NIMY RESOURCES

ASX ANNOUNCEMENT

Release Date 15 October 2025

Extensive surface geochemical sampling underway to extend mineralised zones for gold, copper and gallium

Airborne geophysical surveys to commence

Nimy Resources *(ASX: NIM)* is pleased to advise that as it awaits the imminent ***Gallium JORC 2012 Compliant Resource at Block 3***, it has commissioned an ***extensive surface geochemical sampling program*** to extend mineralised zones targeting gold, base metals (Cu-Ni-PGE, Cu-Zn-Au) and gallium across both known and under-explored targets within its Mons Critical Mineral Project in WA.

In addition, three ***high resolution airborne magnetic surveys*** are due to commence late October.

Key Highlights:

- The surface geochemical sampling program consists of ***2,817 samples*** to be collected (50m spacing) across targets identified as prospective for:
  - **Gold** - sampling of targets identified as structurally favourable to host gold mineralisation including the eastern corridor where there has been no recorded previous exploration.
  - **Gallium** – extension sampling of the Block 3 high grade gallium discovery.
  - **Copper, nickel and platinum group elements** – extending the Masson footprint and targets identified as potential Masson repeats.
  - **Copper, zinc and gold** – extending the sampling grid at Sneaky Squirrel and testing of identified potential additional VMS mineralisation targets.
- As of 13th October, a total of 1083 samples have been delivered to the laboratory for geochemical assay with weekly submissions to follow. Nimy looks forward to supplying further details as the results come through.
- High resolution airborne magnetic surveys scheduled to commence in the final week of October.
  - A survey covering ~35km² to be flown at Masson to enable interpretation and modelling of the Masson Cu-Ni-PGE mineralisation and its potential relationship to a VOXI depth slice model of a ***high magnetic unit south of the Masson discovery***.
  - A survey covering ~11 km² to be flown at Sneaky Squirrel to enable interpretation and modelling of a high magnetic response thought to be associated with highly magnetic responses of Cu-Zn sulphide mineralisation in shallow drilling beneath the ***gossan at Sneaky Squirrel which is considered analogous with the Gossan Hill copper mineralisation*** hosted by massive sulphide and magnetite.

- A survey covering ~30km² over and extending around and west of the Block 3 high grade gallium discovery. Gallium mineralisation at Block 3 is associated with an ultramafic schist and highly anomalous gallium in soils. ***The survey is designed to identify extensions to the high-grade gallium footprint associated with high level magnetic responses.***

Managing Director Luke Hampson commented:

"The surface geochemical and geophysics programs at Mons have delivered significant gains in understanding the large and new greenstone belt Nimy is exploring.

"Airborne magnetic surveys across all three areas identified are designed to provide the required resolution of high magnetic responses leading to greater precision in designing our upcoming drill strategy at Masson, Sneaky Squirrel and Block 3.

"Work done on identifying gold mineralisation at Mons has commenced with soil geochemical sampling covering eight (8) targets identified in areas of no previous historic exploration. The soil geochemical sampling program also takes in potential repeats of the Masson copper, nickel and PGE, Sneaky Squirrel copper, zinc and gold discoveries.

"The Block 3 program looks to extend the high grade gallium footprint which has proven to have a positive correlation with underlying high grade gallium mineralisation.

"Our surface geochemical and airborne geophysics programs are designed to maintain the momentum we have created in the past twelve months with very promising base metal discoveries, build upon the high grade gallium resource and potentially add gold to our stable of discoveries across the Mons Greenstone Belt."

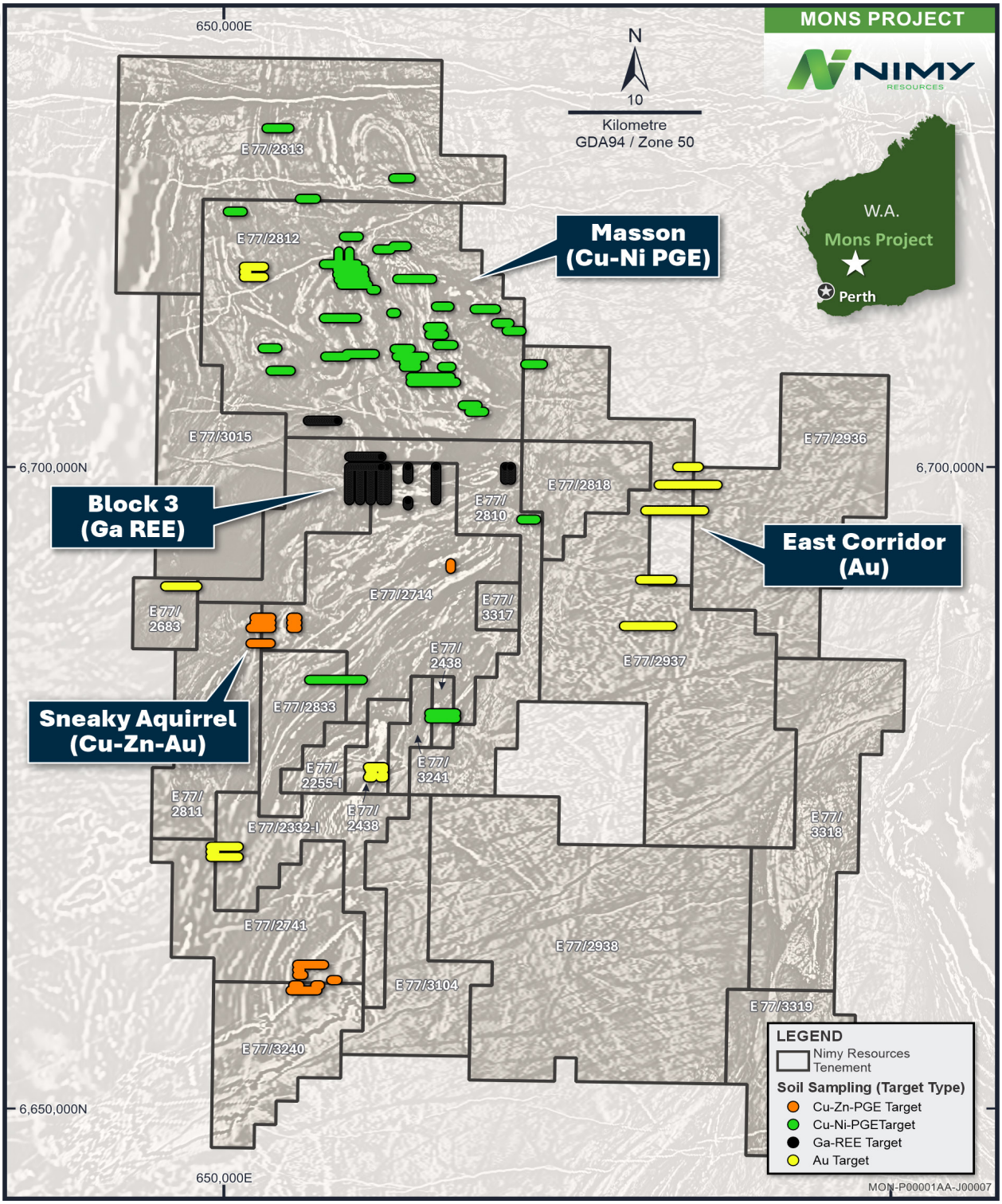

Figure 1 - Proposed surface geochemical program over Nimy tenements

Surface geochemical sampling Program

Gold

A total of eight (8) targets identified as favourable targets for gold exploration following structural and geophysical analysis, including further sampling of and around the **Sneaky Squirrel 0.8g/t rock chip** (boxwork quartz) sample returned in August 2025 (ASX: "Large copper-zinc-gold anomaly outlined at new Sneaky Squirrel Prospect". 4 August, 2025).

Sampling in the eastern corridor will be the first recorded on ground exploration program in the area.

Base Metals – Copper, Nickel & PGE's (Masson Analogue)

Surface geochemical sampling programs expanding the Masson footprint and across areas identified defined by analysis of geophysical and structural interpretation potentially related to the Masson Cu-Ni-PGE discovery.

Base Metals – Copper, Zinc & Gold (VMS-Sneaky Squirrel Analogue).

Expansion of the surface geochemical sampling grid at Sneaky Squirrel following initial drilling successfully intersecting Cu, Zn and Au mineralisation beneath the Sneaky Squirrel gossan, with a further 4 targets identified and within soil sampling plan.

Gallium REE

Expansion of the surface geochemical sampling footprint at Block 3 - initial sampling delivered highly correlated high-grade gallium beneath the anomalous soil anomalies, now the Block 3 Gallium discovery (JORC 2012 Compliant Resource due this month).

All samples are being sent to LabWest in Perth, to utilise their Ultrafine assay method, which has proved to be a highly effective technique for developing exploration targets at Mons.

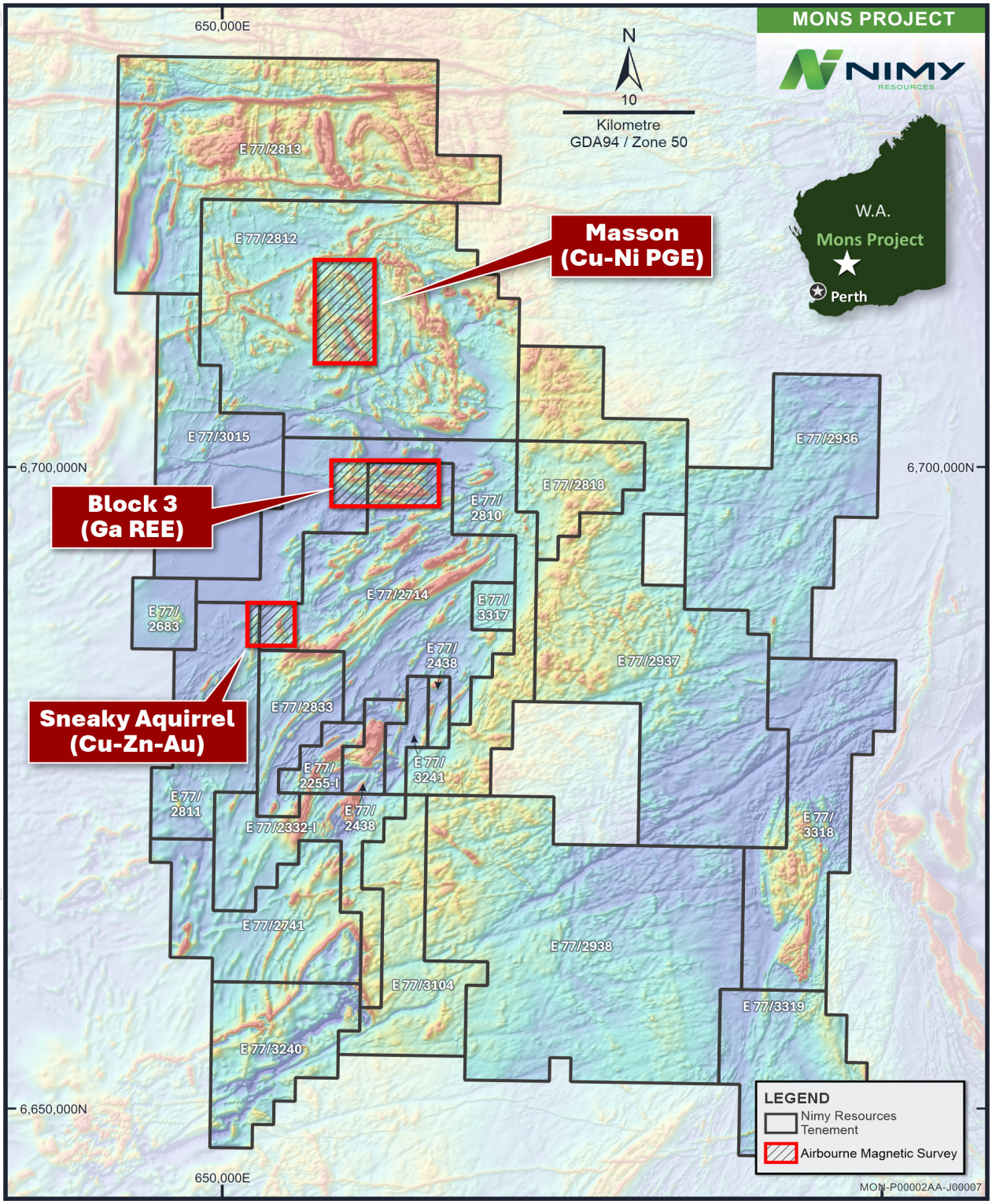

Figure 2 - Proposed airborne geophysical program over Nimy tenements

Geophysics – Airborne Magnetic Surveys

Three survey grids to be acquired by airborne magnetic survey at Masson, Sneaky Squirrel and Block 3.

Masson - Copper, Nickel & PGE's

An extended grid covering ~35km² over and around the Masson Ni-Cu-PGE discovery.

Following the recent DHEM detection of high conductance of the plates (Upper plate 240m at 5,250 S, Lower plate 100m at 4000s) (and having successfully drill tested the upper portion of the upper plate) indicating that the mineralisation continues for at least 120m below the deepest hole successfully targeting mineralisation drilled at Masson.

- The high conductive trend is plunging to the south toward a high magnetic unit identified using VOXI depth slicing, plates have been modelled to the limit of survey data collected meaning that the mineralisation remains open at depth beneath the lower plate.
- The airborne magnetic survey will provide greater resolution and modelling of the high magnetic unit and its potential relationship to the Masson discovery.

Sneaky Squirrel - Copper, Zinc & Gold

An extended grid covering ~11km² over and around the Sneaky Squirrel Cu-Zn-Au VMS discovery.

The initial four holes drilled at Sneaky Squirrel encountered Cu and Zn in sulphide mineralisation beneath the initial find of an outcropping gossan highly anomalous in Cu, Zn and Au.

The sulphide mineralisation intervals at Sneaky Squirrel were found to be highly magnetic, analogous with the massive copper sulphide mineralisation, also with high magnetite content, found at Gossan Hill, Golden Grove some 200kms NW of Sneaky Squirrel.

The airborne magnetic survey will acquire data with the purpose of identifying high magnetic responses that may be a continuation at depth of the Cu-Zn sulphide mineralisation in the initial drill holes.

Block 3 - Gallium & REE's

An extended grid covering ~30km² over and extending around and west of the Block 3 high grade gallium discovery.

Gallium at Block 3 appears to be associated with an ultramafic schist and highly anomalous gallium in soils. The survey is designed to enable identification of extensions to the high-grade gallium footprint associated with high magnetic responses. The current resolution is limited, and the survey has the potential to assist with targeting continued high-grade gallium mineralisation at Block 3.

Previously Related Announcements:

29/09/25	MoU for Sale of Gallium into the US
03/09/25	Nimy Appoints Tony Tang as Technical Advisor
27/08/25	Critical Metals Exploration Update August 2025
27/08/25	Nimy Raises $1.72m via Share Placement
21/08/25	Copper mineralisation target extended at Masson
05/08/25	Nimy Resources signs M2i Agreement
04/08/25	Sneaky Squirrel Outlines Large Copper-Zinc-Gold Anomalies
04/08/25	Diggers and Dealers Company Update August 2025
29/07/25	Gallium Resource Drilling Final Assays
04/07/25	Outstanding Gallium assays continue at Block 3
20/06/25	Gallium Drilling Completed
16/06/25	High grade Gallium in first assays
05/06/25	Drilling confirms potential Gallium extensions at Block 3
29/05/25	Gallium Phase 2 Drilling Update
26/05/25	Outcropping schist east of the Block 3 Gallium Discovery
21/05/25	$2.75m Placement to advance Gallium JORC Resource Drilling
19/05/25	Investor Presentation
14/05/25	Drill Program Underway Targeting Maiden Gallium Resource
01/05/25	Block 3 Gallium Exhibits Highly Favourable Mineralogy

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This announcement has been approved for release by the Nimy Resources Board.

Board and Management

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Bruce Stewart
Non-Executive Director

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Geraldine Holland
Joint Co-Secretary

John Simmonds
Technical Advisor - Geology
Fergus Jockel
Exploration Manager

Capital Structure

Shares on Issue – 271.51m
Options on Issue – 82.71m

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Nimy Resources ASX:NIM

Competent Person's Statement

The information contained in this report that pertain to the exploration results, is based upon information compiled by Mr. Fergus Jockel, a full-time employee of Fergus Jockel Geological Services Pty Ltd. Mr. Jockel is a Member of the Australasian Institute of Mining and Metallurgy (1987) and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the December 2012 edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (the JORC Code). Mr Jockel consents to the inclusion in the report of the matters based upon his information in the form and context in which it appears.

Forward Looking Statement

This report contains forward looking statements concerning the projects owned by Nimy Resources Limited. Statements concerning mining reserves and resources may also be deemed to be forward looking statements in that they involve estimates based on specific assumptions. Forward-looking statements are not statements of historical fact and actual events, and results may differ materially from those described in the forward-looking statements as a result of a variety of risks, uncertainties and other factors. Forward looking statements are based on management's beliefs, opinions and estimates as of the dates the forward-looking statements are made and no obligation is assumed to update forward looking statements if these beliefs, opinions and estimates should change or to reflect other future developments.

About Nimy Resources and the Mons Project

Nimy Resources is a Western Australian exploration company that has prioritised the development of its recently discovered Mons Belt, situated 370km north-east of Perth and 140km north-northwest of Southern Cross a Tier 1 jurisdiction in Western Australia.

The Mons Belt represents a district scale discovery, spanning ~80km x 30km over 17 tenements with a north/south strike of some 80km of mafic and ultramafic sequences covering ~3004km2 north of the Forrestania greenstone belt.

The Mons Belt provides a new and exciting frontier in base metal and gold exploration in Western Australia, the company is currently working with the CSIRO to advance the lithology and mineralisation types within one of Australia's newest greenstone belt discoveries in the Yilgarn Craton, a region with significant untapped potential.

Nimy Resources believes the Mons Belt offers multi commodity potential with the initial discovery of Masson (Cu, Ni, Co, Au & PGE's) in addition to Block 3 east prospect with high-grade gallium (Ga) discovered in the northern tenements.

In addition to these discoveries, the southern tenements have significant fertile komatiite sequences like those found in the Kambalda region of WA.

Nimy Resources is always mindful of its shareholders and the need to continue efforts in creating shareholder value through a methodical and science based approach.