



## ASX ANNOUNCEMENT

### EXPLORATION UPDATE

- **Preparations for maiden drill programme at Gidji JV underway**
- **Miramar expands land position in Bangemall region with new applications**

**Miramar Resources Limited (ASX:M2R, “Miramar” or “the Company”)** is pleased to provide an update on the Company’s current and proposed exploration activities since listing on the ASX.

#### **Gidji JV**

The Company advises that planning for the maiden drilling campaign at the Company’s 80%-owned Gidji JV Project is underway, with pegging and clearing of drill lines to be completed this week.

The Gidji JV Project is located approximately 15km north of Kalgoorlie and consists of 3 granted tenements and 14 applications covering a strike length of approximately 12km.

Miramar purchased an 80% interest in the Gidji JV project tenements as part of the recent IPO.

The initial focus will be on testing the potential for extensions to the 314,000oz “Runway” gold deposit located immediately south of the Project’s southern tenement boundary (Figure 1).

The Company has planned a number of aircore traverses and expects to commence drilling later this month.

The initial aircore drilling will be followed up with deeper RC and/or diamond drilling.

#### **New Applications in Bangemall region**

The Company has increased its strategic land position in the Bangemall region with applications for two new Exploration Licences, E08/3284 and E52/3893.

The two new licence areas, along with the Company’s existing four applications, were selected as being prospective for Proterozoic Ni-Cu-PGE mineralisation based on a combination of geological factors including:

- Proximity to major crustal-scale faults at the edge of the Archaean Pilbara and Yilgarn Cratons
- Presence of significant volume of Proterozoic dykes and sills of similar age to the West Musgraves
- Large areas of anomalous Ni, Cu, Pd and Pt in stream sediment sampling conducted by the GSWA
- Large EM conductors identified by the 2013 GSWA Capricorn Reconnaissance TEMPEST survey

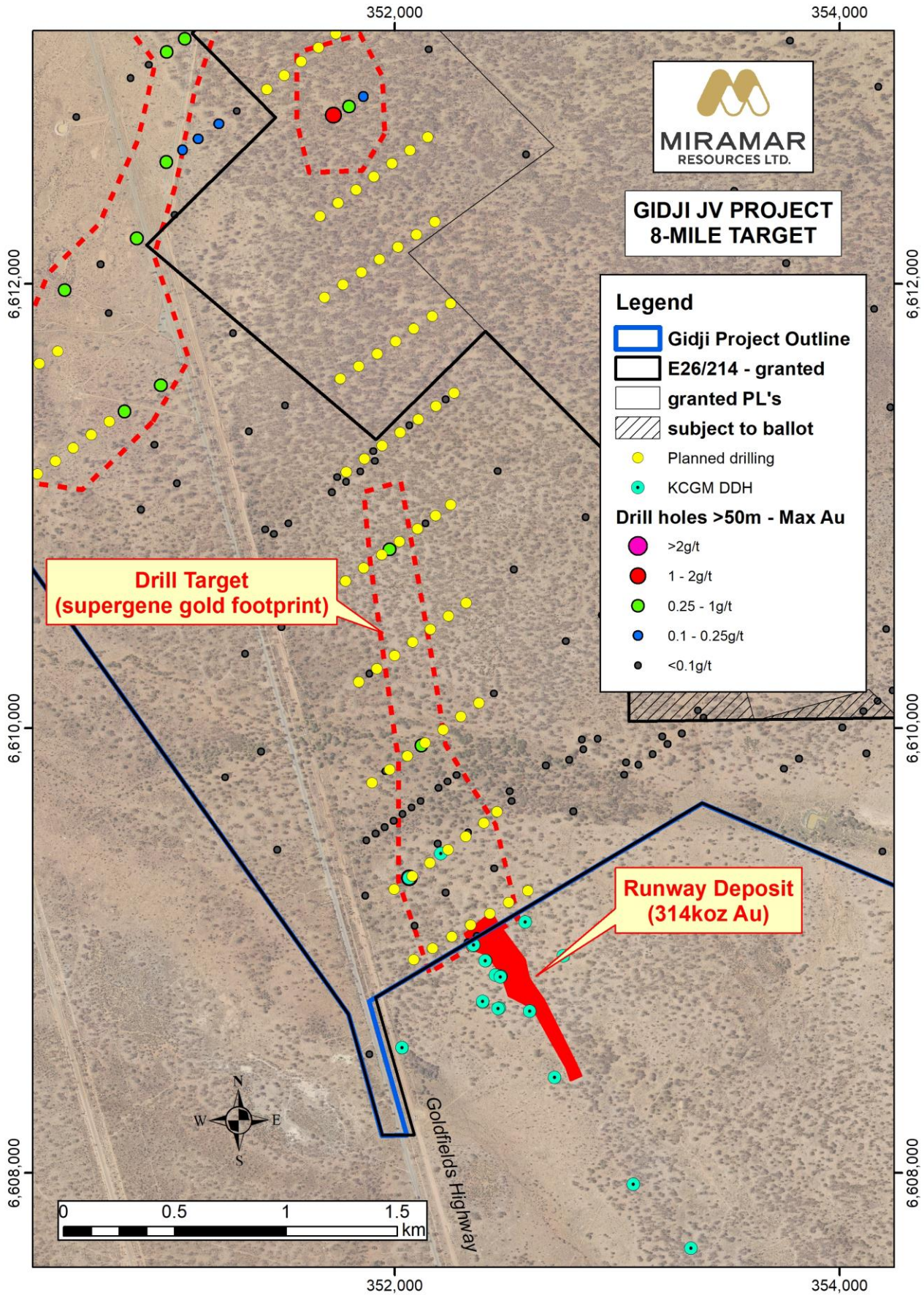
Since the original four applications were submitted by Debnal Pty Ltd in April 2020, the area has seen a “staking rush” with numerous new applications submitted, including by First Quantum Minerals (Figure 2).

Mr Kelly said the increased interest in the area, including by major nickel producers, confirms Miramar’s concepts about the prospectivity of the region.

*“The recent discovery of the Julimar deposit by Chalice validated the regional work completed by the state and federal governments. The Bangemall region is another area highlighted in those same surveys but which, to date, has effectively seen no exploration for this style of mineralisation,” Mr Kelly said.*

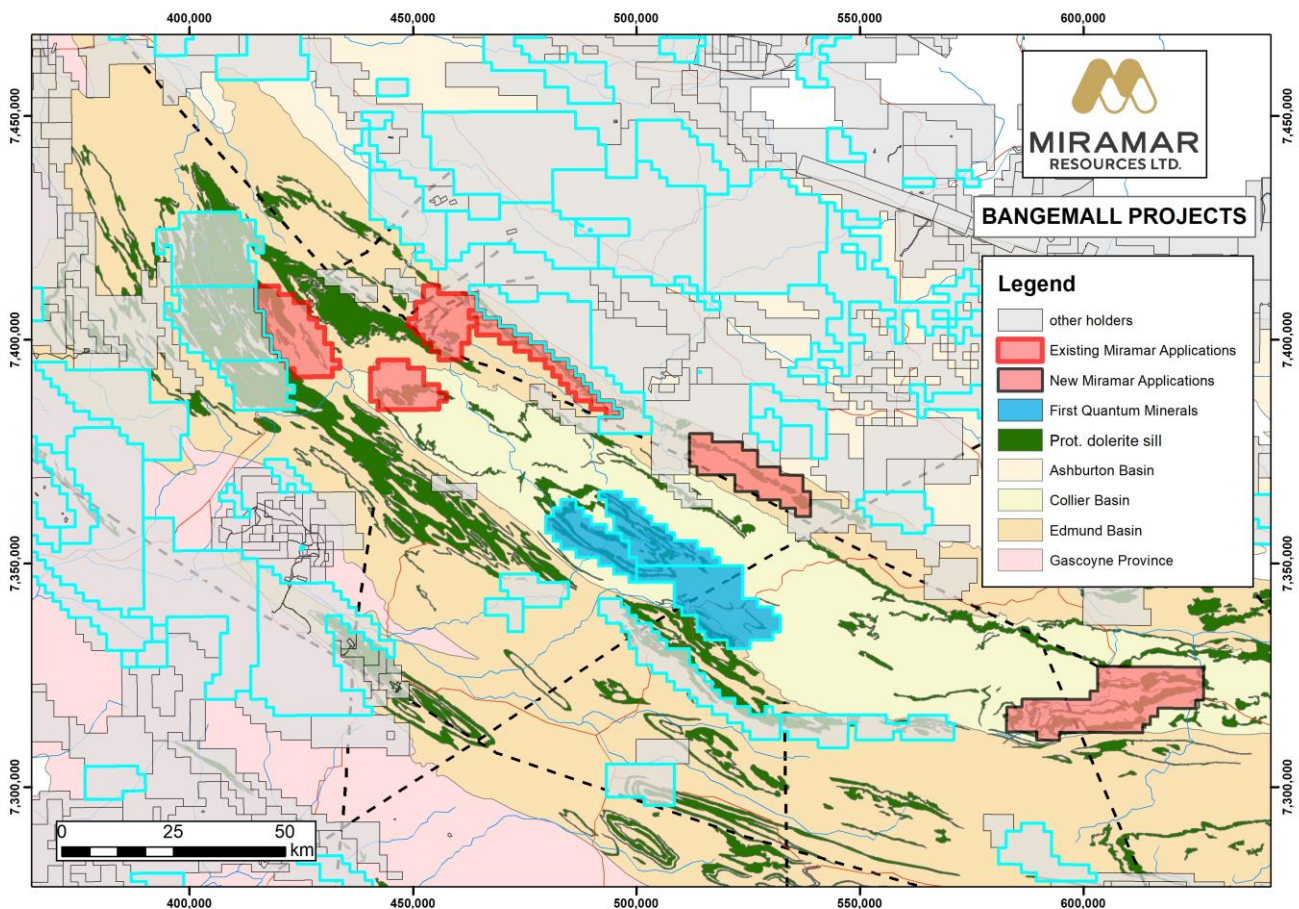
*“We have secured a strategic land position as first movers in the region and look forward to commencing exploration once the licences are granted,” he added.*





**Figure 1.** 8-Mile target showing location of the 314,000 ounce Runway deposit, immediately south of the project tenement boundary.





**Figure 2.** Bangemall region showing existing and new Miramar applications and highlighting other tenement applications submitted since 1 May 2020 (light blue outlines).

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

**About Miramar Resources Limited**

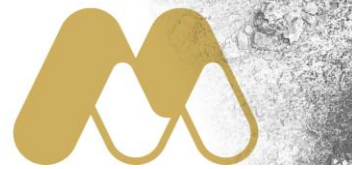
Miramar Resources Limited is a new WA-focused mineral exploration company with highly prospective gold exploration projects in the Eastern Goldfields, Murchison and Gascoyne regions of Western Australia.

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

**For more information on Miramar Resources Limited, please visit the company’s website at [www.miramarresources.com.au](http://www.miramarresources.com.au) or contact:**

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### **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 presentation of the matters based on his information and in the form and context in which it appears.

Information on historical exploration results for the Gidji JV and Bangemall Projects, including JORC Table 1 and 2 information, is included in the Miramar Prospectus dated 4 September 2020.