Carnaby

MOUNT HOPE MINING LEASE BOUNDARY RESOLUTION

Carnaby Resources Limited (ASX: CNB) (**Carnaby** or the **Company**) is pleased to announce a decision by the Queensland Government Department of Resources.

Highlights

- **The Queensland Government Department of Resources Mineral Assessment Hub final view and recommendation regarding the location of the Mount Hope Mining Lease is in support of Carnaby's submission as to the actual boundary location of the 100% owned granted mining lease ML90240. This recommendation is expected to be signed off by the appointed Department of Resources delegate shortly.**
- **The boundary of the Mount Hope Mining Lease ML90240 will move the small excision of a historical Mining Lease approximately 90m further south to the "pegs in ground" location of the former mining lease boundary.**
- **The confirmation of the Mining Lease boundary location removes any uncertainty and risk associated with the disputed boundary location.**
- **Carnaby can now target crucial areas for drilling within the mining lease which have been intentionally avoided until now, including the southwest extension of the NE Vein at Mount Hope Central (Figure 1) which remains undrilled even though it is the deepest and presumed richest section of the shallow historical open pit.**
- **In addition, the high grade down dip and down plunge continuations of the NW Vein at Mount Hope Central are also clear to extend on Carnaby tenure given the change to the southern boundary of the mining lease (Figure 2 & 3).**

The Company's Managing Director, Rob Watkins commented:
"The resolution of the Mining Lease boundary at Mount Hope is an important de-risking event and allows Carnaby to clearly focus on extending the rapidly growing high grade Mount Hope Central discovery in particular. An extensive drill out of the Mount Hope Central prospect will commence shortly with multiple drill rigs. Results from approximately 20 drill holes remain outstanding including from the last diamond core hole drilled, MHDD060 from which pXRF readings recorded up to 10m @ 4.0% copper, which remains completely open at depth (see ASX release 13 December 2022)."

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ASX Announcement

9 January 2023

Fast Facts

Shares on Issue 144.6M

Market Cap (@ 94 cents) $136M

Cash $15M[1]

[1]As of 30 September 2022

Board and Management

Peter Bowler, Non-Exec Chairman

Rob Watkins, Managing Director

Greg Barrett, Non-Exec Director & Company Secretary

Paul Payne, Non-Exec Director

Company Highlights

- Proven and highly credentialed management team
- Tight capital structure and strong cash position
- Mount Hope, Nil Desperandum and Lady Fanny Iron Oxide Copper Gold discoveries within the Greater Duchess Copper Gold Project, Mt Isa inlier, Queensland.
- Greater Duchess Copper Gold Project, numerous camp scale IOCG deposits over 1,022 km^2 of tenure
- Projects near to De Grey's Hemi gold discovery on 442 km^2 of highly prospective tenure
- 100% ownership of the Tick Hill Gold Project (granted ML's) in Qld, historically one of Australia highest grade and most profitable gold mines producing 511 koz at 22 g/t gold

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www.carnabyresources.com.au

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MOUNT HOPE PROJECT (CNB 100%)

Queensland Government Department of Resources Mineral Assessment Hub final view and recommendation regarding the location of the Mount Hope Mining Lease has been received and is in support of Carnaby Resources' submission as to the actual boundary location of the 100% owned granted mining lease ML90240. This recommendation is expected to be signed off by the appointed Department of Resources delegate shortly.

The final recommendation of the Mount Hope Mining Lease boundary dispute has been determined through an extensive consultation period with the Queensland Government Department of Resources Mineral Assessment Hub over several months, where independent consultant surveyors from both affected parties and legal representations have been submitted and determined.

The boundary location of the Mount Hope Mining Lease has been surveyed and recommended to move according to the new survey information which located and registered the actual original peg locations of ML90240 and a former mining lease which was required to be excised from ML90240.

MOUNT HOPE CENTRAL PROSPECT (CNB 100%)

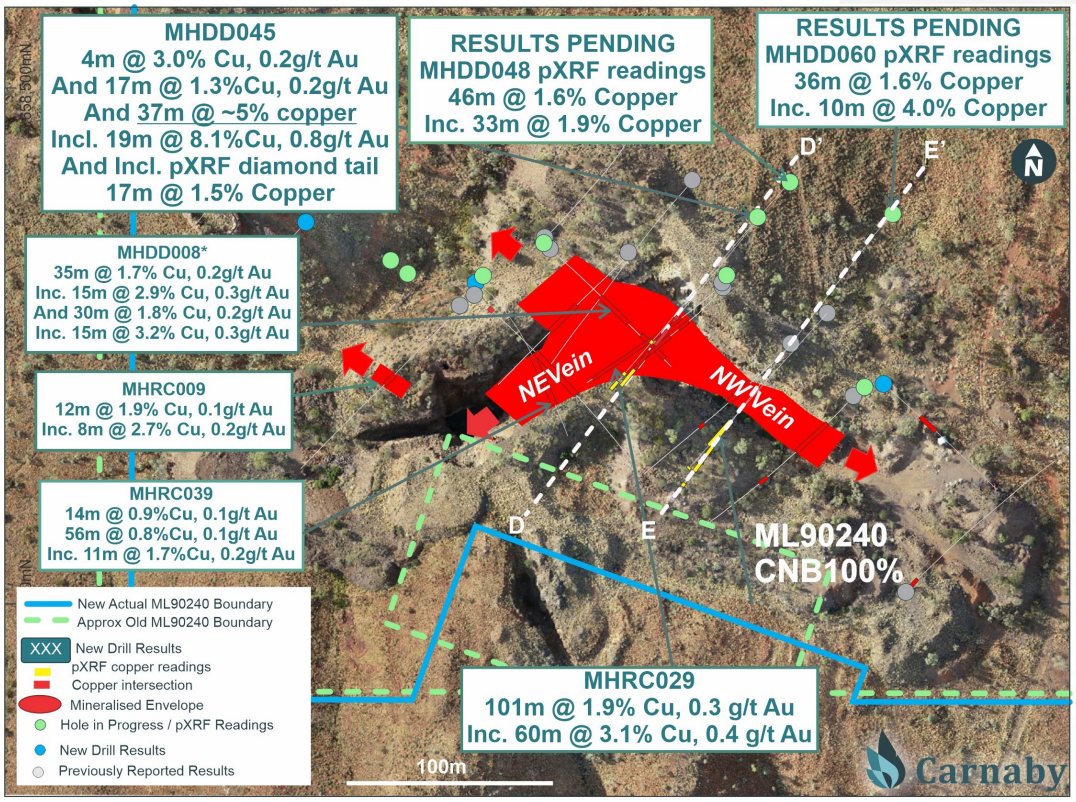

Figure 1. Mount Hope Central Plan Showing the new Mining Lease boundary in light blue and old approximate boundary in green dashed line.

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The southern boundary of the Mount Hope Mining Lease ML90240 has been recommended to move the small excision of a historical Mining Lease approximately 90m further south to the "pegs in ground" location of the former mining lease boundary (Figure 1). This has opened two key target areas which are the undrilled southwest extension of the NE Vein (Figure 1) and the down dip extents of the NW Vein, where exceptional results up to ~**37m @ 5% copper** have been recently intersected (Figure 1, 2 & 3) (see ASX release 16 November 2022). Drilling of both these target areas has been intentionally avoided until a resolution of the mining lease boundary was provided by the Department of Resources.

A major drill out of the Mount Hope Central prospect will commence shortly with multiple drill rigs targeting direct extensions to all the mineralisation where it remains open.

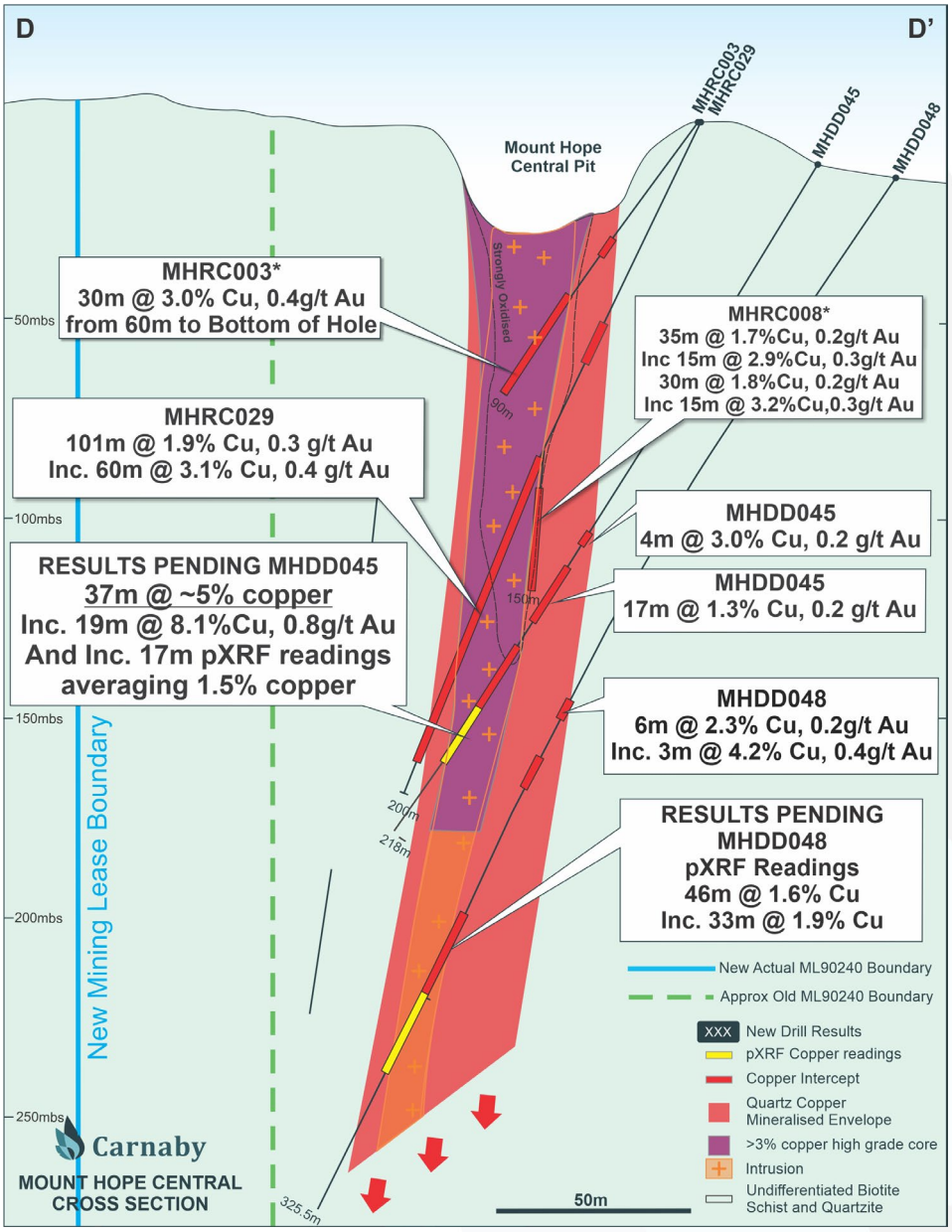

Figure 2. MHDD048 section showing the new Mining Lease Boundary for ML90240 in light blue and old approximate boundary in green dashed line.

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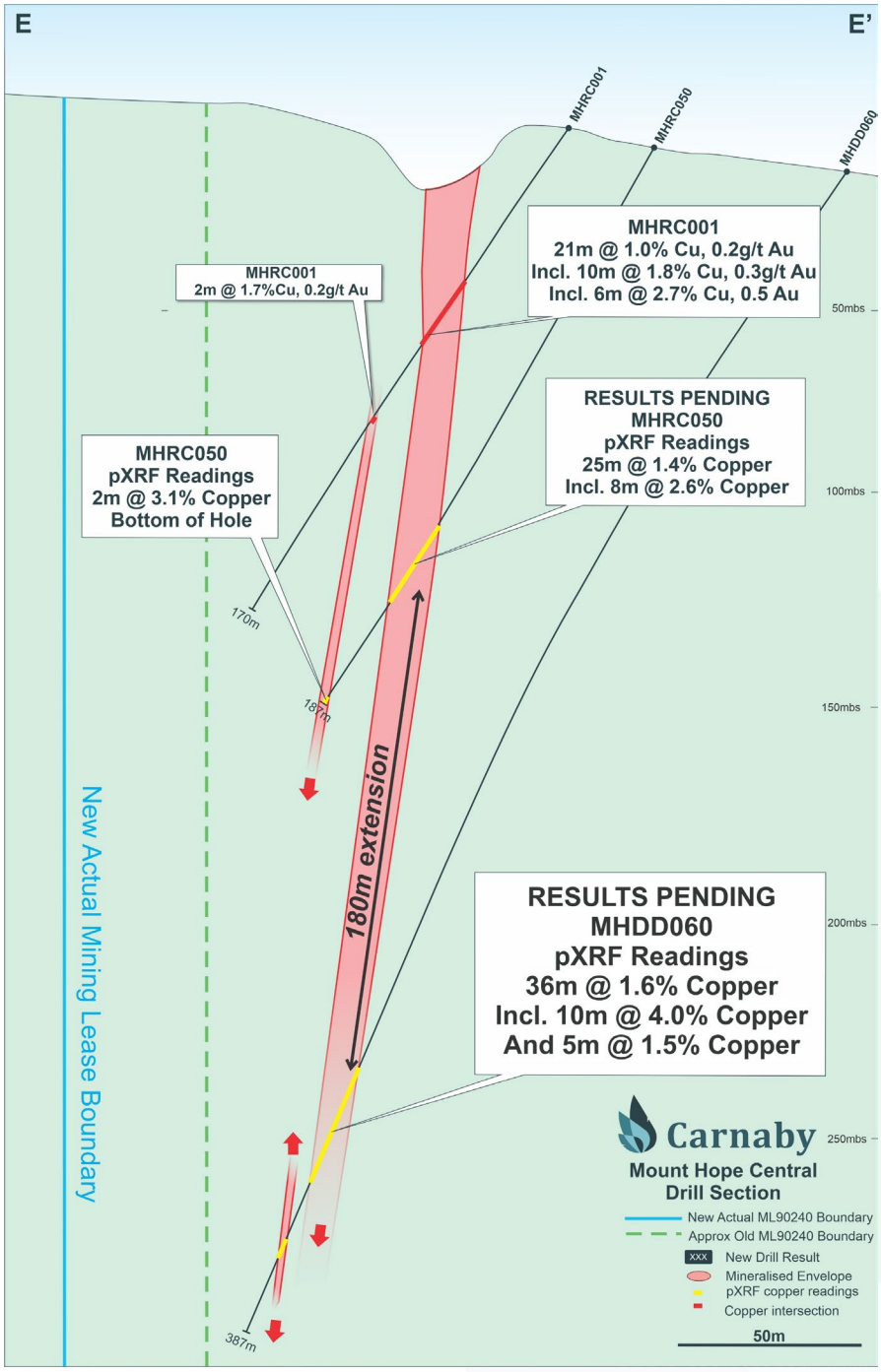

Figure 3. MHDD060 section showing the new Mining Lease Boundary for ML90240 in light blue and old approximate boundary in green dashed line.

MOUNT HOPE NORTH PROSPECT (CNB 100%)

The eastern strike extent of the Mount Hope North mineralised vein tracks towards the mining lease boundary and resolution of the "pegs in ground" surveyed boundary has been more accurately defined (Figure 4 & 5).

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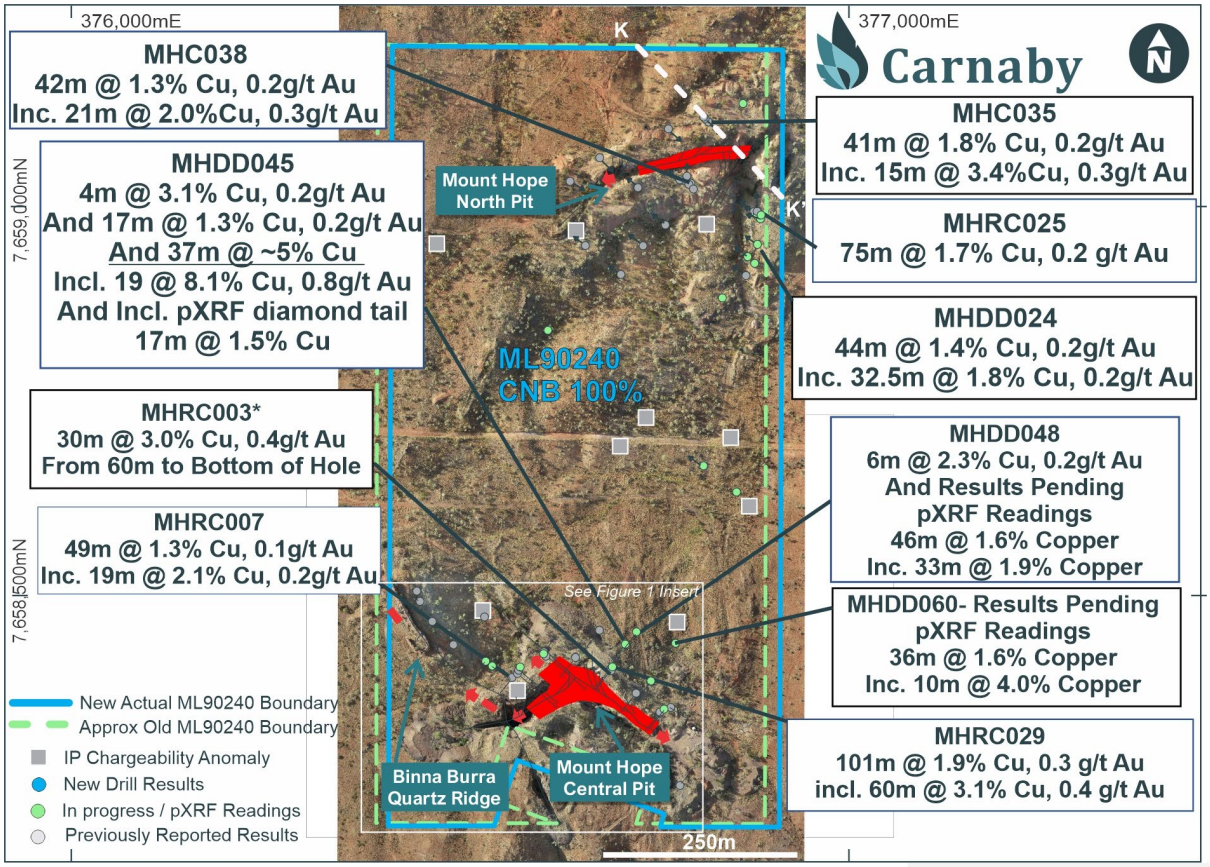

Figure 4. Plan showing the new Mining Lease Boundary for ML90240 in light blue and old approximate boundary in green dashed line.

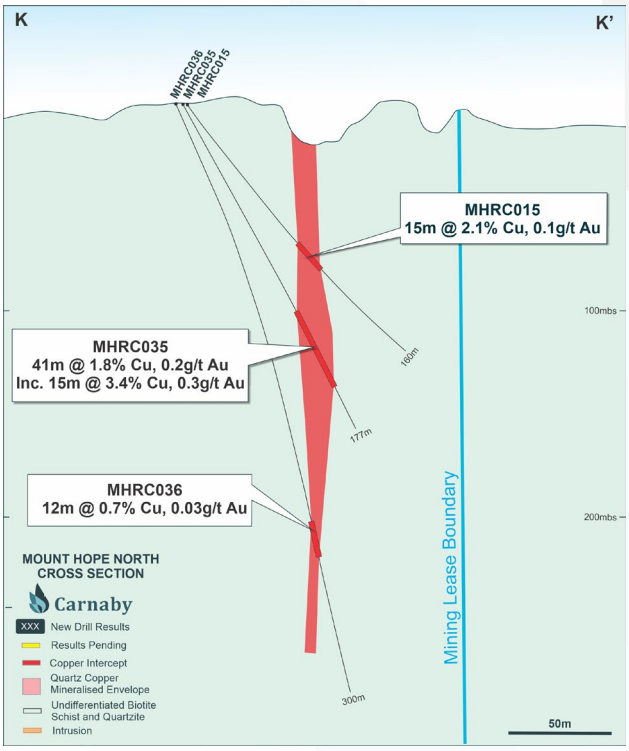

Figure 5. MHRC035 Drill Section showing new Mining Lease Boundary.

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NEXT STEPS

Results from approximately 20 drill holes are pending from Mount Hope and a major drilling program with multiple drill rigs is about to re-commence at Mount Hope and the wider Greater Duchess Project.

Carnaby is targeting a maiden Mineral Resource for the Greater Duchess Copper Gold Project in Q2 2023 whilst simultaneously completing scoping and commencing pre-feasibility studies. Economic evaluation of the significant copper gold mineral deposits discovered to date, will include the three core deposits of Nil Desperandum, Lady Fanny and Mount Hope.

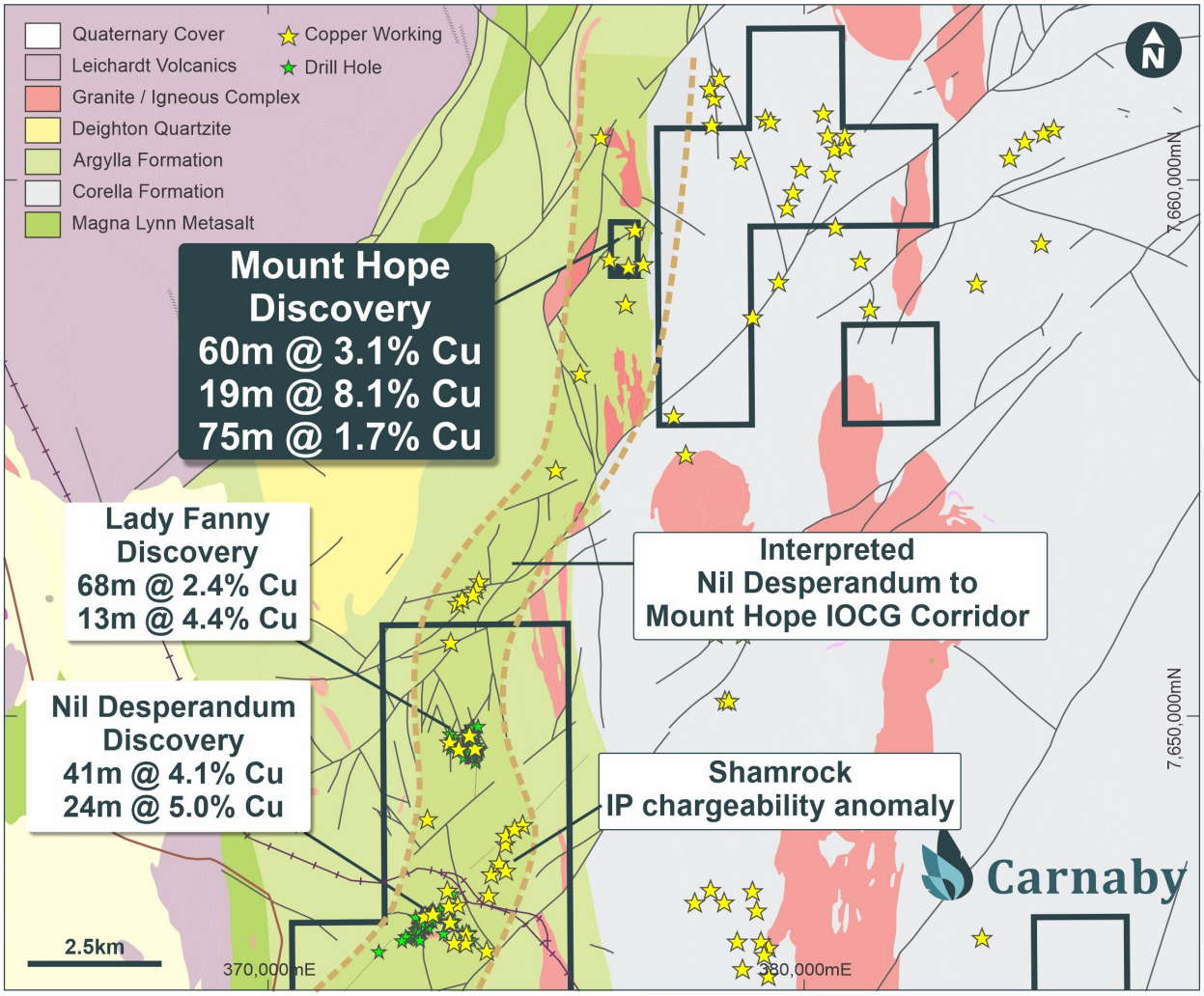

Figure 6. Mount Hope, Nil Desperandum and Lady Fanny IOCG corridor plan.

Carnaby

Further information regarding the Company can be found on the Company's website

www.carnabyresources.com.au

For further information please contact:
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Competent Person Statement

The information in this document that relates to exploration results is based upon information compiled by Mr Robert Watkins. Mr Watkins is a Director of the Company and a Member of the AUSIMM. Mr Watkins consents to the inclusion in the report of the matters based upon the information in the form and context in which it appears. Mr Watkins has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which is undertaken 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" (JORC Code).

Disclaimer

References may have been made in this announcement to certain ASX announcements, including references regarding exploration results, mineral resources and ore reserves. For full details, refer to said announcement on said date. The Company is not aware of any new information or data that materially affects this information. Other than as specified in this announcement and the mentioned announcements, the Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements and, in the case of estimates of Mineral Resources, Exploration Target(s) or Ore Reserves that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.

Recently released ASX Material References that relate to this announcement include:

Greater Duchess Exploration Update – 41m @ 1.8% Copper, 13 December 2022

Mount Hope Discovery – 37m @ approx. 5% Copper, 16 November 2022

Excellent Metallurgical Results - Greater Duchess Project, 7 November 2022

Phenomenal Results From Mount Hope - 60m @ 3.1% Copper, 13 October 2022

Mount Hope Delivers – 30m @ 3.0% Copper, 28 September 2022

Mount Hope Discovery – 75m @ 1.7% Copper, 7 September 2022

Greater Duchess Update - 75m Copper Sulphide Vein at Mt Hope, 18 August 2022

Copper Sulphides Intersected at Mt Hope & Lady Fanny South, 29 July 2022

Greater Duchess Update - Booming IP Anomaly at Mount Hope, 14 July 2022

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