funding grants awarded under the Northern Territory Government’s Geophysics and Drilling Collaborations (GDC) Program³, the first for the acquisition of regional gravity data (up to \$150,000) and the second for initial Reverse Circulation (RC) drilling at the Mountain Home Gossan (up to \$100,000). Rock chip assays taken over 1,000m of outcropping gossan at the Mountain Home

² Refer to Carl Brauhart MEGWA presentation <https://www.youtube.com/watch?v=HQFWxxFIIGQ>

³ Refer to E79 Gold Mines ASX Announcement 10 June 2025

Gossan returned results of up to 45.5% Cu, 11.75g/t Au⁴ and 9.09% Bi⁵. The drilling and gravity programs are to take place in 2025.

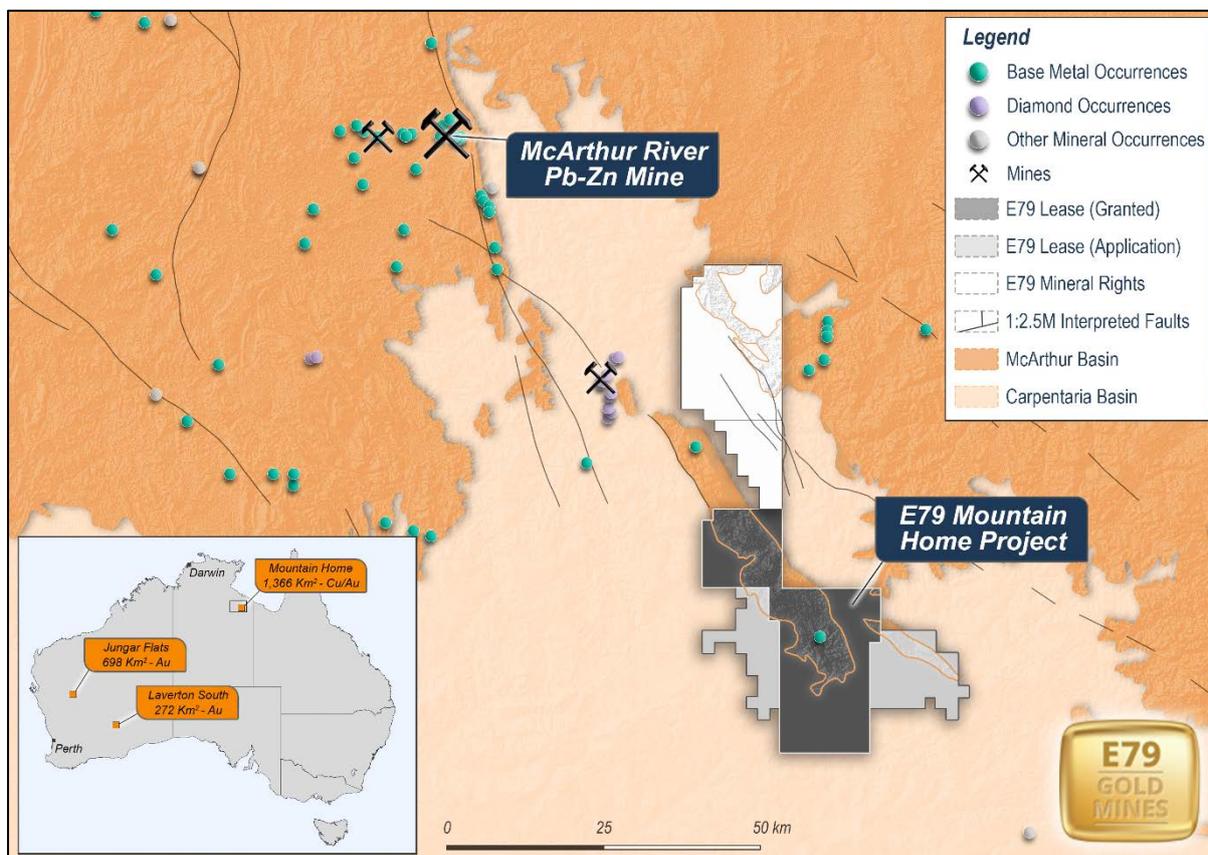


Figure 1: Location map of the Mountain Home Project within the McArthur and Carpentaria Basins.

Our motto: Money in the ground.

Yours sincerely,



Ned Summerhayes

Chief Executive Officer

⁴ Refer to E79 Gold Mines ASX Announcement 26 July 2024

⁵ Refer to E79 Gold Mines ASX Announcement 20 November 2024



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

E79 Gold's Projects comprise ~2,336km² of highly prospective ground, including within the McArthur Basin of the Northern Territory, which is the world's largest accumulation of Zn-Pb⁶ 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 Minerals⁷ allowing E79 Gold to focus on the gold discovery potential in the Laverton South Project and focus on the Mountain Home Project.

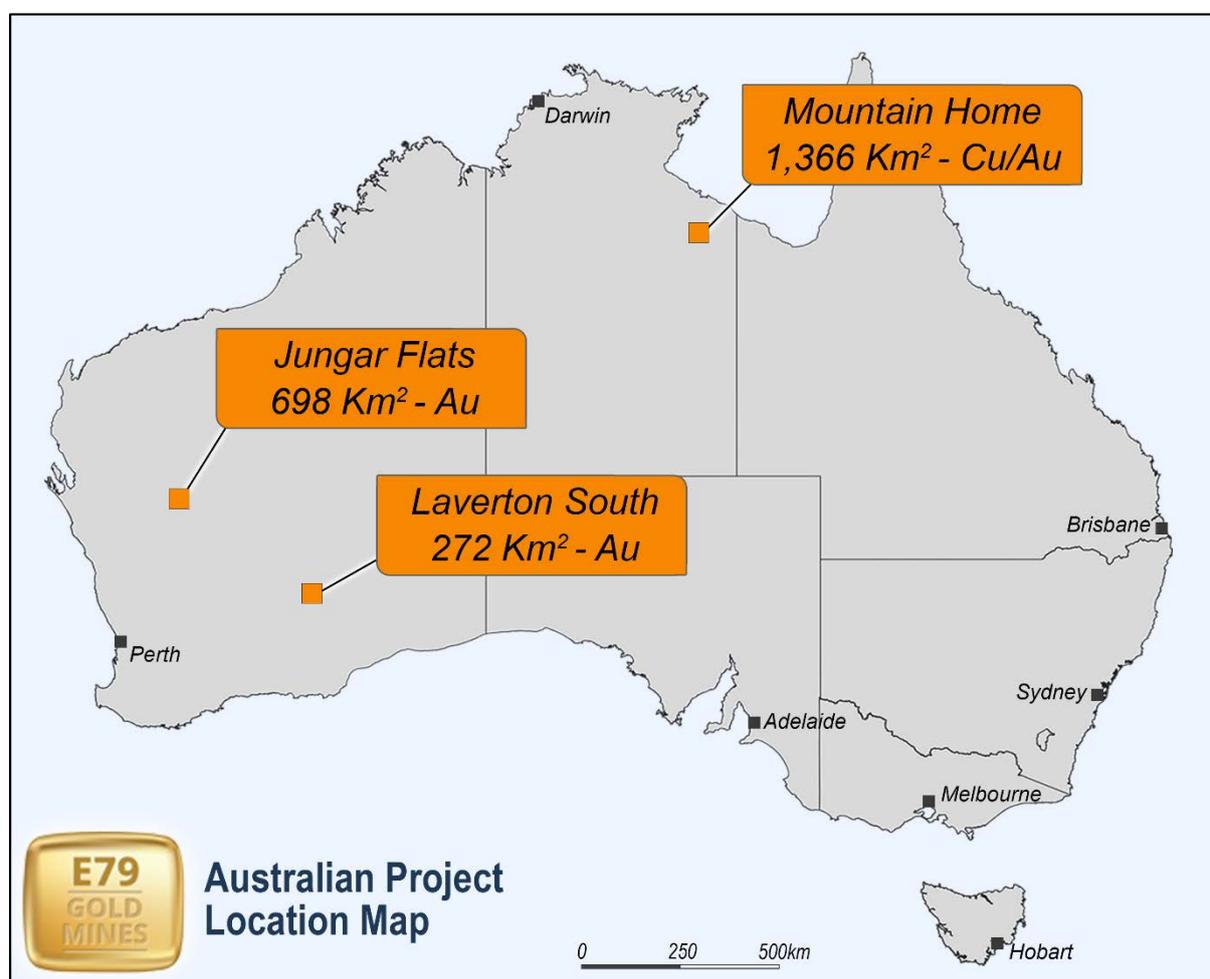


Figure 2: Map of E79 Gold's exploration projects.

⁶ Huston et al, 2023, Zinc on the edge, Mineralium Deposita 58 (707-729)

⁷ See ASX announcement 14 February 2025