

23 April 2025

ASX Release

ORANGE SECURES KEY ACCESS TO DRIVE FURTHER EXPLORATION AT CALARIE PROJECT

HIGHLIGHTS

- Land Access Agreements secured to enable exploration beyond the defined Resource area.
- The Calarie Project has an Inferred Mineral Resource (JORC 2012) of 0.87Mt @ 1.83 g/t Au, containing 50,796 oz of gold¹.
- Previous high grade drill results reported by Orange at Calarie include²:
 - 10.6m @ 5.63 g/t Au and 4.6 g/t Ag from 39.1m (OCDD005)
 - 14m @ 3.4g/t Au from 112m (OCRC003)
 - 21m @ 4.5g/t Au from 34m (OCRC006)
 - 5m @ 13.5g/t Au from 143m (OCRC008)
 - 2m @ 5.1g/t Au from 94m (OCRC009)
- Field mapping completed over newly accessed ground.
- Geophysical review progressing and detailed magnetic survey planning underway.

Orange Minerals NL (ASX: OMX) ("Orange" or "the Company") is pleased to announce that it has conducted a field mapping program after recently securing land access agreements at its Calarie Project in Forbes, New South Wales. The land access agreements allowed for exploration to commence over the Bald Hill prospect on EL8580 and the Mary's Dream/ Toss a Penny, McMillans and Nibblers Hill prospects on EL8555 (refer Figure 1).

The Mary's Dream prospect (refer Figure 2) comprises a north – south striking quartz vein between folded and sheared sediments of the Cotton Formation with associated carbonate alteration over a strike length of 1.5km. Shallow workings and vertical shafts occur along the total strike length. Multiple veins dip steeply east, with widths up to 1.5m. The Toss a Penny prospect consists of a parallel set of quartz veins on the northern end of Mary's Dream.

¹ Refer to Table 1 below and ASX Announcement dated 13 February 2023 for further details

² Refer to ASX Announcement dated 4 April 2022 and ASX Announcement dated 4 November 2022 for further details

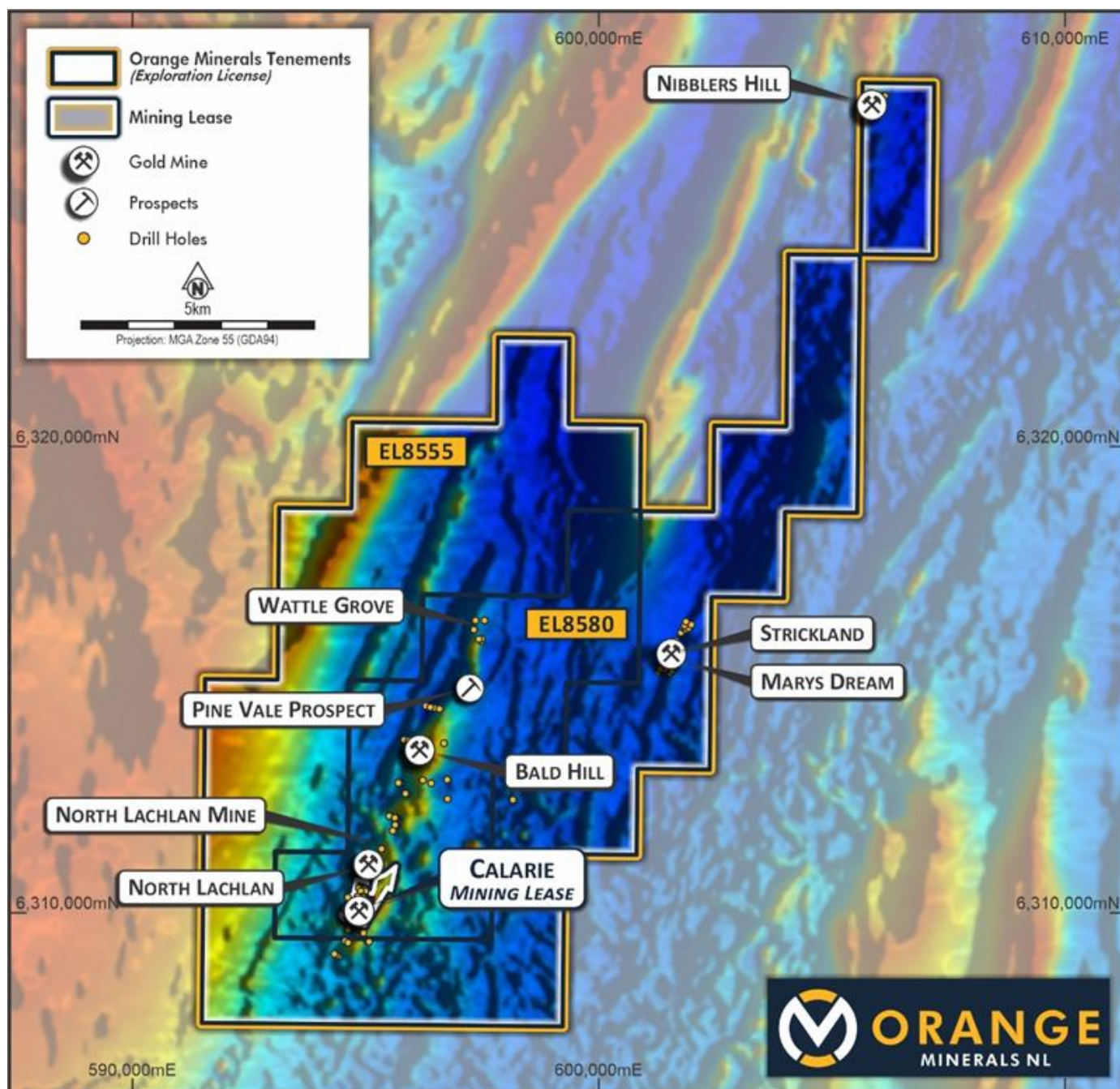


Figure 1- Calarie Project Area

The Nibblers Mine is located on the eastern contact between magnetic andesitic rocks and sediments. The area is located a short distance from the London – Victoria Mine to the NNW. The London – Victoria Mine is located on the same belt of rocks but on its western contact. The prospect consists of N-S striking and steeply east dipping, multiple quartz veins hosted within sericite – pyrite – carbonate altered volcanics, siltstone, banded chert and volcanoclastic sandstone. Twelve shafts (mostly filled in) are located along the main zone, extending over a strike length of 170m. Maximum depth of workings is 53m and outcrop is limited to mine workings and small scattered exposures (refer Figure 3). The mineralized zone is reported to be up to 4m wide. Previous small-scale production produced 24kg of gold at an average grade of 31 g/t Au.





Figure 2 – *Mary's Dream - Qtz veining in sheared siltstones*





Figure 3 – Nibblers Hill - Historical costean

Future Works

The Company is undertaking a targeting review at the Calarie Project, compiling all available geophysical data across the project area. As part of this work, detailed drone-based magnetic surveys on 25-metre spaced lines are planned over the Mary's Dream and Nibblers Hill prospects to better delineate key structural trends and the contact between the Andesites and surrounding sediments. Previous drilling at these prospects was shallow and did not adequately test the potential for primary mineralisation. Further drilling will be considered following the completion of the targeting review.

Placement to Proposed Director

Further to the Company's announcement on 9 April 2025, the Company is proposing subject to shareholder approval to issue proposed director Nadia Abdul-Aziz \$78,000 worth of shares (2,600,000 shares) on the same terms as the recent placement, being at an issue price of \$0.03 per share together with a 1:1 free attaching option (ex. \$0.09, 2 years). The proposed issue is in addition to the \$810,000 (before costs) raised under the recent placement and funds raised will be used for the same purposes.³

³ Refer to ASX Announcement dated 9 April 2025 for further details.



This ASX announcement has been authorised for release by the Board of Orange Minerals NL.

-ENDS-

About Orange Minerals NL

Orange Resources NL is an exploration company listed on the ASX (ASX: OMX) with Australian-based projects in the Lachlan Fold Belt (LFB) of NSW and Eastern Gold Fields of WA, both world-class mineral provinces. The LFB of NSW hosts major mines including Cadia/Ridgeway, North Parkes and Lake Cowal and the tenements in the Eastern Goldfields of WA are close to the Daisy Milano gold mine and Black Cat Resources Majestic Project. The Orange Minerals exploration team plan to rapidly explore its tenement packages with aggressive exploration programmes at its key properties. The company is currently focussing on the Calarie & Wisemans Creek Projects in NSW and the Majestic/Kurnalpi, Lennon's Find and Mulga Rock tenement in WA.

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Competent Persons Statement

The information in this report that relates to Exploration Targets, Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Phil Shields, a Competent Person who is a Member of the AusIMM. Mr. Shields is an employee of Orange Minerals NL 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. Shields consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Forward Statement

This release includes forward – looking statements which involve a number of risks and uncertainties. These forward-looking statements are expressed in good faith and believed to have a reasonable basis. These statements reflect current expectations, intentions or strategies regarding the future and are based on current assumptions. Should one or more of the uncertainties materialize, or should underlying assumptions prove incorrect, actual results may vary from the expectations, intentions and strategies described in this announcement. No obligation is assumed to update forward looking statements if these beliefs or opinions should change.

No new information – Mineral Resources

The information in this report that relates to Mineral Resources for the Calarie Project was first released to the ASX on 13 February 2023 and is available to view on www.asx.com.au. The Mineral Resources are summarized in Table 1 below. Orange Minerals NL confirm that it is not aware of any new information or data that materially affects the information included in the original market announcement, and that all material assumptions and technical parameters underpinning the estimates in the announcement continue to apply and have not materially changed.

Table 1 - Calarie MRE by JORC classification – January 2023

(Au 0.3 ppm cut-off)

Classification	Tonnes (Mt)	Au (ppm)	Au (Ozs)
Inferred	0.87	1.83	50,796

