



ASX ANNOUNCEMENT

CHAIN POOL TENEMENT GRANTED

- E08/3676 granted over high-grade “Joy Helen” copper-lead-silver prospect
- High-grade copper, lead and silver mineralisation sampled over 700m of strike
- Bangemall drilling progressing and IP survey completed at 8-Mile (Gidji JV)

Miramar Resources Limited (ASX:M2R, “Miramar” or “the Company”) is pleased to announce the grant of Exploration E08/3676 over the high-grade copper (Cu), lead (Pb) and silver (Ag) occurrence at the “Joy Helen” prospect, in the Gascoyne region of Western Australia (Figure 1).

The Company recently announced high-grade results from rock chip samples collected during an initial reconnaissance fieldtrip to the Joy Helen prospect before the tenement was granted including¹:

- **5.49% Cu, 42.0% Pb and 73.48g/t Ag**
- **5.43% Cu, 36.7% Pb, 36g/t Ag and 0.27% Zn**

Combined with historic sampling, the high-grade copper, lead and silver mineralisation at Joy Helen has been seen over approximately 700 meters of strike, including approximately 400 meters outside of the Barlee Nature Reserve (Figure 2).

Miramar’s Executive Chairman, Mr Allan Kelly, said the Chain Pool Project was also prospective for multiple other styles of mineralisation alongside the copper, lead and silver seen at Joy Helen.

“The western half of the project is dominated by a Durlacher Supersuite granite, which is the same unit that hosts the Yangibana and YIN REE deposits, and there are several later dolerite dykes cross-cutting the project which are the same unit that hosts the Mangaroon Ni-Cu-PGE prospect further south,” he said.

“We are looking forward to getting out on the ground and systematically exploring the Project,” he said.

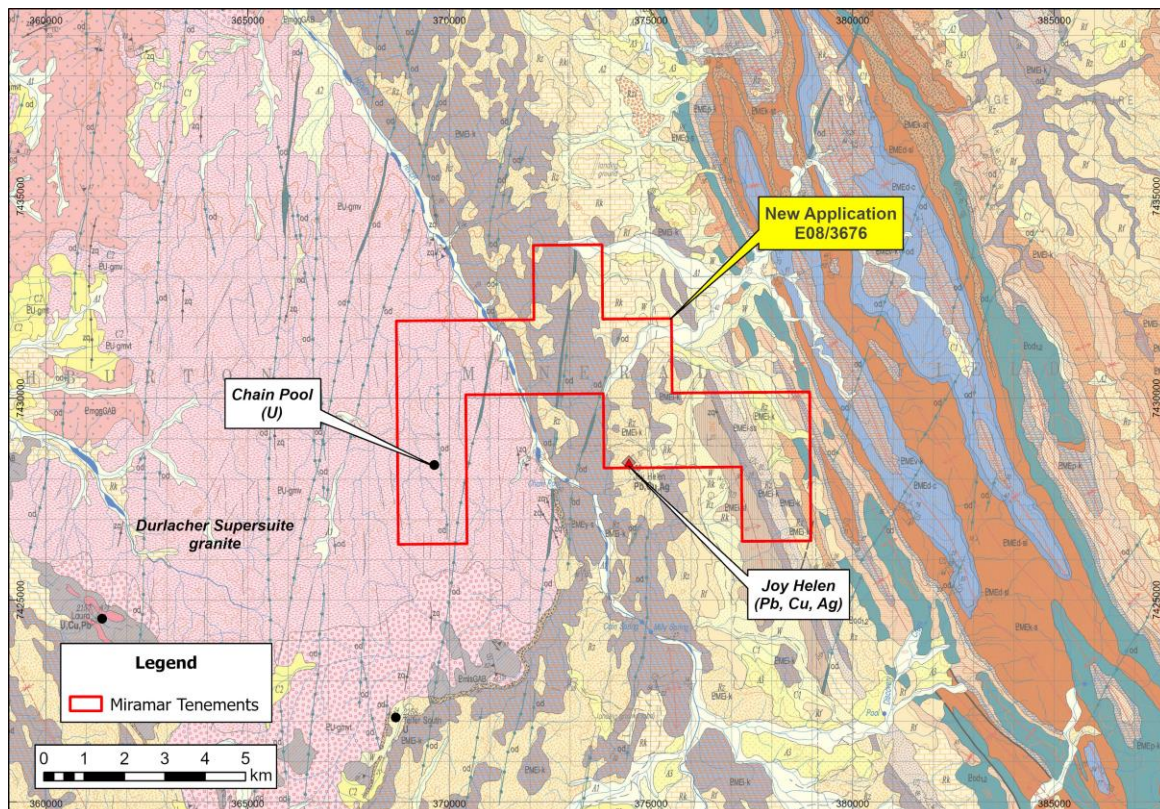


Figure 1. Exploration Licence E08/3676 (now granted).

¹ ASX Release dated 18 July 2024.

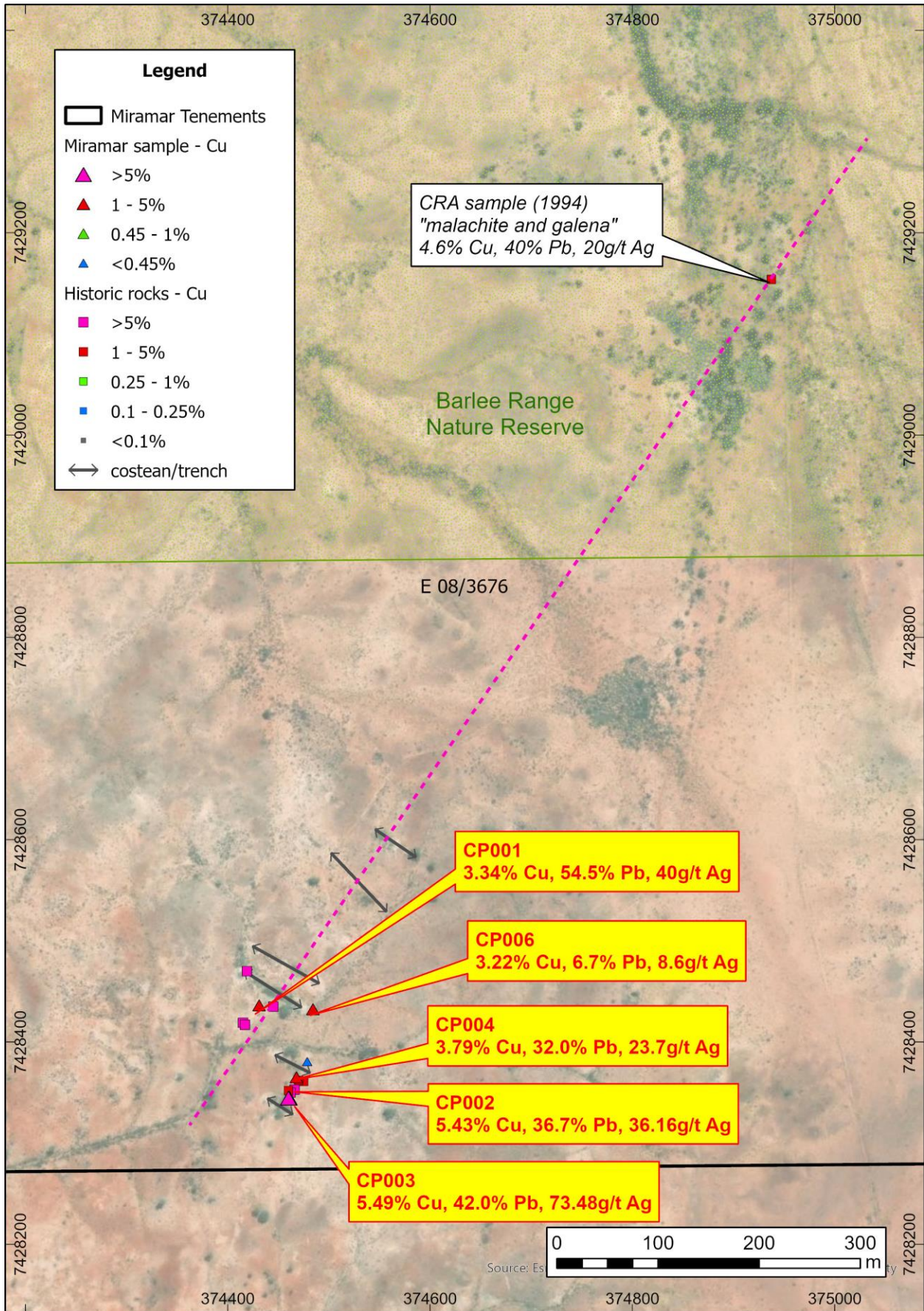
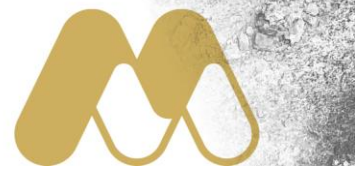
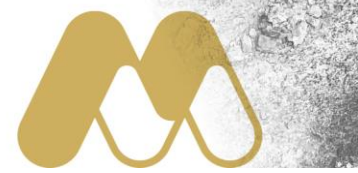


Figure 2. Plan view of Joy Helen prospect with historic (squares) and Miramar (triangles) sampling.



Exploration Update

The Company is currently focussed on completing the maiden drilling programme at the Mount Vernon and Trouble Bore Projects, part of Miramar's 100%-owned Bangemall Ni-Cu-Co-PGE Project portfolio in the Gascoyne region of WA.

Drilling is progressing and the programme is approximately 50% complete.

The Company has also recently completed further Induced Polarisation (IP) surveying over the "8-Mile" target within the Gidji JV Project, located 15 kilometres north of Kalgoorlie.

The aim of the survey is to refine a potential northern offset to Northern Star Resources Limited's 313koz "8 Mile Dam" deposit immediately south of the Gidji JV project boundary.

Geophysical contractor Khumsup Geophysics completed the survey and the data is currently being modelled by Core Geophysics.

Once the data has been received by Miramar, the Company will make plans to test the target with RC and/or diamond drilling.

For more information on Miramar Resources Limited, please visit the company's website at www.miramarresources.com.au, follow the Company on social media (Twitter @MiramarRes and LinkedIn @Miramar Resources Ltd) or contact:

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This announcement has been authorised for release by Mr Allan Kelly, Executive Chairman, on behalf of the Board of Miramar Resources Limited.

COMPETENT PERSON STATEMENT

The information in this report that relates to Exploration Targets or Exploration Results is based on information compiled by Allan Kelly, a "Competent Person" who is a Member of The Australian Institute of Geoscientists. Mr Kelly is the Executive Chairman of Miramar Resources Ltd. He is a full-time employee of Miramar Resources Ltd and holds shares and options in the company.

Mr Kelly has sufficient experience that is relevant to the style of mineralisation and type of deposits 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 Kelly consents to the inclusion in this Announcement of the matters based on his information and in the form and context in which it appears.

Information on historic and recent rock chip sampling results from the Chain Pool Project, including JORC Table 1 and 2 information, was included in the ASX Announcement titled "*HIGH-GRADE COPPER, LEAD AND SILVER RESULTS FROM NEW GASCOYNE PROJECT*" released on 18 July 2024.



About Miramar Resources Limited

Miramar Resources Limited is an active, WA-focused mineral exploration company exploring for gold, copper and Ni-Cu-PGE deposits in the Eastern Goldfields and Gascoyne regions of WA.

Miramar’s Board has a track record of discovery, development and production within Australia, Africa, and North America, and aims to create shareholder value through discovery of high-quality mineral deposits.

