



PHASE 2 DRILLING COMMENCES AT MT SOLITARY GOLD PROSPECT

Mount Hope Mining Limited (ASX: **MHM**) (“**Mount Hope**” or the “**Company**”) is pleased to announce the commencement of its planned phase 2 drilling program at the Mt Solitary prospect at the company’s 100%-owned Mt Hope Project, in the southern Cobar basin, New South Wales.

Highlights:

Phase 2 drill program comprises up to ~2,650m of **Reverse Circulation (“RC”) drilling** at the Mt Solitary prospect.

Phase 1 program returned exceptional results, such as 25MSRC004: **19m @ 4.5g/t Au from 39m (85 GT)**, including

- **8m @ 9.5g/t Au from 49m**
- **3m @ 23g/t Au from 50m**
- **1m @ 50g/t Au from 51m**

Mt Solitary contains historical high-grade results, including **MS23 46m at 3.18g/t Au from 24m (146 GT)**

Phase 2 program set to **test extensions to high-grade mineralisation (down plunge and along strike) and advance prospect towards a resource-definition stage**

Mount Hope Mining Managing Director & CEO Fergus Kiley commented:

“Commencing our phase 2 drilling program at Mt Solitary is a key milestone in Mount Hope Mining’s evolution. The outstanding high-grade results from our maiden program gave us confidence that Mt Solitary is an overlooked gold system, and this follow-up campaign is designed to both extend mineralisation along the northwest plunge and test for parallel lodes at Mt Solitary. Success in this program would move Mt Solitary firmly into the resource-definition phase, providing the foundation for our first JORC-compliant Mineral Resource and an important step in building a meaningful gold position for the Company in the southern Cobar Basin. We look forward to updating shareholders as drilling progresses.”

Mount Hope is pleased to announce it has commenced its phase 2 RC drilling program at the Mt Solitary prospect located 3km east of the historic Mt Hope copper mine (Figure 1).



Figure 1: Phase 2 RC drilling program commences at the Mt Solitary prospect

Phase 2 drilling at the Mt Solitary gold prospect

The program aims to follow up on the results produced from the initial phase 1 drill program completed in September⁽³⁾ and the historic results drilled by previous operators⁽¹⁾⁽²⁾. The program aims to advance and test the evolving structural & geological model for the Mt Solitary prospect, as well as define further mineralisation for the upcoming mineral resources estimate (MRE).

The Company believes the Mt Solitary prospect is an overlooked gold system with structural controls that have previously been misinterpreted. The Company plans to drill a series of holes to the northwest and southeast of the initial phase 1 drill results⁽³⁾ to continue to test this geological model (Figure 2).

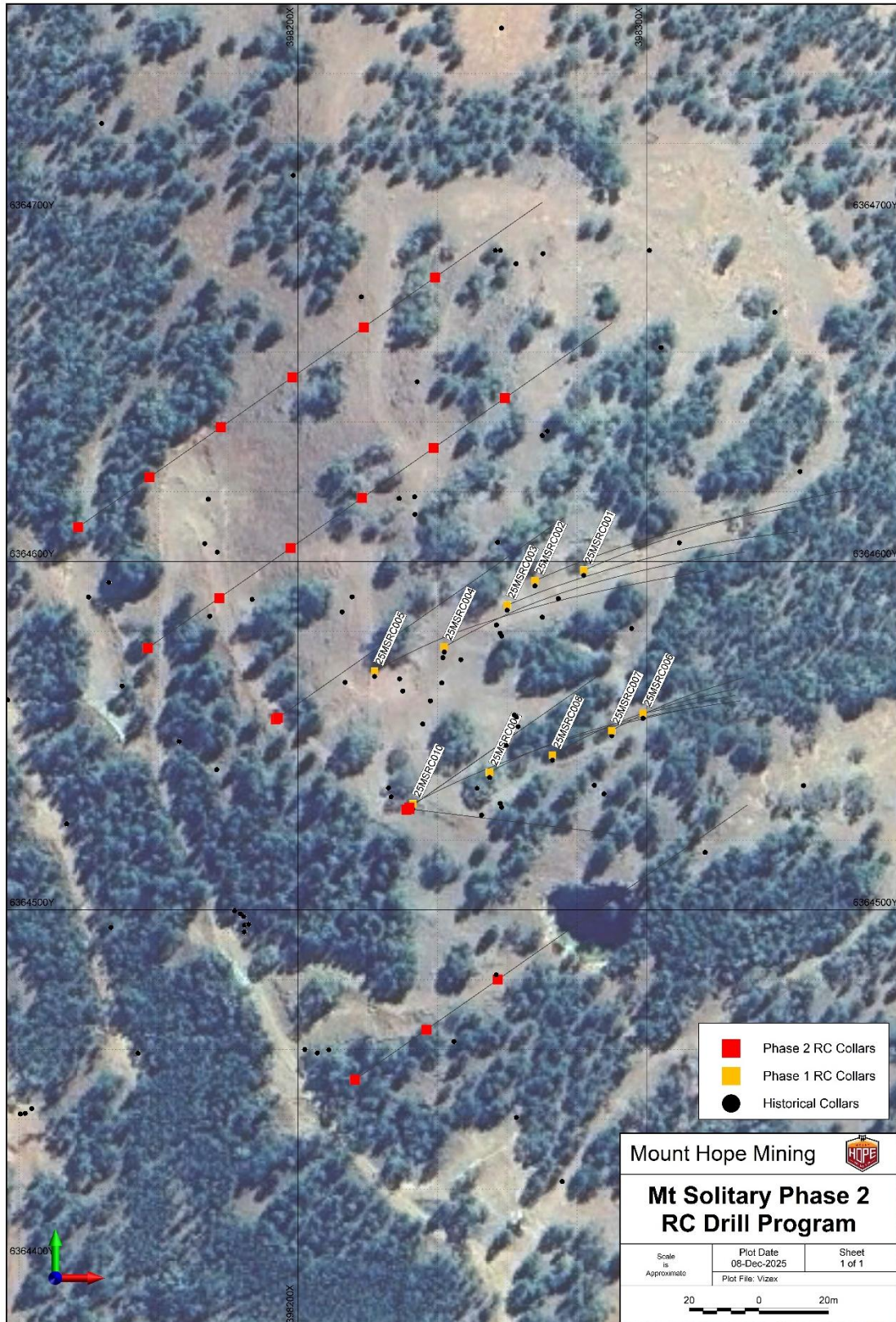


Figure 2: Planned collars for the phase 2 Mt Solitary drill program

The Company also believes that advancing the structural model for Mt Solitary is the key to unlocking the broader 7.5km MS2 corridor⁽⁴⁾ (Figure 3). Following the recent field trip to the NSW Core Library⁽⁴⁾, Mount Hope believes there is a case for the prospectivity of the entire MS2 Corridor, as evidenced by the similar mineralisation styles seen in the Mt Solar core in the South and Mt Solitary in the north.

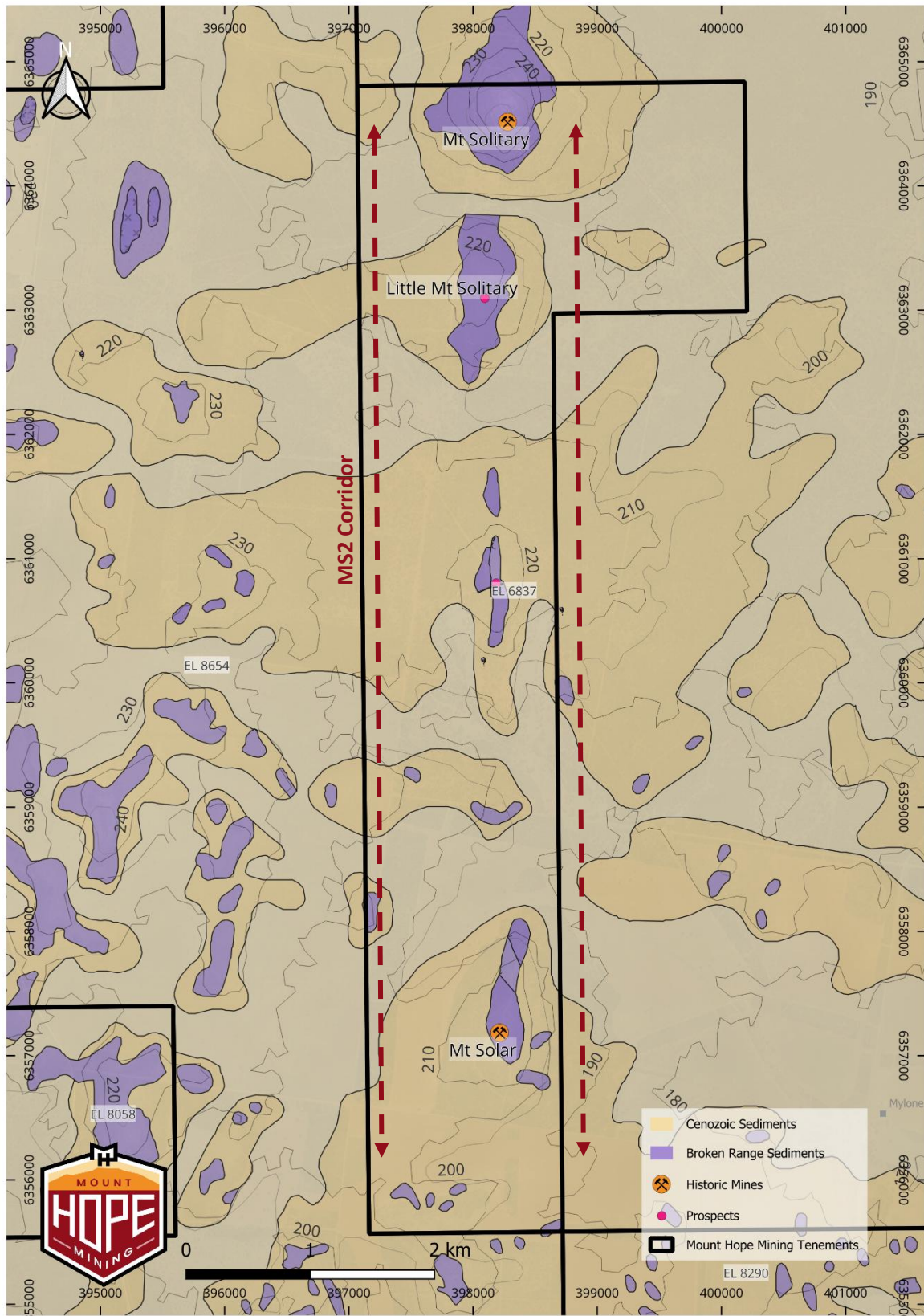


Figure 3: Mt Solitary to Mt Solar Shear zone & gold mineralised corridor, highlighting the four prospects, all associated with elevated RLs.

The Company looks forward to updating shareholders on the results of the drill program in due course.

About Mount Hope Mining:

The **Mount Hope Project** is a **422km² landholding** in the prolific **Cobar Super Basin** in central New South Wales. The tenements comprising the Mount Hope Project are located on the eastern margin of the Silurian to early Devonian Mt Hope Trough.

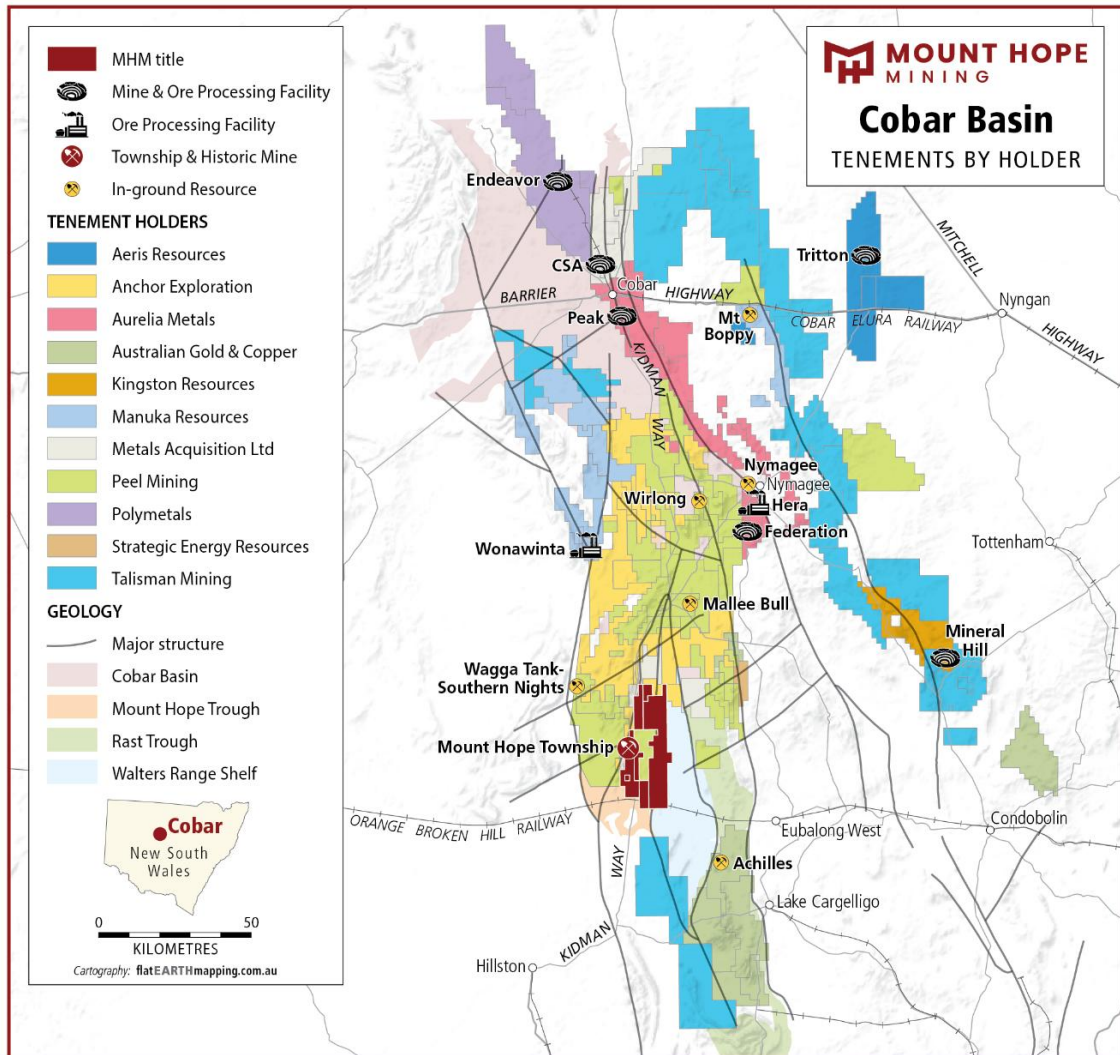


Figure 4: Mount Hope Project Location Map

The Mount Hope Project is strategically located in an established mining region and is well-connected to essential infrastructure, including power, water, and transport links. Key features include:

- The NSW major state highway B87 (Kidman Way) runs through the project area.
- The southern tenement (EL8290) is cross-cut by the Broken Hill rail line, and tenement EL8654 is located just 800m north of the Matakana Rail siding.
- The Broken Hill rail line has direct access to NSW seaports.
- Proximity to the historic town of Mount Hope offers access to accommodation, meals, and services, as well as 5G phone coverage.



The region is prospective for **'Cobar-style' gold-polymetallic mineralisation**, and the Company intends to explore multiple near-surface or outcropping prospects. The project hosts historical mining centres, including:

- Mount Hope, Comet, and Great Central copper mines are located along the western margin of the Sugar Loaf Fault.
- Mount Solitary and Solar gold mines are located along the eastern side of the tenement package and adjacent to the Scott Craig Fault.

Mineralisation appears to be controlled by north-to-north-northeast fault zones, particularly where these faults intersect with cross-cutting northwest or northeast faults. Historical mining records highlight the project's potential, with the **Mount Hope Mine** previously producing approximately:

- 7,891t of copper metal mined from 75,000t of ore at an average grade of 10.5% Cu (1878–1919)³.
- An additional 4,000t of copper was mined in 1942 before operations ceased³.

The proximity of Mount Hope to **recent "blind" polymetallic discoveries** in the district, such as the **Achilles, Wagga Tank-Southern Nights, Mallee Bull, and Federation** discoveries, underscores the region's potential for further significant exploration success.



References:

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- [1] MHM Announcement 18 Dec 2024: [Prospectus](#)
 - [2] MHM Announcement 10 Jun 2025: [Mt Solitary Gold Exploration Target](#)
 - [3] MHM Announcement 21 Oct 2025: [Maiden Drilling Results from Mt Solitary](#)
 - [4] MHM Announcement 13 Nov 2025: [Mt Solitary Drilling Set to Recommence](#)
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Competent Person's Statement:

Information in this report that relates to Exploration Results and Targets is based on, and fairly reflects, information compiled by Mount Hope Mining and Todd Williams, a Competent Person who is a Member of the Australian Institute of Geoscientists. Mr Williams is the Non-Executive Director of Mount Hope Mining and Managing Director of Unico Silver Limited. Todd has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity that he is undertaking to qualify as a Competent Person as defined by the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Williams consents to the inclusion of the data in the form and context in which it appears.

Forward-looking Statement

Certain statements in this announcement constitute "forward-looking statements" or "forward-looking information" within the meaning of applicable securities laws. Such statements involve known and unknown risks, uncertainties and other factors, which may cause actual results, performance or achievements of the Company, or industry results, to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements or information. Such statements can be identified by the use of words such as "may", "would", "could", "will", "intend", "expect", "believe", "plan", "anticipate", "estimate", "scheduled", "forecast", "predict" and other similar terminology, or state that certain actions, events or results "may", "could", "would", "might" or "will" be taken, occur or be achieved. These statements reflect the Company's current expectations regarding future events, performance and results, and speak only as of the date of this announcement. All such forward-looking information and statements are based on certain assumptions and analyses made by MHM's management in light of their experience and perception of historical trends, current conditions and expected future developments, as well as other factors management believes are appropriate in the circumstances.

This announcement is authorised for release to the ASX by the Board of Mt Hope Mining Ltd.

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