



GRADIENT ARRAY IP SURVEY COMMENCES ACROSS THE MS2 GOLD CORRIDOR

Mount Hope Mining Limited (ASX: **MHM**) (“**Mount Hope**” or the “**Company**”) is pleased to announce the commencement of a Gradient Array Induced Polarisation (“**GAIP**”) survey across its camp-scale MS2 Gold Corridor in its 100%-owned Mt Hope Project. The survey will assist in mapping the MS2 structure and identifying potential structural intersections beneath cover along the approximately 8km corridor linking the Mt Solitary and Mt Solar prospects.

Highlights:

- **GAIP survey underway along the MS2 Gold Corridor**, undertaken by Fender Geophysics:
 - **Nine 1.2km x 1.2km spreads covering ~9 km in length, for ~140 line km in total**
 - **Phase 1 underway** on the three Priority 1 spreads at the northern and southern ends of the trend
- **Designed to map the MS2 structure, focusing on the entire ~8 km mineralised trend** between the Mt Solitary and Mt Solar prospects, much of which lies under shallow cover
- **Targeting potential structural intersections, bends, jogs and flexures along the MS2 Gold Corridor**, a setting that commonly hosts high-grade mineralisation in the Cobar Basin
- **Results will guide drill targeting along strike from the Mt Solitary gold prospect**, with the remaining six spreads (Phase 2) to follow, subject to Phase 1 results

Mount Hope Mining Managing Director & CEO Fergus Kiley commented:

“The MS2 Gold Corridor is shaping up as the backbone of the Mt Hope Project. Our drilling at Mt Solitary has shown how strongly the mineralisation there is controlled by structure, yet most of the ~8km trend between Mt Solitary and Mt Solar sits under cover and cannot be mapped from surface.

“This survey will give us the first continuous picture of MS2 along its full length, and we are specifically looking for fault intersections that cause the bends and jogs in the structure that tend to promote mineralisation in the Cobar Basin.

“Starting with the priority spreads at both ends of the trend will allow us to confirm how well the survey technique works before committing to the full program. Importantly, we expect it to deliver a pipeline of new drill targets alongside our ongoing work at Mt Solitary.”



Surveying the MS2 Gold Corridor

Gold and copper mineralisation has been uncovered across the Mt Hope Project and the Company has identified this is associated with the MS2 Gold Corridor, an ~8km north to south mineralised trend linking the Mt Solitary and Mt Solar prospects. Drilling at Mt Solitary has shown the gold mineralisation at the prospect to be structurally controlled and has demonstrated that the mineralisation sits where the MS2 structure is intersected by cross-cutting faults.

This pattern is repeated along the MS2 trend. The outcropping prospects at Powerline Hill, Mt Solitary and Mt Solar all host known mineralisation at intersections between MS2 and cross-cutting structures. These intersections act as structural traps for mineralising fluids, making them priority targets along the corridor.

Between the outcropping prospects, MS2 lies predominantly under cover, so neither the structure nor the faults crossing it can be mapped from surface. The Company is using a GAIP survey to map MS2 along the full ~8km trend to identify additional cross-cutting structures, with the aim of finding repeats of the Mt Solitary setting beneath cover.

GAIP is well suited to this task. The technique measures ground resistivity and chargeability efficiently and in fine detail over large areas, enabling mapping of faults, alteration and sulphide mineralisation through cover. This survey will deliver the first continuous image of these properties along the full MS2 Gold Corridor, which the Company will interpret alongside its existing geological, geochemical and drilling data.

Program design

The program comprises nine GAIP spreads laid end-to-end along the MS2 trend (Figure 1). Each spread consists of 13 survey lines at 100m spacing, providing coverage of approximately 1.2km x 1.2km and 15.6 line km per spread. Key survey parameters are summarised in Table 1.

Table 1: MS2 GAIP survey parameters

Parameter	Specification
Number of spreads	9 (3 Priority 1, 6 Priority 2)
Spread size	1.2 km x 1.2 km (13 lines per spread)
Line spacing	100m
Line length	1.2km (15.6-line km per spread)
Receiver dipole spacing	25m
Transmitter electrode spacing	2.4 km
Domain and cycle	Time domain, 2 seconds (0.125 Hz)
Total program	~140-line km over a ~9 km long corridor

Staged approach

The program is planned in two phases. Phase 1 covers the three Priority 1 spreads, starting at the northern end of the trend with Spreads 8 and 7 around Mt Solitary, before moving to Spread 1 at the southern end over Mt Solar. Surveying across the known mineralisation at Mt Solitary will allow the GAIP response to be calibrated against the Company's drilling data.

On completion of Phase 1, the Company will assess how effectively the technique maps the structures associated with mineralisation before deciding whether to proceed with the remaining six spreads (Spreads 2 to 6, Phase 2) to complete coverage of the full trend.

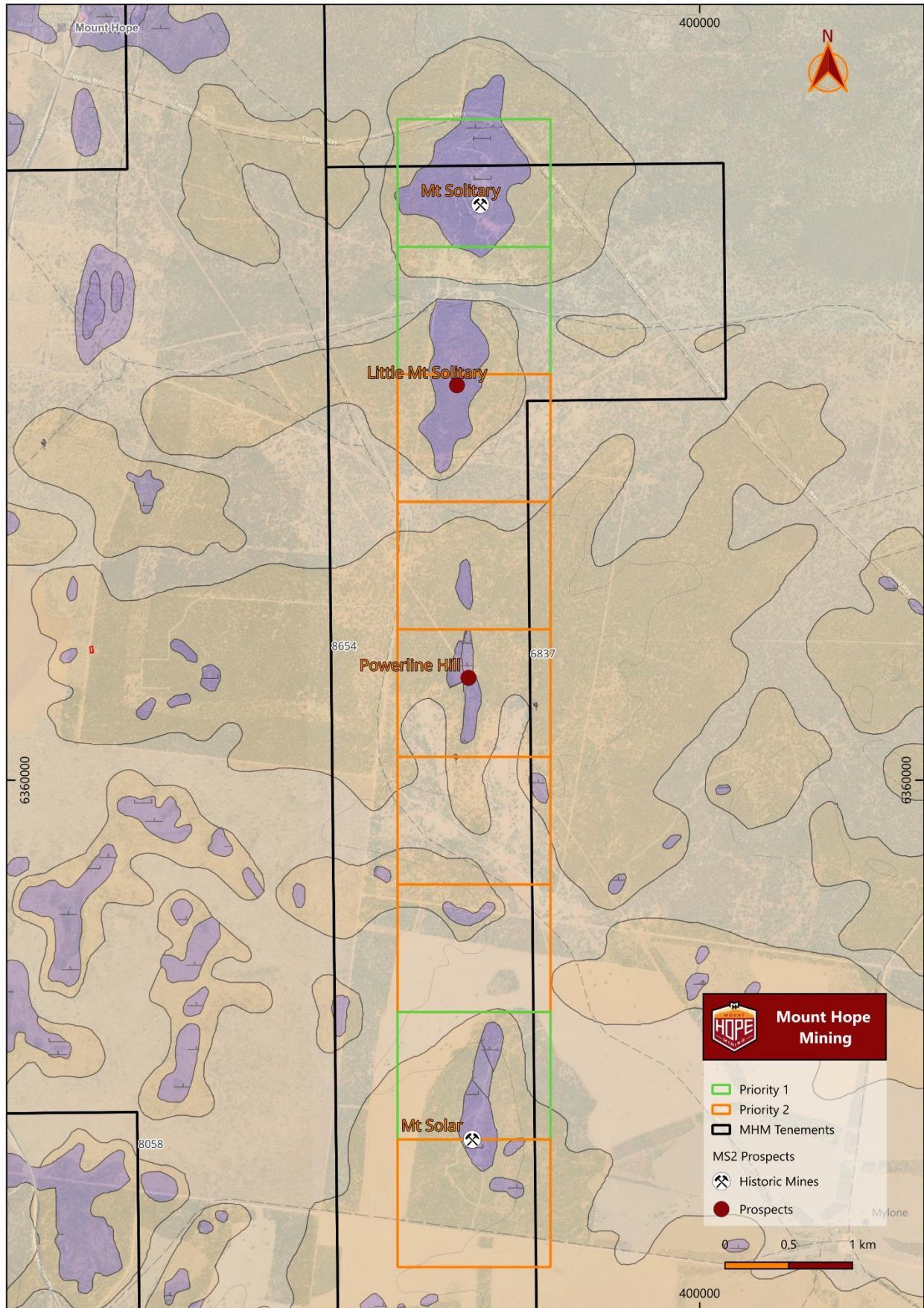


Figure 1: MS2 GAIP survey layout. Priority 1 (Phase 1) spreads shown in green, Priority 2 (Phase 2) spreads shown in orange

Next steps:

Phase 1 fieldwork commenced on 10th October 2026 and is expected to take approximately three weeks, with processed and interpreted Phase 1 results anticipated during the December quarter 2026. The timing of Phase 2 will depend on the assessment of Phase 1 results and a subsequent decision to proceed.

A summary of planned work programs includes:

- Completion of Phase 1 GAIP surveying over Spreads 8, 7 and 1
- Processing and interpretation of the Phase 1 data
- A decision on Phase 2 GAIP surveying over Spreads 2 to 6
- Ranking of new structural targets along MS2 for drill testing

About Mount Hope Mining:

Mount Hope Mining Limited (ASX: **MHM**) is an Australian explorer focused on building a strong portfolio of growth assets in the prolific southern Cobar Basin, New South Wales. The Company's core landholding, the **Mt Hope Project**, comprises ~626 km² in the Cobar Super Basin and is strategically positioned on the eastern margin of the Silurian to early Devonian **Mt Hope Trough**, straddling the **Sugarloaf, MS2 and Scotts Craig** basin-bounding fault structures⁽¹⁾.

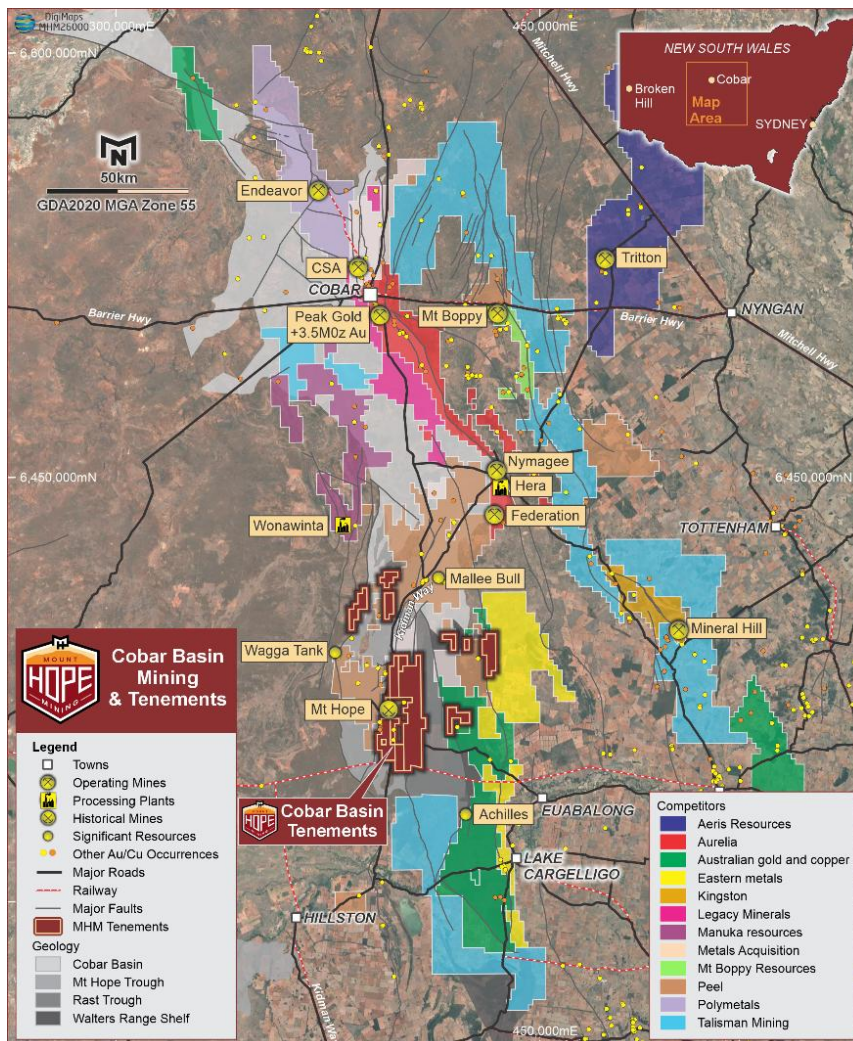


Figure 2: Mount Hope Project Location Map



Mt Solitary sits within Mount Hope Mining's expanded **MS2 Gold Corridor**, a district-scale **~8 km** mineralised trend with multiple targets and strong upside for repeat gold discoveries along strike and at depth.

The Company also holds a broader portfolio of **Cobar-style polymetallic (Cu-Au-Ag-Pb-Zn)** exploration targets across its 626km² landholding.

Mount Hope Mining's strategy is **systematic and drill-led**, with an immediate focus on growing ounces and geological confidence at Mt Solitary.

Simultaneously, the Company will be testing and maturing targets along the MS2 corridor, while advancing the highest-ranked polymetallic targets through staged geophysics, geochemistry and drilling to deliver discoveries and resource growth.

References:

[1] MHM Announcement 18 Dec 2024 - [Prospectus](#)

END



Competent Person's Statement

The information in this announcement that relates to Exploration Results is based on, and fairly represents, information and supporting documentation prepared by Mr Fergus Kiley, a Competent Person who is a Member of the Australian Institute of Geoscientists. Mr Kiley is a Director of Mount Hope Mining Limited. Mr Kiley has sufficient experience 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 Kiley consents to the inclusion in this announcement of the matters based on his information in the form and context in which they appear.

Certain information in this announcement that relates to prior exploration results is extracted from the Independent Geologist's Report dated 18 December 2024 and included in the Company's prospectus dated 18 December 2024, which is available on the Company's website. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original public report and confirms that the form and context in which the Competent Person's findings are presented in this announcement have not been materially modified.

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Forward-looking Statement

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

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