

## SGB Drone Survey at Palma Cu-Zn Project

### Airborne Magnetic Drone Survey completed Across C1 and C3 deposits

#### Highlights

- A **drone-based airborne magnetometer (“MagDrone”)** survey at the Palma Cu–Zn Project has been **successfully completed** over the **C1 and C3 deposits** and adjacent prospective ground.
- The survey was conducted by the **Serviço Geológico do Brasil (“SGB” / “CPRM”)** — Brazil’s national geological survey — under the scientific cooperation agreement signed between Alvo and the SGB in the June 2025 Quarter<sup>1</sup>, **at no cost to Alvo**.
- This is the **first deployment of airborne drone-based magnetometry by the Brazilian Government** and follows gravity survey and geochemical/geological sampling previously reported, positioning Palma at the forefront of next-generation exploration techniques being trialed by the SGB in Brazil.
- Processed results and interpretation are expected in **late May 2026**. The SGB will present the integrated outcomes of its work at Palma at the September 2026 **Society of Economic Geologists (SEG) 2026 global conference**.

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Alvo Minerals Limited (ASX: ALV) is pleased to confirm that the SGB has **successfully completed** a drone-based magnetic (MagDrone) survey at the Palma Copper-Zinc Project in Central Brazil. Field acquisition was carried out over the **C1 and C3 deposits and adjacent areas**, under the scientific cooperation agreement signed between Alvo and the SGB in the June 2025 Quarter<sup>1</sup>, at **no cost to Alvo**. The survey is the **first deployment of airborne drone-based magnetometry by the Brazilian Government**. Processed results and interpretation are expected in **late May 2026** and will be integrated with the SGB’s earlier ground gravity work<sup>2</sup> at C1 and C4 and Alvo’s existing geophysics, geological and geochemistry datasets to refine drill targets across the Palma VMS district.

Rob Smakman, Alvo’s Managing Director, commented:

*“Our scientific cooperation with the SGB continues to deliver access to world-class technical expertise and cutting-edge equipment we would not otherwise deploy at Palma. The MagDrone survey at C1 and C3 adds a further high-resolution layer to the geophysics, geology and geochemistry datasets we are using to refine drill targets across the district.”*

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<sup>1</sup> ASX Announcement 31 July 2025 — Quarterly Activities Report (June 2025 Quarter)

<sup>2</sup> ASX Announcement 7 November 2025 — Gravity Survey Highlights Untested Drill Targets Adjacent to C1 Deposit (Brazil)

“We are particularly pleased that the SGB is planning to present the integrated results of its work at Palma at the SEG global conference. I want to thank Isabelle Serafim and Diogo de Sorde of the SGB geophysics team for their professionalism in the field, and the wider SGB team for their continued partnership.

“This week we will be hosting on site the Director of Geology and Resources, Mr. Francisco Valdir Silveira and Mr. Guilherme Ferreira da Silva who is the lead on our partnership where they will continue sharing their ongoing work and liaising with our team. We are very pleased to continue working with the CPRM.”



Figure 1. SGB MagDrone in flight over the Palma project area, with the magnetometer suspended on a tether.



Figure 2. SGB geophysicist piloting the drone during the Palma survey.



Figure 3. SGB and Alvo field team during MagDrone deployment at Palma.



Figure 4. SGB field crew observing MagDrone operations at C1.

## Scientific Cooperation Agreement — Progress Summary

Workstream	Status
<b>Ground gravity survey (C1, C4)</b>	Completed by SGB June 2025; Alvo interpretation released 7 November 2025.
<b>Drone-based magnetic (MagDrone) survey (C1, C3)</b>	Completed by SGB over six days, 20–25 April 2026. Processed results expected late May 2026.
<b>Drillcore litho-geochemistry &amp; metallogenetic studies</b>	Sampling and analysis led by SGB across C1, C3 and C4; integrated interpretation ongoing.
<b>International presentation &amp; MT survey (planned)</b>	SGB to present integrated Palma results at the September SEG global conference; magneto-telluric (MT) survey planned under the agreement.

This announcement has been approved for release by the Board of Alvo Minerals Limited.

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## About Alvo

Alvo Minerals (ASX: ALV) is an active Australian minerals exploration company with an established exploration base in central Brazil. Its flagship asset is the Palma Copper-Zinc Project in Tocantins State, Brazil, which has a JORC 2012 Mineral Resource Estimate of 7.6Mt @ 2.0% CuEq or 6.2% ZnEq (0.7% Cu, 3.4% Zn, 0.6% Pb, 16g/t Ag and 0.03g/t Au)\*. Alvo is also exploring for Rare Earth Elements at its Bluebush and Ipora ionic-clay projects in Central Brazil.

*\*For details of the Palma Mineral Resource Estimate, please refer to ALV ASX Announcement dated 19 July 2024: "65% Increase in Palma Resource to 7.6Mt @ 2.0% CuEq".*

**ASX Code: ALV**

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## Forward Looking Statements

Statements regarding plans with respect to Alvo's projects and its exploration programs are forward-looking statements. Forward-looking statements are only predictions and are subject to risks, uncertainties and assumptions which are outside Alvo's control and actual values, results or events may be materially different to those expressed or implied herein. Alvo does not undertake any obligation, except where expressly required to do so by law, to update or revise any information or any forward-looking statement to reflect any changes in events, conditions, or circumstances on which any such forward-looking statement is based.