

# NMR Completes Airborne Geophysical Survey at Palmerville Copper Project, QLD

## Highlights

- NMR has completed its magnetic and radiometric geophysical survey covering the Palmerville Copper Project in QLD covering 2,162km<sup>2</sup>
- Palmerville comprises a suite of nine tenements considered highly prospective for copper and gold mineralisation in one of the most mineralised belts in QLD
- South of the Palmerville Project area the Chillagoe Formation is host to several current and historic mining operations including Mungana, Red Dome and the King Vol Mine
- Survey covered approx. 30,000-line km in length and was partly funded by the QLD Government as part of the Collaborative Exploration Initiative (CEI)
- Processing of the survey data is expected to be completed in June and results from the survey will be used to define high-priority drill targets and additional ground geophysics programs
- NMR has a strong pipeline of exploration activity planned over the coming months including IP surveying and follow-up drilling at large-scale Maneater Breccia target in QLD

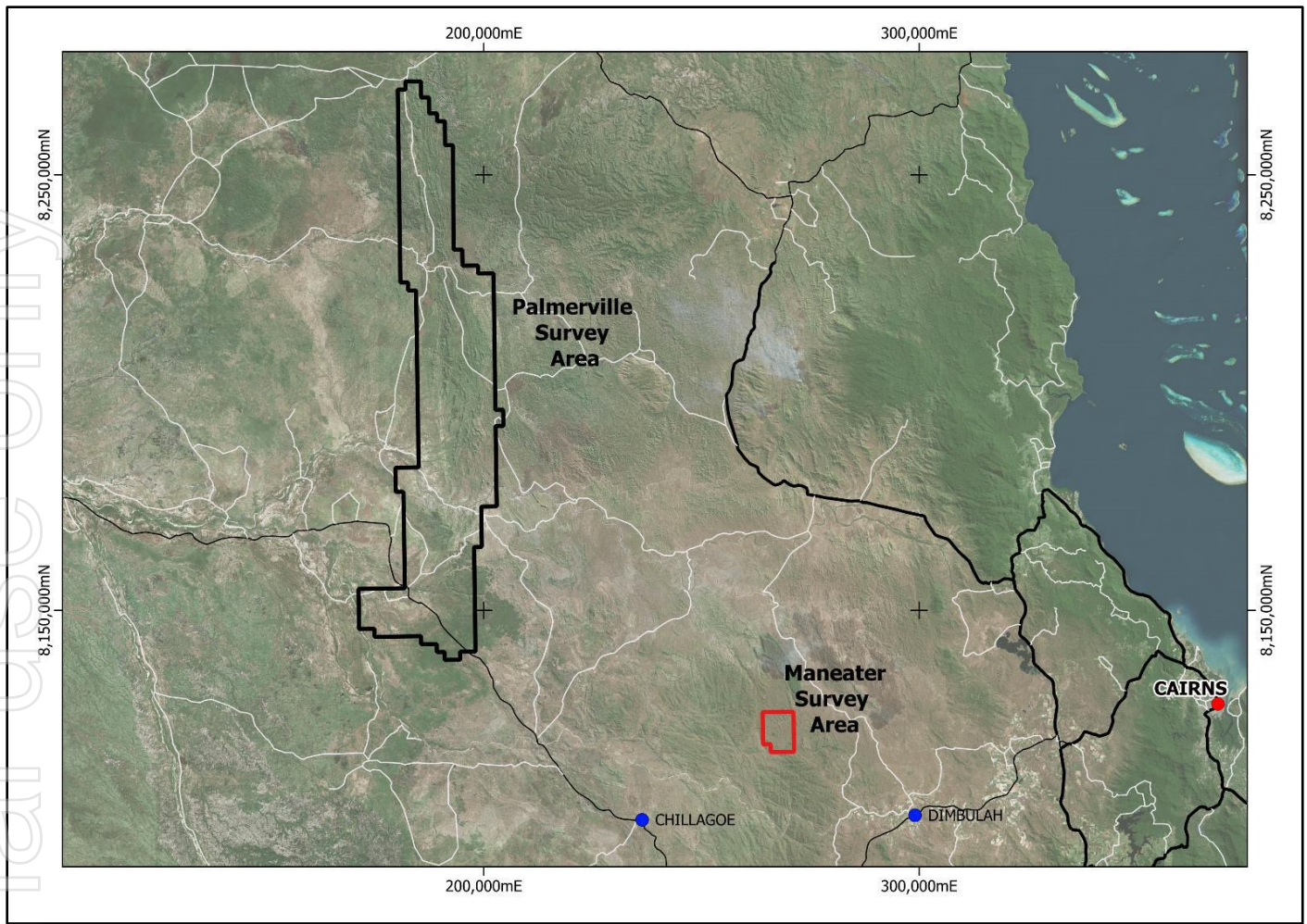
Native Mineral Resources Holdings Limited (ASX: NMR), or (“NMR” the “Company”), is pleased to announce the completion of an airborne geophysical survey on its 100% owned Palmerville Copper Project. The Palmerville Project is the Company’s principal copper exploration asset and comprises nine exploration permit for minerals (EPM) covering a near continuous strike length of 130km over an area of ~1,820km<sup>2</sup> centred 200km west-northwest of Cairns in North Queensland.

A key focus of this survey is to better define the structural geometry of the Chillagoe Formation and the rock-types and boundaries across the Chillagoe Formation, which is a mix of metasediments, mafic volcanics and limestones and are noticeably well-suited to differentiation using magnetics and radiometrics.

South of the Palmerville Project area the Chillagoe Formation is host to several current and historic mining operations including **Mungana**, **Red Dome**, **King Vol** mine and the historic Chillagoe workings, and with the new enhanced high resolution data NMR believes it can identify similar controlling structures to those found in the southern portion of the Chillagoe Formation which have been hidden to earlier explorers.

**NMR’s Managing Director, Blake Cannavo commented:** “We are pleased to have this important geophysical survey completed at Palmerville, and we expect the results to considerably improve NMR’s understanding of the project area and the relationship that the Chillagoe Formation has with the number of historic copper, gold and antimony deposits that are scattered throughout the Palmerville Project’s nine EPMs, most of which remain very much underexplored.

*The processed data from the survey will assist NMR to identify new exploration targets, refine existing drill targets and better understand the structural controls of the known mineralisation, ahead of future exploration programs planned for later this year.”*



**Figure 1: Location Plan of the Palmerville Survey Area**

### **Palmerville Geophysical Survey Background**

The survey will tie into the other surveys in the southern Chillagoe Formation where smaller but similar resolution data have already been collected. The resolution of the survey (80m-line spacing) has been optimised, in collaboration with Thomson, to ensure maximum resolution for both target depth and size.

The high-resolution survey will be the first, continuous and seamless magnetic data collected over the entire Northern Chillagoe Formation. NMR are collaborating with other tenement holders to ensure the dataset is not “tenement centric” and will benefit the GSQ as well as both current and future explorers in this area.

The Palmerville project covers the north-trending belt of the Chillagoe Formation, which is an extension of the southern Chillagoe formation, which hosts multiple copper, silver-lead, and gold deposits and, due to these early discoveries, has been the focus of most exploration in the region.

However, NMR has re-assessed the regional tectonic, structural, magmatic, and metal potential of the northern Chillagoe and, based on some significant findings are challenging the current simple porphyry-focussed exploration model.

NMR considers the Northern Chillagoe Formation as a priority exploration target, and its criteria includes, but is not limited to:

- The region is highly prospective for the critical minerals such as copper, gold and antimony (Figure 2).

- The region has difficult-to-access terrain making airborne geophysics the ideal method to help quickly rank existing targets, and pinpoint new targets, at the project scale.
- The region has had no previous high-resolution geophysical surveys and remains a geological outlier given its prospectivity for copper, gold and other minerals.
- NMR is in a position to plan, manage and see through to completion, the proposed collaborative geophysical survey over the northern Chillagoe Formation.

For more information, please visit [www.nmresources.com.au](http://www.nmresources.com.au) or contact:

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#### **Competent Person Statement:**

*The information in this report relating to Exploration Results is based on information provided to Mr Greg Curnow, a Competent Person who is a Member of the Australasian Institute of Mining and Metallurgy. Mr Greg Curnow is a full-time employee of Native Mineral Resources. Mr Curnow has sufficient experience that is relevant to the styles 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 Curnow has no potential conflict of interest in accepting Competent Person responsibility for the information presented in this report and consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.*

#### **Forward Looking Statements**

*Native Mineral Resources prepared this release using available information. Statements about future capital expenditures, exploration programs for the Company's projects and mineral properties, and the Company's business plans and timing are forward-looking statements. The Company believes such statements are reasonable, but it cannot guarantee their accuracy. Forward-looking information is often identified by words like "pro forma", "plans", "expects", "may", "should", "budget", "scheduled", "estimates", "forecasts", "intends", "anticipates", "believes", "potential" or variations of such words, including negative variations thereof, and phrases that refer to certain actions, events, or results that may, could, would, might, or will occur or be taken or achieved. The Company's actual results, performance, and achievements may differ materially from those expressed or implied by forward-looking statements due to known and unknown risks, uncertainties, and other factors. The information, opinions, and conclusions in this release are not warranted for fairness, accuracy, completeness, or correctness. To the maximum extent permitted by law, none of Native Mineral Resources, its directors, employees, agents, advisers, or any other person accepts any liability, including liability arising from fault or negligence, for any loss arising from the use of this release or its contents or otherwise in connection with it.*

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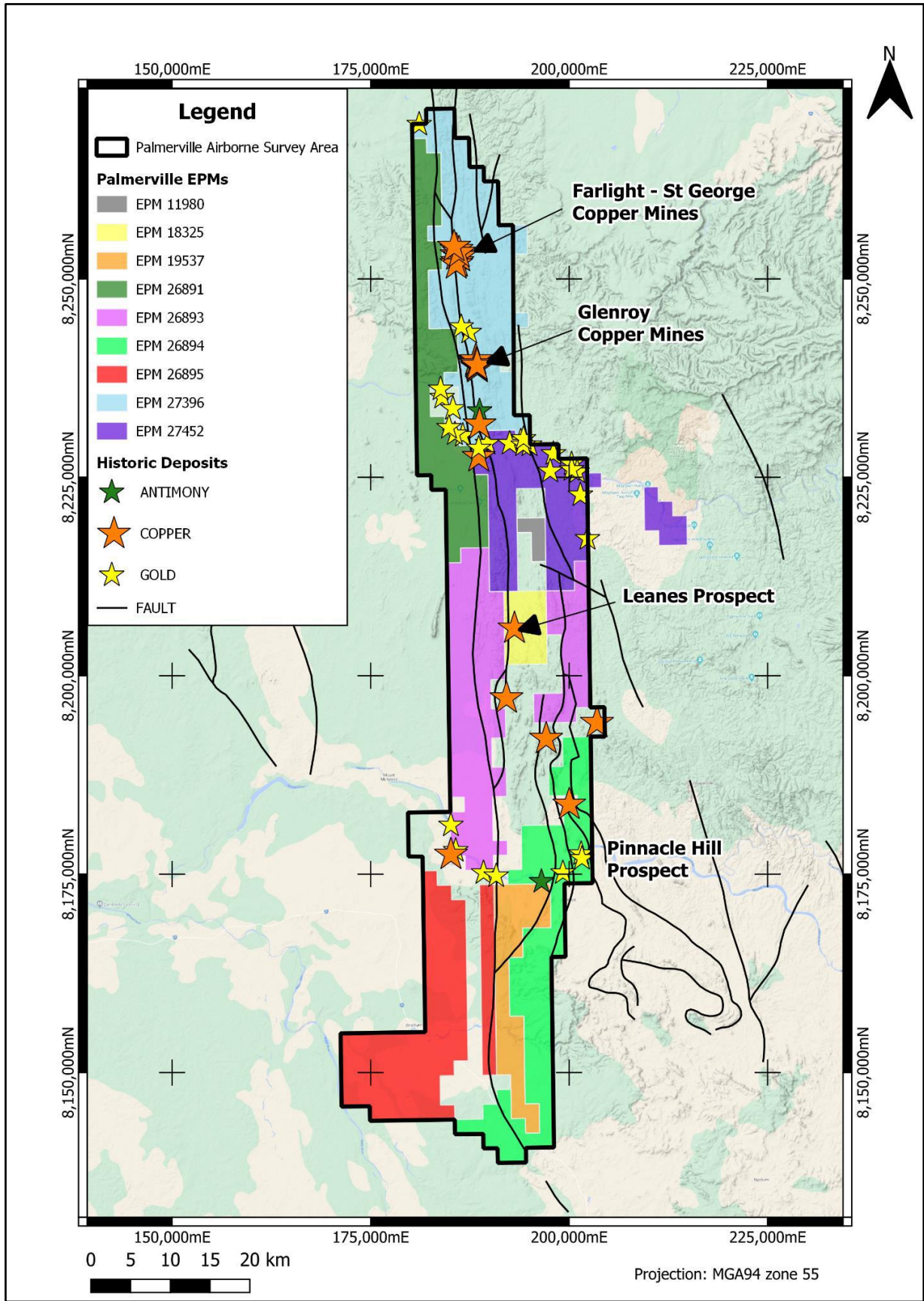


Figure 2: Palmerville EPMs and Major Prospects